

Perfil	STE Metro CDMX
Lugar Inicial	18km 420.0m
PK Final	17km 810.4m
Sentido De Avance	Decremento
Referencias Trabajo	VIA 2
ID Ruta/Liena	Atlalilco Cul
ID Vía	Via Principal
Hora Inicial	18:09:25 09-dic.-21
Hora Final	18:20:39 09-dic.-21
Versión Software	TOP01S020r0010(74)
Unid. Desplazamiento	Milímetros
Unidad Longitud	Milímetros
Unidad de ángulo	Grados
ID Perfil	L12
Signo del Peralte	Sentido horario
Intervalo adquisición	300.0mm (300.0mm)
Nivel. I superpuesto 1	12600.0mm
Nivel. I superpuesto 2	19000.0mm
Base Radio Derecho	20.0m (20.1m)
Base Radio Curv.Prom D	20.0m
Base Áng.Curv. Prom. D	20.0m
Áng.Curv.Cuerda Der	20.0m
Nivel. D superpuesto 1	20.0m
Nivel. D superpuesto 2	20.0m
Temp. Sistema Inicial	20.3°C
Temp. Sistema final	20.8°C
Ancho Referencia	1435.0mm
Ancho Refcia. Peralte	1500.0mm
Long. Cuerda Delantera	2500.0mm (2400.0mm)
Long. cuerda trasera	2500.0mm (2400.0mm)
Temperatura Nivelación	20.2°C

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
18	419.7	1433.6	0.2				1		0	
18	419.4	1433.7	0.9				0.5		0	
18	419.1	1433.9	1.3				0.5		0	
18	418.8	1433.8	1.2				0.4		0	
18	418.5	1433.6	1.5				0.4		-0.2	
18	418.2	1433.6	1.6				0.4		-0.2	
18	417.9	1433.6	1.4				0.4		-0.1	
18	417.6	1433.3	1.1				0.4		0	
18	417.3	1433.3	1.3		0	0.6	0.7		0	
18	417	1433	0.8		-0.5	0	0.9		0	
18	416.7	1432.9	1.1		-0.8	0.3	1.1		0	
18	416.4	1432.5	0.8		-1.3	0.2	1.1		0	
18	416.1	1432.2	0.4		-1.5	-0.3	1.1		0.1	
18	415.8	1431.8	0.1		-1.9	0	0.9		1.4	
18	415.5	1431.7	0.9		-2.2	1.4	0.8		2.2	
18	415.2	1431.7	1.2		-2.2	2	0.8		2.7	
18	414.9	1431.5	1.2		-2.3	2.6	0.6		3.4	
18	414.6	1431.4	0.8		-2.2	3.3	0.5		4.6	
18	414.3	1431.3	0.3		-2.2	4	0.4		6	
18	414	1431.5	0.1		-1.9	4.7	0.4		7.1	
18	413.7	1431.5	0.2		-1.9	5.7	0.6		7.7	
18	413.4	1432	1.4		-1.4	7.2	0.8		7.8	
18	413.1	1432.5	1.9		-1.1	7.5	1.1		7.9	
18	412.8	1432.8	2.7		-0.9	8	1.1		7.8	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
18	412.5	1433	2.6		-0.7	7.6	1.1		7.5	
18	412.2	1433.2	3.4		-0.6	8	1.2		6.9	
18	411.9	1433.3	3.6		-0.5	7.7	1.2		5.9	
18	411.6	1433.4	4.2		-0.6	7.7	1.3		5	
18	411.3	1433.4	4		-0.6	6.5	1.3		4.3	
18	411	1433.4	3.9		-0.8	5.5	1.3		4	
18	410.7	1433.3	3.7		-1.1	5.2	1.2		3.8	
18	410.4	1433.4	3.9		-1.1	4.8	1.3		3.5	
18	410.1	1433.6	3.8		-1.1	4.7	1.4		3.3	
18	409.8	1433.7	3.8		-1.1	3.9	1.4	4802179	3.1	
18	409.5	1433.8	3.3		-1	3	1.3	4914906	3.1	
18	409.2	1434	2.9		-0.5	2.3	1.1	4926471	3	
18	408.9	1434	3.4		-0.2	3.4	0.8	4926471	3	
18	408.6	1433.9	3.4		0	3.4	0.4	4914906	2.9	
18	408.3	1433.9	2.6		0.2	2.7	0.2	4938090	3	
18	408	1433.6	2.5		0.1	2.7	-0.2	4997017	2.9	
18	407.7	1433.7	2.2		0.3	2.5	-0.4	5106708	2.9	
18	407.4	1433.6	2.5		0.3	2.9	-0.5	5287248	2.8	
18	407.1	1433.6	3.2	3	0.3	3.5	-0.2	5583334	2.2	
18	406.8	1433.4	3	2.1	-0.5	3.6	0.2	5982143	1.9	
18	406.5	1433.4	2.1	0.8	-0.8	2.6	0.5	6502329	2	
18	406.2	1433.6	1.9	0.7	-0.9	2.2	0.8	7073480	2.1	
18	405.9	1433.7	2	0.5	-1.3	2.6	1.1	7641424	2.1	
18	405.6	1433.9	1.6	0	-1.2	2.6	1.4	8083977	2.2	
18	405.3	1434	1.4	0	-1.5	3	1.7	8341634	2.5	
18	405	1433.8	1	-0.1	-2.1	3	2	8442541	2.8	
18	404.7	1433.2	0.5	-0.8	-2.6	2.6	1.8	8341634	3.6	
18	404.4	1433.3	-0.3	-1.1	-2.3	2.5	1.6	8146887	4.1	
18	404.1	1433.3	-0.4	-1.5	-2.4	3.2	1.5	7900944	4.2	
18	403.8	1433.5	0.1	-0.7	-2.3	3.6	1.4	7669414	3.8	
18	403.5	1433.8	0.4	0	-2.1	3.4	1.4	7586051	3.2	
18	403.2	1433.9	-0.1	-0.2	-2	2.7	1.3	7641424	2.6	
18	402.9	1433.9	-0.3	-1.2	-1.5	2.2	1	7900944	2.3	
18	402.6	1434.2	-0.9	-2.1	-0.7	1.7	0.5	8308532	2.2	
18	402.3	1434.5	-0.3	-1.5	0.2	2.5	0.1	8797269	2	
18	402	1434.7	-0.4	-1.2	0.6	2.4	-0.2	9389014	1.7	
18	401.7	1435	-1	-1.3	1.2	1.8	-0.5	9970238	1.7	
18	401.4	1435.3	-1.3	-1.4	1.9	1.5	-0.9	10628173	2.1	
18	401.1	1435.4	-1.7	-1.9	2.2	1.7	-1.2	11256721	2.6	
18	400.8	1435.2	-2	-3.4	2.4	2	-1.4	11896307	3.1	
18	400.5	1434.9	-1.8	-3.7	2.2	2.7	-1.3	12462798	3.4	
18	400.2	1434.9	-1.7	-4.4	1.8	3.4	-0.9	13085938	3.8	
18	399.9	1435.1	-2.1	-4.7	1.4	3.4	-0.4	13774671	4.2	
18	399.6	1435.3	-1.9	-5.3	1.2	3.3	0	14340754	4.2	
18	399.3	1435.3	-1.9	-5.5	0.6	3.8	0.4	14955357	4.2	
18	399	1435.2	-1.4	-5.6	0.2	3.8	0.5	15625000	4.2	
18	398.7	1435	-2	-6	-0.1	3.7	0.5	15982825	4.2	
18	398.4	1434.5	-1.8	-5.7	-0.4	4.2	0.2	15982825	4.1	
18	398.1	1434.1	-1.9	-5.6	-0.4	3.7	-0.1	15625000	3.9	
18	397.8	1433.8	-1.7	-5.6	-0.4	3.7	-0.5	14539931	3.8	
18	397.5	1433.6	-2.2	-6	-0.2	3.8	-1	13251582	3.8	
18	397.2	1433.5	-1.7	-5.5	-0.1	4.2	-1.4	12102601	3.6	
18	396.9	1433.6	-2	-5.3	0.1	3.8	-1.6	11317568	3.3	
18	396.6	1433.6	-0.7	-3.6	0.1	4.4	-1.7	10792526	3	
18	396.3	1433.7	-1.4	-4.8	-0.1	3.8	-1.5	10468750	2.9	
18	396	1434.1	-1.8	-5.2	0.1	3.6	-1.1	10365099	2.8	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
18	395.7	1434.3	-1.5	-4.1	0.1	3.4	-0.6	10521357	2.5	
18	395.4	1434.5	-1.6	-4.1	0	2.9	0	10962042	2.1	
18	395.1	1434.6	-2.3	-4.5	0	2.2	0.5	11762641	1.9	
18	394.8	1434.7	-2.8	-5.3	-0.3	1.6	0.9	12924383	2	
18	394.5	1434.9	-3.1	-6.3	-0.3	1.8	1.1	14146960	2.1	
18	394.2	1435.2	-2.8	-5.8	-0.2	0.9	1.2	15395221	2	
18	393.9	1435.6	-2.7	-4.8	0.2	1.4	1.2	17022358	2.1	
18	393.6	1435.6	-3.4	-5.3	0.3	1.1	0.9	18862613	2.3	
18	393.3	1435.6	-2.8	-4.8	0.5	1.6	0.6		2.3	
18	393	1435.2	-3.1	-4.7	0.5	1.4	0.2		2.5	
18	392.7	1434.7	-3.1	-4.5	0.4	2.1	-0.2		2.8	
18	392.4	1434.6	-3.2	-4.2	0.3	2.5	-0.3		3.2	
18	392.1	1434.6	-3.6	-4.1	0.2	2.8	-0.3		3.6	
18	391.8	1434.8	-2.8	-2.5	-0.2	3.4	-0.1		3.8	
18	391.5	1434.7	-2.6	-2.2	-0.5	3.4	0		3.9	
18	391.2	1434.6	-2.6	-2.7	-0.8	3.8	0.2		4.1	
18	390.9	1434.6	-2.8	-3.2	-0.7	3.6	0.3		4.2	
18	390.6	1434.5	-2.3	-2.2	-0.5	4.4	0.4	19386574	4.2	
18	390.3	1434.3	-2.5	-2.2	-0.4	4	0.5	17161885	4.1	
18	390	1434.4	-2.2	-1.3	-0.3	4.2	0.6	15625000	4	
18	389.7	1434.6	-2.5	-2.2	-0.2	3.8	0.8	14641608	3.8	
18	389.4	1434.9	-2	-1.6	0.2	3.7	0.7	13958333	3.3	
18	389.1	1434.9	-1.5	-0.5	0.5	3.2	0.5	13508065	2.8	
18	388.8	1434.9	-1.1	0.2	0.7	2.8	0.5	12845092	2.3	
18	388.5	1434.3	-1.5	0.2	0.3	2.2	0.4	11896307	2.1	
18	388.2	1433.9	-2	0	-0.2	1.4	0.5	10682398	2.1	
18	387.9	1433.7	-1.7	0.1	-0.5	1.7	0.8	9517046	2.1	
18	387.6	1433.5	-1.6	0.1	-1	1.3	1	8442541	2.2	
18	387.3	1433.3	-1.3	0.8	-1.3	2	1	7531475	2.5	
18	387	1433.1	-2	-0.1	-1.8	1.5	1	6797890	3	
18	386.7	1433.1	-1.2	0.7	-1.9	2.5	1.1	6268713	3.3	
18	386.4	1432.9	-0.7	0.7	-2.2	2.8	1.1	5931303	3.6	
18	386.1	1432.7	-0.5	1.5	-2	3.1	1	5767907	3.7	
18	385.8	1432.6	-0.3	1.5	-1.4	3.9	0.8	5736302	3.7	
18	385.5	1432.5	0	1.9	-1.1	4	0.6	5832173	3.6	
18	385.2	1432.5	0.8	2.5	-0.6	4.2	0.4	6016523	3.3	
18	384.9	1432.7	0.8	3	-0.1	3.9	0.4	6250000	3.1	
18	384.6	1432.9	0.9	2.6	0.3	4.3	0.4	6502329	2.8	
18	384.3	1433	0.7	2.7	0.5	3.4	0.4	6667994	2.6	
18	384	1433.1	1.3	2	0.8	3.2	0.2	6710737	2.1	
18	383.7	1433	1.7	3.1	0.6	3.4	0.2	6667994	1.7	
18	383.4	1432.6	1.1	2.9	-0.1	2.8	0.2	6522586	1.8	
18	383.1	1432.2	0.8	2.3	-0.7	2.2	0.2	6344697	2	
18	382.8	1431.9	1.4	3	-1.3	2.6	0.2	6176254	2	
18	382.5	1431.5	1.3	3.6	-1.9	2.3	0.1	5948154	2.2	
18	382.2	1431.2	0.8	3.6	-2	2.3	-0.1	5767907	2.6	
18	381.9	1431.1	1.1	4.2	-1.9	3.2	-0.2	5674120	2.7	
18	381.6	1431.2	1.2	4	-1.7	2.8	-0.2	5658784	2.9	
18	381.3	1431.6	0.5	3.2	-1.3	2.3	-0.2	5720629	3.1	
18	381	1432.3	0.4	3.8	-0.8	3	-0.1	5815972	3.3	
18	380.7	1432.9	1.1	3.9	-0.3	3.9	-0.1	5914548	3.3	
18	380.4	1433.5	0.9	4	0	3.3	0.1	6068841	3.2	
18	380.1	1433.8	1.5	4.6	0	4	0.3	6212908	3.2	
18	379.8	1433.7	1.3	4.5	-0.4	4.4	0.5	6383384	3.3	
18	379.5	1433.4	0.6	4.2	-1.1	3.8	0.7	6584120	3.4	
18	379.2	1433.1	1.2	4	-1.7	4.1	0.9	6754032	3.2	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
18	378.9	1433.3	0.9	3.5	-2	4	1.3	6887336	3.2	
18	378.6	1433.8	0.4	3	-2.2	4	1.8	7026007	3.2	
18	378.3	1434.4	0.3	3.1	-2.2	3.6	2.2	7073480	3.3	
18	378	1434.9	0.1	2.4	-1.9	4.3	2.3	7097458	3.3	
18	377.7	1435.5	0	2.5	-1.5	3.4	2.3	7170377	3.4	
18	377.4	1436	-0.4	1.8	-0.8	3.4	2	7269965	3.7	
18	377.1	1436.5	-0.6	1.9	0	3.9	1.6	7320804	3.9	
18	376.8	1436.6	-0.5	1.5	0.7	3.9	1	7372359	4.2	
18	376.5	1436.4	-0.4	1.1	1.2	4.5	0.2	7398410	4.5	
18	376.2	1436.1	-1.2	-0.1	1.5	4.6	-0.5	7398410	4.9	
18	375.9	1435.8	-1.2	0.3	1.4	5	-0.9	7346491	5.3	
18	375.6	1435.5	-2.7	-0.7	1.1	3.4	-1.2	7195017	5.7	
18	375.3	1435.6	-1.5	0.2	0.8	4.6	-1.1	7002509	5.8	
18	375	1435.9	-1.4	0.2	0.8	5.4	-0.8	6710737	5.9	
18	374.7	1436.3	-1.8	-0.5	0.5	5.1	-0.4	6383384	5.9	
18	374.4	1436.7	-1.6	0.4	0.2	5	0.3	6033862	5.7	
18	374.1	1436.6	-1.7	-0.5	-0.4	4.4	1	5705041	5.4	
18	373.8	1436.4	-2.3	-1.6	-0.6	4	1.4	5396263	5.1	
18	373.5	1436.2	-2.1	-1.6	-0.9	5.3	1.6	5157020	4.4	
18	373.2	1436.3	-0.9	-0.6	-2.6	4.4	1.5	4973278	3.5	
18	372.9	1436.4	-0.5	-0.5	-1.2	2.6	1.1	4835451	2.7	
18	372.6	1435.8	-1.4	-2.2	-0.6	1.8	1.1	4769363	2.4	aparato de via
18	372.3	1435.9	-1.3	-2.1	-0.4	1.3	0.8	4780251	2	
18	372	1435.8	-1.4	-2.3	-0.4	1	0.3	4824309	1.7	
18	371.7	1435.6	-1	-1.7	0	1	0	4903396	1	
18	371.4	1435.1	-1.1	-2.4	-0.4	1.2	-0.4	5008972	0.8	
18	371.1	1435.1	-4.8	-6.5	-0.4	-3.2	-0.4	5131741	0	
18	370.8	1439.4	-0.8	-1.9	3.3	0.5	-0.3	5260679	0.1	
18	370.5	1437.3	0.7	-0.1	1.2	1.6	-0.5	5382391	0.1	
18	370.2	1434.7	-0.1	-1.5	-1.5	1.4	-0.3	5495407	0.1	
18	369.9	1434.7	0.6	-0.7	-1.7	2.1	-0.3	5568484	0.1	
18	369.6	1435.1	0.3	-0.5	-1.6	1.8	-0.2	5613271	0.2	
18	369.3	1434.6	-0.4	-1.5	-2.2	1.3	-0.1	5658784	0.7	
18	369	1435.4	-0.8	-2	-1.2	1.5	-0.1	5720629	1.3	
18	368.7	1435.7	-1.2	-1.7	-1.2	3.4	-0.1	5832173	1.7	
18	368.4	1436.4	-1.5	-1.9	-3	1.5	0.2	6051301	2.7	
18	368.1	1436.8	-1.1	-2.2	-1.8	1.5	0.4	6363982	3.4	
18	367.8	1437.2	-1.3	-2.2	-0.1	2.1	0.5	6732315	4.1	
18	367.5	1437.5	-1.5	-3	0.1	2.3	0.6	7121599	4.7	
18	367.2	1437.9	-1.2	-2.5	0.1	3.2	0.8	7424646	5.3	
18	366.9	1438.1	-0.9	-1.5	0.6	4	0.8	7586051	5.7	
18	366.6	1438.4	-0.9	-2.1	0.4	4.3	1	7586051	6.1	
18	366.3	1438.9	-1	-1.9	0.7	4.3	1.1	7372359	6.2	
18	366	1439	0.2	-0.2	0.4	5.6	1.2	6979167	6.2	
18	365.7	1439.1	0.9	0.6	0.2	5.9	1.4	6522586	6.2	
18	365.4	1438.9	1.4	1.3	-0.2	6.2	1.4	6051301	6.1	
18	365.1	1438.9	1.3	1.3	-0.4	6.4	1.7	5674120	6.2	
18	364.8	1438.9	1.4	1.8	-0.5	6.2	2	5410207	6.1	
18	364.5	1438.9	2	2.6	-0.5	6.8	2.3	5260679	5.7	
18	364.2	1438.6	2.7	3.2	-0.4	7.4	2.4	5169753	5.4	
18	363.9	1438.5	3	3.4	-0.2	7.7	2.3	5119193	5.2	
18	363.6	1438.4	3.2	4.4	0.2	7.6	2	5045181	5	
18	363.3	1438.2	3.5	4.7	0.3	6.8	1.7	4949764	4.7	
18	363	1438.1	3.9	6.6	0.5	6.9	1.4	4961493	4.3	
18	362.7	1437.7	3.7	5.2	0.5	6.1	0.8	4824309	3.9	
18	362.4	1436.8	3.9	5.3	0.2	6.2	0	4611784	3.6	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
18	362.1	1436	2.7	4.5	-0.1	4.3	-0.5	4389413	3.7	
18	361.8	1434.8	2.2	3.8	-0.6	3.5	-0.9	4170817	3.5	
18	361.5	1433.8	2	3.7	-1.3	3	-1.1	3995706	3.4	
18	361.2	1433.5	1.1	3.4	-1.4	2.3	-1.2	3855894	3.3	
18	360.9	1433.3	1.9	4	-1.5	2.6	-1.1	3752241	3.1	
18	360.6	1433.6	1.2	2.1	-1.5	1.6	-1	3679702	2.9	
18	360.3	1433.9	1.8	2.3	-1.3	2	-0.7	3616149	2.9	
18	360	1434.2	1.2	2.6	-1.1	1.5	-0.2	3572953	2.9	
18	359.7	1434.2	2.2	3.5	-1.2	3	0.2	3542725	2.8	
18	359.4	1434.1	1.7	3.1	-1.1	2.8	0.4	3513004	2.7	
18	359.1	1433.9	1.9	2.9	-0.8	3.3	0.5	3477990	2.7	
18	358.8	1433.8	1.1	2.2	-0.9	3.3	0.6	3443668	3	
18	358.5	1433.7	1.3	6.1	-1.1	3.4	0.5	3410017	3.1	
18	358.2	1434.1	1	1.8	-1.1	3.6	0.5	3398945	3.1	
18	357.9	1434.1	1.7	1	-1.5	4.3	0.5	3410017	3.2	
18	357.6	1434.2	1.2	1.3	-1.6	5	0.6	3443668	3.3	
18	357.3	1434.5	1.3	0.7	-1.6	4.8	0.8	3507119	3.3	
18	357	1434.8	0.9	0.6	-1.5	4.4	1	3609914	3.1	
18	356.7	1434.7	0.6	1	-2	3.7	1	3745528	3	
18	356.4	1434.8	0.5	1.3	-2.5	3.9	1	3935621	2.9	
18	356.1	1435.3	0	1.2	-2.2	2.9	1.1	4179142	2.8	
18	355.8	1435.9	-0.2	1.3	-1.9	3	1.2	4473825	2.5	
18	355.5	1436.2	-0.6	0.5	-1.8	2.4	1.3	4835451	2.3	
18	355.2	1436.2	-2.2	-0.9	-1.5	2.7	1.2	5234375	2.2	
18	354.9	1436.5	-2.6	-1.1	-0.8	2.7	1	5720629	1.9	
18	354.6	1436.6	-2.5	-1.3	-0.1	0.4	0.7	6306476	1.5	
18	354.3	1437.5	-2.1	-1.2	0.7	0.4	1	7002509	1.1	
18	354	1438.9	-2.1	-1.2	2	0.2	1.4	7783457	0.8	
18	353.7	1439.2	-1.5	-0.5	1.7	0.5	2	8580943	0.2	
18	353.4	1439.1	-2.4	-2.6	1.1	-0.6	2.4	9264381	0.2	
18	353.1	1439.2	-3.1	-4	2.1	-1.4	1.4	9783879	0.2	
18	352.5	1438	-8.1	-9.4	-0.8	-4.2	3.1	10163835	1.3	
18	352.2	1437.1	-3.7	-5.1	-1.6	0.8	3.1	9829812	2.4	aparato de via
18	351.9	1436.9	-3.4	-5.4	-2	1.7	2.8	9305556	2.9	
18	351.6	1436.1	-3.6	-6.3	-2.8	2.1	2.2	8651860	3.4	
18	351.3	1435.6	-3.7	-6.7	-2.8	2	1.5	8052885	3.7	
18	351	1435.4	-3	-6.2	-2.7	3.1	1.1	7531475	3.8	
18	350.7	1435.1	-2.3	-5.8	-2.8	4.3	0.8	7121599	3.9	
18	350.4	1434.7	-2.4	-6.3	-2.8	6.9	0.5	6775890	4	
18	350.1	1434.8	-2.7	-6.4	-2	6.9	0.4	6482198	4.1	
18	349.8	1434.6	-1.8	-5.7	-1.7	5.8	0.2	6250000	4.1	
18	349.5	1434.6	-2.3	-5	-1.6	4.9	0.3	6068841	4.1	
18	349.2	1434.6	-2.5	-4.7	-1.2	4.8	0.5	5864846	4.1	
18	348.9	1434.6	-2.5	-4.5	-1	4.8	0.5	5613271	4	
18	348.6	1434.8	-2.2	-3.3	-0.6	4.6	0.5	5368590	3.5	
18	348.3	1435	-2.3	-4.2	-0.2	3.9	0.4	5106708	3.2	
18	348	1435.1	-2.2	-3.4	0.3	3.8	0.2	4857889	3	
18	347.7	1434.9	-2.8	-4.6	0.5	3.1	-0.1	4621965	2.9	
18	347.4	1435	-3.2	-4.4	1	2.4	-0.5	4426533	2.8	
18	347.1	1434.8	-2.8	-5	1.3	3.1	-0.9	4281698	2.8	
18	346.8	1434.6	-2.8	-4.5	1.7	3.3	-1.3	4170817	2.8	
18	346.5	1434.5	-3	-4.9	2.2	3.8	-1.7	4081384	3.1	
18	346.2	1434.4	-3.7	-4.8	2.3	3.6	-2	4011016	3.6	
18	345.9	1434.5	-3.7	-5	2.4	3.7	-2.1	3965436	4	
18	345.6	1434.5	-3.6	-4.6	2.3	4.2	-2.1	3928237	4.4	
18	345.3	1434.2	-3.4	-5.1	1.9	5	-1.9	3898976	4.7	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
18	345	1434.4	-3.9	-5.1	1.9	5.1	-1.7	3848806	4.7	
18	344.7	1434.2	-3.9	-5.2	1.5	4.6	-1.4	3779333	4.7	
18	344.4	1433.9	-4.1	-5	0.9	4.1	-1	3686180	4.5	
18	344.1	1433.4	-4.9	-5.5	0	3.5	-0.6	3616149	4.3	
18	343.8	1433.3	-5.1	-5.6	-0.4	3.1	-0.2	3579060	3.7	
18	343.5	1433.4	-4.5	-4.5	-0.8	3.1	0.2	3597509	3.2	
18	343.2	1433.5	-4.6	-4.4	-1.1	2.5	0.5	3660403	2.8	
18	342.9	1433.4	-4.6	-4	-1.1	1.9	0.7	3686180	2.6	
18	342.6	1433.3	-5.3	-3.1	-1.3	1.2	0.7	3799910	2.5	
18	342.3	1433.3	-4.9	-2.3	-1.2	2.2	0.7	4003346	2.6	
18	342	1433.3	-4.5	-2	-1	2.6	0.7	4238361	2.7	
18	341.7	1433.5	-5.1	-3	-0.7	3	0.8	4473825	3.3	
18	341.4	1433.5	-5.4	-3.3	-0.5	3.2	0.7	4652778	3.6	
18	341.1	1433.5	-5.1	-3.6	-0.4	3.8	0.6	4747733	3.8	
18	340.8	1433.6	-5	-2.6	-0.3	4.2	0.5	4758523	4	
18	340.5	1433.5	-4.4	-1.3	-0.4	4.7	0.5	4694507	4.1	
18	340.2	1433.4	-4.2	58.1	-0.9	6	0.7	4551631	4.2	
18	339.9	1433.5	-5.1	3	-1.1	5	1	4371086	4.3	
18	339.6	1433.4	-4.7	-1	-1.5	5.6	1.2	4162525	4.2	
18	339.3	1433.4	-4.7	-1.3	-2.1	5.5	1.6	3965436	4.1	
18	339	1433.3	-4.9	-1.3	-2.6	5.6	2.1	3779333	3.9	
18	338.7	1433.1	-5.6	-1.9	-2.9	4.9	2.3	3591338	3.8	
18	338.4	1433.3	-5.9	-2.9	-2.8	4.4	2.5	3404472	3.6	
18	338.1	1433.4	-5.5	-3.2	-2.8	4.3	2.6	3226118	3.3	
18	337.8	1433.8	-6.6	-4.2	-2.3	2.9	2.7	3056570	3	
18	337.5	1433.9	-6.7	-4	-2.1	3.6	2.6	2887932	2.8	
18	337.2	1434.2	-7.6	-5.8	-1.7	2.4	2.4	2719156	2.6	
18	336.9	1434.3	-7.1	-4.8	-1.5	3.2	2.3	2556472	2.3	
18	336.6	1434.1	-7.9	-5.4	-1.5	2.3	2.1	2406610	2.1	
18	336.3	1433.9	-8.3	-5.8	-1.4	2.6	1.9	2270879	1.9	
18	336	1433.7	-8.5	-6.3	-1.5	2.4	1.7	2151851	1.7	
18	335.7	1433.7	-8.6	-6.3	-1.5	2.4	1.7	2050686	1.6	
18	335.4	1433.4	-8.9	-6.7	-1.9	2.8	1.7	1964119	1.5	
18	335.1	1433.4	-9.8	-7	-2	1.9	1.9	1891374	1.5	
18	334.8	1433.6	-10.1	-6.9	-1.9	2.1	2	1833407	1.5	
18	334.5	1433.6	-11.3	-8.5	-2	1.2	2.1	1786477	1.8	
18	334.2	1433.6	-11.3	-8.5	-1.8	2.1	2.1	1749165	2	
18	333.9	1433.7	-12.4	-9.4	-1.7	1.6	2	1717597	2.4	
18	333.6	1433.7	-12.5	-8.8	-1.3	2.2	1.7	1691237	2.7	
18	333.3	1433.5	-13.4	-9.7	-1.3	1.6	1.4	1666999	3.1	
18	333	1433.4	-13.8	-10.2	-0.8	2	1	1643447	3.2	
18	332.7	1433.1	-13.7	-10.3	-0.8	2.8	0.6	1619297	3.3	
18	332.4	1432.8	-13.9	-10	-0.9	3.1	0.3	1593418	3.3	
18	332.1	1432.6	-14.2	-10.3	-0.9	3.6	0.2	1566007	3.3	
18	331.8	1432.5	-14.9	-10.8	-0.9	3.1	0.2	1536135	3.3	
18	331.5	1432.8	-15	-10.1	-0.7	3.6	0.4	1506296	3.1	
18	331.2	1433	-15.5	-10.4	-0.7	3.3	0.6	1477595	2.9	
18	330.9	1433.1	-15.2	-10.7	-1	3.6	1	1449966	2.6	
18	330.6	1433.1	-16.3	-11.7	-1.4	3.2	1.4	1424321	2.4	
18	330.3	1433.1	-16.6	-12	-1.8	2.8	1.9	1400503	1.9	
18	330	1433.1	-17.3	-12	-2.2	1.7	2.3	1380192	1.7	
18	329.7	1433	-17.6	-12.7	-2.7	1.2	2.6	1363120	1.6	
18	329.4	1432.7	-18.1	-13.6	-3.2	1.1	2.8	1349067	1.6	
18	329.1	1432.5	-18.6	-13.5	-3.9	1.1	3.1	1338716	1.6	
18	328.8	1432.5	-19.4	-14	-4.4	0.6	3.4	1331903	1.7	
18	328.5	1432.7	-19.1	-14	-4.4	0.9	3.7	1325999	1.9	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
18	328.2	1432.8	-20.4	-15.4	-4.5	0.5	3.8	1320979	2.5	
18	327.9	1433	-21.2	-16.8	-4.4	1	3.8	1315997	3.4	
18	327.6	1433.3	-20.7	-16.5	-4.3	2.9	3.9	1311053	4.1	
18	327.3	1433.7	-20.3	-15.2	-4	3.4	4	1306146	4.6	
18	327	1433.8	-20.3	-15.6	-3.6	4.1	4	1299660	4.9	
18	326.7	1433.8	-21.2	-16.5	-3	3.9	3.8	1293238	5.2	
18	326.4	1434	-21	-16.1	-2.4	4.6	3.5	1284510	5	
18	326.1	1433.8	-21.1	-15.5	-2.1	4	3.1	1274347	4.7	
18	325.8	1433.9	-20.5	-14.6	-1.5	4.8	2.7	1263580	4.3	
18	325.5	1434.1	-21	-15.5	-0.9	4.4	2.4	1253744	4	
18	325.2	1434.3	-21.7	-15.1	-0.8	3.4	2.2	1244799	3.5	
18	324.9	1434.3	-20.5	-13.8	-0.8	3.5	1.8	1237442	2.8	
18	324.6	1434.1	-20.8	-13.2	-0.9	2.6	1.6	1230895	2.3	
18	324.3	1433.6	-21.2	-14.1	-1.5	2.7	1.5	1225850	2	
18	324	1433.3	-21.9	-14	-2	2.3	1.6	1220847	1.9	
18	323.7	1432.8	-21.7	-13.4	-2.7	2.8	1.7	1215178	1.7	
18	323.4	1432.5	-21.6	-13.1	-3.4	2	2	1206774	1.5	
18	323.1	1432.3	-21.5	-12.9	-3.9	2.6	2.3	1195747	1.5	
18	322.8	1432.5	-22.5	-13.6	-4.2	2.1	2.6	1180244	1.7	
18	322.5	1432.8	-22.1	-12.3	-4.3	2.2	2.8	1161905	1.7	
18	322.2	1433	-21.9	-11.8	-4.3	2.2	3	1141632	1.9	
18	321.9	1433.3	-22.6	-11.3	-4	2	3.3	1121453	2.3	
18	321.6	1433.5	-23.5	-12.2	-4	1.8	3.5	1101395	2.7	
18	321.3	1433.7	-24.4	-12	-3.5	1.2	3.4	1083162	3.1	
18	321	1433.9	-23.7	-11.2	-3.1	2.1	3.3	1064981	3.2	
18	320.7	1433.7	-24.1	-10.7	-3.1	1.4	3.1	1048449	3.3	
18	320.4	1433.9	-24.2	-10.4	-3	1.8	3	1033442	3.3	
18	320.1	1434.3	-24.6	-10.9	-2.7	1.1	2.9	1020845	3.3	
18	319.8	1434.5	-23.6	-9.7	-2.6	1.7	2.9	1009524	3.1	
18	319.5	1434.5	-23.4	-9.2	-2.6	2.3	2.8	998928	3.1	
18	319.2	1434.6	-23.3	-8.4	-2.4	2.6	2.8	988552	3	
18	318.9	1434.8	-23.4	-8.4	-2.4	2.7	2.9	979305	3	
18	318.6	1435	-23.6	-8.1	-2.4	2.1	3	972030	3.1	
18	318.3	1435.1	-23	-7.8	-2.2	3.1	3.1	967539	3	
18	318	1435.3	-22.9	-6.6	-2.2	2.9	3.2	964863	2.9	
18	317.7	1435.4	-22.8	-6.2	-2.3	3	3.3	963975	2.8	
18	317.4	1435.3	-22.6	-5.3	-2.3	2.7	3.2	964419	2.8	
18	317.1	1435.2	-22.5	-4.9	-2.3	3	3.2	966199	2.7	
18	316.8	1434.9	-22.2	-4.1	-2.4	3.3	3.1	968434	2.5	
18	316.5	1434.9	-21.8	-3.2	-2.6	3.3	3.2	970678	2.3	
18	316.2	1434.8	-21.5	-2.1	-2.8	3.7	3.2	972030	2.3	
18	315.9	1434.7	-22.2	-3.1	-2.9	2.5	3.1	970678	2.2	
18	315.6	1434.7	-21.6	-1.2	-3	3.1	3	966645	2.1	
18	315.3	1434.6	-21.4	-0.2	-3.2	3	2.9	960878	2	
18	315	1434.4	-21.3	-0.6	-3.4	2.9	2.9	954309	2	
18	314.7	1434.1	-22.1	-1.8	-3.7	2.2	2.9	946543	2.1	
18	314.4	1433.8	-22.6	-2.3	-3.8	2	2.8	938903	2.1	
18	314.1	1433.8	-22.3	-1.1	-4	1.8	2.8	931385	2.1	
18	313.8	1433.8	-22.1	-1.1	-4	1.7	2.8	925212	2.1	
18	313.5	1433.8	-22	-0.9	-4.1	2	2.9	920331	2	
18	313.2	1434	-22.4	-1.9	-3.9	1.5	3	917106	1.9	
18	312.9	1434.5	-21.9	-0.9	-3.7	1.8	3.3	915502	1.9	
18	312.6	1434.6	-21.8	-0.1	-3.6	1.4	3.4	914702	1.8	
18	312.3	1434.7	-22	-1.5	-3.3	1.4	3.5	914303	1.8	
18	312	1434.8	-22.7	-1.9	-3	0.9	3.5	913505	1.9	
18	311.7	1435.1	-22.2	-1	-2.9	1.3	3.6	913505	1.9	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
18	311.4	1435.2	-21.9	0	-2.9	0.7	3.6	913904	1.9	
18	311.1	1435.3	-21.7	0	-3.1	1	3.9	914303	1.9	
18	310.8	1435	-22.3	-0.7	-3.8	1.1	4.1	914702	2.5	
18	310.5	1435.2	-22.1	-0.6	-3.9	1.1	4.3	915502	2.8	
18	310.2	1435.2	-21.4	1.1	-4.1	2.5	4.4	916705	3	
18	309.9	1435	-21	1.1	-4.6	2.9	4.6	918716	3.3	
18	309.6	1434.8	-20.9	1	-5.1	3.9	4.8	921952	3.8	
18	309.3	1435	-21	1.6	-5.3	4	5	925212	4.1	
18	309	1435.1	-19.2	4.3	-5.4	5.9	5.1	928494	4.2	
18	308.7	1435.2	-19.6	4.8	-5.3	5.3	5	932214	4.2	
18	308.4	1435.3	-19.4	4.3	-4.8	5.7	4.7	936803	4.1	
18	308.1	1435.1	-19	5.1	-4.9	6	4.4	941860	3.9	
18	307.8	1435.2	-20	4.2	-4.5	4.6	4	947400	3.7	
18	307.5	1435.2	-19.3	5.3	-4.2	4.6	3.8	953440	3.4	
18	307.2	1435.4	-19.4	4.2	-3.6	3.8	3.6	959557	3.1	
18	306.9	1435.5	-19.6	3.8	-3.4	3.5	3.5	966199	2.9	
18	306.6	1435.7	-19.9	3.4	-3	2	3.3	973839	2.8	
18	306.3	1435.7	-19.6	3.8	-2.8	2.4	3.2	982522	2.9	
18	306	1435.9	-19.8	3.8	-2.8	2.1	3.4	991830	3.1	
18	305.7	1436.1	-20	3	-2.7	1.8	3.6	1001317	3.3	
18	305.4	1436.2	-20.3	2.6	-2.7	2.1	3.7	1010499	3.7	
18	305.1	1436.2	-20	2.8	-2.8	2.4	3.7	1019851	4	
18	304.8	1436.1	-19.3	3.3	-2.9	3.3	3.6	1030390	4.2	
18	304.5	1435.8	-19.4	3.1	-3.1	3.3	3.4	1042187	4.4	
18	304.2	1435.6	-19.1	3.1	-3.4	3.7	3.3	1053726	4.4	
18	303.9	1435.4	-18.7	3.1	-3.5	3.7	3.1	1064981	4.3	
18	303.6	1435.3	-18.2	3.3	-3.4	3.9	2.9	1074822	4.1	
18	303.3	1435.3	-18	4.2	-3.4	3.5	2.8	1084846	3.6	
18	303	1435.2	-17.5	4.1	-3.5	3.3	2.7	1095059	3.1	
18	302.7	1435.3	-17.5	3.9	-3.5	2.8	2.8	1106050	2.8	
18	302.4	1435.3	-17.4	3.9	-3.5	2.1	2.9	1116668	2.6	
18	302.1	1435.6	-17	5.1	-3.4	2.1	3.2	1127492	2.3	
18	301.8	1435.7	-16.8	5.8	-3.3	1.4	3.3	1137909	1.9	
18	301.5	1435.9	-16.6	5.7	-2.9	0.7	3.4	1149782	1.7	
18	301.2	1435.8	-16.3	5.8	-2.8	0.6	3.3	1163196	1.6	
18	300.9	1435.8	-15.7	6.3	-2.6	0.9	3.2	1181576	1.6	
18	300.6	1435.8	-15.2	7.2	-2.1	0.4	2.9	1203998	1.5	
18	300.3	1435.9	-15.1	6.8	-1.8	0.6	2.7	1229449	1.7	
18	300	1435.7	-14.5	7.3	-1.6	0.9	2.4	1257509	2	
18	299.7	1435.8	-14.1	7.9	-1.1	1.2	2.1	1288463	2.2	
18	299.4	1435.7	-13.4	9.3	-1	2	2	1322648	2.5	
18	299.1	1435.5	-12.5	9.7	-1.1	2.6	2	1360462	2.7	
18	298.8	1435.3	-12.4	9.5	-1.1	2.6	2	1399567	3.1	
18	298.5	1435.1	-12	9.7	-1.2	3.1	1.9	1437029	3.4	
18	298.2	1434.9	-10.6	11.7	-1.4	4.3	1.9	1472399	3.8	
18	297.9	1434.7	-10.4	11.7	-1.7	4.2	1.9	1506296	4	
18	297.6	1434.4	-9.5	11.9	-1.9	4.6	1.9	1538392	4	
18	297.3	1433.9	-9.1	11.9	-2.5	4.3	1.8	1571885	4.1	
18	297	1433.7	-9	11.9	-2.4	4.1	1.7	1605637	4.2	
18	296.7	1433.3	-8.2	12.8	-2.4	4	1.4	1639586	4.1	
18	296.4	1433.1	-7.6	11.6	-2.5	4.6	1.3	1675001	4	
18	296.1	1433	-7.6	12	-2.4	3.4	1.2	1711980	3.8	
18	295.8	1433	-7.1	12.3	-2.1	3.9	1.1	1753560	3.7	
18	295.5	1433.1	-6.2	12.8	-2	4.2	1.1	1800302	3.4	
18	295.2	1433.2	-5.8	14.2	-1.7	3.1	1	1851239	2.7	
18	294.9	1433.3	-4.6	14.7	-1.2	3.2	0.8	1903410	1.9	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
18	294.6	1433.1	-4.5	14.9	-1	2.7	0.6	1951306	1.4	
18	294.3	1433.1	-3.6	16	-0.9	2.4	0.6	1999762	0.5	
18	294	1433.2	-4	15.9	-0.7	1.4	0.7	2052697	-0.1	
18	293.7	1433.2	-2.5	17.1	-1	2.2	1	2106389	-0.7	
18	293.4	1433.2	-3.9	15.9	-1	-0.4	1.1	2160733	-0.9	
18	293.1	1433.3	-3.7	16.3	-1	-0.9	1.2	2217956	-0.9	
18	292.8	1433.4	-2.9	17.4	-1.2	-0.4	1.4	2280774	-0.8	
18	292.5	1433.5	-2.8	17.2	-1.3	-1	1.6	2355175	-0.4	
18	292.2	1433.4	-2.6	16.7	-1.3	-0.8	1.7	2454573	-0.1	
18	291.9	1433.4	-2.8	16.6	-1.3	-1.2	1.8	2569019	0.1	
18	291.6	1433.3	-3.4	15.7	-1.3	-0.9	1.7	2694660	0.9	
18	291.3	1433.3	-3.2	15.5	-1.2	-0.6	1.5	2837060	1.8	
18	291	1433.2	-1.7	16.5	-0.9	1.5	1.1	2986805	2	
18	290.7	1433.1	-1.1	16.9	-0.8	2.2	0.8	3139056	2	
18	290.4	1433.2	-0.8	16.7	-0.6	1.7	0.7	3281740	1.7	
18	290.1	1433.1	0.1	17.6	-0.5	2.1	0.6	3410017	1.2	
18	289.8	1433	0.6	18	-0.4	1.6	0.6	3513004	0.7	
18	289.5	1432.8	0.6	17.6	-0.4	1.5	0.6	3572953	0.4	
18	289.2	1432.7	0.7	17.5	-0.4	1.7	0.6	3628683	0.1	
18	288.9	1432.8	0.9	17.5	-0.4	2.3	0.8	3692681	0	
18	288.6	1432.9	1.5	17.8	-0.7	1.5	1.1	3772523	0	
18	288.3	1432.9	1.2	16.9	-1	0.5	1.2	3863008	0	
18	288	1432.8	1.2	16.4	-1.2	0.5	1.2	3980514	0.1	
18	287.7	1432.5	1.2	16.3	-1.5	0.1	1.1	4137846	0.1	
18	287.4	1432.1	2	16.5	-1.7	0.4	0.9	4343880	0.1	
18	287.1	1431.8	1.8	15.9	-1.8	0.8	0.8	4581510	0.3	
18	286.8	1431.6	1.6	15	-1.9	1	0.8	4869186	0.5	
18	286.5	1431.5	0.4	12.9	-1.8	0.3	0.6	5182550	1	
18	286.2	1431.9	1.7	14.1	-1.3	1.2	0.5	5553714	1.1	
18	285.9	1432.3	2.5	14.5	-0.8	2.4	0.5	5965100	1	
18	285.6	1432.5	2.5	13.1	-0.4	2.7	0.5	6363982	1.1	
18	285.3	1432.7	2.2	12.6	0	2.8	0.5	6797890	1.1	
18	285	1432.9	2.8	12.3	0.4	3.1	0.6	7219828	1	
18	284.7	1432.9	2.1	11.2	0.6	2.8	0.9	7531475	1	
18	284.4	1432.6	1.5	10.5	0.6	2.8	0.8	7726015	1.4	
18	284.1	1432.6	1.3	9.5	0.8	3.8	0.6	7900944	1.8	
18	283.8	1432.4	1.8	9.4	0.4	3.8	0.5	8083977	2.3	
18	283.5	1432.2	1.1	8.7	0	2.9	0.4	8408635	3	
18	283.2	1432	0.5	7.6	-0.3	2.8	0.3	8834388	3.8	
18	282.9	1431.8	-0.3	5.9	-0.6	3.1	0.1	9431306	4.7	
18	282.6	1431.7	-0.6	5.2	-0.8	3.3	-0.1	10468750	5.5	
18	282.3	1430.9	-1.2	3.4	-1.1	3.7	-0.7	12316177	6.6	
18	282	1430.9	-1.4	3.1	-1.4	5.4	-0.6	15509259	7.1	
18	281.7	1431	-1.8	1.8	-1.4	5.4	-0.5		7.2	
18	281.4	1431.1	-1.2	2.8	-1.3	5	-0.5		6.9	
18	281.1	1431.3	-0.2	2.3	-1.1	5.3	-0.4		6.1	
18	280.8	1431.6	0.4	4.3	-0.9	5.3	-0.2		5	
18	280.5	1432	0.5	4.2	-0.6	4.8	0		3.9	
18	280.2	1432.3	0.4	3.3	-0.5	3.6	0.3		2.9	
18	279.9	1432.6	1.4	4.2	-0.1	2.8	0.6		1.3	
18	279.6	1433.1	-1	1.6	-0.1	0.1	1.1		0.3	
18	279.3	1433.2	-1.3	1.5	-0.1	-0.3	1.1	-2E+07	0	
18	279	1433.5	-0.3	3.1	0	-0.3	1	-1.8E+07	-0.2	
18	278.7	1433.4	0.1	3.3	-0.1	-0.7	0.8	-1.7E+07	-0.2	
18	278.4	1433.4	-0.3	1.4	-0.1	-1.1	0.6	-1.7E+07	-0.2	
18	278.1	1433.4	-0.4	0.7	-0.1	-1.7	0.3	-1.6E+07	-0.1	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
18	277.8	1433.4	0	0.8	0.1	-0.5	-0.1	-1.4E+07	0	
18	277.5	1433.3	1	0.9	0.1	-0.2	-0.5	-1.3E+07	0	
18	277.2	1433.4	-0.1	-0.7	0.2	-0.3	-0.7	-1.2E+07	0.1	
18	276.9	1433.4	-0.2	-0.8	0.4	0.2	-1	-1.1E+07	0.2	
18	276.6	1433.8	0.8	0.1	0.8	0.5	-1.2	-9389014	0.2	
18	276.3	1434	1.4	0.5	1.2	1.2	-1.4	-8408635	0.5	
18	276	1434.2	0.8	-0.7	1.4	1.4	-1.4	-7531475	1.2	
18	275.7	1434.5	1.8	0.6	1.4	3.1	-1.1	-6689297	1.6	
18	275.4	1434.6	0.5	-0.7	1.5	1.2	-1	-5999284	2.2	
18	275.1	1434.8	1.1	-0.1	1.7	1.8	-0.8	-5424223	2.5	
18	274.8	1434.8	1.6	-0.4	1.4	3.2	-0.4	-4949764	3.5	
18	274.5	1434.9	1	-0.8	1.5	3	-0.1	-4531927	4.1	
18	274.2	1434.9	1.4	-0.2	1.2	3.2	0	-4204318	4.5	
18	273.9	1435	1.4	1	1.3	3.4	0.1	-3950472	5.3	
18	273.6	1435	1.5	-0.2	1.4	4	0	-3752241	5.9	
18	273.3	1434.9	1	-1.5	1.3	3.8	-0.1	-3597509	7.2	
18	273	1434.8	3	0.5	1.3	6	-0.3	-3472223	7.3	
18	272.7	1434.6	2.5	0.3	1.5	5.7	-0.8	-3382472	7.1	
18	272.4	1434.1	3.8	1	1.4	5.4	-1.4	-3318146	6.4	
18	272.1	1433.7	4.4	2.3	1.3	5.6	-1.8	-3307662	5.7	
18	271.8	1433.5	4.7	3.2	1.2	4.9	-2.1	-3302445	5.2	
18	271.5	1433.2	5.2	3.9	1	4.5	-2.3	-3302445	4.7	
18	271.2	1433	6	4.2	0.8	3.4	-2.5	-3297245	3.7	
18	270.9	1432.8	7	5.9	0.4	4.8	-2.3	-3286892	3	
18	270.6	1433	8	7.5	0.2	3.2	-2	-3266381	1.8	
18	270.3	1433.1	6.7	7	-0.2	1.7	-1.4	-3221154	2.3	
18	270	1433.3	7.9	8.5	-0.1	2	-1	-3148497	1.9	
18	269.7	1433.4	8	9.2	0.3	0.7	-0.7	-3056570	1.7	
18	269.4	1433.8	8.6	10	0.9	1.6	-0.5	-2936536	1.7	
18	269.1	1434.1	9.4	11.2	1.2	1.7	-0.1	-2821766	2.1	
18	268.8	1434.3	11	12.2	1.5	4	0.2	-2722692	2.6	
18	268.5	1434.5	9.3	9.5	1.7	1.7	0.5	-2640291	3	
18	268.2	1434.7	10.2	9.8	2.2	2.3	0.3	-2565871	3.1	
18	267.9	1434.8	12.2	11.7	2.4	4.6	0.2	-2501494	3.1	
18	267.6	1434.7	11.8	11.4	2.5	3.9	-0.2	-2445970	3.3	
18	267.3	1433.8	13.6	12.2	2.2	5.7	-0.8	-2401090	3.8	
18	267	1433.3	12.7	13.7	1.9	5.2	-1.4	-2365820	4	
18	266.7	1432.9	14.4	15.7	1.6	6	-1.8	-2334170	4.2	
18	266.4	1432.3	13.2	13.5	1	5.1	-2	-2300825	5	
18	266.1	1431.7	14.2	14.1	0.6	6.6	-2.4	-2265964	5.2	
18	265.8	1431.3	13.9	14.2	0.7	6.5	-3	-2229766	5.2	
18	265.5	1431.3	14.7	15.1	0.7	6.2	-3.1	-2187827	5.1	
18	265.2	1431.4	14.6	14.6	0.8	5.7	-3.2	-2143041	4.7	
18	264.9	1431.5	15.4	14.4	1.1	5.1	-3.1	-2091659	4.4	
18	264.6	1431.9	14.4	14.5	1.5	4.2	-3	-2030796	4.2	
18	264.3	1432.1	15.7	15.9	1.5	4	-2.8	-1964119	3.7	
18	264	1432.3	15.1	14.3	1.5	4	-2.6	-1898233	3.1	
18	263.7	1432.5	16.2	14.8	1.5	3.6	-2.3	-1833407	2.7	
18	263.4	1432.6	14.9	14.1	1.5	2.1	-2	-1775870	2.5	
18	263.1	1432.6	15	13.2	1.4	2.8	-1.8	-1726093	2.3	
18	262.8	1432.9	15.5	15	1.4	2.7	-1.5	-1687148	2.2	
18	262.5	1433.1	15.8	14.7	1.4	2.2	-1.3	-1663027	2.1	
18	262.2	1433.5	16	14.4	1.2	3.5	-0.9	-1659074	2.1	
18	261.9	1434	16.4	15.4	1.4	3.1	-0.7	-1672325	2	
18	261.6	1434.6	15.2	13.8	1.8	2.4	-0.5	-1699473	2	
18	261.3	1434.8	16.5	15.1	2	3.2	-0.6	-1738996	1.9	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
18	261	1434.9	16.8	15.3	2.1	4.5	-0.6	-1784954	1.9	
18	260.7	1434.7	14.4	13.4	1.8	3	-0.6	-1828603	2.7	
18	260.4	1434.7	15.3	12.3	2	3.1	-0.9	-1864426	2.4	
18	260.1	1434.6	16	13.5	2.2	3.8	-1.2	-1881178	2.2	
18	259.8	1434.4	14.8	11	2	2.6	-1.4	-1881178	2.4	
18	259.5	1434.4	14.8	10.4	2	2.7	-1.7	-1862768	2.5	
18	259.2	1434.3	14.5	9.8	1.7	3	-1.8	-1830202	2.7	
18	258.9	1434.4	14.3	9.1	1.7	3.3	-1.7	-1786477	3	
18	258.6	1434.3	13.4	7.4	1.4	1.8	-1.6	-1736112	3.3	
18	258.3	1434.4	13.1	6.1	1.7	2.6	-1.7	-1681728	3.5	
18	258	1434.3	13.7	5.7	1.5	3	-1.8	-1630647	3.7	
18	257.7	1434.2	12.9	6.2	1.5	1.8	-2	-1582578	3.9	
18	257.4	1434.1	13.2	5.3	1.5	2.5	-2.1	-1541790	4	
18	257.1	1434.2	12.8	4.8	1.3	2.5	-2	-1511734	4.3	
18	256.8	1434.3	13.3	4.7	1.6	3.1	-2.2	-1491276	4.4	
18	256.5	1434.1	11.5	2.1	1.6	1.3	-2.5	-1478638	4.7	
18	256.2	1434.1	13	2	1.8	4	-2.8	-1471364	4.7	
18	255.9	1434.2	13.6	4.3	1.9	3.7	-2.9	-1471364	4.7	
18	255.6	1434.6	13.6	3.4	2.3	3.5	-2.9	-1481777	4.4	
18	255.3	1434.8	14	1.8	2.5	3.6	-3	-1497676	4.2	
18	255	1435	14.5	2.7	2.9	4.2	-3.2	-1517211	3.8	
18	254.7	1435.3	14.4	0.8	3.2	4	-3.4	-1539523	3.6	
18	254.4	1435.5	14.8	2.1	3.4	4	-3.6	-1562501	3.4	
18	254.1	1435.6	15.5	1.1	3.6	5.4	-3.7	-1586175	3	
18	253.8	1435.9	14.1	0.9	4	2.8	-3.8	-1608104	2.6	
18	253.5	1435.9	16.1	1.9	3.9	4.4	-3.7	-1624322	2.3	
18	253.2	1436.1	15.3	1.4	4.1	3.5	-3.5	-1637022	2.3	
18	252.9	1436.3	16.3	1.6	4.1	4.7	-3.1	-1648623	2.1	
18	252.6	1436.4	15	0.4	4	2.7	-2.6	-1657760	2.4	
18	252.3	1436.9	15.2	-0.2	3.6	3.8	-1.7	-1664349	2.3	
18	252	1437.1	15.1	0.7	3	2.8	-0.8	-1666999	2.3	
18	251.7	1437.3	14.6	-1.1	2.5	2.4	-0.1	-1666999	2.1	
18	251.4	1437.3	14.9	-0.2	1.4	3.5	0.5	-1665673	2.2	
18	251.1	1437.1	14.4	-1.8	1	1.9	0.6	-1665673	2.3	
18	250.8	1436.4	14.7	-0.2	0.2	3.7	0.5	-1664349	3	
18	250.5	1435.9	13.4	-1.6	-0.1	2.3	0.2	-1664349	3.3	
18	250.2	1435.1	14.9	-0.6	-0.4	4.8	-0.4	-1668328	3.5	
18	249.9	1434.7	12.9	-2.9	-0.2	3.1	-1	-1675001	4.3	
18	249.6	1434.4	14.5	-1.5	0.3	6.3	-1.8	-1681728	4.9	
18	249.3	1434.3	13.1	-3.3	1	4.9	-2.5	-1689872	5.4	
18	249	1434.9	13	-2.2	2.2	5.7	-2.9	-1695345	5.5	
18	248.7	1435.2	13.4	-3.1	2.9	6.3	-3.2	-1696719	5.8	
18	248.4	1435.3	12.7	-4.1	3.6	5.7	-3.4	-1692604	6	
18	248.1	1435.2	12.4	-2	3.8	6.3	-3.6	-1687148	6.1	
18	247.8	1435.3	12.2	-3.1	4.4	5.2	-3.7	-1681728	5.8	
18	247.5	1435	12.9	-3.1	4.2	7.3	-3.7	-1677685	5.6	
18	247.2	1434.7	11.2	-3.6	3.8	4	-3.5	-1677685	5.2	
18	246.9	1434.2	12.6	-2.2	3.2	5.9	-3.3	-1677685	4.6	
18	246.6	1433.9	10.7	-3.8	2.5	3.7	-3	-1687148	4.4	
18	246.3	1434	11.3	-3	2.2	4.6	-2.7	-1707790	4	
18	246	1433.9	11.3	-2.1	1.9	4.8	-2.4	-1741889	3.8	
18	245.7	1434.1	11	-2.1	1.8	3.7	-2	-1788003	3.4	
18	245.4	1434.1	10.6	-3.1	1.3	4	-1.6	-1846341	3.3	
18	245.1	1434.3	9.5	-3.4	1.4	2.1	-1.4	-1920872	3	
18	244.8	1434.4	10.4	-2.8	1.3	4.1	-1.1	-2013222	2.8	
18	244.5	1434.3	9.5	-3.3	1.4	2.1	-1	-2123479	2.8	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
18	244.2	1433.9	9.8	-3.5	0.9	3.7	-0.8	-2253768	2.9	
18	243.9	1433.8	8	-3.5	0.7	1.8	-0.8	-2403847	3	
18	243.6	1433.6	8	-5	0.8	1.8	-1	-2572175	2.8	
18	243.3	1433.4	9	-4.6	0.4	3.1	-1	-2754935	2.8	
18	243	1433.5	7.7	-5.9	0.4	1.8	-0.9	-2944797	2.7	
18	242.7	1433.6	7.9	-6.1	0.2	3	-0.8	-3120343	2.6	
18	242.4	1433.7	7.1	-7.4	0.3	1.8	-0.8	-3271485	2.5	
18	242.1	1433.7	7.7	-6.7	0.2	2.7	-0.7	-3382472	2.3	
18	241.8	1433.7	7.4	-7.4	0.5	2	-0.7	-3438014	2.2	
18	241.5	1433.8	7	-8.5	0.6	2.7	-0.6	-3443668	2.2	
18	241.2	1433.8	6.7	-7.4	0.9	2.6	-0.6	-3404472	2.2	
18	240.9	1433.9	6.4	-9.7	1.3	2.2	-0.7	-3344649	2.3	
18	240.6	1434	6.5	-8.8	1.4	3.4	-0.6	-3276605	2.6	
18	240.3	1434.1	5.5	-10.8	1.6	2.4	-0.6	-3216206	2.7	
18	240	1434	5.2	-9.8	1.5	3	-0.7	-3177163	3	
18	239.7	1434	5.1	-10.1	1.8	2.6	-0.9	-3157994	3.1	
18	239.4	1433.9	5.4	-9.7	1.9	3.6	-1.1	-3167550	3.1	
18	239.1	1433.8	5	-9.6	1.9	3.9	-1.4	-3201453	3.2	
18	238.8	1433.5	4.6	-10.3	1.5	4.3	-1.6	-3256221	3.5	
18	238.5	1433.1	3.9	-10.5	1.2	3.9	-1.9	-3339315	3.8	
18	238.2	1432.8	3.7	-11	0.9	3.7	-2.1	-3449341	3.8	
18	237.9	1432.7	3.6	-9.8	0.7	4.3	-2.2	-3597509	3.8	
18	237.6	1432.6	3.3	-11.6	0.7	4.4	-2.3	-3786167	3.5	
18	237.3	1432.5	3.6	-9.3	0.4	4.5	-2.1	-4011016	3.4	
18	237	1432.5	2.4	-12.1	0.4	3.1	-2	-4264257	3.4	
18	236.7	1432.9	1.6	-11.5	0.4	3.1	-1.5	-4551631	3.8	
18	236.4	1433.3	0.9	-12.1	0.6	2.5	-1	-4880536	4.1	
18	236.1	1433.7	1.2	-12.2	0.8	3.2	-0.4	-5247494	4.2	
18	235.8	1434	1.1	-11.6	0.9	3.2	0.2	-5643531	4.4	
18	235.5	1434.3	0.7	-11.7	1	3.3	0.8	-6051301	4.7	
18	235.2	1434.5	-0.4	-12.6	1.1	2.9	1.4	-6442308	5.5	
18	234.9	1434.3	-0.1	-13	0.8	3.6	1.8	-6842320	5.8	
18	234.6	1434.3	0	-11.2	0.6	5	2	-7219828	5.9	
18	234.3	1434.2	-0.3	-12.9	0.1	4.6	2.1	-7613637	5.6	
18	234	1433.9	0.4	-10.3	-0.7	5	2.1	-7991412	5.3	
18	233.7	1433.4	0.5	-10.8	-1.5	4.6	1.9	-8511179	4.6	
18	233.4	1432.9	0.8	-10.5	-2.5	5.2	1.7	-9264381	4.3	
18	233.1	1432.3	0.6	-10.4	-3.2	4.1	1.4	-1E+07	3.5	
18	232.8	1431.5	1.1	-9.5	-3.9	4.4	0.9	-1.2E+07	3	
18	232.5	1431	0.7	-8.8	-3.9	4	0.5	-1.4E+07	3	
18	232.2	1430.9	-0.5	-10.9	-3.9	2.8	0.4	-1.9E+07	2.8	
18	231.9	1431.1	-0.2	-9.7	-3.2	3.2	0.2		3	
18	231.6	1431.7	0.5	-9.3	-2	3.8	0		2.9	
18	231.3	1432.4	-0.3	-8.3	-0.7	3.5	-0.2		3.4	
18	231	1433.3	-1.2	-9.2	0.7	2.7	-0.5		3.7	
18	230.7	1433.9	-0.7	-9.7	1.8	3.6	-0.8		3.8	
18	230.4	1434.4	-0.3	-8	2.9	3.8	-1	19752359	3.9	
18	230.1	1434.4	-0.6	-8.5	3.2	3.8	-1.2	15742481	4	
18	229.8	1434.4	-0.9	-8	3.4	4	-1.4	13508065	4	
18	229.5	1434	-0.6	-8.3	3.1	3.9	-1.6	12172965	3.9	
18	229.2	1433.5	-1.1	-8.5	2.6	3.1	-1.8	11441257	3.9	
18	228.9	1433.2	-1.3	-8.3	1.9	3.4	-1.8	11019737	3.9	
18	228.6	1433.3	-1.1	-7.8	1.3	4.4	-1.6	10792526	3.9	
18	228.3	1433.4	-1.5	-7.9	0.9	3.6	-1.4	10628173	3.9	
18	228	1433.5	-1.4	-7.9	0.4	3.3	-1.1	10521357	3.9	
18	227.7	1433.8	-1.5	-7	0.5	3.4	-0.8	10365099	3.9	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
18	227.4	1433.8	-1.3	-6.5	0.4	3.8	-0.6	10017943	3.8	
18	227.1	1433.9	-1	-6.1	0.4	4.1	-0.4	9560502	3.8	
18	226.8	1433.7	-1.1	-6.5	0.4	3.9	-0.2	8909575	3.7	
18	226.5	1433.8	-1.3	-6.3	0.6	3.8	0.1	8243110	3.6	
18	226.2	1433.8	-2	-6.6	0.4	3.1	0.3	7697610	3.6	
18	225.9	1433.8	-1.6	-5.5	0.2	3.8	0.4	7269965	3.5	
18	225.6	1433.9	-1.2	-4.9	0.1	3.9	0.5	6932947	3.3	
18	225.3	1433.8	-1.3	-4.9	-0.1	3.9	0.5	6732315	3.3	
18	225	1433.7	-1.7	-5	-0.5	3.8	0.5	6732315	3.3	
18	224.7	1433.7	-2	-5.6	-0.6	3.2	0.5	6955980	3.3	
18	224.4	1433.5	-1.5	-3.9	-0.8	4.2	0.5	7398410	3.3	
18	224.1	1433.1	-1.6	-3.2	-1.3	3.8	0.5	8052885	3.2	
18	223.8	1433	-1.9	-2.8	-1.8	4.1	0.8	8947650	3.2	
18	223.5	1433	-2.4	-3.6	-2	3.3	1	10017943	3.2	
18	223.2	1433.1	-2.2	-3.3	-2.2	3.4	1.4	11256721	3.2	
18	222.9	1433.1	-2.4	-3.1	-2.3	3.2	1.7	12462798	3.2	
18	222.6	1433.5	-3.1	-2.7	-2.4	2.8	2.1	13168239	3.1	
18	222.3	1433.7	-2.8	-2.7	-2.6	3	2.6	13168239	3.1	
18	222	1433.9	-3.6	-3.6	-2.6	2	3	12766768	3.1	
18	221.7	1434.1	-3.1	-2.8	-2.5	2.8	3.3	12033046	3.1	
18	221.4	1434.1	-3.5	-3.9	-2.2	2.2	3.3	11136968	3	
18	221.1	1434.2	-3.3	-3.8	-2	2.8	3.2	10365099	3	
18	220.8	1433.9	-3.6	-4.4	-1.9	2.5	2.8	9648618	2.9	
18	220.5	1433.6	-3.4	-4	-1.8	3.3	2.4	9103261	2.9	
18	220.2	1433.8	-3.8	-4.9	-1.6	2.9	2.1	8687760	2.8	
18	219.9	1433.6	-3.3	-4	-1.6	3.4	1.5	8408635	2.8	
18	219.6	1433.6	-3.5	-3	-1.1	3.6	0.8	8178711	2.8	
18	219.3	1433.4	-4	-3.8	-0.8	3.3	0	7900944	2.9	
18	219	1433.1	-3.4	-3.9	-0.6	4.4	-0.7	7531475	3.1	
18	218.7	1433.1	-3.9	-3.6	-0.1	4	-1.2	7097458	3.4	
18	218.4	1432.9	-4.2	-3	0.2	4.4	-1.6	6689297	4.2	
18	218.1	1432.9	-5.2	-4.5	0.7	4.2	-1.9	6268713	5.2	
18	217.8	1433.2	-4.7	-4.4	1	5.5	-1.9	5881320	5.6	
18	217.5	1433.7	-5	-4.4	1.6	5.2	-1.6	5539021	6.2	
18	217.2	1433.9	-5	-4.1	1.7	6.1	-1.1	5221322	7	
18	216.9	1434.2	-5.8	-5.2	1.8	6.2	-0.4	4949764	7.8	
18	216.6	1434.7	-5.9	-4.8	1.8	6.4	0.4	4726298	8	
18	216.3	1434.6	-5.6	-4.3	1.5	6.8	0.8	4571507	7.9	
18	216	1434.6	-5.2	-4.1	1.2	6.7	1.2	4464286	7.3	
18	215.7	1434.6	-5	-3.5	0.7	6.5	1.6	4398635	6.3	
18	215.4	1434.3	-5.4	-4	0.2	5.4	1.7	4361980	5.4	
18	215.1	1433.8	-4.8	-3.3	-0.4	5.2	1.4	4325930	4.3	
18	214.8	1432.9	-4.7	-3.4	-1.1	4.4	0.8	4290472	3.4	
18	214.5	1432.2	-4.3	-3.3	-1.6	4.4	0.2	4255590	2.5	
18	214.2	1431.8	-5.2	-4.1	-2	3.3	-0.2	4221271	2.1	
18	213.9	1431.5	-5	-3.7	-2.2	3.4	-0.5	4170817	1.7	
18	213.6	1431.5	-5	-3	-2.1	3.1	-0.6	4129685	1.4	
18	213.3	1431.6	-5.1	-3.5	-1.9	2.7	-0.6	4089356	1.3	
18	213	1431.7	-6	-4.8	-1.6	2.4	-0.4	4081384	1.4	
18	212.7	1432	-6.3	-5	-1.2	2.2	0	4105393	1.5	
18	212.4	1432.5	-6.4	-4.7	-0.6	2.6	0.5	4179142	1.6	
18	212.1	1433	-6.5	-4.5	0	2.1	0.9	4308128	1.7	
18	211.8	1433.3	-6.9	-5.4	0.2	2.5	1.2	4502689	1.9	
18	211.5	1433.8	-7.8	-6.2	0.6	2.2	1.4	4758523	2.2	
18	211.2	1433.7	-8.1	-6.2	0.7	2.3	1.2	5069613	2.4	
18	210.9	1433.5	-8.1	-5.7	0.6	2.8	1	5424223	2.6	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
18	210.6	1433	-8.6	-6.4	0.4	2.9	0.5	5767907	2.7	
18	210.3	1432.6	-9.1	-6.7	0.2	3.1	0.1	6086483	3	
18	210	1432.2	-10	-6.9	0	2.4	-0.4	6363982	3.2	
18	209.7	1432	-9.5	-6.7	-0.3	3.3	-0.7	6542969	3.2	
18	209.4	1432	-9.8	-6.2	-0.7	3.2	-0.7	6584120	3.3	
18	209.1	1432.1	-10.6	-7.5	-1	3.1	-0.5	6462192	3.3	
18	208.8	1432.2	-10.9	-7.4	-1.4	2.9	-0.1	6194527	3.3	
18	208.5	1432.3	-11.4	-8.1	-1.4	2.3	0.2	5881320	3.3	
18	208.2	1432.5	-11.5	-7.9	-1.6	2.7	0.7	5553714	3.3	
18	207.9	1432.7	-12.1	-8.7	-1.7	2.1	1.1	5221322	3.3	
18	207.6	1432.8	-11.9	-8.1	-1.7	2.6	1.4	4926471	3.3	
18	207.3	1433.1	-12.7	-9.4	-1.6	1.8	1.7	4684005	3.4	
18	207	1433.5	-12.5	-9	-1.3	2.3	1.8	4512393	3.4	
18	206.7	1433.5	-13	-9	-1.3	2.1	1.8	4417194	3.5	
18	206.4	1433.6	-13	-9.6	-1.1	2.2	1.6	4407895	3.5	
18	206.1	1433.5	-12.7	-8.8	-1	2.6	1.4	4445329	3.6	
18	205.8	1433.7	-13.2	-9	-0.6	2.4	1.1	4541757	3.6	
18	205.5	1433.9	-12.7	-7.5	-0.4	3.3	0.9	4694507	3.6	
18	205.2	1434	-12.4	-7.7	-0.4	3.2	0.9	4880536	3.6	
18	204.9	1434.1	-12.8	-7.8	-0.3	2.9	0.9	5057367	3.5	
18	204.6	1434.1	-13.1	-8.1	-0.5	2.3	0.9	5169753	3.5	
18	204.3	1434	-12.5	-6.7	-0.6	3	0.9	5208334	3.4	
18	204	1434	-12.4	-6.5	-0.8	2.7	1.1	5195410	3.3	
18	203.7	1433.9	-12.1	-6.5	-1	2.8	1.3	5119193	3.2	
18	203.4	1434	-12.5	-7.3	-1.2	2.5	1.5	5020984	3.2	
18	203.1	1434.1	-12.7	-7.7	-1.3	2.1	1.5	4891940	3.1	
18	202.8	1434.1	-12.1	-6.7	-1.4	2.2	1.4	4780251	3.1	
18	202.5	1434	-11.7	-6.9	-1.5	2.7	1.2	4715653	3	
18	202.2	1433.9	-11.4	-6.7	-1.4	3.1	1.1	4705057	3	
18	201.9	1433.8	-11.2	-6.9	-1	3.1	0.9	4726298	2.9	
18	201.6	1433.7	-10.7	-5.5	-1	3.4	0.8	4769363	2.8	
18	201.3	1433.7	-10.6	-5.6	-0.7	3	0.6	4835451	2.8	
18	201	1433.7	-10.4	-5.4	-0.5	3.3	0.5	4857889	2.8	
18	200.7	1434	-10.8	-5.7	-0.3	2.6	0.5	4846644	3	
18	200.4	1434.3	-10.1	-4.1	-0.1	3.6	0.5	4780251	3.2	
18	200.1	1434.4	-10	-3.7	-0.2	3.6	0.6	4673549	3.6	
18	199.8	1434.2	-9.9	-3.5	-0.6	4.1	0.6	4531927	4.1	
18	199.5	1433.9	-10.2	-3.7	-0.8	3.7	0.6	4371086	4.4	
18	199.2	1433.7	-10.1	-3.2	-0.9	4.3	0.6	4238361	4.6	
18	198.9	1433.7	-9.5	-1.7	-1	4.9	0.7	4129685	4.9	
18	198.6	1433.5	-9.3	-1.2	-1.1	5.1	0.6	4057655	5	
18	198.3	1433.4	-8.2	-0.1	-1	6.1	0.5	4026443	5.1	
18	198	1433.7	-8.8	-0.2	-0.9	5	0.5	4041989	4.8	
18	197.7	1434	-8.2	0.9	-0.5	5.6	0.5	4089356	4.5	
18	197.4	1434.4	-8.4	1.6	0	5.1	0.6	4154266	4.3	
18	197.1	1434.4	-7.8	1.7	0.3	5.3	0.6	4229798	4.2	
18	196.8	1434.3	-8.9	0.9	0.4	4.4	0.6	4290472	4.3	
18	196.5	1434.2	-8.3	2.3	0.5	4.6	0.5	4325930	4.2	
18	196.2	1434.2	-8.4	2.5	0.8	4.1	0.4	4325930	4	
18	195.9	1433.9	-7.6	3.8	0.8	4.1	0.2	4299282	3.7	
18	195.6	1433.8	-7.9	3.6	0.7	3.8	0.1	4246958	3.6	
18	195.3	1433.7	-8.5	3.6	0.7	3.1	0	4204318	3.7	
18	195	1433.4	-8.4	3.5	0.2	3.5	-0.1	4187500	3.6	
18	194.7	1433.1	-7.5	5.2	0	3.5	-0.1	4212777	3.4	
18	194.4	1432.9	-7.8	4.7	-0.2	3.5	-0.1	4281698	3.2	
18	194.1	1432.7	-7.9	5.1	-0.3	3.2	-0.1	4407895	3.1	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
18	193.8	1432.6	-7.7	5.3	-0.5	3.6	0.1	4601649	2.9	
18	193.5	1432.4	-7.9	4.8	-0.7	2.8	0.2	4857889	2.8	
18	193.2	1432.3	-7.5	5.7	-1.1	3.1	0.5	5169753	2.7	
18	192.9	1432.1	-7.6	5.1	-1.2	3.1	0.6	5495407	2.6	
18	192.6	1432.1	-8.3	4.1	-1	2.3	0.6	5783840	2.5	
18	192.3	1432	-7.3	5.5	-0.8	2.9	0.6	5948154	2.5	
18	192	1432.1	-7.4	5.7	-0.5	2.9	0.7	5999284	2.5	
18	191.7	1432	-7.7	4.8	-0.6	2.8	0.8	5931303	2.6	
18	191.4	1431.9	-8.4	4	-0.6	2.2	0.8	5783840	2.7	
18	191.1	1432	-8.2	3.9	-0.6	2.7	1	5598262	2.8	
18	190.8	1432	-8	4.5	-0.7	2.6	1.1	5396263	2.8	
18	190.5	1431.7	-7.6	5.1	-0.9	3.1	1.1	5195410	2.8	
18	190.2	1431.6	-7.9	4.2	-1.1	2.8	1.1	5045181	2.9	
18	189.9	1431.2	-8	3.7	-1.4	2.4	1	4949764	2.9	
18	189.6	1431	-7.8	3.6	-1.9	3.1	1	4891940	3	
18	189.3	1430.8	-7.8	3.4	-1.9	2.5	0.8	4869186	3	
18	189	1430.7	-8	2.7	-2.1	2.8	0.8	4869186	3.2	
18	188.7	1430.8	-8.2	2.4	-2.1	2.5	0.8	4880536	3.4	
18	188.4	1430.8	-8.1	2.3	-2	3.1	0.6	4880536	3.5	
18	188.1	1431	-8.2	2.6	-1.7	2.6	0.5	4869186	3.6	
18	187.8	1431.1	-7.2	2.9	-1.6	3.5	0.5	4846644	3.6	
18	187.5	1431.2	-7.7	2.3	-1.5	3.1	0.6	4824309	3.8	
18	187.2	1431.6	-8.5	1.4	-1.2	2.4	0.8	4824309	3.9	
18	186.9	1431.9	-6.9	3.3	-1.1	3.8	1.1	4835451	3.8	
18	186.6	1432.2	-6.8	3.3	-1.1	3.5	1.4	4857889	3.7	
18	186.3	1432.2	-6.4	3.1	-1.5	3.8	1.6	4891940	3.6	
18	186	1432.5	-7.4	1.9	-1.4	2.8	1.7	4926471	3.6	
18	185.7	1432.7	-6.7	1.5	-1.5	3.7	1.7	4961493	3.6	
18	185.4	1432.8	-6.3	2.5	-1.4	3.3	1.4	4997017	3.5	
18	185.1	1433	-6.1	2.1	-1.1	3.6	1.1	5020984	3.4	
18	184.8	1433	-6.2	2.2	-1	3.8	0.6	5033053	3.4	
18	184.5	1433	-5.9	1.9	-0.8	3.5	0.1	5033053	3.4	
18	184.2	1433.1	-5.2	3.7	-0.3	4	-0.5	5033053	3.4	
18	183.9	1433.3	-4.9	3.4	0.6	4	-0.9	5033053	3.4	
18	183.6	1433.6	-5.2	3.2	1.3	4.3	-1.1	5045181	3.5	
18	183.3	1434.1	-5.3	2.3	2	3.4	-1.1	5045181	3.5	
18	183	1434.5	-5	2.9	2.3	3.8	-0.9	5045181	3.5	
18	182.7	1434.8	-4.8	3.7	2.3	3.3	-0.5	5033053	3.5	
18	182.4	1435.2	-4.7	3.7	2.1	3.8	0.2	4985119	3.6	
18	182.1	1435.5	-5.1	2.4	1.8	3.2	0.8	4891940	3.8	
18	181.8	1435.6	-4.8	3	1.4	3.5	1.3	4769363	3.8	
18	181.5	1435.1	-4.5	3.4	0.5	3.8	1.7	4652778	3.9	
18	181.2	1434.4	-4.5	3.2	-0.6	3.7	1.8	4551631	4	
18	180.9	1433.7	-3.8	4.1	-1.7	4.7	1.9	4493026	4.1	
18	180.6	1433.4	-4.4	3.1	-2.3	3.9	2	4464286	4.2	
18	180.3	1433	-3.2	4.4	-2.6	5.1	1.7	4473825	4.2	
18	180	1432.8	-3.6	4.7	-2.6	4.5	1.4	4502689	4.1	
18	179.7	1432.8	-3.1	4.2	-2.4	5.1	1.1	4541757	3.9	
18	179.4	1432.6	-3.8	3.6	-2.3	4	0.8	4581510	3.8	
18	179.1	1432.6	-3.8	3.9	-1.8	4	0.6	4601649	3.5	
18	178.8	1432.7	-3.2	5.2	-1.3	4.1	0.6	4601649	3.2	
18	178.5	1432.8	-3.5	4.7	-0.8	2.7	0.6	4591557	2.8	
18	178.2	1432.9	-3.1	4.9	-0.6	3.2	0.6	4541757	2.5	
18	177.9	1433	-3.3	4.3	-0.3	1.9	0.7	4426533	2.3	
18	177.6	1432.8	-3.3	4.6	-0.4	2.2	0.7	4325930	2.2	
18	177.3	1432.7	-3.5	4.5	-0.4	1.3	0.6	4246958	2.2	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
18	177	1432.6	-3.1	4.7	-0.2	2.3	0.5	4187500	2.3	
18	176.7	1432.5	-4.2	3.6	-0.2	1.2	0.4	4162525	2.7	
18	176.4	1432.3	-3.6	4.4	0	1.9	0.2	4162525	2.8	
18	176.1	1432.3	-3	5.2	0.1	2.8	0.1	4187500	3	
18	175.8	1432.3	-3.3	4.8	0.4	2.4	-0.1	4212777	3.2	
18	175.5	1432.2	-2.7	5.5	0.4	3.5	-0.2	4238361	3.5	
18	175.2	1432.2	-3	4.2	0.5	3.1	-0.2	4238361	3.7	
18	174.9	1432.1	-2.1	5.6	0.5	4.4	-0.2	4195892	3.8	
18	174.6	1432	-2.4	6.1	0.4	3.6	-0.1	4113458	3.8	
18	174.3	1431.9	-1.7	5.2	0.2	5.5	-0.1	4011016	4	
18	174	1431.6	-2.2	4.6	-0.1	4.5	-0.1	3898976	4.2	
18	173.7	1431.4	-2.1	4.3	-0.4	4.4	0	3793026	4.4	
18	173.4	1431.1	-1.8	5.6	-0.9	4.5	0.2	3712323	4.6	
18	173.1	1431.1	-2	4.7	-1	4.4	0.5	3660403	4.8	
18	172.8	1430.9	-1.5	4.8	-1.2	5.3	0.7	3641305	4.9	
18	172.5	1430.8	-1.8	4.3	-1.5	4.9	1	3666813	5.1	
18	172.2	1430.8	-1.2	5	-2	5.4	1.4	3758977	5.1	
18	171.9	1431.1	-2.1	3.8	-2.2	3.7	1.8	3870148	5.2	
18	171.6	1431.2	-1.4	3.8	-2.2	4.9	1.9	3965436	5.2	
18	171.3	1431.3	-1.2	3.7	-2.3	4.9	1.8	4034201	5.1	
18	171	1431.2	-0.1	5.1	-2.3	5.7	1.6	4049807	4.9	
18	170.7	1431	-0.5	4.8	-2.4	4.8	1.4	4026443	4.6	
18	170.4	1430.7	-0.8	4.2	-2.5	4.6	1	3972961	4.4	
18	170.1	1430.6	-1.1	3.7	-2.3	4.2	0.8	3884509	4.1	
18	169.8	1430.8	-0.5	4.2	-1.9	4.7	0.6	3779333	3.8	
18	169.5	1431.2	0.5	5.6	-1.8	5.4	0.6	3692681	3.6	
18	169.2	1431.5	0	4.8	-1.5	4.7	0.6	3634983	3.4	
18	168.9	1432.2	0.1	4.6	-1.1	4.4	0.8	3603701	3.3	
18	168.6	1432.6	0	4.5	-0.8	3.8	0.9	3603701	2.9	
18	168.3	1432.8	0.7	4.5	-0.8	4.1	1.1	3616149	2.7	
18	168	1433.5	-0.6	3.8	-0.5	3.1	1.7	3641305	2.8	
18	167.7	1433.4	-0.7	2.5	-0.4	3.3	1.6	3660403	2.9	
18	167.4	1433.5	-1.6	2	-0.2	2.4	1.5	3666813	3.1	
18	167.1	1433.6	-0.5	2.6	-0.2	3.3	1.5	3647649	3.1	
18	166.8	1433.6	-1.2	2.6	-0.1	3.3	1.4	3603701	3.3	
18	166.5	1433.7	-0.9	2.9	-0.2	3.9	1.4	3536740	3.5	
18	166.2	1433.8	-1.6	1.6	-0.1	3	1.3	3449341	3.6	
18	165.9	1434	-0.8	2.7	-0.2	3.5	1.4	3366158	3.6	
18	165.6	1433.9	-1	2.1	-0.4	3.5	1.4	3286892	3.6	
18	165.3	1433.8	-1.2	2.1	-0.3	4	1.4	3216206	3.5	
18	165	1433.6	-1.4	1.9	-0.7	4	1.6	3157994	3.4	
18	164.7	1433.5	-1.9	1.6	-0.9	3	1.6	3111070	3.5	
18	164.4	1433.1	-2.4	0.7	-1.4	3.6	1.4	3074523	4	
18	164.1	1432.9	-2.8	1.4	-1.6	2.8	1	3047672	4.3	
18	163.8	1432.6	-1.9	1.7	-2.1	4.5	0.6	3025651	4.4	
18	163.5	1432.7	-2.1	0.9	-2	3.7	0.1	3008262	4.4	
18	163.2	1432.3	-1.2	2.1	-2.2	4.5	-0.3	2995351	4.6	
18	162.9	1432	-2.7	0	-2.4	3.4	-0.6	2995351	4.8	
18	162.6	1432	-2.4	0.6	-2	3.8	-0.9	2999642	4.7	
18	162.3	1431.9	-2.3	-0.2	-1.6	4	-1.2	3008262	4.6	
18	162	1432.6	-2.8	-0.4	-1	4.1	-0.8	3030029	4.3	
18	161.7	1433.4	-1.7	0	-0.5	4.6	0	3061039	3.8	
18	161.4	1434.3	-2.5	-0.3	0.1	2.7	0.8	3092689	3.3	
18	161.1	1435.2	-1.9	0.2	0.3	3	1.6	3120343	2.7	
18	160.8	1435.7	-1.2	0.6	0.5	3.1	2.2	3129672	2.5	
18	160.5	1436.1	-1.4	0.6	0.7	2.9	2.7	3134357	2.2	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
18	160.2	1436.1	-1.5	0	0.6	2.7	2.9	3120343	2.3	
18	159.9	1436	-1.5	0.3	0.6	2.7	2.9	3092689	2.5	
18	159.6	1435.6	-2.8	-1.6	0.2	2.1	2.4	3043242	2.5	
18	159.3	1434.9	-2.2	-0.1	-0.3	1.9	1.7	2986805	2.6	
18	159	1434.3	-1.8	-0.4	-0.9	3	1.1	2924232	2.8	
18	158.7	1433.8	-2.2	-1	-1.3	2.7	0.6	2864228	3.3	
18	158.4	1433.6	-2.4	-2.3	-1.5	2.7	0.4	2795394	3.5	
18	158.1	1433.4	-1.4	-0.9	-1.6	3.9	0.2	2726238	3.7	
18	157.8	1433.3	-1.4	-0.6	-1.9	4.1	0.4	2670600	3.7	
18	157.5	1433.2	-1.1	0	-2.3	4.2	0.6	2613921	3.8	
18	157.2	1433.4	-2	-1.5	-2.2	3.9	0.9	2565871	3.8	
18	156.9	1433.6	-1.3	-1.8	-2.1	4.7	1.2	2528684	3.8	
18	156.6	1433.9	-1.6	-1.6	-1.9	3.8	1.5	2507486	3.8	
18	156.3	1433.8	-1.4	-1.5	-2	4	1.7	2507486	3.7	
18	156	1433.7	-2	-2	-1.8	3.2	1.6	2519555	3.6	
18	155.7	1433.5	-1.8	-2.5	-1.6	3.3	1.4	2553354	3.6	
18	155.4	1433.6	-2	-1.4	-1	3.2	1.2	2600932	3.5	
18	155.1	1433.7	-1.4	-0.7	-0.6	4	1	2660420	3.5	
18	154.8	1433.8	-1.3	0.3	-0.3	4.1	0.8	2729792	3.5	
18	154.5	1434.1	-2.2	-1.7	-0.1	3.4	0.7	2791667	3.5	
18	154.2	1434.3	-1.4	-0.2	0	3.9	0.5	2837060	3.5	
18	153.9	1434.5	-1.2	-0.3	0.3	4.1	0.4	2844770	3.3	
18	153.6	1434.2	-0.9	0.7	0.1	4.5	0.4	2810403	3.2	
18	153.3	1433.9	-1.6	-0.8	-0.1	3.5	0.5	2736929	3.3	
18	153	1433.6	-2.1	-1.1	-0.3	4.1	0.5	2633648	3.4	
18	152.7	1433.4	-2.7	-1.5	-0.6	2.7	0.6	2510492	3.5	
18	152.4	1433.3	-1.8	-0.4	-0.9	3.7	0.8	2381969	3.6	
18	152.1	1433.4	-2.9	-1	-1.1	3.2	0.9	2253768	3.8	
18	151.8	1433.6	-2	0.4	-1.4	3.9	1.1	2143041	3.9	
18	151.5	1433.8	-2.6	0.2	-1.5	3.5	1.2	2060778	4	
18	151.2	1433.7	-2.4	-0.5	-1.8	3.4	1.2	2003589	4	
18	150.9	1433.5	-1.8	0.3	-2.2	4.1	1.4	1969662	4	
18	150.6	1433.3	-3.6	-2.4	-2.4	2.9	1.3	1951306	4	
18	150.3	1433.1	-2.4	0.3	-2.8	4.6	1.3	1947675	4	
18	150	1433	-2.5	-0.1	-3.2	3.8	1.4	1953126	4	
18	149.7	1433.1	-2.4	-0.1	-3.4	4.4	1.7	1962278	4	
18	149.4	1433.4	-2.6	0.2	-3.2	3.8	1.9	1962278	3.9	
18	149.1	1433.8	-3	-1.3	-2.9	4.7	2.1	1951306	3.8	
18	148.8	1434.3	-2.7	-0.2	-2.3	4.2	2.3	1927947	3.7	
18	148.5	1434.7	-2.3	-0.4	-2	3.7	2.7	1893084	3.6	
18	148.2	1435.2	-2.9	-1.7	-1.6	4.7	3	1856162	3.5	
18	147.9	1435.9	-3.3	-1.9	-0.8	2.3	3.3	1815916	3.3	
18	147.6	1436.2	-2.8	-1.3	0	3	3.3	1778888	3	
18	147.3	1436.1	-2.8	-1.3	0.3	2.5	3	1744793	2.5	
18	147	1435.7	-3	-0.2	0	2.4	2.7	1716189	2.4	
18	146.7	1435.3	-5.2	-3	0.2	0.2	2.1	1692604	2.5	
18	146.4	1434.9	-3.9	-2.1	0.2	2.1	1.4	1673662	2.6	
18	146.1	1434.6	-3	-0.8	0.1	2.7	0.9	1659074	3	
18	145.8	1434.2	-4.6	-2.2	-0.1	0.9	0.3	1643447	3.2	
18	145.5	1433.6	-2.3	-0.9	-0.7	3.6	-0.1	1626846	3.6	
18	145.2	1432.8	-3.2	-1.8	-1.3	3.1	-0.4	1610578	4.5	
18	144.9	1432.5	-3.2	-2.1	-1.6	4	-0.4	1594632	5	
18	144.6	1432.5	-3.3	-1.3	-1.8	3.8	-0.1	1578998	5.5	
18	144.3	1432.2	-2.8	-1.5	-2.2	5.9	0.2	1566007	5.9	
18	144	1432.2	-4.2	-2.6	-2.6	4.2	0.8	1554381	6	
18	143.7	1432.5	-3.2	-1.8	-2.8	4.3	1.5	1544064	5.5	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
18	143.4	1432.7	-1.7	0.3	-2.9	5.7	2.1	1536135	4.8	
18	143.1	1432.9	-1.2	0.6	-3.1	4.5	2.7	1531640	4.3	
18	142.8	1432.9	-0.8	1.2	-3.2	5	3.3	1528286	3.9	
18	142.5	1433	-1.6	-0.2	-3.1	3.4	3.6	1526058	3.1	
18	142.2	1433	-0.3	1	-3.3	4.4	3.8	1526058	2.6	
18	141.9	1433	-0.4	1.8	-3.4	3.7	4	1527171	2.3	
18	141.6	1433	-0.9	0.5	-3.2	3.8	3.9	1528286	2.2	
18	141.3	1433	-1	0.2	-3.2	3.5	3.7	1528286	2.3	
18	141	1432.9	-0.6	0.3	-3.3	3.3	3.4	1526058	2.4	
18	140.7	1432.9	-0.6	1	-3.2	3.2	3.2	1523837	2.6	
18	140.4	1432.8	-0.7	1.4	-3.2	3.1	2.9	1519413	2.8	
18	140.1	1432.6	-0.6	2.1	-3.2	3.8	2.6	1510643	2.9	
18	139.8	1432.4	-0.9	0.9	-3.4	3	2.4	1499822	3	
18	139.5	1432.5	-0.8	2.1	-3.4	3.3	2.4	1489155	3.1	
18	139.2	1432.4	-0.7	1.3	-3.6	4	2.3	1477595	3.2	
18	138.9	1432.5	-1.2	1.4	-3.7	3.9	2.4	1468269	3.5	
18	138.6	1432.8	-1.2	1.2	-3.6	3.6	2.6	1461097	3.5	
18	138.3	1433	-1.3	0.5	-3.5	3.6	2.6	1459060	3.6	
18	138	1433.3	-1.3	2.3	-3.2	3.7	2.7	1462117	3.6	
18	137.7	1433.5	-1.5	0.9	-3	3.8	2.8	1471364	3.8	
18	137.4	1433.8	-1.5	1	-2.6	4	2.9	1483878	3.8	
18	137.1	1434.1	-1.6	0.8	-2.3	3.8	2.9	1497676	3.9	
18	136.8	1434.3	-2.2	0.4	-1.9	3.7	2.9	1512826	4.2	
18	136.5	1434.6	-2.2	0.8	-1.4	4.3	2.9	1523837	4.3	
18	136.2	1434.7	-1.9	0.8	-1.4	4.7	2.8	1527171	4.2	
18	135.9	1434.8	-2	0.3	-1.3	4.4	2.8	1524946	4.3	
18	135.6	1434.8	-2.1	0.8	-1.3	4.1	2.7	1515016	4.2	
18	135.3	1434.7	-2.3	1	-1.2	4.1	2.5	1498748	4.3	
18	135	1434.7	-2.5	0.3	-1.2	4.3	2.3	1477595	4.3	
18	134.7	1434.5	-2.3	0.5	-1.4	4.4	2.1	1455005	4.2	
18	134.4	1434.1	-2.7	0.3	-1.5	4.1	1.8	1433095	4.2	
18	134.1	1433.7	-3.2	2	-1.8	3.8	1.5	1413742	4.2	
18	133.8	1433.7	-3.6	0.3	-1.6	2.8	1.3	1399567	4.1	
18	133.5	1433.6	-3	0	-1.6	3.7	1.1	1392122	4	
18	133.2	1433.5	-2.8	1.8	-1.7	3.6	0.9	1391197	3.8	
18	132.9	1433.4	-2.8	-0.5	-1.6	3.4	0.8	1396766	3.8	
18	132.6	1433.4	-3.5	-0.3	-1.7	2.6	0.8	1410884	3.8	
18	132.3	1433.4	-3.3	-0.1	-1.6	2.8	0.8	1431136	3.8	
18	132	1433.3	-3	0.3	-1.5	2.9	0.8	1457030	3.8	
18	131.7	1433.4	-3.3	-0.5	-1.2	2.8	1	1487039	3.7	
18	131.4	1433.4	-2.8	1.4	-1.3	3.8	1.2	1517211	3.6	
18	131.1	1433.5	-3.5	-0.3	-1.3	2.7	1.4	1546345	3.5	
18	130.8	1433.7	-3	-1.3	-1.3	2.7	1.6	1571885	3.3	
18	130.5	1433.7	-2.5	-1.3	-1.3	2.8	1.7	1595847	3	
18	130.2	1433.9	-2.1	-1.3	-1.4	3.1	2.1	1613060	2.9	
18	129.9	1433.9	-2.4	-0.8	-1.7	2.7	2.4	1620550	2.7	
18	129.6	1433.9	-1.5	-1.2	-1.9	3.2	2.7	1618046	2.3	
18	129.3	1433.6	-1.7	-1.3	-2.3	3	3	1613060	2.1	
18	129	1433.4	-2.3	-1.4	-2.5	2.2	3	1605637	2.1	
18	128.7	1433.2	-2.4	-1.4	-2.8	3.2	3	1601952	2.4	
18	128.4	1433.2	-2	-1.4	-3	4.4	2.9	1604407	2.8	
18	128.1	1433.2	-1.8	-1.2	-3	4.4	2.7	1610578	3.3	
18	127.8	1433	-1	-0.3	-3.1	5.4	2.4	1621806	3.7	
18	127.5	1432.9	-1.4	-0.8	-3	5.4	2.1	1639586	4.4	
18	127.2	1432.8	-1.7	-0.8	-2.7	5.3	1.7	1663027	5	
18	126.9	1432.4	-1.8	-1	-2.6	5.8	1.3	1689872	5.4	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
18	126.6	1432.5	-2	-1.3	-2.2	6.1	1.1	1716189	5.6	
18	126.3	1432.5	-2.8	-1.6	-2.2	5.6	1.1	1738996	5.8	
18	126	1432.9	-4.1	-2.9	-1.9	4.1	1.1	1755030	5.7	
18	125.7	1433.2	-3.3	-2	-1.7	4.5	1.2	1762417	5.1	
18	125.4	1433.5	-3.4	-2.1	-1.6	3.1	1.4	1762417	4.5	
18	125.1	1433.6	-2.5	-1	-1.6	3.7	1.6	1756503	3.9	
18	124.8	1433.6	-2.5	-1	-1.9	3.2	1.8	1746248	3.6	
18	124.5	1433.8	-2.6	-1	-1.8	3	2.1	1733238	3.3	
18	124.2	1433.8	-2.8	-0.6	-1.9	2.6	2.2	1716189	3.1	
18	123.9	1434	-2.8	-0.6	-1.8	2.8	2.3	1699473	3	
18	123.6	1434.1	-3.1	-1.2	-1.8	3.2	2.3	1685790	3.1	
18	123.3	1434.2	-3.6	-1.6	-1.7	2.5	2.2	1677685	3.3	
18	123	1434.3	-3.1	-1	-1.5	3.4	2.1	1675001	3.5	
18	122.7	1434.4	-3.2	-0.9	-1.3	2.9	1.8	1675001	3.5	
18	122.4	1434.6	-2.6	-0.1	-0.8	2.9	1.5	1677685	3.6	
18	122.1	1434.6	-2.9	-0.6	-0.7	3.3	1.2	1680378	3.8	
18	121.8	1434.5	-2.6	0.1	-0.7	3.9	1.1	1679031	3.8	
18	121.5	1434.5	-2.5	0.7	-0.7	3.8	1.1	1675001	3.8	
18	121.2	1434.3	-2.3	1.3	-0.9	4.2	1.1	1668328	3.6	
18	120.9	1434.1	-2.3	0.7	-1.1	4.1	1.2	1659074	3.6	
18	120.6	1433.9	-2.5	0.3	-1.4	3.6	1.2	1649922	3.5	
18	120.3	1434.1	-2.6	0.2	-1.4	3.6	1.5	1640871	3.4	
18	120	1434.3	-1.3	2.2	-1.7	4.2	2	1637022	3.4	
18	119.7	1434.5	-2.1	1.2	-2	3.5	2.6	1638303	3.4	
18	119.4	1434.3	-2.7	0.3	-2.1	3.1	2.8	1647326	3.5	
18	119.1	1434.2	-2.2	1.1	-2.4	3.6	2.9	1666999	3.5	
18	118.8	1434.1	-2.8	0	-2.3	3	2.7	1692604	3.6	
18	118.5	1433.9	-2	1.5	-2.3	3.7	2.4	1723252	3.5	
18	118.2	1433.8	-2	1	-2.2	3.8	2.1	1757977	3.6	
18	117.9	1433.6	-2.4	0.1	-2.4	3.6	1.8	1786477	3.6	
18	117.6	1433.4	-1.7	0.4	-2.4	3.7	1.4	1806515	3.5	
18	117.3	1433.1	-1.4	1	-2.5	4.2	1.1	1820653	3.5	
18	117	1432.7	-1.9	-0.4	-2.6	3.8	0.9	1825415	3.5	
18	116.7	1432.8	-2	-0.3	-2.6	3.7	1	1820653	3.5	
18	116.4	1433.1	-2	0.3	-2.6	4.5	1.3	1809638	3.5	
18	116.1	1433.5	-2.1	0.3	-2.6	3.7	1.7	1792595	3.4	
18	115.8	1434	-1.9	0.1	-2.7	3.8	2.3	1774365	3.4	
18	115.5	1434.3	-2.2	-0.4	-2.7	3.2	2.7	1759455	3.5	
18	115.2	1434.4	-2.5	-1.5	-2.6	2.6	2.9	1749165	3.5	
18	114.9	1434.5	-2.1	-0.7	-2.4	3	3	1741889	3.4	
18	114.6	1434.5	-1.8	-0.1	-2.2	3.2	3	1734674	3.3	
18	114.3	1434.6	-2.3	-0.5	-2.2	2.9	3	1727517	3.6	
18	114	1434.7	-3.2	-1.2	-1.9	1.9	2.7	1719007	3.7	
18	113.7	1434.9	-2.7	0.1	-1.6	2.6	2.3	1710581	3.7	
18	113.4	1435	-2.6	1.5	-1.1	2.4	1.7	1702237	3.6	
18	113.1	1434.9	-1.4	1.9	-0.8	3.7	1.1	1692604	3.4	
18	112.8	1434.8	-1.5	1.9	-0.6	3.4	0.8	1680378	3.3	
18	112.5	1434.7	-2	0.5	-0.4	2.9	0.6	1664349	3.3	
18	112.2	1434.6	-1.5	1	-0.4	3.2	0.6	1646031	3.1	
18	111.9	1434.7	-1.2	1.4	-0.4	3.2	0.9	1628111	3	
18	111.6	1434.7	-0.8	2	-0.5	4	1.3	1613060	2.8	
18	111.3	1434.8	-1.2	1.6	-0.6	3.4	1.7	1600727	2.5	
18	111	1434.7	-0.9	2.2	-1	3.6	2.1	1590996	2.3	
18	110.7	1434.8	-1.3	2.3	-0.9	2.4	2.3	1583776	2.2	
18	110.4	1434.8	-0.7	2.4	-1.2	3.1	2.4	1576620	2.4	
18	110.1	1434.5	-1	2.2	-1.6	3.4	2.4	1571885	3.1	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
18	109.8	1434.3	-1.4	1.2	-1.5	3.3	2.3	1570706	3.5	
18	109.5	1433.7	-0.4	2.5	-1.8	4.6	2	1571885	3.8	
18	109.2	1433	-0.8	1.8	-2	4.5	1.5	1569529	4.4	
18	108.9	1432.5	-1.5	1	-2.2	4.4	1.1	1561336	5.1	
18	108.6	1432.2	-1.8	0.5	-2.1	4.5	0.8	1547488	5.4	
18	108.3	1431.9	-1.6	0.7	-2.2	5.1	0.5	1530520	5.4	
18	108	1432.4	-1.4	1.1	-2.2	4.8	0.8	1513920	5.2	
18	107.7	1432.6	-0.7	1.9	-2.1	4.9	1.1	1500897	4.8	
18	107.4	1432.5	-1	0.3	-2.2	4.2	1.2	1490215	4.4	
18	107.1	1432.4	-1.1	1	-2.2	3.7	1.4	1483878	4	
18	106.8	1432.4	-1	1.7	-2.1	3.4	1.6	1484930	3.5	
18	106.5	1432.4	-0.3	1.9	-2.1	4	1.8	1493403	3.1	
18	106.2	1432.4	-0.9	1.9	-2.5	3.3	2.2	1512826	3	
18	105.9	1432.4	-1.3	0.7	-2.3	2.9	2.3	1541790	3	
18	105.6	1432.7	-1.3	0.7	-2.3	2.8	2.2	1581383	2.9	
18	105.3	1432.7	-0.7	1.7	-2.4	3.3	2.1	1624322	3	
18	105	1432.6	-0.3	1.4	-2.5	4.1	2.1	1668328	3.3	
18	104.7	1432.6	-1.2	0.2	-2.7	3.3	2.3	1710581	3.6	
18	104.4	1432.8	-0.9	1	-2.8	4.1	2.6	1744793	3.9	
18	104.1	1433	-1	1	-3	4.4	2.8	1769866	4.1	
18	103.8	1433.1	-0.6	1.4	-3.1	4.4	2.9	1784954	4.2	
18	103.5	1433	-0.9	1.2	-3.2	4.2	2.9	1788003	4.3	
18	103.2	1433.1	-1.1	0.8	-3.2	4.7	2.9	1777378	4.7	
18	102.9	1433.5	-1.2	1	-3	4.8	3	1755030	4.9	
18	102.6	1433.6	-1.2	1.3	-2.8	4.4	3	1728944	5	
18	102.3	1433.7	-0.7	1.4	-2.6	5.3	2.9	1703622	5	
18	102	1433.7	-1.1	0.7	-2.5	5	2.6	1681728	5.2	
18	101.7	1434	-2.2	0.1	-2.2	4.4	2.3	1669658	5.3	
18	101.4	1434.2	-0.8	2.4	-2.2	5.4	2.1	1664349	5.1	
18	101.1	1434.2	-0.3	2.4	-2	5.5	1.9	1663027	4.9	
18	100.8	1434.2	-0.9	1.7	-1.9	5	1.8	1665673	4.8	
18	100.5	1434.3	-1.5	-0.1	-1.8	4.2	1.8	1665673	4.6	
18	100.2	1434.3	-0.8	0.7	-1.8	5.1	1.9	1665673	4.4	
18	99.9	1434.2	-0.8	1.2	-1.9	4.3	2.1	1660390	4.2	
18	99.6	1434.3	-1	0.5	-2	4.4	2.5	1647326	4.1	
18	99.3	1434.8	-1.7	-0.5	-1.8	4.2	3	1625583	4	
18	99	1435.4	-1.5	-0.7	-1.9	4.1	3.6	1594632	3.9	
18	98.7	1435.6	-0.9	0.3	-1.8	3.7	3.9	1557851	3.6	
18	98.4	1435.5	-1	-0.1	-1.9	3.4	3.9	1520517	3.3	
18	98.1	1435.2	-1.1	0.2	-1.9	3.8	3.6	1482827	3.2	
18	97.8	1434.8	-1.8	-1.1	-1.8	3	3	1451977	3.2	
18	97.5	1434.3	-1	0	-1.5	4.2	2.4	1428207	3.2	
18	97.2	1433.8	-1.4	0	-1.5	3.7	1.7	1421420	3.2	
18	96.9	1433.3	-1.7	-1.3	-1.3	3.9	0.8	1418531	3.5	
18	96.6	1433.2	-2.6	-1.8	-1.3	3.4	0.2	1416611	3.9	
18	96.3	1432.9	-1.7	-0.2	-1	4	-0.5	1417570	3.8	
18	96	1432.8	-1.3	0.5	-0.6	4	-0.9	1425290	3.8	
18	95.7	1432.7	-1.9	-0.3	-0.3	3.2	-1.1	1436044	3.8	
18	95.4	1432.8	-2.3	-0.9	-0.2	3.5	-0.8	1446960	3.8	
18	95.1	1432.7	-3.2	-2.5	-0.1	2.1	-0.5	1457030	3.5	
18	94.8	1432.8	-2.7	-1.7	0	2.5	-0.1	1469299	3	
18	94.5	1432.8	-2.4	-1.3	-0.4	2.8	0.6	1484930	2.4	
18	94.2	1433.1	-2.6	-1.6	-0.7	1.8	1.3	1505213	2.1	
18	93.9	1433.1	-2.9	-2.6	-0.9	0.1	1.7	1528286	1.6	
18	93.6	1433.1	-2	-1.1	-1.4	0.4	2.1	1552077	1	
18	93.3	1433	-1.4	-0.1	-1.9	0.7	2.4	1576620	0.4	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
18	93	1432.8	-2.2	-0.9	-2.6	0.1	2.6	1598283	0.1	
18	92.7	1432.3	-2.6	-1.9	-3.1	0.6	2.6	1620550	0.1	
18	92.4	1432.1	-3	-2.7	-3.4	1	2.4	1640871	0.4	
18	92.1	1432	-4	-2.8	-3.6	0.9	2.2	1656449	1.7	
18	91.8	1431.8	-2.1	-1.2	-3.6	3.1	1.8	1665673	2.4	
18	91.5	1431.7	-1.2	-0.2	-3.8	5	1.7	1666999	3.5	
18	91.2	1432	-1.6	-1	-3.6	4.6	1.8	1665673	4.3	
18	90.9	1432.4	-1.5	-0.6	-3.2	5.2	1.9	1663027	5	
18	90.6	1432.8	-2	-0.9	-3.1	5.8	2.3	1663027	6.1	
18	90.3	1432.9	-3	-1.8	-2.9	6.1	2.4	1665673	7	
18	90	1433.3	-4.5	-3.3	-2.8	6	2.8	1672325	7.6	
18	89.7	1433.9	-4.1	-3.4	-3.5	7	3.3	1684434	7.5	
18	89.4	1434.2	-3	-1.9	-3.7	6.5	3.7	1705009	7.1	
18	89.1	1434.4	-2.5	-0.3	-3.7	6.2	4	1738996	6.6	
18	88.8	1434.4	-1.9	-1.1	-4	6.3	4.2	1780401	6	
18	88.5	1434.3	-1.9	-1.6	-4	5.2	4.1	1822238	5.3	
18	88.2	1434.3	-1.1	-0.2	-3.9	5.4	4	1859459	4.2	
18	87.9	1434.4	-1.7	-0.2	-3.5	4.4	3.8	1882870	3.1	
18	87.6	1434.4	-2.8	-2	-3.4	3.9	3.5	1887963	2.5	
18	87.3	1436.2	-3.1	-2.3	-0.3	0.6	1.9	1872765	0	
18	87	1436.6	-2.7	-1.7	0.2	-0.5	1.7	1841470	-0.2	
18	86.7	1436.4	-3	-1.3	-0.1	-0.7	1.8	1791062	0	alambre
18	86.4	1436.3	-2.8	-1.3	-0.1	-0.6	1.7	1730373	0	
18	86.1	1435.9	-2.2	-1.3	-0.1	-0.2	1.4	1661707	0	
18	85.8	1435.5	-2.6	-1.6	-0.3	-0.9	1.2	1594632	0.1	
18	85.5	1435.2	-3	-1.9	-0.5	-0.9	1.1	1533884	0.2	
18	85.2	1435.2	-3.9	-2.1	-0.4	-0.4	1.1	1485984	1.1	
18	84.9	1435.2	-3.3	-2.3	-0.9	0.8	0.9	1446960	1.6	
18	84.6	1435.2	-1.9	-0.5	-0.9	2.5	0.8	1417570	1.9	
18	84.3	1435	-2.2	-0.5	-0.7	2.4	0.7	1400503	2.2	
18	84	1435	-2.5	0.1	-0.6	2.7	0.7	1395834	2.6	
18	83.7	1435	-2.1	-0.4	-0.3	3.2	0.8	1401440	2.9	
18	83.4	1434.9	-2.1	-0.8	-0.1	3.8	0.8	1417570	3.1	
18	83.1	1434.9	-2.2	-0.3	-0.1	4.4	1.1	1442971	3.3	
18	82.8	1434.6	-2	0.3	-0.5	5	1.2	1473435	3.5	
18	82.5	1434.3	-1.9	1.3	-1	5	1.4	1505213	3.7	
18	82.2	1434	-2.2	0.5	-1.6	4.5	1.7	1536135	3.8	
18	81.9	1433.7	-1.9	0.5	-1.9	5.8	1.9	1564837	3.9	
18	81.6	1433.4	-2.3	0.3	-2.5	5.4	2.2	1588582	3.9	
18	81.3	1433.2	-2.7	0.2	-2.7	5.1	2.2	1608104	4	
18	81	1433	-3	-1	-3	4.8	2.1	1624322	4	
18	80.7	1432.7	-3.5	-2.1	-3.1	4.6	1.8	1635743	4	
18	80.4	1432.6	-3.1	-0.9	-3.1	4.6	1.6	1648623	4	
18	80.1	1432.7	-3.2	-0.6	-2.9	4.2	1.4	1661707	4	
18	79.8	1432.6	-3.9	-0.9	-2.8	4	1.2	1680378	4.2	
18	79.5	1432.5	-5.3	-1.3	-2.6	2.4	1	1705009	4.4	
18	79.2	1432.3	-5.1	-3	-2.3	2.9	0.6	1736112	4.4	
18	78.9	1432.5	-5.4	-4.2	-2.3	2.5	0.8	1774365	4.4	
18	78.6	1432.8	-5.4	-3.8	-2.2	2.8	1.2	1819071	4.3	
18	78.3	1433	-6	-4.5	-2.1	2.1	1.6	1867753	4.2	
18	78	1433.6	-5.5	-3.5	-2.1	2.2	2.2	1919112	3.6	
18	77.7	1434.1	-4.8	-1.8	-2	1.8	2.7	1971517	3	
18	77.4	1434.5	-5.2	-0.7	-2.2	1.8	3.3	2020995	2.7	
18	77.1	1434.5	-4.7	-0.6	-2.5	2.2	3.6	2038706	2.7	
18	76.8	1434.7	-4.9	-1.9	-2.5	1.6	4	2050686	2.5	
18	76.5	1434.8	-4.3	-1.8	-2.7	2.2	4.3	2064843	2.3	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
18	76.2	1434.7	-4.8	-2.9	-3.2	1.1	4.5	2075075	2.1	
18	75.9	1434.4	-4.4	-2.5	-3.6	1.8	4.4	2075075	2	
18	75.6	1434.4	-5.1	-4	-3.6	1.2	4.1	2066881	2	
18	75.3	1434.2	-4.1	-2.4	-3.6	2.7	3.6	2056730	2.1	
18	75	1434.2	-4.7	-1.9	-3.6	2.6	3.3	2048680	2.3	
18	74.7	1434.3	-3.1	0	-3.1	4.3	2.9	2040693	2.1	
18	74.4	1434.1	-3	-0.3	-2.9	3.9	2.4	2040693	2.3	
18	74.1	1434	-3.1	-0.1	-2.6	4.6	1.8	2044678	2.4	
18	73.8	1434.1	-2.1	0.7	-1.8	5	1.1	2054711	2.6	
18	73.5	1434.2	-2.5	-0.3	-0.8	4.2	0.4	2070970	2.5	
18	73.2	1434.1	-3.1	-0.5	-0.1	4.9	-0.2	2089572	2.9	
18	72.9	1434.3	-4.5	-1.5	0.4	4	-0.4	2119181	3.4	
18	72.6	1434.5	-4.8	-0.9	0.5	3.4	-0.4	2151851	3.8	
18	72.3	1434.5	-5.9	-2.6	0.7	1.6	-0.4	2187827	4.1	
18	72	1434.6	-4.3	-2.4	0.8	4.4	-0.3	2229766	4.2	
18	71.7	1434.7	-6.2	-4	0.8	1.5	-0.2	2273345	4.2	
18	71.4	1434.8	-4.3	-1.8	0.7	2.6	0.1	2321231	4	
18	71.1	1434.8	-3.9	-1.8	0.3	3.4	0.5	2368496	3.9	
18	70.8	1434.4	-5	-2.9	-0.5	2.9	1	2417726	4.7	
18	70.5	1434.5	-6	-3.8	-0.8	3.4	1.3	2463236	5	
18	70.2	1434.6	-4.1	-2.1	-0.8	4.2	1.4	2507486	4.4	
18	69.9	1434.1	-3.8	-1.9	-1.4	5.8	1.4	2553354	4.3	
18	69.6	1434.2	-6	-3.8	-1.6	1.7	1.5	2591275	4.3	
18	69.3	1434.2	-3.9	-2	-1.7	5	1.5	2623747	3.9	
18	69	1434	-3.8	-1.5	-1.8	3.6	1.4	2643624	3.8	
18	68.7	1433.9	-4.3	-1.6	-1.8	3.8	1.3	2670600	3.8	
18	68.4	1433.6	-3.4	-0.4	-1.9	4.6	1.1	2708603	3.7	
18	68.1	1433.7	-4.3	-0.8	-1.9	3.8	1	2758564	3.6	
18	67.8	1433.5	-2.9	0.2	-2.1	4.5	0.9	2821766	3.7	
18	67.5	1433.7	-4.8	-1.6	-1.5	2.5	0.9	2891920	3.8	
18	67.2	1433.9	-2.5	1.4	-1.5	6.2	1	2978308	3.6	
18	66.9	1434	-3.7	1.6	-1.2	3	1.1	3074523	3.7	
18	66.6	1433.9	-3	2.1	-1.1	4.5	1.1	3196565	3.8	
18	66.3	1434	-4.8	0.6	-1.1	2.7	1.2	3333997	4.2	
18	66	1434.4	-3.6	1.8	-0.7	3.6	1.4	3495409	3.9	
18	65.7	1434.7	-3	3	-0.9	3.8	1.6	3679702	3.7	
18	65.4	1434.7	-3.3	2.2	-0.8	2.7	1.6	3884509	3.6	
18	65.1	1434.5	-3.2	1.6	-1	3.9	1.5	4121555	3.6	
18	64.8	1434.5	-4.3	0.9	-1	1.6	1.3	4407895	3.6	
18	64.5	1434	-2.2	2.5	-1.2	4.6	0.8	4694507	3.5	
18	64.2	1433.9	-3.6	1.3	-1.1	2.1	0.5	4961493	3.6	
18	63.9	1433.8	-2.3	2	-0.9	4.2	0.2	5169753	3.6	
18	63.6	1433.8	-3.3	1.5	-0.9	3	0	5287248	3.6	
18	63.3	1434.2	-1.9	2.5	-0.4	3.6	-0.1	5287248	3.2	
18	63	1434.2	-1.9	3.2	-0.2	3.8	-0.3	5182550	3.2	
18	62.7	1434.4	-2.3	1.8	0.3	3	-0.3	5033053	3.1	
18	62.4	1434.5	-2	2.7	0.3	4.6	-0.2	4869186	3.3	
18	62.1	1434.8	-2.8	0.3	0.8	2	-0.1	4694507	3.3	
18	61.8	1435.1	-1.3	1.7	0.9	4.8	0.1	4551631	3.1	
18	61.5	1435.1	-1	2.1	0.6	3.5	0.3	4426533	3.1	
18	61.2	1435	-1.7	0.4	0.4	3	0.4	4343880	3	
18	60.9	1434.7	-1.5	1	-0.1	2.5	0.3	4317011	3.1	
18	60.6	1434.6	-1.8	1.3	0	2.6	0.2	4334886	3.1	
18	60.3	1434.3	-1.1	3.4	-0.4	3.2	0.1	4398635	3.4	
18	60	1434.2	-2.3	2.5	-0.3	1.8	-0.1	4493026	3.6	
18	59.7	1434.3	-0.9	5	-0.3	4	0	4611784	4	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
18	59.4	1434.4	-2.5	1.8	-0.3	2.6	0	4769363	4.3	
18	59.1	1434.6	-0.6	5.6	0.1	3.9	0	4949764	4.2	
18	58.8	1434.6	0	4.3	0.2	4.1	0	5144349	4.1	
18	58.5	1434.7	0	3.9	0.6	3.7	0.1	5368590	4.1	
18	58.2	1434.7	-0.7	4.3	0.7	3.3	0.2	5598262	4.2	
18	57.9	1434.8	0.6	6.6	0.9	3.9	0.5	5832173	3.8	
18	57.6	1434.7	1	5.1	0.7	4.9	0.9	6051301	3.6	
18	57.3	1434.4	0.9	4.7	0.1	4.5	1.2	6287538	3.5	
18	57	1434.3	-0.2	5.8	-0.4	4.7	1.4	6522586	3.8	
18	56.7	1434	0.4	4.3	-0.9	4.6	1.4	6732315	4	
18	56.4	1433.7	1.7	5.5	-1.7	5.9	1.6	6864754	4	
18	56.1	1433.4	2.2	6.5	-2.1	5.9	1.6	6979167	4.1	
18	55.8	1432.9	2.2	5.6	-2.6	6.2	1.4	7121599	4.2	
18	55.5	1432.5	2.2	6.5	-2.9	6.1	1.1	7269965	4.4	
18	55.2	1432	1.6	4.5	-2.8	5.6	0.5	7398410	4.8	
18	54.9	1431.8	0.8	5.6	-2.3	5.3	0	7451068	5.2	
18	54.6	1432.1	0.2	2.7	-2.1	5.5	0	7424646	5.2	
18	54.3	1432.5	0.1	3.8	-1.5	4.9	0	7195017	5	
18	54	1433	-0.4	2.6	-1.1	3.6	0.1	6910066	4.5	
18	53.7	1433.2	0.8	5.6	-0.8	3.6	0.2	6563480	3.8	
18	53.4	1433.5	1	4.6	-0.4	3.2	0.4	6176254	3.1	
18	53.1	1433.8	0.4	3.4	-0.1	2.2	0.6	5815972	2.7	
18	52.8	1433.9	0.5	3.8	0.1	2.3	0.8	5466710	2.3	
18	52.5	1433.9	0.5	3.7	0	2.6	1	5182550	1.8	
18	52.2	1434.1	0	4.3	-0.1	1.5	1.2	4961493	1.3	
18	51.9	1434.1	0	2.2	-0.2	1.7	1.1	4813219	1	
18	51.6	1434.2	-0.7	2.9	-0.4	1.3	1.1	4715653	0.9	
18	51.3	1434.2	-0.3	2	-0.5	1.5	1	4684005	1	
18	51	1434	-0.4	2.9	-0.7	1.3	0.8	4705057	1.2	
18	50.7	1434.1	-0.5	1.4	-0.7	1.2	0.8	4747733	1.3	
18	50.4	1434	-0.6	1.3	-0.8	1.9	0.6	4813219	1.4	
18	50.1	1434.1	-1.3	1	-0.4	1.3	0.4	4869186	1.6	
18	49.8	1434	-0.6	1.4	-0.5	2.9	0.2	4903396	1.6	
18	49.5	1433.9	-1.5	1.3	-0.5	1.8	0	4949764	2	
18	49.2	1434	-1.9	-0.6	-0.4	2.7	-0.1	5008972	2.7	
18	48.9	1434.1	-2.4	-1.4	-0.3	2.2	-0.2	5069613	2.9	
18	48.6	1434.2	-2	-0.3	0.1	3.4	-0.4	5131741	2.8	
18	48.3	1434.2	-1.2	0.3	0	3.4	-0.5	5208334	2.8	
18	48	1434.4	-2.7	-0.9	0.4	2.2	-0.5	5300633	3	
18	47.7	1434.4	-2.5	-1.4	0.4	3.2	-0.4	5424223	3.3	
18	47.4	1434.5	-3.8	-1.5	0.6	1.5	-0.4	5598262	3.5	
18	47.1	1434.7	-2.5	-1.6	0.8	3	-0.2	5767907	3.6	
18	46.8	1434.9	-3	-0.5	0.8	2.3	0.1	5965100	3.8	
18	46.5	1435.1	-3.1	-2.5	0.6	3.2	0.5	6122076	4.4	
18	46.2	1435.1	-4.8	-4.8	0.5	0.8	0.7	6250000	4.8	
18	45.9	1435.2	-3.2	-3.2	0.4	1.7	0.8	6306476	4.8	
18	45.6	1435	-3.1	-2.4	0	2.4	1	6250000	5.2	
18	45.3	1434.8	-3.4	-4	-0.5	2.2	1.1	6086483	5.2	
18	45	1434.5	-3.1	-4.1	-1	3.7	1.3	5783840	5.4	
18	44.7	1434.3	-2.4	-3.3	-1.4	3.5	1.4	5424223	5.2	
18	44.4	1434.1	-1	-0.8	-2.1	5.4	1.7	5081918	5.1	
18	44.1	1433.9	-1.4	-1.8	-2.4	4.2	1.7	4802179	5	
18	43.8	1433.7	0.3	-1.4	-2.8	7.2	1.8	4591557	4.8	
18	43.5	1433.7	0.9	-1.3	-2.9	6.2	2	4435911	4.6	
18	43.2	1433.7	2	-0.2	-2.8	7.6	2	4343880	4.2	
18	42.9	1434	1.8	-0.4	-2.2	7.1	2	4308128	4.1	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
18	42.6	1433.9	1.1	-0.5	-1.8	6.5	1.8	4334886	3.8	
18	42.3	1434	1.1	0.3	-1.2	5.6	1.6	4398635	3.8	
18	42	1434.1	0.5	0.3	-0.2	4.8	1.2	4522139	3.5	
18	41.7	1434.1	1.8	1.7	0.2	6.4	1	4673549	3.3	
18	41.4	1434.2	0.5	0.9	0.8	4.2	0.6	4846644	3.1	
18	41.1	1434	1.9	1.1	1	5.4	0.2	5008972	2.9	
18	40.8	1434.1	0.2	-0.8	1.6	2.7	-0.1	5106708	2.8	
18	40.5	1433.6	1.1	0.7	1.3	4.5	-0.4	5157020	3	
18	40.2	1433.4	-0.1	-0.6	1	4	-0.4	5131741	2.9	
18	39.9	1432.8	1.1	0.6	0.4	5.2	-0.4	5045181	2.5	
18	39.6	1432.2	-0.7	-0.7	-0.4	4.1	-0.4	4914906	3	
18	39.3	1432	-1.2	-1.2	-0.4	3	-0.5	4758523	3	
18	39	1431.8	-1.5	-0.8	-0.6	3.7	-0.5	4581510	4	
18	38.7	1431.8	-2.1	-1.8	-0.4	2.4	-0.5	4407895	4.4	
18	38.4	1431.6	-1.4	-1	-0.8	3.5	-0.5	4246958	4.7	
18	38.1	1431.5	-2.7	-2.2	-0.8	2.4	-0.5	4105393	5.6	
18	37.8	1431.6	-3.5	-2.9	-0.8	2.7	-0.4	3988096	6.6	
18	37.5	1431.7	-4.4	-3.1	-0.6	2	-0.3	3898976	7.7	
18	37.2	1431.9	-4	-3.4	-0.5	3.9	0.1	3834707	8.1	
18	36.9	1431.6	-4.2	-2.7	-0.8	4	0.2	3793026	8.3	
18	36.6	1431.6	-2.9	-1	-1	5.6	0.5	3786167	7.9	
18	36.3	1431.5	-2	0.4	-1.6	5.7	0.9	3806819	7.4	
18	36	1431.8	-0.6	1.4	-1.5	5.6	1.3	3855894	6.1	
18	35.7	1432	0	1.2	-1.7	6.4	1.7	3920881	5.2	
18	35.4	1432.2	0.9	3.6	-1.8	6	2	4003346	4.2	
18	35.1	1432.3	1.6	4.1	-2	6.7	2.3	4097359	3.3	
18	34.8	1432.4	1.1	4.9	-2	4.7	2.4	4212777	2.3	
18	34.5	1432.5	1.4	3.9	-1.9	4.9	2.6	4352911	1.7	
18	34.2	1432.5	0.3	3.3	-1.6	2.8	2.4	4522139	1.5	
18	33.9	1432.5	1.5	4.6	-1.1	3.6	2.1	4684005	1.5	
18	33.6	1432.4	1.1	5.9	-1	2.7	1.8	4846644	1.9	
18	33.3	1432.6	0.4	3.6	-0.5	1.8	1.4	5033053	2.2	
18	33	1432.5	1.6	4.7	-0.4	3.5	1	5221322	2.8	
18	32.7	1432.3	0.8	4.2	-0.2	2.2	0.5	5382391	3.2	
18	32.4	1432.2	1.4	4.5	-0.3	4	0.3	5495407	3.7	
18	32.1	1432	0.5	2.9	-0.3	2.6	-0.1	5553714	4	
18	31.8	1431.7	0.9	1.9	-0.4	4.5	-0.4	5524407	4.2	
18	31.5	1431.4	0.9	2.3	-0.6	3.4	-0.5	5466710	4.5	
18	31.2	1431.3	1.2	0.9	-0.7	4.5	-0.4	5368590	4.6	
18	30.9	1431.4	1.6	0.7	-1.1	4.7	0	5234375	4.5	
18	30.6	1431.6	0.9	-1.1	-1.2	2.9	0.4	5081918	4.2	
18	30.3	1431.7	2	0.2	-1.3	4.3	0.8	4914906	3.8	
18	30	1432	1	-0.1	-1.1	2.6	1.1	4791190	3.4	
18	29.7	1432.2	2.3	1.2	-0.9	4	1.3	4694507	2.8	
18	29.4	1432.5	0.9	0.4	-0.5	1.8	1.4	4591557	2.2	
18	29.1	1432.5	2.4	0.6	-0.6	2.9	1.6	4473825	1.7	
18	28.8	1432.5	1.5	1	-0.5	1	1.6	4352911	1.4	
18	28.5	1432.5	2.4	0.5	-0.3	1.3	1.4	4229798	0.7	
18	28.2	1432.3	2.8	2.6	-0.3	1.3	1.2	4097359	0.3	
18	27.9	1432.1	2.2	1.1	-0.4	0.1	1	3965436	0.1	
18	27.6	1431.7	2.1	2.2	-0.8	0.9	0.8	3834707	0.2	
18	27.3	1431.6	1.7	0.6	-0.8	-0.1	0.5	3718917	0.4	
18	27	1431.5	1.7	2.4	-1.1	2.1	0.4	3634983	1.7	
18	26.7	1431.5	1.4	2.6	-1	1.1	0.2	3560800	2.1	
18	26.4	1431.4	2.6	4.1	-1.2	3.3	0.2	3524832	2.7	
18	26.1	1431.4	1.9	4	-1	2.4	0	3530776	3.1	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
18	25.8	1431.3	2.7	4.1	-1	3.6	-0.1	3572953	3.4	
18	25.5	1431.3	2.4	5.1	-0.9	3.9	-0.1	3647649	4	
18	25.2	1431.5	1.9	5.4	-0.7	3.8	-0.1	3758977	4.3	
18	24.9	1431.7	2.1	6.5	-0.5	4.4	-0.1	3913552	4.8	
18	24.6	1431.9	1.7	5.7	-0.3	4.3	-0.2	4105393	4.9	
18	24.3	1432	2.4	6.6	-0.3	5.4	-0.1	4343880	4.9	
18	24	1432.3	2.5	5.4	-0.1	5.6	0.1	4591557	4.9	
18	23.7	1432.3	2.7	4.7	-0.2	5.9	0.3	4846644	4.8	
18	23.4	1432.6	2.3	2.9	0.1	5.6	0.4	5081918	4.6	
18	23.1	1432.6	2.8	2.8	0	6	0.5	5287248	4.2	
18	22.8	1432.9	2.6	1.7	-0.1	5.8	0.8	5424223	3.8	
18	22.5	1433	3.4	1.8	-0.2	5.8	1	5466710	3	
18	22.2	1433.2	2.9	1.8	-0.3	5.3	1.2	5424223	2.5	
18	21.9	1433.2	2.3	0.9	-0.6	4.8	1.4	5287248	1.9	
18	21.6	1433.1	1	0.7	-1	2.8	1.4	5094283	1.3	
18	21.3	1433	1.3	-0.2	-1.2	2.8	1.3	4880536	1.2	
18	21	1432.9	0	-1.1	-1.6	1.6	1.2	4684005	1.4	
18	20.7	1432.9	-0.3	-0.7	-1.7	1.2	1.1	4541757	1.8	
18	20.4	1432.8	-0.6	-2.2	-2	1.8	1	4445329	2.4	
18	20.1	1432.7	-0.8	-1.6	-1.9	1.5	0.7	4371086	3	
18	19.8	1432.6	-1.5	-2.9	-1.9	1.9	0.5	4334886	4.1	
18	19.5	1432.7	-3.5	-4	-1.9	1.7	0.6	4325930	5.8	
18	19.2	1433.1	-3.4	-4.3	-1.6	2.5	0.7	4325930	6.2	
18	18.9	1433.5	-3.2	-4.1	-1.4	3.9	0.8	4343880	6.3	
18	18.6	1434	-2.7	-3.9	-0.9	3.9	0.9	4343880	6.2	
18	18.3	1434.4	-2.2	-3.8	-0.8	4.4	1.1	4325930	6	
18	18	1434.6	-2.6	-3.5	-0.7	4	1.2	4281698	5.7	
18	17.7	1434.8	-2	-4	-0.5	4.4	1.4	4229798	5.1	
18	17.4	1434.8	-1.5	-2.5	-0.4	4.4	1.4	4170817	4.4	
18	17.1	1434.9	-1.1	-3.4	-0.3	4.8	1.4	4097359	3.4	
18	16.8	1435	-0.4	-1.3	-0.3	4.3	1.4	4041989	2.5	
18	16.5	1435.2	-3	-5.4	0	1.3	1.1	3980514	2	
18	16.2	1435.2	-0.8	-2.3	0.1	3	0.8	3935621	1.6	
18	15.9	1435.3	-0.8	-3.2	0.3	2.3	0.6	3877315	1.5	
18	15.6	1435.4	-1.2	-4	0.5	2.4	0.5	3820712	1.6	
18	15.3	1435.2	-1.8	-4	0.4	1.6	0.3	3772523	1.8	
18	15	1435	-1.4	-3.5	0.5	2.1	0.1	3725534	2	
18	14.7	1434.8	-1.4	-3.1	0.5	2.4	-0.1	3686180	2.2	
18	14.4	1434.7	-1	-2.7	0.4	2.4	-0.2	3641305	2.3	
18	14.1	1434.7	-1.4	-2.8	0.3	3.7	-0.2	3603701	2.7	
18	13.8	1434.6	-1.6	-4.2	0.4	2.6	-0.3	3585189	2.9	
18	13.5	1434.5	-1	-2.9	0.3	3.5	-0.2	3591338	3.1	
18	13.2	1434.2	-1.4	-4.1	0.1	3.3	-0.2	3616149	3.2	
18	12.9	1434.1	-1.2	-3.6	0.1	3.9	0	3660403	3.5	
18	12.6	1433.9	-1.5	-3.4	-0.2	3.9	0.2	3745528	3.8	
18	12.3	1433.9	-2	-4.1	-0.5	3.8	0.6	3863008	4.2	
18	12	1434	-1.8	-3.5	-0.7	3.5	0.9	4003346	4.4	
18	11.7	1434	-1.8	-4.2	-0.9	3.7	1.1	4170817	4.6	
18	11.4	1433.8	-1.7	-4.2	-1.3	4	1.3	4352911	4.8	
18	11.1	1433.5	-2	-4.7	-1.8	3.8	1.4	4531927	5.1	
18	10.8	1433.2	-1.7	-4	-2	4.4	1.4	4694507	5.2	
18	10.5	1432.8	-1.4	-4.2	-2.4	4.4	1.4	4824309	5.2	
18	10.2	1432.8	-1.8	-4.4	-2.6	4.1	1.6	4903396	5.2	
18	9.9	1432.7	-1.8	-5.2	-2.5	4	1.5	4926471	4.9	
18	9.6	1432.8	-0.9	-3.8	-2.3	4.8	1.4	4914906	4.3	
18	9.3	1432.9	-0.4	-2.7	-2.1	4	1.4	4903396	3.5	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
18	9	1433.1	-0.3	-1.3	-1.7	3.4	1.4	4891940	2.9	
18	8.7	1433.3	-0.4	-1.7	-1.4	2.9	1.6	4891940	2.5	
18	8.4	1433.4	-0.5	-0.5	-1.2	2.5	1.6	4891940	2.1	
18	8.1	1433.5	0.1	0.4	-1	2.6	1.7	4914906	1.8	
18	7.8	1433.6	0.1	0.7	-0.8	2.6	1.6	4961493	1.7	
18	7.5	1433.5	0.2	1	-0.9	2.8	1.5	5033053	1.9	
18	7.2	1433.4	-0.9	0.6	-0.9	1.5	1.4	5106708	2.2	
18	6.9	1433.2	-0.1	3.4	-1.2	2.3	1.1	5182550	2.4	
18	6.6	1433.1	0.1	3.5	-1.5	3	1	5273930	2.9	
18	6.3	1432.8	0.3	3.5	-2	3.5	0.8	5354860	3.5	
18	6	1432.8	-0.1	2.6	-2.1	3.7	0.8	5396263	4.2	
18	5.7	1432.7	0.1	2.3	-2.2	4.2	0.7	5424223	4.7	
18	5.4	1432.7	0.2	2.8	-2.1	5.1	0.6	5438312	5.2	
18	5.1	1433	0.4	2.4	-1.5	5.4	0.6	5452474	5.5	
18	4.8	1433.1	0.5	2	-0.9	6.2	0.5	5438312	5.8	
18	4.5	1433.6	0.4	1.5	0	6	0.5	5410207	6	
18	4.2	1434.2	0.4	0.8	0.9	6.1	0.5	5368590	6	
18	3.9	1434.7	1	4	1.8	6.5	0.4	5354860	5.8	
18	3.6	1434.8	1.2	2	2.3	6.6	0.2	5341199	5.5	
18	3.3	1434.8	1.1	1.9	2.7	6	0	5354860	5.2	
18	3	1434.7	0.5	1.7	2.6	5.3	-0.2	5382391	5.1	
18	2.7	1434.3	0.8	2.6	2.1	5.3	-0.5	5438312	4.9	
18	2.4	1433.7	1.1	2.5	1.4	5.2	-0.7	5539021	4.8	
18	2.1	1433.1	0.9	2.3	0.6	5.2	-0.7	5720629	4.8	
18	1.8	1432.5	0.6	1.6	-0.3	5.2	-0.7	5965100	4.8	
18	1.5	1432.1	0.3	1.7	-0.8	4.7	-0.7	6268713	4.8	
18	1.2	1431.7	0.3	1.9	-1.2	4.4	-0.6	6646826	4.8	
18	0.9	1431.6	0.4	1.4	-1.4	5	-0.4	7073480	4.8	
18	0.6	1431.9	0.4	1.8	-1.2	4.9	-0.1	7531475	4.5	
18	0.3	1432.4	0.4	1.6	-0.8	4.8	0.3	8022031	4	
18	0	1432.9	0.8	2.3	-0.1	3.7	0.5	8616255	3.2	
17	999.7	1432.8	0.7	2.7	-0.1	3.3	0.6	9223568	2.7	
17	999.4	1432.7	0	1.8	0	2.3	0.7	9783879	2.3	
17	999.1	1432.6	-0.2	1.6	0.1	1.9	0.8	10263481	2	
17	998.8	1432.2	0.1	1.8	0	2.2	0.8	10737180	1.8	
17	998.5	1432	-0.6	1.4	-0.3	1.1	0.9	11317568	1.6	
17	998.2	1431.7	-0.5	1.2	-0.7	1.5	0.9	11829096	1.8	
17	997.9	1431.4	-1.5	-0.1	-1.3	1	0.8	12462798	2.5	
17	997.6	1431.4	-0.6	1.2	-1.5	2.7	0.8	13168239	2.9	
17	997.3	1431.4	-0.7	1.1	-1.6	2.9	0.8	14052014	3.3	
17	997	1431.4	-0.6	0.3	-1.5	3.6	0.8	15062950	3.5	
17	996.7	1431.3	-0.5	-0.1	-1.5	4.6	0.7	16230620	3.9	
17	996.4	1431.1	-0.8	-0.5	-1.3	4.2	0.5	18206522	4.2	
17	996.1	1431.2	-0.6	-0.2	-1.2	5	0.5		4.4	
17	995.8	1431.2	-0.8	-0.3	-0.9	4	0.4		4.4	
17	995.5	1431.3	-0.4	-0.5	-0.6	5.7	0.4		4.5	
17	995.2	1431.3	-1.5	-1.6	-0.4	4.5	0.2		4.6	
17	994.9	1431.5	-1.4	-1.6	-0.3	4.6	0.2		4.5	
17	994.6	1431.5	-1.4	-0.5	-0.1	3.8	0.1		4.5	
17	994.3	1431.6	-2.2	-2.1	0.1	3.2	0.1		4.5	
17	994	1431.6	-1.6	-1.7	0.3	3.9	-0.1		4.4	
17	993.7	1431.8	-1.8	-2.1	0.6	3.1	-0.2		4.1	
17	993.4	1431.7	-0.4	-0.3	0.5	4.2	-0.3	-1.9E+07	3.8	
17	993.1	1431.6	-1.7	-1.8	0.6	2.2	-0.4	-1.9E+07	3.8	
17	992.8	1431.7	-2.2	-2.4	0.6	2.6	-0.4	-1.9E+07	3.8	
17	992.5	1431.8	-2.2	-2.6	0.7	2.6	-0.5		3.7	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
17	992.2	1431.7	-0.9	-1.4	0.6	3.1	-0.6		3.5	
17	991.9	1431.6	-1.2	-1.6	0.4	3.2	-0.6		3.5	
17	991.6	1431.7	-1.4	-1.8	0.5	3.2	-0.6		3.4	
17	991.3	1431.6	-1	-2	0.3	3.6	-0.6		3.3	
17	991	1431.8	-0.9	-2.1	0.3	3.1	-0.5		3.2	
17	990.7	1431.6	0.1	-1	0	4.3	-0.4		3.2	
17	990.4	1431.7	-0.4	-0.9	0	4.3	-0.3		3.2	
17	990.1	1431.8	-0.8	-1.6	-0.1	4.4	-0.2		3.1	
17	989.8	1431.9	0.4	-0.7	-0.1	4.3	-0.1		3	
17	989.5	1431.9	0.4	-0.5	-0.2	4.6	0.1		3	
17	989.2	1432	-0.8	-1.4	-0.3	3.9	0.4		3.1	
17	988.9	1432	-0.8	-1.1	-0.2	4.1	0.5		3.1	
17	988.6	1432.3	-1.1	-1.4	-0.1	3.7	0.6		3.1	
17	988.3	1432.4	-0.3	-0.7	-0.1	4	0.8		3.1	
17	988	1432.3	-0.8	-1.2	-0.2	4.2	0.8		3.4	
17	987.7	1432.5	-2	-2.4	-0.1	3.4	0.7		3.3	
17	987.4	1432.5	-0.9	-1.7	0	3.5	0.5		3.2	
17	987.1	1432.4	-1.1	-1.8	0	3.3	0.4		3.2	
17	986.8	1432.1	-1.8	-1.8	-0.2	3.3	0.1		3.3	
17	986.5	1431.8	-2.5	-2.3	-0.2	3.1	-0.4		3.4	
17	986.2	1431.7	-2.6	-2.7	-0.2	2.8	-0.9	-1.9E+07	3.4	
17	985.9	1431.7	-2.4	-1.8	0.1	2.8	-1.4	-1.8E+07	3.4	
17	985.6	1431.7	-2.9	-2.4	0.2	2.3	-1.6	-1.7E+07	3.4	
17	985.3	1431.9	-3.5	-2	0.8	2.2	-1.9	-1.6E+07	3.5	
17	985	1432	-2.8	-2.2	1	2.6	-2.2	-1.5E+07	3.6	
17	984.7	1432.2	-2.9	-2.2	1.3	2.3	-2.3	-1.4E+07	3.8	
17	984.4	1432.4	-2.9	-2.3	1.8	2.8	-2.3	-1.4E+07	4.2	
17	984.1	1432.8	-3.6	-3.1	2.1	3.2	-2	-1.3E+07	4.9	
17	983.8	1433.3	-2.8	-2	2.2	4.7	-1.5	-1.3E+07	5.4	
17	983.5	1433.6	-3.2	-2.6	1.9	4.6	-0.8	-1.2E+07	6	
17	983.2	1433.8	-2.7	-1.9	1.8	5.6	-0.3	-1.2E+07	6.4	
17	982.9	1433.5	-2.5	-2.1	1	6.9	0.1	-1.2E+07	6.7	
17	982.6	1433.8	-2.7	-1.2	1	5.7	0.5	-1.2E+07	6.8	
17	982.3	1434	-1.6	-0.2	0.8	6.8	0.8	-1.3E+07	6.5	
17	982	1433.7	-1.2	0.2	0.3	6.8	0.9	-1.3E+07	6.1	
17	981.7	1433.6	-1.2	1	-0.3	7	1.1	-1.3E+07	5.6	
17	981.4	1433.5	-1.6	0	-0.7	5.4	1.1	-1.4E+07	5.2	
17	981.1	1433.3	-1.3	0.5	-1	5.5	1.1	-1.4E+07	4.8	
17	980.8	1433	-0.8	-0.4	-1.4	5.8	1	-1.4E+07	4.4	
17	980.5	1432.8	-1.9	-0.2	-1.1	3.8	0.8	-1.5E+07	4	
17	980.2	1432.7	-0.5	1.7	-1.2	4.8	0.6	-1.5E+07	3.6	
17	979.9	1432.6	-1	1.2	-1.3	4	0.5	-1.5E+07	3.5	
17	979.6	1432.7	-0.8	0.1	-1	4.3	0.4	-1.5E+07	3.5	
17	979.3	1432.8	-1.6	-0.4	-0.5	3.3	0.2	-1.5E+07	3.6	
17	979	1432.9	-0.7	0.7	-0.2	4.4	0	-1.4E+07	3.5	
17	978.7	1432.8	-0.8	0.2	-0.2	4.4	-0.1	-1.4E+07	3.6	
17	978.4	1432.9	-1.7	-0.8	0.2	3	-0.2	-1.3E+07	3.7	
17	978.1	1432.8	-1	-1.1	0.4	4.5	-0.4	-1.3E+07	3.6	
17	977.8	1432.7	-0.7	-0.3	0.5	4.1	-0.5	-1.2E+07	3.7	
17	977.5	1432.8	-1.5	-0.7	0.6	4	-0.4	-1.2E+07	4	
17	977.2	1432.8	-2	-2.4	0.6	3.3	-0.4	-1.2E+07	4.3	
17	976.9	1432.7	-1.5	-1.9	0.5	4.2	-0.5	-1.2E+07	4.3	
17	976.6	1432.8	-1.7	-0.9	0.5	3.9	-0.4	-1.2E+07	4.6	
17	976.3	1432.8	-1.8	-1	0.4	4.2	-0.4	-1.2E+07	4.6	
17	976	1432.8	-1.1	0	0.2	4.9	-0.3	-1.2E+07	4.7	
17	975.7	1432.7	-1.9	-1.6	0.1	3.9	-0.3	-1.2E+07	4.7	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
17	975.4	1432.7	-1.7	-0.9	0.2	4.4	-0.4	-1.3E+07	4.8	
17	975.1	1432.7	-2	0	0.1	4.2	-0.5	-1.3E+07	4.8	
17	974.8	1432.6	-1.1	-0.2	0.1	5.5	-0.6	-1.4E+07	4.7	
17	974.5	1432.6	-1.3	-0.2	0.2	4.3	-0.6	-1.4E+07	4.6	
17	974.2	1432.5	-1.2	0.6	0.1	4.9	-0.7	-1.5E+07	4.5	
17	973.9	1432.8	-1.9	0.6	0.3	4.2	-0.6	-1.7E+07	4.5	
17	973.6	1432.9	-1	1.6	0.2	5.2	-0.5	-1.8E+07	4.4	
17	973.3	1433	-1.2	1.2	0.2	4.8	-0.4	-1.9E+07	4.3	
17	973	1433.1	-2	0.9	0.3	3.8	-0.4	-1.9E+07	4.3	
17	972.7	1433.3	-1.4	2.1	0.3	4.8	-0.3	-1.9E+07	4.3	
17	972.4	1433.5	-1.8	1	0.4	3.6	-0.2	-1.9E+07	4.1	
17	972.1	1433.4	-0.5	2.4	0.3	5	-0.2	-1.8E+07	4.1	
17	971.8	1433.4	-1.6	1.3	0.4	3.7	-0.2	-1.7E+07	4.2	
17	971.5	1433.4	-1.5	2.1	0.2	4.8	-0.2	-1.6E+07	4.6	
17	971.2	1433.5	-2.4	0.4	0.4	3.7	-0.2	-1.4E+07	4.9	
17	970.9	1433.7	-1.6	1.6	0.3	4.8	-0.1	-1.3E+07	5	
17	970.6	1433.7	-1.3	1.4	0.3	5.2	-0.1	-1.2E+07	5.1	
17	970.3	1433.9	-1.8	0.7	0.2	4.9	-0.1	-1.1E+07	4.9	
17	970	1433.9	-1.5	1.2	0.2	5.3	-0.1	-1E+07	5.1	
17	969.7	1434	-1.5	0.1	0.3	5.6	-0.1	-9389014	5.1	
17	969.4	1433.9	-1	0.2	0.2	5.8	-0.1	-8871822	5.1	
17	969.1	1433.9	-1.5	-0.3	0.4	4.8	-0.1	-8511179	5.1	
17	968.8	1433.7	-1.4	0.2	0.3	5.8	-0.1	-8275692	5.2	
17	968.5	1433.9	-1.6	-0.3	0.6	5	0	-8115310	5.2	
17	968.2	1434	-0.8	0	0.8	6.1	0.2	-8052885	5.3	
17	967.9	1434.2	-2.3	-0.4	1.2	4.2	0.2	-8146887	5.1	
17	967.6	1434.1	-1.6	-1.1	1.2	5.4	0.4	-8275692	5.7	
17	967.3	1434.2	-3.5	-2.5	1.3	3.8	0.4	-8408635	5.8	
17	967	1434.2	-1.8	-1	1.5	4.6	0.2	-8580943	5.6	
17	966.7	1433.8	-0.9	0.7	1.2	5.4	0	-8797269	5.5	
17	966.4	1433.6	-1.5	-0.8	1.2	4.6	-0.2	-8947650	5.6	
17	966.1	1432.9	-1.3	-0.5	0.6	5.4	-0.6	-9103261	5.9	
17	965.8	1432.4	-1.9	-0.2	0.3	4.6	-0.9	-9223568	6.3	
17	965.5	1431.7	-1.1	-0.1	-0.3	6.2	-1.3	-9347098	6.5	
17	965.2	1431.1	-1	-0.3	-0.6	6.6	-1.4	-9517046	7	
17	964.9	1430.9	-1.5	0	-0.8	7.7	-1.6	-9693287	7.1	
17	964.6	1431	-0.7	1.3	-0.7	7.2	-1.5	-9922986	6.9	
17	964.3	1431.3	0	1.5	-0.4	7.4	-1.3	-1E+07	6.4	
17	964	1431.6	0.3	2	-0.4	7.6	-1	-1E+07	6.1	
17	963.7	1432	0	1.8	-0.1	6.3	-0.6	-1.1E+07	5.7	
17	963.4	1432.1	0.3	1.4	0.1	6.4	-0.4	-1.1E+07	5.1	
17	963.1	1432.3	0.7	2.6	0.4	5.9	-0.1	-1.1E+07	4.4	
17	962.8	1432.2	0.3	2	0.3	5.2	0.2	-1.1E+07	4.1	
17	962.5	1432.3	-0.7	1.3	0.4	4.2	0.4	-1.1E+07	3.8	
17	962.2	1432.2	-0.1	1	0.3	4	0.4	-1E+07	3.7	
17	961.9	1432.2	-1.1	0.2	0.3	2.8	0.2	-1E+07	3.6	
17	961.6	1432.4	-0.8	0.4	0.5	2.8	0	-1E+07	3.6	
17	961.3	1432.4	0.1	2	0.4	4.2	-0.2	-9829812	3.7	
17	961	1432.3	-0.1	0.9	0.4	3.8	-0.4	-9604358	4	
17	960.7	1432.3	-0.6	0.6	0.5	3.4	-0.6	-9305556	4.3	
17	960.4	1432.2	-0.5	1.5	0.6	4	-0.8	-9063853	4.6	
17	960.1	1432.1	-0.6	0.8	0.6	4.5	-0.9	-8871822	4.7	
17	959.8	1431.9	-0.1	1.7	0.6	5.2	-1	-8723959	4.9	
17	959.5	1432	-0.5	0	0.6	5.5	-0.9	-8687760	5.1	
17	959.2	1432.1	-0.3	1.3	0.6	5.6	-0.8	-8651860	5.2	
17	958.9	1432.3	-0.7	0.8	0.7	4.9	-0.7	-8580943	5.3	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
17	958.6	1432.4	-0.2	2.2	0.8	5.6	-0.6	-8476721	5.3	
17	958.3	1432.5	0	1.6	0.6	5.8	-0.4	-8308532	5.2	
17	958	1432.6	-0.1	1.2	0.3	5.5	-0.1	-8052885	5.1	
17	957.7	1432.5	-0.2	1.6	0.2	5.5	-0.1	-7783457	5.1	
17	957.4	1432.4	-0.6	0.9	0.1	5.1	0	-7424646	5	
17	957.1	1432.4	-0.7	0.8	-0.1	4.9	0.1	-7049664	4.9	
17	956.8	1432.2	-0.5	0.5	-0.3	4.8	0.1	-6754032	4.7	
17	956.5	1432.1	-0.8	0.7	-0.3	4.6	0	-6522586	4.6	
17	956.2	1432.1	-0.9	0.5	-0.2	4.1	0	-6402905	4.5	
17	955.9	1432.3	-0.7	0.9	0	4.7	0	-6422546	4.3	
17	955.6	1432.5	-0.5	0.3	0.1	4.4	0	-6542969	4.2	
17	955.3	1432.6	-0.5	1.8	0.3	4.4	0	-6775890	4.1	
17	955	1432.7	-1.2	0.4	0.5	3.4	-0.1	-7097458	4	
17	954.7	1432.7	-0.9	2.6	0.5	4.1	-0.1	-7558664	3.8	
17	954.4	1432.7	-0.9	0.9	0.5	3.7	-0.1	-8052885	3.5	
17	954.1	1432.5	-0.9	0	0.4	3.2	-0.2	-8545919	3.2	
17	953.8	1432.3	-0.9	0.6	0.2	3.1	-0.2	-8871822	3.2	
17	953.5	1432.2	-2.2	-0.9	0.1	1.7	-0.3	-8947650	3.2	
17	953.2	1432.2	-1.3	0.6	0.1	2.5	-0.4	-8834388	2.9	
17	952.9	1432.1	-1.4	-0.3	0.1	2.2	-0.5	-8580943	2.7	
17	952.6	1432.1	-0.7	0.3	0	3.2	-0.5	-8178711	2.8	
17	952.3	1432.1	-1.6	-0.1	-0.1	2.3	-0.5	-7754630	3.2	
17	952	1432.3	-1.7	-1	0	2.2	-0.5	-7372359	3.3	
17	951.7	1432.4	-1	-1	0.3	3.8	-0.6	-7073480	3.3	
17	951.4	1432.5	-0.6	-0.9	0.5	3.8	-0.7	-6864754	3.4	
17	951.1	1432.5	-0.7	-0.7	0.5	4.6	-0.7	-6732315	3.7	
17	950.8	1432.4	-1.3	-1.6	0.6	4	-0.8	-6689297	4.1	
17	950.5	1432.5	-1.2	-1.9	0.7	4.5	-0.7	-6710737	4.3	
17	950.2	1432.6	-1.1	-1.4	0.8	4.6	-0.6	-6797890	4.4	
17	949.9	1432.7	-0.5	0.2	0.9	5.8	-0.5	-6932947	4.5	
17	949.6	1432.9	-0.3	-0.2	0.9	6.4	-0.2	-7121599	4.6	
17	949.3	1433	-2	-0.9	1	4.4	-0.2	-7320804	4.8	
17	949	1433.1	-1.1	-0.3	1.1	5	-0.3	-7531475	5	
17	948.7	1433.1	-1	-1.1	1	5.1	-0.4	-7726015	5.6	
17	948.4	1433	-1	-0.9	0.6	5.8	-0.5	-7900944	6.1	
17	948.1	1433	-1.5	-0.9	0.6	5.4	-0.6	-8022031	6.5	
17	947.8	1432.8	-1.8	-1.3	0.3	5.8	-0.7	-8052885	7	
17	947.5	1432.5	-2.1	-1.5	0	5.3	-0.9	-8083977	7.5	
17	947.2	1432	-2.5	-2.4	-0.4	5.3	-1.1	-8052885	7.9	
17	946.9	1432	-2.2	-1.7	-0.3	6.6	-1.1	-7961027	7.6	
17	946.6	1432.1	-1.6	-1.3	-0.2	6.4	-1.1	-7841760	6.7	
17	946.3	1432.6	-0.3	0.4	0	6.2	-0.8	-7726015	5.7	
17	946	1433.3	-0.2	0	0.6	5.2	-0.5	-7613637	4.6	
17	945.7	1433.5	0.3	0.3	0.7	5.6	-0.3	-7504480	3.8	
17	945.4	1433.8	0	0.1	1.1	3.9	-0.2	-7451068	2.6	
17	945.1	1434	0.8	1	1.3	3.6	0	-7424646	1.3	
17	944.8	1434	0.6	1.2	1.4	2.9	0.2	-7451068	0.6	
17	944.5	1433.7	-0.3	0.4	1.1	1.8	0.2	-7531475	0.3	
17	944.2	1433.8	-1.4	-0.9	1.2	0.1	0.2	-7669414	0.1	
17	943.9	1433.7	-0.6	0.2	1	0.4	-0.1	-7871241	0.1	
17	943.6	1433.4	-0.7	0.2	0.5	0.5	-0.4	-8115310	0.5	
17	943.3	1433.2	-1.4	-0.7	0.4	0.5	-0.7	-8408635	1.5	
17	943	1433	-0.8	-0.3	0.1	2.3	-0.8	-8723959	2.4	
17	942.7	1432.8	-0.9	-0.4	0	2.8	-1	-9063853	2.9	
17	942.4	1432.7	-0.9	0.3	-0.2	3.4	-1	-9347098	3.4	
17	942.1	1432.8	-1.5	-0.6	0	3.8	-1	-9648618	3.8	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
17	941.8	1432.8	-1.2	-0.3	-0.2	4.6	-1	-9922986	4	
17	941.5	1433	-1.4	-0.5	-0.1	4.5	-0.9	-1E+07	4.2	
17	941.2	1433.3	-1.2	-0.3	0.2	5	-0.8	-1E+07	4.2	
17	940.9	1433.5	-1.1	1.1	0.1	5.2	-0.6	-1E+07	4.2	
17	940.6	1433.6	-1.5	-0.2	0.2	4.6	-0.5	-1E+07	4.4	
17	940.3	1433.6	-2.3	-0.9	0.2	3.9	-0.4	-1E+07	4.6	
17	940	1433.7	-2.4	-1.7	0.3	4.2	-0.3	-9738372	4.6	
17	939.7	1433.9	-2.6	-1	0.4	4.4	-0.2	-9305556	4.5	
17	939.4	1434.2	-2.3	-0.6	0.7	3.8	-0.1	-8687760	4.4	
17	939.1	1434.3	-2.8	-1.8	0.8	3.8	0	-8083977	4.5	
17	938.8	1434.4	-3.4	-2.8	0.8	3	0	-7586051	4.4	
17	938.5	1434.7	-2.8	-2.1	1	3.6	0	-7195017	4.1	
17	938.2	1434.9	-2.5	-1.2	1.1	3.3	0	-6932947	3.8	
17	937.9	1434.7	-2.3	-1.1	0.9	3.3	0	-6775890	3.6	
17	937.6	1434.6	-3	-1.9	0.9	3.1	0	-6710737	3.7	
17	937.3	1434.5	-3.4	-2.9	0.7	2.7	-0.1	-6754032	3.6	
17	937	1434.4	-2.2	-1.9	0.5	3.2	-0.2	-6910066	3.5	
17	936.7	1434.1	-2.9	-0.9	0.3	2.4	-0.3	-7145905	3.4	
17	936.4	1434	-2.8	-1.7	0.4	3.3	-0.4	-7477679	3.7	
17	936.1	1434	-3.5	-2.5	0.1	2.3	-0.4	-7841760	3.8	
17	935.8	1434	-2.5	-1.5	0	3.2	-0.4	-8243110	3.8	
17	935.5	1434	-1.7	-0.2	0	3	-0.2	-8651860	3.8	
17	935.2	1433.7	-2.4	-0.6	-0.3	3	-0.1	-9103261	3.9	
17	934.9	1433.8	-2.5	-0.4	-0.3	2.9	0	-9560502	3.8	
17	934.6	1434	-1.5	1	-0.4	3.3	0.2	-1E+07	3.8	
17	934.3	1433.9	-1	1.2	-0.6	3.6	0.4	-1.1E+07	3.8	
17	934	1433.7	-1.3	0.3	-0.8	3.5	0.5	-1.1E+07	3.7	
17	933.7	1433.8	-1.2	-0.9	-0.8	4.3	0.6	-1.2E+07	3.8	
17	933.4	1433.8	-1.3	-1.1	-0.8	3.6	0.6	-1.2E+07	3.6	
17	933.1	1433.7	0.4	0.1	-0.8	4.8	0.5	-1.3E+07	3.2	
17	932.8	1433.6	0.1	0.1	-0.5	4.4	0.4	-1.3E+07	2.7	
17	932.5	1433.7	0.2	-0.6	-0.2	4.1	0.2	-1.4E+07	2.2	
17	932.2	1434	0.1	-0.5	0	3.7	0.2	-1.4E+07	1.7	
17	931.9	1434.1	1.3	1.6	0.5	3.6	0.1	-1.3E+07	0.8	
17	931.6	1434	0.6	2	0.9	2.6	-0.1	-1.3E+07	0.3	
17	931.3	1434.1	0.1	0.7	1.3	2	-0.3	-1.3E+07	0.2	
17	931	1434.1	0	0.7	1.7	1.9	-0.6	-1.2E+07	0.3	
17	930.7	1433.9	-0.6	0.8	1.8	1.3	-1	-1.2E+07	1.1	
17	930.4	1433.7	-0.7	0.1	1.7	2	-1.2	-1.2E+07	2.1	
17	930.1	1433.6	-0.9	0	1.5	2.6	-1.3	-1.1E+07	3.2	
17	929.8	1433.5	-2.2	-1.3	1.2	2.1	-1.5	-1.1E+07	4.2	
17	929.5	1433.2	-1.9	-0.4	1	2.6	-1.8	-1.1E+07	5	
17	929.2	1432.6	-2.1	-0.9	0.6	3.3	-2	-1.1E+07	5.7	
17	928.9	1432.3	-2.2	-0.8	0.1	3.9	-2	-1.1E+07	6.3	
17	928.6	1432.2	-1.9	-0.7	-0.3	4.9	-1.9	-1.1E+07	6.9	
17	928.3	1432.5	-1.9	-0.8	-0.3	5.7	-1.6	-1.1E+07	7.5	
17	928	1432.8	-1.2	0.3	-0.3	6.6	-1.3	-1.1E+07	7.4	
17	927.7	1433.2	-0.7	1.6	-0.2	6.4	-1	-1.1E+07	7.1	
17	927.4	1433.6	-0.3	2.1	-0.1	7.2	-0.7	-1.1E+07	6.7	
17	927.1	1433.9	-0.3	2.3	0	6.8	-0.4	-1.1E+07	6.5	
17	926.8	1434.1	0	2.3	0.3	6.8	-0.1	-1.1E+07	5.9	
17	926.5	1434.3	0.3	3.1	0.4	6.5	0.2	-1.1E+07	5.3	
17	926.2	1434.6	0.3	3.7	0.7	5.6	0.5	-1.2E+07	4.8	
17	925.9	1434.9	0.4	3.2	0.8	5.4	0.8	-1.2E+07	4.5	
17	925.6	1435.1	-0.1	2.4	1.1	4.4	0.9	-1.2E+07	4.3	
17	925.3	1435.1	0.8	3.1	1.2	4.8	1	-1.3E+07	4.1	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
17	925	1435.2	0.7	3.7	1.2	4.1	1.1	-1.3E+07	3.9	
17	924.7	1435.3	0.7	4.1	1.2	4	1.3	-1.3E+07	3.8	
17	924.4	1435.3	0.3	2.5	1.1	3.2	1.3	-1.3E+07	3.8	
17	924.1	1435.1	0.4	3.3	0.9	3	1.1	-1.3E+07	3.7	
17	923.8	1434.6	0.9	3.7	0.4	3.3	0.8	-1.2E+07	3.5	
17	923.5	1434.1	1	4.5	0.1	3	0.5	-1.2E+07	3.4	
17	923.2	1433.3	0.9	3.4	-0.3	3.2	0.1	-1.2E+07	3.5	
17	922.9	1432.7	0.8	2.5	-0.7	2.6	-0.3	-1.1E+07	3.6	
17	922.6	1432.1	1.2	3.6	-1	3.3	-0.7	-1.1E+07	3.7	
17	922.3	1431.7	1.4	3.9	-1	3.3	-1.1	-1.1E+07	3.7	
17	922	1431.8	1.7	3.2	-0.8	4	-1.2	-1.1E+07	4	
17	921.7	1431.9	1.8	2.8	-0.4	4.6	-1.3	-1.1E+07	4.4	
17	921.4	1432.1	1.9	3.2	0	5.1	-1.3	-1.1E+07	4.5	
17	921.1	1432.2	2.3	3.5	0.2	5.4	-1.2	-1.1E+07	4.6	
17	920.8	1432	2.5	3.8	0.5	6	-1.2	-1.1E+07	4.7	
17	920.5	1432.2	2.7	2.3	0.8	6.4	-1	-1.2E+07	4.8	
17	920.2	1432.3	2.5	2.4	1	6.5	-0.8	-1.2E+07	4.7	
17	919.9	1432.3	2.8	2.6	1	6.3	-0.6	-1.3E+07	4.2	
17	919.6	1432.3	3	2.9	0.8	5.6	-0.5	-1.3E+07	3.6	
17	919.3	1432.1	2.8	1.5	0.4	4.9	-0.4	-1.5E+07	3.3	
17	919	1432.2	1.7	1.1	0.3	3.5	-0.3	-1.6E+07	2.9	
17	918.7	1432.2	2.1	2	0.1	3.4	-0.2	-1.9E+07	2.3	
17	918.4	1432.1	1.6	1.6	0	2.3	-0.1		2	
17	918.1	1432	1.4	2	-0.3	1.6	0		1.9	
17	917.8	1432.1	0.2	0.9	-0.3	1	0.1		2.1	
17	917.5	1432.1	0	0.9	-0.3	1	0.1		2.3	
17	917.2	1432.3	0.4	2.6	-0.2	1.4	0.2		2.4	
17	916.9	1432.4	0.6	2.5	0.1	1.6	0.2		2.5	
17	916.6	1432.3	0.2	2.3	0	2.2	0.2		2.6	
17	916.3	1432.3	-0.4	1.8	0	1.5	0.2		2.7	
17	916	1432.4	0.1	2	0.2	2.4	0.1		2.6	
17	915.7	1432.3	0.7	2.6	0.2	2.4	0		2.4	
17	915.4	1432.3	0.1	1.3	0.2	2.7	0.1		2.5	
17	915.1	1432.3	-0.1	0.6	0.1	2.9	0.2		2.6	
17	914.8	1432.3	-0.3	0	0	2.5	0.2		2.6	
17	914.5	1432.1	0.1	0.4	0	3	0	-1.7E+07	2.7	
17	914.2	1432.1	-0.5	-0.5	-0.1	2.7	0	-1.4E+07	2.9	
17	913.9	1432.1	-0.5	-0.8	-0.2	3.3	0.1	-1.2E+07	3.2	
17	913.6	1432.1	-1	-1.3	-0.2	2.8	0.1	-1.1E+07	3.3	
17	913.3	1432.2	-0.1	-0.5	0	3.4	0.1	-9560502	3.1	
17	913	1432	-0.5	-0.4	0	3.1	0	-8909575	3	
17	912.7	1431.9	-0.8	-1.6	0.1	2.8	-0.1	-8511179	3.1	
17	912.4	1431.9	-0.8	-1.5	0.3	2.9	-0.1	-8308532	3.2	
17	912.1	1431.9	-1	-1.7	0.5	3	-0.1	-8408635	3.3	
17	911.8	1432.1	-0.8	-1.1	0.6	3.1	0	-8760460	3.1	
17	911.5	1432.1	-0.8	-1.2	0.6	3	0	-9347098	3.1	
17	911.2	1432	-1.1	-2	0.5	2.8	0	-1E+07	3.1	
17	910.9	1431.9	-1.5	-2.5	0.3	2.3	-0.1	-1.1E+07	3.4	
17	910.6	1431.7	-1.2	-2.1	0.3	2.8	-0.3	-1.3E+07	3.3	
17	910.3	1431.4	-0.9	-1.7	0	3.2	-0.4	-1.5E+07	3.3	
17	910	1431	-0.7	-1.9	-0.3	3.4	-0.5	-1.8E+07	3.5	
17	909.7	1430.9	-1.5	-2.9	-0.5	3.2	-0.5		3.8	
17	909.4	1430.9	-1	-2.7	-0.5	3.5	-0.5		3.8	
17	909.1	1430.9	-0.9	-2.7	-0.6	3.8	-0.5		3.8	
17	908.8	1431	-0.6	-2.5	-0.6	3.7	-0.4		3.7	
17	908.5	1431.2	-0.7	-3	-0.5	3.9	-0.2		3.8	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
17	908.2	1431.4	-1	-3.5	-0.2	3.3	0		3.8	
17	907.9	1431.6	-0.7	-3.4	-0.1	3.5	0.2		3.5	
17	907.6	1431.7	-0.5	-3	0.1	3.6	0.3		3.3	
17	907.3	1431.9	-0.9	-3.7	0.2	3.5	0.4		3.2	
17	907	1431.8	-0.7	-3.7	0.4	3.3	0.3		3.2	
17	906.7	1431.9	-0.9	-3.7	0.7	2.9	0.2		2.9	
17	906.4	1432	-0.2	-1.9	0.6	3.1	0.2		2.5	
17	906.1	1431.9	-0.2	-2.3	0.7	2.6	-0.1		2.2	
17	905.8	1431.6	0.2	-1.4	0.7	2.8	-0.4	-2E+07	2.1	
17	905.5	1431.6	-0.6	-2	0.7	2	-0.4	-1.9E+07	2.2	
17	905.2	1431.6	-1	-1.2	0.8	1.7	-0.6	-1.8E+07	2.2	
17	904.9	1431.6	-0.9	-0.9	0.9	1.7	-0.8	-1.7E+07	2.5	
17	904.6	1431.4	-0.7	-1.1	0.8	2	-1.1	-1.6E+07	3	
17	904.3	1431.2	-1	-1.6	0.7	2.4	-1.4	-1.5E+07	3.6	
17	904	1431.4	-1	-1.2	0.8	3.1	-1.5	-1.4E+07	4.1	
17	903.7	1431.3	-0.4	0	0.6	3.7	-1.6	-1.4E+07	4.5	
17	903.4	1431.1	0	-0.1	0.4	4.3	-1.7	-1.3E+07	5	
17	903.1	1431	-0.1	-0.8	0.1	5.4	-1.5	-1.3E+07	5.5	
17	902.8	1431.1	-0.5	-0.6	0.1	5.4	-1.4	-1.3E+07	5.6	
17	902.5	1431.2	0.6	0.7	0	6.3	-1.3	-1.3E+07	5.3	
17	902.2	1431.6	1.4	1.7	-0.1	6.4	-0.8	-1.3E+07	4.9	
17	901.9	1431.8	1.2	1.1	-0.3	6	-0.2	-1.3E+07	4.6	
17	901.6	1432.2	0.2	0.7	-0.3	4.5	0.2	-1.3E+07	4.2	
17	901.3	1432.7	0.9	1.4	-0.1	4.2	0.6	-1.3E+07	3.5	
17	901	1433.1	1.2	2.2	0.1	3.7	1	-1.3E+07	2.9	
17	900.7	1433.2	0.7	0.8	0	2.6	1.2	-1.3E+07	2.4	
17	900.4	1433.3	0.5	1	0.1	2.3	1.3	-1.4E+07	2.3	
17	900.1	1433.4	0.1	0.9	0.1	1.1	1.2	-1.4E+07	2	
17	899.8	1433.6	0.4	1.2	0.2	0.9	1.1	-1.5E+07	1.7	
17	899.5	1433.4	0.7	1.7	0	1	0.8	-1.6E+07	1.8	
17	899.2	1433.2	0.8	1.6	-0.1	1.7	0.5	-1.6E+07	1.9	
17	898.9	1433.1	0.7	1.5	-0.1	1.5	0.2	-1.7E+07	2.1	
17	898.6	1432.9	0.8	1.9	-0.3	1.8	-0.1	-1.8E+07	2.3	
17	898.3	1432.9	1	2.5	-0.2	2.1	-0.2	-1.9E+07	2.4	
17	898	1432.8	1.5	2.7	-0.2	2.8	-0.3	-2E+07	2.6	
17	897.7	1433	1.4	2.3	-0.2	3.2	-0.2		2.9	
17	897.4	1433	1	1.7	-0.2	2.8	-0.2		3.1	
17	897.1	1433.3	1.7	3.2	0.2	3.6	-0.2		3.1	
17	896.8	1433.4	1.8	2.8	0.5	3.6	-0.3		3.3	
17	896.5	1433.4	1.6	2.5	0.6	3.6	-0.3		3.5	
17	896.2	1433.4	1.3	1.9	0.8	3.6	-0.4		3.5	
17	895.9	1433.4	1.9	2.6	0.7	4.2	-0.4	-2E+07	3.4	
17	895.6	1433.4	2.1	3.1	0.7	4	-0.4	-1.8E+07	3.3	
17	895.3	1433.3	2	2.7	0.5	4.2	-0.5	-1.7E+07	3.4	
17	895	1433.2	2.1	2.6	0.4	4.2	-0.6	-1.5E+07	3.3	
17	894.7	1433.2	1.8	2.7	0.4	3.8	-0.7	-1.4E+07	3.1	
17	894.4	1433.2	2.3	3	0.4	4	-0.7	-1.3E+07	2.8	
17	894.1	1433.1	2.4	3.3	0.3	3.8	-0.7	-1.3E+07	2.7	
17	893.8	1433.2	1.7	1.9	0.2	3.2	-0.5	-1.3E+07	2.8	
17	893.5	1433.3	1.2	1.4	0.2	2.6	-0.4	-1.4E+07	2.8	
17	893.2	1433.4	1.3	1.1	0.3	2.9	-0.4	-1.6E+07	2.8	
17	892.9	1433.6	1	1.6	0.3	2.4	-0.2	-1.8E+07	2.7	
17	892.6	1433.7	1.4	2.4	0.3	2.8	-0.1		2.7	
17	892.3	1433.6	0.6	1.5	0.3	2.5	-0.1		3	
17	892	1433.6	0.3	1	0.2	2	-0.1		2.8	
17	891.7	1433.7	0.9	1.9	0.2	2.4	0		2.7	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
17	891.4	1433.7	1.2	2.2	0.1	3	0.1		2.7	
17	891.1	1433.7	0.9	1.3	0	2.7	0.2		2.7	
17	890.8	1433.6	0.3	0.3	0	2.4	0.2		2.8	
17	890.5	1433.7	0.6	0.7	-0.1	3	0.2		2.7	
17	890.2	1433.7	0.5	1	-0.2	2.5	0.2		2.6	
17	889.9	1433.7	0.3	-0.3	-0.2	2.8	0.2		2.8	
17	889.6	1433.8	-0.2	-1.6	0	3	0.2		2.8	
17	889.3	1433.8	0.1	-1.1	-0.1	3.4	0.2	-1.8E+07	2.7	
17	889	1433.7	0.2	0	-0.2	2.9	0.2	-1.7E+07	2.6	
17	888.7	1433.6	0.5	-0.4	-0.2	3.2	0.2	-1.6E+07	2.5	
17	888.4	1433.5	0	-1.2	-0.2	3	0.3	-1.5E+07	2.5	
17	888.1	1433.6	-0.3	-1	0.1	3	0.4	-1.4E+07	2.4	
17	887.8	1433.7	-0.1	-0.6	0.2	3.6	0.5	-1.4E+07	2.3	
17	887.5	1433.7	-0.1	-0.2	0.2	3.3	0.6	-1.3E+07	2.2	
17	887.2	1433.7	-1.1	-1.5	0.2	2.9	0.6	-1.3E+07	2.4	
17	886.9	1433.7	-2	-2.7	0.4	2.1	0.4	-1.2E+07	2.7	
17	886.6	1433.7	-1.4	-2.2	0.6	3.2	0.1	-1.2E+07	3	
17	886.3	1433.5	-1.4	-2.1	0.9	2.4	-0.3	-1.2E+07	3.2	
17	886	1433.1	-1.4	-2.2	0.8	2.8	-0.6	-1.2E+07	3.7	
17	885.7	1432.6	-2.3	-3.3	0.8	2.8	-1.1	-1.2E+07	4.4	
17	885.4	1432.2	-3.3	-4.8	0.8	2.1	-1.6	-1.3E+07	4.8	
17	885.1	1432	-2.8	-4.2	0.7	2.9	-1.9	-1.3E+07	5.1	
17	884.8	1432	-2.9	-3.9	0.7	3.4	-2	-1.3E+07	5.2	
17	884.5	1431.9	-2.9	-4.6	0.4	3.6	-1.9	-1.4E+07	5.2	
17	884.2	1432.2	-3.5	-5.3	0.4	2.4	-1.6	-1.5E+07	4.8	
17	883.9	1432.2	-1.7	-3.3	0	4.2	-1.2	-1.6E+07	4	
17	883.6	1432.2	-0.9	-2.2	-0.3	3.4	-0.7	-1.6E+07	3.2	
17	883.3	1432.2	-1.1	-3	-0.5	3.2	-0.2	-1.7E+07	2.7	
17	883	1432.4	-1	-3.1	-0.7	3.4	0.4	-1.8E+07	2.3	
17	882.7	1432.6	-1	-3	-0.7	2.9	0.8	-1.9E+07	1.7	
17	882.4	1432.8	-1	-3.1	-0.7	2.4	1	-1.9E+07	1.3	
17	882.1	1433.1	-0.5	-2.3	-0.4	1.9	1.1	-2E+07	0.6	
17	881.8	1433.1	-0.8	-3.1	-0.5	1.8	1	-2E+07	0.5	
17	881.5	1433.3	-2.3	-4.7	0	0.5	0.8	-2E+07	1.3	
17	881.2	1433.2	-0.8	-2.5	0.2	2.1	0.5	-2E+07	1.6	
17	880.9	1433.2	-0.9	-2.1	0.5	2.1	0.2	-1.9E+07	1.9	
17	880.6	1433.1	-0.9	-2.2	0.6	2.2	0	-1.8E+07	2.2	
17	880.3	1433	-1.6	-2.6	0.6	2.1	-0.2	-1.7E+07	2.7	
17	880	1433	-1.4	-2.8	0.8	2.5	-0.4	-1.6E+07	2.7	
17	879.7	1432.9	-0.7	-1.3	0.6	3.1	-0.5	-1.4E+07	2.8	
17	879.4	1433	-0.8	-1.1	0.7	2.9	-0.5	-1.3E+07	2.9	
17	879.1	1432.9	-1.3	-2.2	0.6	3.4	-0.6	-1.2E+07	3.2	
17	878.8	1432.9	-1.6	-2.8	0.6	2.6	-0.7	-1.2E+07	3.4	
17	878.5	1432.9	-1.1	-2	0.5	3.3	-0.8	-1.1E+07	3.5	
17	878.2	1432.6	-0.8	-1.1	0.2	3.2	-0.9	-9970238	3.6	
17	877.9	1432.6	-1	-1.6	0.2	3.4	-0.8	-9305556	3.8	
17	877.6	1432.4	-1.4	-1.9	0.1	3	-0.8	-8723959	3.9	
17	877.3	1432.5	-1.6	-1.9	0.2	2.7	-0.7	-8275692	3.9	
17	877	1432.5	-0.8	-0.6	0	3.5	-0.7	-7930871	3.9	
17	876.7	1432.6	-0.7	-0.8	0.1	3.4	-0.6	-7783457	3.8	
17	876.4	1432.8	-0.7	-0.9	0.1	3.4	-0.4	-7812500	3.8	
17	876.1	1433.2	-0.8	-1.3	0.3	3.1	-0.2	-8052885	3.6	
17	875.8	1433.4	0	0	0.5	3.5	-0.1	-8511179	3.4	
17	875.5	1433.4	0.3	0.6	0.5	3.3	-0.1	-9305556	3.2	
17	875.2	1433.2	0.4	0.5	0.4	3.5	-0.1	-1.1E+07	3.1	
17	874.9	1433.1	0	0.1	0.3	3.2	-0.1	-1.3E+07	3.1	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
17	874.6	1433.3	0	1.1	0.4	3	0	-1.6E+07	3	
17	874.3	1433.3	0.7	2.7	0.4	2.9	0	-1.9E+07	2.8	
17	874	1433.3	0.9	2.3	0.3	3.3	0.1		2.7	
17	873.7	1433.3	0.5	1.9	0.1	3.2	0.1		2.6	
17	873.4	1433.4	0.6	2	0	2.9	0.2		2.5	
17	873.1	1433.4	1.5	3.8	0.3	3	0.2		2.3	
17	872.8	1433.4	1.4	4.7	0.5	3.5	0.2		2.2	
17	872.5	1433.2	1.3	4.1	0.5	3.8	0.2		2.3	
17	872.2	1433.3	0.8	3.7	0.6	2.6	0.1		2.2	
17	871.9	1433.2	1.9	4.8	0.6	3.1	0.1	-1.7E+07	2.2	
17	871.6	1433.1	1.3	4.8	0.7	3.2	0	-1.5E+07	2.3	
17	871.3	1433	0.6	2.3	0.7	3.8	-0.1	-1.3E+07	2.5	
17	871	1432.9	0.3	1.2	0.8	2.7	-0.3	-1.2E+07	2.6	
17	870.7	1432.4	1.3	2.4	0.3	3.3	-0.4	-1.2E+07	2.8	
17	870.4	1432.1	-0.2	0.8	0.1	2.1	-0.5	-1.2E+07	3	
17	870.1	1431.9	-0.5	0.5	0.2	2.3	-0.8	-1.1E+07	2.8	
17	869.8	1431.8	0.7	1.7	0	3.4	-0.9	-1.1E+07	2.7	
17	869.5	1431.6	1.3	1.8	-0.1	3.1	-0.9	-1.1E+07	2.8	
17	869.2	1431.5	0	0.8	-0.3	2.2	-0.9	-1.1E+07	3.1	
17	868.9	1431.4	-1.8	0.5	-0.1	0.9	-1.1	-1.2E+07	3.4	
17	868.6	1431.4	-0.2	0.6	-0.1	3.4	-1.2	-1.2E+07	3.6	
17	868.3	1431.7	0.1	1	0.3	3.2	-1.2	-1.2E+07	3.8	
17	868	1431.7	0	0.9	0.1	4.4	-1.1	-1.3E+07	4.3	
17	867.7	1431.8	-1.2	0.4	0.2	3.6	-1	-1.4E+07	4.8	
17	867.4	1432.1	-0.8	0.6	0.1	4.1	-0.7	-1.4E+07	4.9	
17	867.1	1432.1	0	0.7	0.1	4.2	-0.5	-1.5E+07	4.8	
17	866.8	1432.3	0.5	1.3	0	5.8	-0.1	-1.5E+07	4.5	
17	866.5	1432.2	0.7	2	-0.2	5.8	0.2	-1.6E+07	4.2	
17	866.2	1432.5	-0.2	1.4	0	4	0.5	-1.6E+07	3.8	
17	865.9	1432.8	0.1	1.2	0.1	3.8	0.8	-1.7E+07	3.4	
17	865.6	1433.2	0.1	0.9	0.3	3.2	1	-1.7E+07	2.7	
17	865.3	1433.4	0.4	1.4	0.2	3.5	1.2	-1.7E+07	2.3	
17	865	1433.6	-0.7	0.7	0.2	1.6	1.2	-1.7E+07	1.9	
17	864.7	1433.5	0	1.6	0.2	1.9	1.1	-1.8E+07	1.6	
17	864.4	1433.3	-1.5	-0.7	0.1	-0.1	0.8	-1.8E+07	1.4	
17	864.1	1432.9	0.1	0.8	0	1.4	0.6	-1.7E+07	1.4	
17	863.8	1432.5	-0.6	0.1	-0.3	1.1	0.4	-1.7E+07	1.5	
17	863.5	1432.1	-0.7	0.1	-0.3	1.7	0	-1.7E+07	1.7	
17	863.2	1432.1	-0.8	-0.8	-0.3	2.1	-0.3	-1.7E+07	2.3	
17	862.9	1432.2	-0.4	-0.7	-0.2	2.8	-0.5	-1.7E+07	2.7	
17	862.6	1432.3	-0.1	-0.5	0	3.8	-0.6	-1.6E+07	3.2	
17	862.3	1432.3	-0.6	-0.6	0.2	3.3	-0.7	-1.6E+07	3.6	
17	862	1432.5	-0.5	-0.5	0.4	4.6	-0.7	-1.6E+07	3.8	
17	861.7	1432.4	-0.5	-1.2	0.7	3.9	-0.8	-1.6E+07	3.9	
17	861.4	1432.2	-0.1	-1	0.6	4.8	-0.8	-1.6E+07	4.2	
17	861.1	1432.1	-1.5	-2	0.7	3.8	-0.7	-1.6E+07	4.5	
17	860.8	1432.2	-1.3	-1.9	0.6	4.6	-0.6	-1.6E+07	4.6	
17	860.5	1432.3	-1.3	-2.8	0.6	4.1	-0.6	-1.6E+07	4.5	
17	860.2	1432.3	-0.7	-2.1	0.6	4.2	-0.6	-1.7E+07	4.3	
17	859.9	1432.2	-0.6	-1.9	0.3	4.4	-0.5	-1.8E+07	4.1	
17	859.6	1432.2	-1	-1.8	0.1	3.7	-0.4	-1.9E+07	4	
17	859.3	1432.2	-1	-2.9	0	3.5	-0.4		3.8	
17	859	1432.2	-0.7	-2	0	3	-0.3		3.5	
17	858.7	1432.1	-1	-1.6	-0.2	4	-0.2		3.5	
17	858.4	1432.2	-1.7	-2	-0.4	2.5	-0.1		3.5	
17	858.1	1432.3	-1.3	-2.6	-0.3	3.2	-0.1		3.4	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
17	857.8	1432.4	-1.2	-1	-0.2	2.7	-0.1		3.4	
17	857.5	1432.5	-1.1	-0.6	0	2.8	-0.1		3.4	
17	857.2	1432.6	-0.9	-1.6	0.3	3	-0.1		3.4	
17	856.9	1432.8	-1	-2.3	0.5	2.9	-0.1		3.3	
17	856.6	1432.8	-0.3	-0.3	0.6	3.3	-0.1		3.3	
17	856.3	1433	-1.5	0.3	0.7	1.7	-0.1		3.1	
17	856	1433.1	-0.1	0.1	0.7	3.2	0		2.9	
17	855.7	1433.1	-0.9	-1	0.6	2.5	0.1		2.8	
17	855.4	1433.1	-0.4	-0.4	0.4	2.8	0.1		2.5	
17	855.1	1433	-0.3	0.9	0.2	2.4	0.1		2.3	
17	854.8	1432.7	-0.1	0.7	-0.1	2.6	0		2.2	
17	854.5	1432.6	-0.1	-0.1	-0.2	2.3	0	-2E+07	2.2	
17	854.2	1432.5	0.2	-0.3	-0.1	2.4	-0.1	-1.8E+07	2	
17	853.9	1432.6	0.7	0	-0.1	3.6	0	-1.7E+07	2.1	
17	853.6	1432.6	0.9	1.1	-0.2	3.3	0	-1.6E+07	2.2	
17	853.3	1432.6	0.1	0	-0.1	3.4	0	-1.6E+07	3	
17	853	1432.8	-0.1	-0.2	0	3.1	0.1	-1.6E+07	3.4	
17	852.7	1432.9	0.2	-0.2	0.2	3.8	0	-1.7E+07	3.6	
17	852.4	1432.9	-0.2	0.5	0.5	3.5	0	-1.7E+07	3.8	
17	852.1	1432.8	0.6	0.6	0.5	4.4	0	-1.7E+07	3.8	
17	851.8	1432.6	-0.1	1.4	0.5	3.9	0	-1.8E+07	4.2	
17	851.5	1432.5	-0.2	-0.3	0.5	3.6	0	-1.8E+07	4.3	
17	851.2	1432.4	-0.3	0.3	0.6	3.3	-0.1	-1.9E+07	4.4	
17	850.9	1432.3	0.2	0.9	0.7	3.9	-0.2	-1.9E+07	4.2	
17	850.6	1432.3	0.9	1.7	0.6	4.8	-0.2	-1.9E+07	4.2	
17	850.3	1432.3	0.3	0.7	0.3	4.4	-0.1		4.2	
17	850	1432.1	0.2	0.3	-0.1	4.5	-0.1		4.2	
17	849.7	1432	0	0.6	-0.2	4	-0.1		4.3	
17	849.4	1431.8	0.2	0.7	-0.2	5.2	-0.2		4.4	
17	849.1	1431.5	0.3	0.8	-0.5	5	-0.2		4.4	
17	848.8	1431.2	0.7	0.8	-0.6	5.7	-0.2		4.3	
17	848.5	1431	0.9	2.4	-0.8	5.8	-0.2		4.2	
17	848.2	1431.1	0.7	2	-0.8	5.1	-0.1		4.2	
17	847.9	1431.3	0	1.3	-0.6	4.9	-0.1		4.1	
17	847.6	1431.6	0	0.7	-0.2	4.2	-0.1		3.9	
17	847.3	1431.7	-0.1	0.5	-0.2	3.8	-0.1		3.5	
17	847	1431.8	-1.2	-0.2	0.1	2.6	-0.2		3.5	
17	846.7	1431.8	-0.4	0.6	0.1	3.3	-0.2		3.2	
17	846.4	1431.7	-1.1	-0.4	0	2	-0.1		3.1	
17	846.1	1431.7	-1.6	-0.6	0.1	1.3	-0.1		2.9	
17	845.8	1431.7	-1.3	0.4	0.1	1.5	-0.1		2.8	
17	845.5	1431.7	-1.9	-0.6	-0.1	1.5	-0.1		2.7	
17	845.2	1431.8	-0.9	0.3	0.1	2	-0.2		2.4	
17	844.9	1432	-0.9	0.2	0.1	1.5	-0.1		2.2	
17	844.6	1432	-0.7	0.2	0.1	2.2	-0.1		2.2	
17	844.3	1432.3	-1.3	-0.3	0.6	1.4	-0.1		2.3	
17	844	1432.4	-0.7	-0.4	0.6	2.7	-0.1		2.3	
17	843.7	1432.4	-0.9	0.6	0.6	2.3	-0.1		2.5	
17	843.4	1432.3	-0.6	-0.5	0.6	3	-0.2		2.7	
17	843.1	1432.4	-1.3	-0.4	0.6	2.7	-0.2		3.1	
17	842.8	1432.3	-1	-0.6	0.3	2.9	-0.3		3.3	
17	842.5	1432.2	-0.3	0	0.1	3.7	-0.4		3.4	
17	842.2	1432.2	-0.3	-0.2	0	3.8	-0.4		3.6	
17	841.9	1431.9	-0.3	-0.2	-0.5	4.7	-0.5	-1.9E+07	4	
17	841.6	1432	-1.2	-1.4	-0.4	3.3	-0.5	-1.8E+07	4.3	
17	841.3	1432	0.1	-0.6	-0.4	5.3	-0.5	-1.7E+07	4.3	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
17	841	1432.1	-0.6	-1.5	-0.3	4.2	-0.4	-1.6E+07	4.2	
17	840.7	1432.3	0.1	0	-0.1	5.1	-0.4	-1.6E+07	3.7	
17	840.4	1432.7	-0.2	-0.1	0.3	4.2	-0.2	-1.6E+07	3.5	
17	840.1	1432.9	-0.3	-0.5	0.6	3.8	-0.1	-1.6E+07	3.4	
17	839.8	1433.2	-0.3	-0.1	0.8	3.8	0	-1.6E+07	3.1	
17	839.5	1433.4	-0.7	-1.3	1	2.9	0.1	-1.7E+07	3	
17	839.2	1433.4	0.3	0.4	0.9	4.1	0.2	-1.7E+07	2.5	
17	838.9	1433.4	-0.8	-0.6	0.9	1.9	0.3	-1.8E+07	2.4	
17	838.6	1433.3	-0.6	-0.3	0.6	3.1	0.4	-1.9E+07	2.4	
17	838.3	1433.1	-1.4	-1.6	0.3	1.8	0.4	-1.9E+07	2.7	
17	838	1432.9	-0.8	-1.7	-0.1	2.8	0.3	-2E+07	2.8	
17	837.7	1432.7	-1.2	-1.5	-0.3	2.4	0.2		3.3	
17	837.4	1432.6	-1.8	-2	-0.4	2.2	0		3.5	
17	837.1	1432.6	-0.9	-0.9	-0.4	3.8	-0.2		3.7	
17	836.8	1432.6	-1.4	-1.6	-0.4	3	-0.3		4	
17	836.5	1432.5	-0.7	-1	-0.5	4	-0.3		4.1	
17	836.2	1432.5	-2	-2.7	-0.5	3.2	-0.2		4.3	
17	835.9	1432.5	-1.1	-2	-0.3	4.5	-0.2		4.4	
17	835.6	1432.6	-1.3	-2	0	4.8	-0.2		4.7	
17	835.3	1432.7	-0.4	-0.4	0.2	5.3	-0.1		4.5	
17	835	1432.8	-0.8	-0.8	0.3	5.2	0		4.4	
17	834.7	1433	-1.3	-1.2	0.4	3.9	0.1		4.2	
17	834.4	1433.1	-1.1	0.1	0.7	4.7	0		3.8	
17	834.1	1433.1	-0.4	0	0.7	4.2	-0.1		3.4	
17	833.8	1433.1	-1.1	0	0.8	3.3	-0.1	-2E+07	3.2	
17	833.5	1432.9	-1	0.6	0.9	3.3	-0.3	-1.9E+07	3.1	
17	833.2	1432.7	-1.9	-0.6	0.8	2.9	-0.5	-1.8E+07	3.2	
17	832.9	1432.5	-1.2	0.7	0.7	2.7	-0.7	-1.7E+07	3.2	
17	832.6	1432.5	-1.5	-0.6	0.6	2.7	-0.7	-1.7E+07	3.8	
17	832.3	1432.4	-1	-0.1	0.4	3.9	-0.7	-1.6E+07	4.3	
17	832	1432.3	-2.6	-1.9	0.3	2.9	-0.7	-1.6E+07	5.4	
17	831.7	1432.5	-1.7	-0.4	0.4	3.4	-0.7	-1.6E+07	5.3	
17	831.4	1432.4	-0.4	0.3	0.4	4.9	-0.7	-1.6E+07	5.4	
17	831.1	1432.1	-1.3	-0.4	0.2	4.7	-0.6	-1.6E+07	6.2	
17	830.8	1432.2	-1.8	-1.2	0.1	5.1	-0.4	-1.6E+07	6.3	
17	830.5	1432.3	-1	0.3	0.1	5.1	-0.2	-1.6E+07	5.9	
17	830.2	1432.3	0.1	1.1	-0.1	6.4	-0.1	-1.6E+07	5.6	
17	829.9	1432.5	0	0.3	-0.2	5.4	0.1	-1.6E+07	5.3	
17	829.6	1432.3	0.8	1.1	-0.6	6.7	0.2	-1.5E+07	4.6	
17	829.3	1432.4	0.7	1	-0.8	5.6	0.3	-1.5E+07	4.4	
17	829	1432.3	1.3	2.5	-0.7	5.1	0.2	-1.4E+07	3.1	
17	828.7	1432.2	1.4	1.3	-0.8	5	0.2	-1.4E+07	2.9	
17	828.4	1432.3	0.7	1.3	-0.7	4.2	0.2	-1.3E+07	2.3	
17	828.1	1432.3	0.9	0.8	-0.7	4.4	0.2	-1.3E+07	2.5	
17	827.8	1432.5	0.1	0.3	-0.3	2.8	0.1	-1.3E+07	2.2	
17	827.5	1432.8	0.8	1.1	0	3.4	0.1	-1.3E+07	2	
17	827.2	1433.1	0	0.3	0.6	1.7	0	-1.3E+07	2.1	
17	826.9	1433.2	0.7	1.4	0.7	2.9	0	-1.3E+07	2.1	
17	826.6	1433.2	-1	-1.3	1	1.2	-0.1	-1.2E+07	2.7	
17	826.3	1433.4	-0.2	0.6	1.2	2.1	-0.1	-1.2E+07	2.5	
17	826	1433.4	-0.5	0.1	1.3	3.1	0	-1.2E+07	2.9	
17	825.7	1433.3	-0.9	0.5	1.3	1.8	-0.1	-1.1E+07	2.7	
17	825.4	1433.1	-1.2	-0.4	1.2	2.6	-0.1	-1.1E+07	3.5	
17	825.1	1433	-1.3	-0.1	1	2.4	-0.2	-1E+07	3.1	
17	824.8	1432.7	0	1.8	0.7	3.3	-0.4	-9922986	3.1	
17	824.5	1432.7	-1	-0.1	0.7	2.3	-0.3	-9517046	3.3	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
17	824.2	1432.3	-0.4	1	0.5	4.3	-0.4	-9183114	3.5	
17	823.9	1432.4	-0.9	-0.2	0.5	4.4	-0.4	-8947650	3.7	
17	823.6	1431.9	-2	0	0.2	4.4	-0.7	-8760460	4.8	
17	823.3	1432	-0.9	0.2	0.1	5.1	-0.6	-8651860	4.8	
17	823	1431.6	-0.7	0.6	0	5.3	-0.7	-8651860	4.8	
17	822.7	1431.5	-2	-1.6	-0.1	4.5	-0.7	-8834388	4.8	
17	822.4	1431.7	-0.5	0.3	0.1	4.7	-0.6	-9063853	4.1	
17	822.1	1431.3	-0.6	0.7	-0.2	4.9	-0.7	-9305556	4.2	
17	821.8	1431.2	-1.4	-0.3	-0.2	3.8	-0.6	-9604358	4.5	
17	821.5	1431.1	-2.9	-2.5	-0.5	3.3	-0.5	-9970238	5.2	
17	821.2	1431.4	-2.6	-1.5	-0.1	4.6	-0.4	-1E+07	5	
17	820.9	1431.6	-1.4	-0.4	0	4.3	-0.4	-1.1E+07	4.5	
17	820.6	1431.5	-1.2	0.7	-0.2	3.8	-0.3	-1.2E+07	4.3	
17	820.3	1431.5	-2.2	-1	-0.1	3.8	-0.3	-1.2E+07	4.3	
17	820	1431.6	-2.2	-0.7	0	3.2	-0.4		4	
17	819.7	1431.7	-1.7	-0.7	0.4	3.4	-0.4		3.8	
17	819.4	1431.7	-1.1	1.5	0.4	4.5	-0.4		3.4	
17	819.1	1431.8	-1.1	0.6	0.5	4.4	-0.2		3.2	
17	818.8	1431.9	-2.3	-1.9	0.5	2.9	-0.1		3.1	
17	818.5	1432.1	-1.5	-0.2	0.8	3.1	-0.1		2.8	
17	818.2	1432.4	-0.8	1	1.1	3.3	-0.1		2.6	
17	817.9	1432.3	-1.5	-0.5	0.9	3.5	0		2.8	
17	817.6	1432.3	-2.3	-2.4	0.8	2.6	0		3.1	
17	817.3	1432.1	-2	-2	0.6	3.6	-0.1		3.8	
17	817	1432.1	-3	-3.8	0.5	2.8	-0.2		4.3	
17	816.7	1432	-1.8	-2.5	0.6	4	-0.4		4.4	
17	816.4	1431.6	-1.6	-2.9	0.3	5.3	-0.7		4.5	
17	816.1	1431.3	-2.1	-3.5	-0.1	4.2	-0.8		4.6	
17	815.8	1431.2	-1.7	-2.4	-0.3	4.2	-0.9		4.7	
17	815.5	1431.4	-2.2	-3.1	0	4.5	-1		4.8	
17	815.2	1431.5	-1.4	-1.5	-0.2	4.9	-1		4.8	
17	814.9	1431.6	-1.9	-2.7	0	4.2	-0.9		4.9	
17	814.6	1431.8	-1.8	-1.8	0.2	5.3	-0.8		4.9	
17	814.3	1431.8	-1.8	-2.5	0.3	4.4	-0.8		4.8	
17	814	1432.1	-2.5	-1.5	0.7	3.6	-0.7		4.8	
17	813.7	1432.3	-1.9	-1.7	1	4	-0.6		4.6	
17	813.4	1432.3	-1.7	-1.2	1.1	4.3	-0.6		4.5	
17	813.1	1432.5	-2.3	-1.4	1	3.4	-0.5		4.3	
17	812.8	1433	-0.7	0.5	1	3.9	-0.2		3.5	
17	812.5	1432.9	-0.4	0.9			-0.1		3	
17	812.2	1432.8	-1.5	-1.5			-0.1		2.8	
17	811.9	1432.7	-1	0			0		2.5	
17	811.6	1432.6	-1	-0.6			0.1		2.3	
17	811.3	1432.5	-0.4	0.5			0.2		2.1	
17	811	1432.5	-1.3	0.7			0.4		2.1	
17	810.7	1432.6	-0.5	0.4			0.6		2.1	
17	810.4	1432.9	-0.9	-0.2			0.8		2.2	

Perfil	STE Metro CDMX
Lugar Inicial	18km 793.152m
PK Final	18km 563.952m
Sentido De Avance	Decremento
Referencias Trabajo	VIA 2
ID Ruta/Liena	Atlalilco Culhuacán
ID Vía	Via Principal
Hora Inicial	17:38:39 09-dic.-21
Hora Final	17:43:22 09-dic.-21
Versión Software	TOP01S020r0010(74)
Unid. Desplazamiento	Milímetros
Unidad Longitud	Milímetros
Unidad de ángulo	Grados
ID Perfil	L12
Signo del Peralte	Sentido horario
Intervalo adquisición	300.0mm (300.0mm)
Nivel. I superpuesto 1	12600.0mm
Nivel. I superpuesto 2	19000.0mm
Base Radio Derecho	20.0m (20.1m)
Base Radio Curv.Prom D	20.0m
Base Áng.Curv. Prom. D	20.0m
Áng.Curv.Cuerda Der	20.0m
Nivel. D superpuesto 1	20.0m
Nivel. D superpuesto 2	20.0m
Temp. Sistema Inicial	21.4°C
Temp. Sistema final	21.5°C
Ancho Referencia	1435.0mm
Ancho Refcia. Peralte	1500.0mm
Long. Cuerda Delantera	2500.0mm (2400.0mm)
Long. cuerda trasera	2500.0mm (2400.0mm)
Temperatura Nivelación	21.3°C

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin lz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
18	792.852	1432.6	-1.9				0		-3.4	
18	792.552	1432.9	-1.6				0.2		-3.2	
18	792.252	1433.2	-1.9				0.1		-2.9	
18	791.952	1433.5	-2.2				0		-2.2	
18	791.652	1433.6	-2.8				-0.3		-1.7	
18	791.352	1433.6	-2.8				-0.8		-1.5	
18	791.052	1433.3	-2.8				-1.3		-1.3	
18	790.752	1433.4	-3				-1.5		-1.1	
18	790.452	1433.4	-3.6		2.1	-2.4	-1.7		-0.6	
18	790.152	1433.4	-3.3		2	-2.5	-1.7		-0.2	
18	789.852	1433.1	-3.1		2	-2.5	-1.6		-0.1	
18	789.552	1433.2	-3.5		1.5	-2.6	-1.2		0	
18	789.252	1433.5	-3.6		1.2	-2.4	-0.7		0.1	
18	788.952	1433.6	-3.4		0.7	-2.6	-0.1		0	
18	788.652	1433.4	-2.3		0.1	-1.6	0.6		-0.2	
18	788.352	1433.4	-2.6		-0.7	-2.4	1.3		-0.4	
18	788.052	1433.5	-1.7		-1.1	-1.2	1.9		-0.8	
18	787.752	1433.3	-0.4		-1.7	-1	2.3		-1.5	
18	787.452	1432.3	0.5		-2.5	-0.6	2.3		-2.1	
18	787.152	1432.2	0.4		-2.5	-0.8	2.1		-2.4	
18	786.852	1432.5	0.5		-2.2	-0.6	1.8		-2.4	
18	786.552	1432.4	1.3		-2	0.3	1.5		-2.3	
18	786.252	1432.1	1.1		-1.9	-0.4	1.1		-2.1	
18	785.952	1432.1	1.7		-1.5	0.6	0.6		-2.1	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
18	785.652	1432	0.9		-1.3	0.3	0.2		-1.4	
18	785.352	1432	1.4		-1	0.5	-0.2		-1.2	
18	785.052	1432	1.1		-0.3	0.2	-0.6		-0.8	
18	784.752	1432	1.1		-0.1	0.8	-0.8		-0.2	
18	784.452	1432.2	1		0	1	-0.9		0.4	
18	784.152	1432.3	0.8		0.1	0.9	-1		0.8	
18	783.852	1432.4	1		0.4	1.4	-1		1.1	
18	783.552	1432.7	0.6		0.5	1.1	-0.8		1.5	
18	783.252	1432.8	0.2		0.5	1.6	-0.8		2	
18	782.952	1433.1	-0.1		0.4	1.5	-0.6		2.5	
18	782.652	1433.4	-0.3		0.4	1.4	-0.4		2.9	
18	782.352	1433.6	-0.2		0.3	1.9	-0.2		2.9	
18	782.052	1433.7	0.2		0.1	1.9	-0.1		2.5	
18	781.752	1433.9	0.1		0.2	1.7	0.1		2	
18	781.452	1434	0.3		0.2	0.6	0.2		1.1	
18	781.152	1433.9	0.3		0.1	-0.1	0.3		0.1	
18	780.852	1434.2	0.3		0.3	-1.1	0.6		-1	
18	780.552	1434.6	0.4		0.5	-2.2	0.8		-2.4	
18	780.252	1434.9	1.4	3.3	0.4	-2.6	1.1		-3.9	
18	779.952	1435.1	0.4	2	0.5	-5.1	1.2		-5.2	
18	779.652	1435.3	0.6	2.5	0.7	-6	1.3	19567757	-5.8	
18	779.352	1435	-0.1	2.1	0.6	-7	1.1	17161885	-6.1	
18	779.052	1434.8	0.6	3.4	0.6	-6.6	0.9	16105769	-6.4	
18	778.752	1434.3	0.4	3.2	0.3	-7.3	0.8	15982825	-6.7	
18	778.452	1433.8	0.6	3.4	0	-6.8	0.5	16885081	-7.2	
18	778.152	1433.6	0.4	3.4	-0.1	-7.4	0.3	19034091	-7.2	
18	777.852	1433.4	0.4	4	-0.5	-7.6	0.1		-7	
18	777.552	1433.2	0.8	4.1	-0.8	-6.8	0		-7	
18	777.252	1432.9	1.4	4.5	-1.1	-6.2	-0.1		-6.9	
18	776.952	1432.7	1.6	5.1	-1.2	-5.2	-0.2		-6.4	
18	776.652	1432.5	1.2	4.8	-1.3	-5.2	-0.2		-5.6	
18	776.352	1432.4	1.7	5.1	-1.3	-4.3	-0.1		-5.2	
18	776.052	1432.3	0.2	2.5	-1.1	-4.8	-0.1		-3.9	
18	775.752	1432.3	0.9	3.5	-1.1	-3	-0.1		-2.9	
18	775.452	1432.6	0.7	2.4	-0.8	-2	0		-2.1	
18	775.152	1432.8	0.7	1.1	-0.6	-1.8	0.1		-1.4	
18	774.852	1433	0.8	0.3	-0.3	-1	0.1		-1	
18	774.552	1433.2	0.9	0.5	0.1	-0.7	-0.1		-0.8	
18	774.252	1433.3	1.1	0.6	0.2	-0.3	-0.3		-0.8	
18	773.952	1433.3	1.1	-0.2	0.4	-0.3	-0.5		-0.8	
18	773.652	1433.2	1.5	0.4	0.5	0.5	-0.7		-1.2	
18	773.352	1433.3	1.5	-0.2	0.8	-0.4	-0.8		-1.9	
18	773.052	1433.4	0.7	-0.2	1	-1.6	-1		-2.4	
18	772.752	1433.4	1.3	-0.1	1.3	-1.5	-1.1		-2.8	
18	772.452	1433.5	0.2	-0.9	1.5	-3	-1.1		-3.1	
18	772.152	1433.8	-0.1	-1.2	1.5	-3.6	-0.9		-3.1	
18	771.852	1434.2	0	-1	1.7	-3.8	-0.5		-3	
18	771.552	1434.4	-0.5	-1.3	1.7	-3.9	-0.1		-2.5	
18	771.252	1434.6	-0.6	-1.6	1.9	-3.8	0.2		-2	
18	770.952	1434.3	-0.9	-1.5	1.5	-3.6	0.3		-1.4	
18	770.652	1434.1	-1	-1.2	0.9	-3	0.6		-0.9	
18	770.352	1433.6	-0.8	-0.7	0.1	-2.5	0.6		-0.6	
18	770.052	1433.2	-0.6	-0.3	-0.6	-2.2	0.6		-0.7	
18	769.752	1433.1	-0.2	0	-0.9	-2	0.5		-1.2	
18	769.452	1432.7	0.5	0.3	-1.6	-2.4	0.3		-1.8	
18	769.152	1432.3	0.6	0.5	-2.3	-2.9	0.1		-2.3	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
18	768.852	1431.9	0.9	0.6	-2.9	-3	0		-2.6	
18	768.552	1431.8	1	0.7	-2.8	-3.2	-0.1		-3	
18	768.252	1431.9	1.4	1.1	-2.6	-3.2	-0.1		-3.4	
18	767.952	1432.3	0.9	0.5	-1.8	-4	-0.3		-3.6	
18	767.652	1432.9	1.7	0.3	-1.1	-3.6	-0.4		-3.4	
18	767.352	1433.2	1.3	0.9	-0.6	-3.3	-0.7		-3	
18	767.052	1433.9	2.2	1.6	0.2	-2.2	-0.8		-2.9	
18	766.752	1434.5	2.9	3	0.8	-1.8	-0.8		-2.9	
18	766.452	1434.9	3.1	2.5	1.3	-1.8	-0.8		-3	
18	766.152	1435.1	3.2	2.8	1	-1.6	-0.8		-3.1	
18	765.852	1435.1	3.5	2.9	1.6	-1.3	-0.8		-3.7	
18	765.552	1435.1	3.4	3	2	-1.3	-0.7		-4.1	
18	765.252	1435.6	4.3	3.9	2.3	-1.9	-0.3		-4.8	
18	764.952	1435.9	3.4	2.6	2.4	-2.9	0.1		-5.1	
18	764.652	1436.3	2.5	1.1	2.6	-4.2	0.3		-5.2	
18	764.352	1436.7	2.9	1.3	2.6	-3.8	0.4		-5.2	
18	764.052	1437	2.8	1.6	2.9	-4.2	0.2		-5	
18	763.752	1438.1	2.4	0.7	4	-4.1	-0.1		-4.1	
18	763.452	1436.8	0.8	0.6	2.7	-3.1	-0.3		-0.6	aparato de via
18	763.152	1435.3	0.2	-0.7	1.2	-2.4	-0.7		0.5	
18	762.852	1434.4	1.1	0.4	0	-2.1	-1		0.5	
18	762.552	1433.5	1	0.3	-0.8	-1.6	-1.5	18366228	0.6	
18	762.252	1432.8	0.9	0.1	-1.5	-0.8	-1.7	15982825	0.9	
18	761.952	1432.9	0.2	-0.7	-1.8	-0.6	-1.5	14849291	1.9	
18	761.652	1432.9	0.9	-0.2	-2.3	0.1	-1.1	14641608	2	
18	761.352	1433.3	1.6	0.5	-3	1.2	-0.5	15172102	2.1	
18	761.052	1433.6	3.1	1.6	-2.4	2.7	0.1	16617064	1.6	
18	760.752	1434.5	2.9	1.4	-1.4	2.8	0.8	18862613	1.5	
18	760.452	1435.1	3.1	2.4	-1	2.2	1.6		1.2	
18	760.152	1435.6	2.9	1.6	-0.8	1.8	2.4		0.8	
18	759.852	1435.7	2.7	2.5	-0.7	1.3	2.7		0.7	
18	759.552	1435.7	2.5	2.6	-0.9	2	2.7		0.4	
18	759.252	1435.6	2.8	2.8	-1.2	1.1	2.5		0.1	
18	758.952	1435.4	2.7	3.2	-1.5	0.8	2.2		0	
18	758.652	1435.1	3.1	3.7	-2	0	1.8		-0.4	
18	758.352	1434.9	3	3.9	-2.6	0.3	1.4	17161885	-0.4	
18	758.052	1434.7	3	4	-2.9	0.1	0.9	13865894	-0.6	
18	757.752	1434.6	2.8	3.6	-3	0.4	0.5	11567680	-0.7	
18	757.452	1434.6	3.2	3.8	-2.7	0.4	0.2	9922986	-1.1	
18	757.152	1434.9	1.6	1.8	-2.1	-1	-0.1	8760460	-1.3	
18	756.852	1435.6	2.7	2.2	-1.6	-0.5	-0.1	7900944	-1.8	
18	756.552	1436.2	2.1	1.5	-0.9	-1.8	-0.1	7372359	-2.2	
18	756.252	1436.9	2.3	1.4	0	-1.8	-0.1	6979167	-3	
18	755.952	1437.8	1.7	0.7	1.1	-3	-0.1	6775890	-3.4	
18	755.652	1438.3	1.6	0.2	1.7	-4.2	0.1	6667994	-4.3	
18	755.352	1438.6	0.5	-0.4	2.2	-5.4	0.1	6625791	-4.6	
18	755.052	1438.6	0.7	-1	2.2	-5.8	0.1	6732315	-5	
18	754.752	1438.6	0.1	-1.2	2	-5.2	0.3	7049664	-4.9	
18	754.452	1439	0	-2.2	1.7	-5.4	0.5	7613637	-4.3	
18	754.152	1439	0.7	-2.2	1.1	-3.7	0.6	8442541	-4	
18	753.852	1438.9	-1	-4.1	0.5	-4	0.7	9693287	-2.4	
18	753.552	1438.6	-0.5	-3.7	-0.3	-1.8	0.7	11504121	-1.4	
18	753.252	1438.3	-0.1	-3.6	-1	-1.8	0.8	14340754	-1.1	
18	752.952	1438	-0.2	-3.6	-1.4	-0.4	0.8	19208716	-0.5	
18	752.652	1437.9	-0.2	-4.5	-1.4	-0.4	0.8		-0.2	
18	752.352	1437.7	-0.8	-4.2	-1.3	0.5	0.6		0.4	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
18	752.052	1438	-0.6	-3.1	-0.6	1.2	0.1		0.9	
18	751.752	1438.3	-1.2	-4.1	0.1	0.2	-0.3		1.5	
18	751.452	1438.5	-1	-3.8	0.7	2.2	-0.6		1.9	
18	751.152	1438.6	-1.9	-4.3	1.6	1.3	-1		2	
18	750.852	1438.6	-0.4	-1.2	2.7	2.4	-1.2		1.8	
18	750.552	1438.6	-1.2	-1.4	3.1	1.8	-1.2		1.5	
18	750.252	1438.4	-0.8	-1.9	2.9	1.8	-1		1.1	
18	749.952	1438.1	-2	-3	2.6	0.3	-0.7		0.8	
18	749.652	1438.1	-1.7	-2.6	1.6	-0.1	-0.1		0	
18	749.352	1438	-0.6	-0.8	0.2	0.2	0.5		-1.3	
18	749.052	1437.9	-1.7	-2.6	-0.2	-2	1.4		-2.1	
18	748.752	1437.4	-2	-3.6	-0.7	-0.5	2.1	-1.7E+07	-2.8	
18	748.452	1436	-2	-5.1	-2.4	-2.6	2.7	-1.5E+07	-3.3	
18	748.152	1435.5	-2.7	-5.6	-2.8	-4.2	2.8	-1.3E+07	-3.9	
18	747.852	1435.2	-2.7	-5.8	-2.8	-4.6	2.7	-1.2E+07	-4.4	
18	747.552	1434.7	-2.1	-5	-3.1	-4	2.6	-1.2E+07	-4.9	
18	747.252	1435.2	-2.6	-5.3	-2.2	-4.5	2.1	-1.1E+07	-4.9	
18	746.952	1436.3	-3.1	-5.6	-0.8	-5.8	1.8	-1.1E+07	-5	
18	746.652	1435	-2.5	-5.3	-1.4	-3.8	1.1	-1.1E+07	-4.8	
18	746.352	1433.4	-6.6	-9.3	-2.8	-7.4	0.8	-1.1E+07	-4.7	
18	746.052	1432.8	-4.9	-8	-2.3	-6	0.1	-1.1E+07	-4.7	
18	745.752	1432.4	-3.6	-6.6	-2.2	-4.4	-0.3	-1.2E+07	-4.5	
18	745.452	1432.2	-4.3	-7.3	-2.2	-4.6	-0.5	-1.3E+07	-3.8	
18	745.152	1432.2	-4.1	-6.9	-1.9	-4.6	-0.8	-1.4E+07	-3.5	
18	744.852	1432.5	-4.3	-7.5	-1.7	-4.2	-1.3	-1.5E+07	-3.1	
18	744.552	1432.6	-4.1	-5.7	-1.9	-3.9	-1.9	-1.6E+07	-2.8	
18	744.252	1432.7	-5.3	-8	-1.1	-5.3	-2.3	-1.7E+07	-2.3	
18	743.952	1433.3	-5.9	-8	0.8	-3.7	-3	-1.7E+07	-1.7	
18	743.652	1433.9	-5.3	-7.6	2.2	-3.6	-3.5	-1.6E+07	-1.3	
18	743.352	1434.4	-4.7	-6.4	3.3	-3.4	-3.9	-1.6E+07	-0.8	
18	743.052	1434.7	-4.2	-5.8	4.2	-2.4	-4.4	-1.5E+07	-0.4	
18	742.752	1435.1	-4	-4.5	5.1	-1.8	-4.7	-1.5E+07	0.2	
18	742.452	1435.8	-3.7	-4.4	5.5	-1.2	-4.5	-1.5E+07	0.6	
18	742.152	1436.6	-2.8	-2.9	5.7	-0.4	-3.8	-1.6E+07	0.8	
18	741.852	1437.2	-2.1	-2.1	5.6	0.3	-3	-1.7E+07	0.8	
18	741.552	1437.6	-1.2	-1.9	5	0.9	-2.1		0.7	
18	741.252	1437.6	-1.1	-0.1	4.1	0.5	-1.3		0.7	
18	740.952	1437.7	-0.6	-0.1	3.2	1.3	-0.5		0.7	
18	740.652	1437.6	0	0.1	2.6	0.9	0.2		0.5	
18	740.352	1437.2	0.1	0.3	1.7	0.6	0.7		0.2	
18	740.052	1437.1	0.4	0.6	1.3	0	1.1		-0.1	
18	739.752	1436.8	0.9	1.7	0.8	-0.2	1		-0.6	
18	739.452	1436.5	2.1	2.7	0.5	-0.4	0.8		-1.3	
18	739.152	1436.1	3.1	4.3	0.3	-0.4	0.4		-2.2	
18	738.852	1435.6	3.5	4.5	-0.2	-0.9	0.2		-3.1	aparato de via
18	738.552	1435.5	2.3	4.2	-0.4	-2.2	0.1		-3.3	
18	738.252	1434.9	3.4	3.8	-0.6	-1.6	-0.2	-1.7E+07	-3.5	
18	737.952	1434.4	3.5	4.7	-0.5	-1.5	-0.5	-1.3E+07	-3.9	
18	737.652	1433.7	4.4	5.2	-0.9	-1	-0.7	-1E+07	-4.3	
18	737.352	1433.4	3.8	5.8	-0.9	-2.2	-0.7	-8545919	-4.6	
18	737.052	1433.3	4.5	6.2	-1.1	-2.7	-0.5	-7586051	-5	
18	736.752	1433.2	3.7	4.3	-1	-4.2	-0.3	-6910066	-5.1	
18	736.452	1433.6	3.6	5.3	-0.9	-3.6	0.3	-6502329	-5	
18	736.152	1433.8	2.9	4.9	-1	-3.4	0.8	-6231399	-4.6	
18	735.852	1433.8	2.9	4.9	-1.1	-3.3	1.2	-6104228	-4.1	
18	735.552	1433.5	2.2	4.9	-1.2	-3.3	1.3	-6086483	-3.4	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
18	735.252	1433.4	1.7	4.4	-1	-3.6	1.3	-6122076	-2.9	
18	734.952	1433.2	1.9	4	-1.1	-2.8	1.1	-6212908	-2.7	
18	734.652	1433.2	2.3	4.9	-1.3	-2.8	1.1	-6422546	-2.6	
18	734.352	1433	2.4	5.5	-1.3	-2.2	0.9	-6797890	-2.4	
18	734.052	1432.8	0.8	3.3	-1.4	-3.2	0.7	-7346491	-2	
18	733.752	1432.6	1.1	7.7	-1.3	-2.1	0.4	-8243110	-1.8	
18	733.452	1432.4	0.7	5.6	-1.3	-2	0.2	-9604358	-1.4	
18	733.152	1432.4	0.8	4.4	-1.1	-1.4	0.2	-1.2E+07	-1.3	
18	732.852	1432.6	0.4	4.7	-1.2	-1.2	0.5	-1.6E+07	-1.2	
18	732.552	1433	0.2	4.3	-1	-1.7	0.9		-1.1	
18	732.252	1433.4	0.4	4.7	-0.9	-1.8	1.3		-1.1	
18	731.952	1433.5	0.8	4.9	-0.7	-1.9	1.4		-1.2	
18	731.652	1433.3	0.4	5.7	-0.7	-1.4	1.4		-1.4	
18	731.352	1433.3	-0.2	5.7	-0.5	-2.2	1.3		-1.5	
18	731.052	1433.2	-0.3	5	-0.4	-2.5	1.1		-1.7	
18	730.752	1433.1	-0.4	4.3	-0.4	-2.4	1		-1.8	
18	730.452	1433.3	-0.9	3.3	-0.1	-3.4	0.7		-2.3	
18	730.152	1433	-0.4	3.6	-0.1	-2.8	0.2		-2.8	
18	729.852	1432.8	-0.2	3.5	-0.1	-3.2	-0.3		-3.1	
18	729.552	1432.6	0.5	3.3	0	-3.1	-0.6		-3.3	
18	729.252	1432.4	0.1	2.2	0.3	-3.4	-0.9		-3.6	
18	728.952	1432.5	-0.1	1.1	0.6	-3.4	-1.1		-3.9	
18	728.652	1432.7	0.3	1.4	1	-3.2	-1.2		-4.3	
18	728.352	1432.6	-0.4	0.2	1.1	-4.1	-1.4		-4.4	
18	728.052	1432.8	0	0	1.1	-3.5	-1.4		-4.3	
18	727.752	1432.8	-1.1	-1.2	1.2	-4.3	-1.4		-3.7	
18	727.452	1432.9	-0.6	-1	1.2	-3	-1.2		-3.2	
18	727.152	1432.9	-0.2	-1.1	1.1	-2.3	-1	-2E+07	-2.5	
18	726.852	1432.8	-0.7	-2.8	0.9	-2	-0.9	-1.7E+07	-1.8	
18	726.552	1432.6	-1	-4.1	0.6	-1.5	-0.8	-1.4E+07	-1.1	
18	726.252	1432.7	-1.4	-4.9	0.4	-1	-0.6	-1.1E+07	-0.3	
18	725.952	1432.7	-1	-3.3	0.4	-0.1	-0.6	-9223568	-0.2	
18	725.652	1432.9	-0.7	-4.1	0.4	0	-0.4	-7697610	-0.3	
18	725.352	1433	-0.6	-4.1	0.5	0.5	-0.3	-6584120	-0.6	
18	725.052	1432.9	-1.5	-5.9	0.4	-1	-0.3	-5767907	-0.9	
18	724.752	1433	-1.4	-5.2	0.4	-1.1	-0.2	-5157020	-1.4	
18	724.452	1433.1	-1.1	-5.6	0.4	-1.1	-0.1	-4663141	-1.9	
18	724.152	1433.2	-1.1	-4.8	0.3	-2.1	0	-4264257	-2.7	
18	723.852	1433.2	-1.8	-5.4	0	-2.6	0.1	-3935621	-3	
18	723.552	1433.1	-1.8	-4.7	-0.1	-3	0.1	-3673246	-3.1	
18	723.252	1433	-1.9	-4.8	-0.3	-3.2	0.1	-3443668	-3.2	
18	722.952	1432.8	-2.2	-4.4	-0.5	-3.3	0	-3231096	-2.9	
18	722.652	1432.6	-2.3	-4	-0.4	-2.7	-0.1	-3016931	-2.5	
18	722.352	1432.6	-3.1	-5	-0.3	-3.1	-0.2	-2806636	-2	
18	722.052	1432.9	-3.1	-5.4	0.1	-2.6	-0.4	-2607410	-1.7	
18	721.752	1433.1	-2.4	-4.8	0.4	-1.8	-0.4	-2428945	-1.4	
18	721.452	1433.5	-3	-3.8	0.9	-1.4	-0.4	-2270879	-1.3	
18	721.152	1433.5	-2.8	-3.9	0.9	-1	-0.4	-2136480	-1.1	
18	720.852	1433.5	-3	-3.7	1	-1.1	-0.5	-2022948	-1	
18	720.552	1433.6	-3.1	-3.9	1.3	-1.3	-0.6	-1924403	-1	
18	720.252	1433.4	-2.7	-3.1	1.4	-0.9	-0.7	-1843091	-1.2	
18	719.952	1433.2	-2.7	-2.9	1.2	-0.5	-0.7	-1778888	-1.4	
18	719.652	1433.2	-3.2	-3.6	1	-1.4	-0.6	-1728944	-1.6	
18	719.352	1433	-2.9	-3.7	0.6	-1.5	-0.5	-1685790	-1.8	
18	719.052	1432.8	-4	-4.4	0.4	-2.6	-0.6	-1649922	-1.8	
18	718.752	1432.8	-4	-3.8	0.4	-2.6	-0.8	-1616796	-2	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
18	718.452	1432.9	-3.9	-3.6	0.6	-2.4	-1	-1586175	-2.1	
18	718.152	1433	-3.4	-3	0.7	-2.1	-1.2	-1557851	-2.4	
18	717.852	1432.8	-3.7	-2.8	0.9	-2.9	-1.5	-1529402	-2.3	
18	717.552	1432.7	-4.2	-3.8	1.2	-3.2	-1.8	-1501974	-2.4	
18	717.252	1432.6	-3.8	-3.6	1.5	-2.4	-2.2	-1474473	-2.4	
18	716.952	1432.7	-4.1	-4.6	2.1	-3	-2.6	-1447961	-2.5	
18	716.652	1432.6	-3.3	-3.4	2.5	-1.6	-3	-1423353	-2.5	
18	716.352	1432.9	-4	-3.9	2.9	-2.3	-3.1	-1400503	-2.5	
18	716.052	1433.1	-4.1	-4.4	3	-2.4	-3.2	-1378375	-2.5	
18	715.752	1433.3	-4.2	-3.8	3.2	-2.8	-3.3	-1358697	-2.4	
18	715.452	1433.4	-3.6	-3.6	3.3	-2.2	-3.3	-1338716	-2.5	
18	715.152	1433.4	-4.2	-3.1	3.2	-2.4	-3.2	-1318484	-2.4	
18	714.852	1433.4	-4.4	-3.8	3.2	-2.6	-3.2	-1296441	-2.4	
18	714.552	1433.4	-4.3	-4.1	3	-2.4	-3.2	-1272798	-2.3	
18	714.252	1433.5	-4.4	-3.7	3.1	-2.7	-3.3	-1247766	-2.2	
18	713.952	1433.4	-4.4	-3.4	2.9	-2.1	-3.4	-1221559	-2.2	
18	713.652	1433.7	-4.4	-3	3.1	-2.4	-3.4	-1193701	-2.2	
18	713.352	1433.8	-4.3	-3.3	3.1	-2.2	-3.6	-1165786	-2.1	
18	713.052	1433.9	-4.2	-3.5	3.3	-2.5	-3.8	-1137909	-1.9	
18	712.752	1434.1	-4.2	-3.6	3.8	-2.1	-4.1	-1110744	-1.9	
18	712.452	1434.3	-4.6	-3.1	4.1	-2.1	-4.3	-1084284	-1.8	
18	712.152	1434.6	-4.4	-3	4.4	-2	-4.4	-1059592	-1.7	
18	711.852	1434.7	-4.5	-3.4	4.6	-2.3	-4.5	-1037025	-1.6	
18	711.552	1434.8	-5	-3.9	4.7	-3.2	-4.6	-1014415	-1.6	
18	711.252	1435	-4.3	-2.5	4.8	-2.6	-4.5	-992300	-1.8	
18	710.952	1435.2	-4.1	-2.3	4.9	-3.3	-4.4	-971129	-2	
18	710.652	1435.4	-3.6	-1.7	4.9	-3.3	-4.3	-951274	-2.2	
18	710.352	1435.4	-3.8	-1.6	4.9	-3.8	-4.1	-933461	-2	
18	710.052	1435.6	-4.2	-1.9	4.8	-4	-3.9	-917508	-1.7	
18	709.752	1435.8	-3.9	-0.8	4.5	-4.2	-3.7	-902480	-1.6	
18	709.452	1435.8	-3.2	-0.1	4.4	-3.6	-3.7	-888313	-1.4	
18	709.152	1435.9	-2.3	0.1	4.3	-2.1	-3.6	-875315	-1.2	
18	708.852	1435.8	-2.5	0.5	4.1	-2.6	-3.7	-864117	-1	
18	708.552	1435.7	-1.4	1.4	3.9	-1.2	-3.7	-854594	-0.8	
18	708.252	1435.6	-0.8	2.2	3.8	-0.8	-3.8	-847674	-0.6	
18	707.952	1435.2	0.2	3.3	3.5	0.7	-3.9	-841880	-0.7	
18	707.652	1435.2	0.8	3.5	3.5	1	-3.9	-837837	-1.1	
18	707.352	1435.3	1.9	4.6	3.5	2.6	-3.8	-835497	-1.8	
18	707.052	1435.5	2.4	5.6	3.5	1.3	-3.6	-835163	-2.5	
18	706.752	1435.7	2.1	5	3.4	0	-3.4	-836832	-3.3	
18	706.452	1435.7	2.4	6.4	3.4	0	-3.2	-839853	-3.8	
18	706.152	1435.8	2.1	6.1	3.3	-1.3	-3	-843236	-4.6	
18	705.852	1435.9	2.3	6.2	3.3	-2	-2.8	-846303	-5	
18	705.552	1435.8	1.4	4.8	3.4	-3.5	-2.7	-849393	-5.2	
18	705.252	1435.6	1.5	5.2	3.4	-3.6	-2.7	-851812	-5	
18	704.952	1435.4	-1	3.2	3.5	-5.7	-3	-853201	-4.2	
18	704.652	1435.4	0.3	4.1	3.6	-4.2	-3.2	-853549	-3.5	
18	704.352	1435.4	-0.1	4	3.7	-3.7	-3.4	-852853	-2.7	
18	704.052	1435.3	-0.4	2.9	3.9	-3	-3.6	-851812	-1.9	
18	703.752	1435.3	-1	3	4.2	-3	-3.9	-851120	-1.2	
18	703.452	1435.2	-0.7	3.4	4.2	-1.9	-4.1	-850428	-0.6	
18	703.152	1435	-0.8	3.4	4.3	-1.3	-4.3	-850774	0.1	
18	702.852	1434.7	-0.7	2.9	4.3	-0.6	-4.5	-852159	0.5	
18	702.552	1434.5	-0.9	3.3	4.4	1	-4.7	-855641	0.7	
18	702.252	1434.5	-0.4	4	4.2	1.4	-4.7	-860919	0.7	
18	701.952	1434.5	-0.2	4.1	4.1	1.1	-4.7	-866979	0.5	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
18	701.652	1434.3	-0.9	3.5	4	0.6	-4.9	-874219	0.4	
18	701.352	1434.2	-0.6	3.8	3.8	0.6	-5	-881952	0.2	
18	701.052	1434.2	-1.2	3.2	3.7	0.1	-5	-889445	-0.1	
18	700.752	1434.2	-0.2	4.1	3.6	0.2	-5	-897451	-0.8	
18	700.452	1434.2	-0.8	3.4	3.5	-0.6	-4.8	-905995	-1.2	
18	700.152	1434.2	-1.5	2.7	3.4	-1.3	-4.6	-914702	-1.4	
18	699.852	1434.5	-2.6	2	3.6	-3.6	-4.5	-923579	-1.9	
18	699.552	1434.8	-1.5	2.9	3.6	-2.9	-4.3	-932214	-2.3	
18	699.252	1435.2	-1.8	2.7	3.8	-3.8	-4	-942283	-3	
18	698.952	1435.5	-1	4	4	-3.4	-3.7	-954309	-3.8	
18	698.652	1435.8	-2.1	2.2	4.1	-5.4	-3.5	-969330	-4.5	
18	698.352	1436.2	-1.6	2.5	4.2	-5.5	-3	-986689	-5	
18	698.052	1436.3	-2.1	1.5	4.2	-6.6	-2.9	-1005645	-5.1	
18	697.752	1436.4	-2.3	1.5	4.2	-6.4	-2.7	-1026350	-5.2	
18	697.452	1436.3	-1.4	2.8	3.8	-4.8	-2.5	-1048974	-5.2	
18	697.152	1436.4	-1.6	2.3	3.8	-5.6	-2.3	-1073169	-5.1	
18	696.852	1436.4	-1.1	2.1	3.6	-4.9	-2.1	-1097930	-5	
18	696.552	1436.2	-2.2	0.1	3.4	-5.4	-2.1	-1122656	-4.1	
18	696.252	1436.1	-1.3	1.2	3.3	-3.9	-2.1	-1146633	-3.5	
18	695.952	1435.9	-2	-0.6	3.2	-4	-2.3	-1169041	-3	
18	695.652	1435.8	-0.3	0.5	3.1	-1.5	-2.4	-1189632	-2.7	
18	695.352	1435.6	-0.7	-0.9	3.1	-2	-2.6	-1209562	-2.5	
18	695.052	1435.4	-0.9	-1.7	3.1	-1.9	-2.8	-1228728	-2.1	
18	694.752	1435.1	-0.8	-2.7	2.9	-1.7	-3.1	-1248510	-1.7	
18	694.452	1434.6	-0.7	-3.1	2.9	-1	-3.4	-1266638	-1.3	
18	694.152	1434.3	-0.7	-2.8	2.8	0	-3.6	-1283723	-1	
18	693.852	1434	0.3	-2.1	2.6	0.9	-3.6	-1299660	-0.7	
18	693.552	1433.8	-0.4	-2.5	2.5	0.6	-3.6	-1317654	-0.3	
18	693.252	1433.9	-0.9	-3.2	2.5	-0.4	-3.5	-1337861	-0.2	
18	692.952	1433.9	-0.1	-1.5	2.5	0.5	-3.4	-1361347	-0.3	
18	692.652	1434	-0.8	-2.3	2.4	-0.4	-3.1	-1388430	-0.4	
18	692.352	1434.1	-0.1	0.9	2.4	0.4	-2.8	-1421420	-0.6	
18	692.052	1433.9	-0.9	-1.2	2.3	-0.2	-2.7	-1461097	-0.6	
18	691.752	1434	-1.3	-1.2	2.3	-0.8	-2.5	-1511734	-0.8	
18	691.452	1433.9	-1.4	-1	2.3	-1.5	-2.5	-1575434	-1.1	
18	691.152	1433.8	-0.6	0.4	2	-0.5	-2.5	-1651223	-1.4	
18	690.852	1433.9	-1.1	-0.4	1.8	-0.6	-2.3	-1737553	-1.4	
18	690.552	1433.9	-1.1	-0.3	1.7	-1	-2.1	-1833407	-1.7	
18	690.252	1433.9	-0.6	0.1	1.4	-0.5	-1.9	-1935075	-2	
18	689.952	1434	-1.3	-0.4	1.3	-1.6	-1.7	-2042684	-2.2	
18	689.652	1434	-1.8	-1.4	1.2	-1.9	-1.6	-2154065	-2.2	
18	689.352	1434.1	-2	-1.8	1.1	-1.9	-1.3	-2265964	-2.4	
18	689.052	1434.3	-2.3	-1.4	0.8	-2	-0.8	-2373867	-2.5	
18	688.752	1434.7	-2.6	-2	0.9	-2.5	-0.3	-2474882	-2.7	
18	688.452	1434.8	-2.8	-1.6	0.7	-2.8	0.1	-2578510	-2.9	
18	688.152	1434.7	-3.4	-3.2	0.7	-3.3	0.2	-2674011	-2.8	
18	687.852	1434.7	-3.5	-2.7	0.8	-3.5	0.3	-2784243	-2.8	
18	687.552	1434.7	-3.7	-2.2	0.7	-3.6	0.5	-2912031	-2.9	
18	687.252	1434.9	-3.4	-0.8	0.8	-3	0.7	-3056570	-3	
18	686.952	1434.7	-3.7	-2.2	0.6	-3.4	0.8	-3221154	-3.1	
18	686.652	1434.6	-4.3	-2.5	0.7	-4.2	0.8	-3404472	-3	
18	686.352	1434.4	-5	-4	0.5	-4.6	0.7	-3609914	-2.9	
18	686.052	1434.1	-4.8	-2.7	0.5	-4.6	0.5	-3834707	-2.7	
18	685.752	1433.6	-4.7	-3.1	0.3	-3.9	0.3	-4081384	-2.1	
18	685.452	1433.3	-5	-2.9	0.2	-3.9	0.2	-4343880	-1.6	
18	685.152	1433	-4.8	-2.5	0.2	-3.2	0	-4611784	-1.1	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
18	684.852	1432.7	-4.9	-3.5	0.1	-3	-0.3	-4903396	-0.7	
18	684.552	1432.4	-4.7	-3.1	0.5	-2.9	-0.8	-5234375	-0.4	
18	684.252	1432	-3.8	-2.7	0.4	-1.1	-1.2	-5598262	0.3	
18	683.952	1431.7	-4	-1.8	0.5	-0.5	-1.6	-6016523	0.7	
18	683.652	1431.5	-3	-1.7	0.5	0.7	-1.7	-6502329	0.7	
18	683.352	1431.3	-2.3	-0.3	0.6	0.8	-1.7	-7073480	0.2	
18	683.052	1431.1	-2	-1.7	0.7	0.5	-1.6	-7754630	-0.5	
18	682.752	1430.8	-1.7	-1	0.5	0.2	-1.5	-8545919	-1	
18	682.452	1430.8	-1.8	-0.9	0.3	-0.2	-1.2	-9347098	-1.7	
18	682.152	1430.8	-0.8	0	0	-0.1	-0.7	-1E+07	-2.4	
18	681.852	1431	-0.6	0.1	-0.6	-0.8	0.1	-1.1E+07	-2.9	
18	681.552	1431.2	-0.7	0	-1.1	-1.3	0.7	-1.2E+07	-3.2	
18	681.252	1431.2	-1.1	-1.4	-1.5	-2.3	1.1	-1.3E+07	-3.4	
18	680.952	1431.1	-1.2	-0.8	-1.9	-2.8	1.3	-1.5E+07	-3.4	
18	680.652	1430.8	-1	-0.1	-2.4	-3	1.3	-1.7E+07	-3.5	
18	680.352	1430.6	-1.1	-1	-2.5	-2.7	1.2		-3.2	
18	680.052	1430.7	-1.8	-1	-2.5	-3	1.1		-3	
18	679.752	1430.7	-1.5	-1.4	-2.3	-2.8	0.8		-2.8	
18	679.452	1431.1	-1.7	-0.8	-1.6	-3.1	0.5		-2.6	
18	679.152	1431.5	-1.1	0.2	-1.1	-2.4	0.2		-2.5	
18	678.852	1431.8	-1.5	-0.1	-0.4	-2.2	-0.1		-2.3	
18	678.552	1432.2	-1.3	-0.7	0.1	-1.6	-0.1		-2.2	
18	678.252	1432.6	-1.1	0	0.8	-1.2	-0.1		-2.1	
18	677.952	1433.1	-1.5	-0.4	1.1	-1.9	0.2		-2	
18	677.652	1433.5	-1.7	-1.1	1.1	-1.4	0.6		-1.8	
18	677.352	1433.6	-2.1	-0.8	0.9	-1.6	0.9		-1.7	
18	677.052	1433.5	-1.8	0	0.2	-1.1	1.2		-1.7	
18	676.752	1433.5	-1.8	0.2	-0.2	-1.4	1.4		-1.7	
18	676.452	1433.3	-2.1	0.2	-0.6	-1.7	1.4		-1.7	
18	676.152	1433.2	-2.7	-0.1	-0.6	-1.7	1.3		-1.6	
18	675.852	1433.1	-3.1	-0.3	-0.5	-2.3	1		-1.5	
18	675.552	1432.9	-2.1	1.3	-0.5	-1.2	0.7		-1.7	
18	675.252	1432.9	-2.4	1.1	0	-1.6	0.2		-1.9	
18	674.952	1433	-2.9	0.8	0.5	-2	-0.1		-1.8	
18	674.652	1433.1	-3.1	0.3	1	-1.9	-0.4		-1.7	
18	674.352	1433.1	-3.1	0.6	1.4	-1.9	-0.8		-1.7	
18	674.052	1433.1	-2.7	1.6	1.7	-1.7	-1		-1.8	
18	673.752	1432.9	-3.8	1.2	1.4	-2.6	-1	12612952	-1.7	
18	673.452	1432.6	-3.5	1.3	1	-1.8	-1	9024785	-1.5	
18	673.152	1432.3	-3.7	1	0.4	-2.4	-0.9	7073480	-1.3	
18	672.852	1431.9	-3.6	1.4	0	-2	-0.9	5848464	-1.2	
18	672.552	1431.6	-3.3	1.5	-0.4	-1.9	-1	5045181	-1.2	
18	672.252	1431.5	-4	0.9	-0.7	-2	-1	4493026	-1	
18	671.952	1431.5	-4	0.7	-1	-1.9	-1	4113458	-0.9	
18	671.652	1431.6	-3.6	0.2	-0.9	-1.7	-1	3870148	-0.9	
18	671.352	1431.9	-3.2	0.8	-0.7	-0.9	-0.9	3705753	-0.9	
18	671.052	1432.2	-3.3	-0.3	-0.4	-1.1	-0.7	3591338	-0.8	
18	670.752	1432.6	-3.1	-0.8	0.1	-0.9	-0.4	3507119	-0.8	
18	670.452	1432.7	-3.3	-1.3	0.6	-1.4	-0.3	3426760	-1	
18	670.152	1433	-2.3	-0.6	1.2	-0.6	-0.1	3333997	-1.3	
18	669.852	1433.3	-3	-1.2	1.6	-1.4	0.1	3236090	-1.5	
18	669.552	1433.8	-2.8	-2	1.9	-1.3	0.5	3120343	-1.7	
18	669.252	1434	-3	-2.4	1.9	-2.1	0.7	2995351	-1.8	
18	668.952	1434.2	-2.7	-2	1.8	-2.5	0.8	2868151	-2.2	
18	668.652	1434	-2.6	-1.5	1.5	-3.2	0.7	2740511	-2.7	
18	668.352	1433.5	-2.2	-1	0.9	-3.2	0.3	2623747	-3.1	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
18	668.052	1432.8	-2.2	-1.2	0.3	-3.2	0.1	2516527	-3.3	
18	667.752	1432.1	-2.7	-1.6	-0.2	-3.8	-0.2	2431766	-3.4	
18	667.452	1431.6	-2.3	-0.5	-0.9	-3.3	-0.5	2373867	-3.5	
18	667.152	1431.2	-2.5	-1	-1.4	-3.2	-0.9	2336775	-3.5	
18	666.852	1431.1	-1.8	-0.1	-1.5	-2.3	-1.1	2316096	-3.5	
18	666.552	1431.3	-1.5	-0.4	-1.4	-2.1	-1.1	2305893	-3.5	
18	666.252	1431.4	-0.8	0.7	-1.5	-0.8	-0.7	2293265	-3.2	
18	665.952	1431.9	-1.1	0.2	-1.6	-1.2	0.1	2270879	-2.9	
18	665.652	1432	-1.3	-0.2	-1.8	-1.2	0.8	2229766	-2.7	
18	665.352	1432.1	-2.3	-0.8	-2.2	-1.5	1.4	2171941	-2.5	
18	665.052	1432.8	-2	-0.3	-2.4	-1.4	2.4	2100051	-2.8	
18	664.752	1433.1	-2.9	-0.8	-3.1	-2.3	3.3	2020995	-2.9	
18	664.452	1433.5	-3	-1.2	-3.8	-2.9	4.2	1936865	-3	
18	664.152	1433.3	-3.1	-1.3	-4.8	-3.6	4.7	1849603	-2.9	
18	663.852	1433.3	-3.8	-1.7	-5.2	-4.6	5	1765389	-2.8	
18	663.552	1433.2	-3.5	-0.8	-5.6	-4.3	4.9	1691237	-2.9	
18	663.252	1433.2	-3.3	-0.2	-5.4	-4.1	4.7	1626846	-2.8	
18	662.952	1433.7	-3.9	-1.8	-4.8	-4	4.6	1573066	-2.6	
18	662.652	1434	-4.5	-2.1	-4.3	-4.4	4.2	1524946	-2.1	
18	662.352	1434.6	-4.5	-1.6	-3.4	-3.5	3.9	1479683	-1.9	
18	662.052	1435.1	-4.4	-1.3	-2.8	-3.2	3.6	1438016	-1.6	
18	661.752	1435.4	-3.3	-0.2	-2.1	-2	3.3	1399567	-1.5	
18	661.452	1435.7	-3.1	-0.4	-1.6	-1.8	3.1	1364008	-1.2	
18	661.152	1435.9	-3.1	0.7	-1	-1.9	2.9	1331056	-1	
18	660.852	1435.7	-2.7	0.8	-1	-1	2.7	1300467	-0.9	
18	660.552	1435.7	-2.7	1	-1.2	-1.1	2.7	1272798	-0.8	
18	660.252	1435.5	-2.4	1.2	-1.6	-0.5	2.9	1245540	-0.6	
18	659.952	1435.2	-2.8	0.5	-2	-1	3	1218715	-0.4	
18	659.652	1435.1	-2.6	1.4	-2.3	-0.5	3.2	1192342	-0.4	
18	659.352	1435.1	-2.4	1.6	-2.3	-1.1	3.3	1167086	-0.6	
18	659.052	1435.1	-1.2	2.4	-2.4	-0.3	3.3	1141632	-0.8	
18	658.752	1434.8	-1	2.2	-2.9	-0.4	3.3	1115478	-1	
18	658.452	1434.8	-1.8	1.5	-2.9	-1.1	3.3	1088795	-1.2	
18	658.152	1434.6	-0.9	2.2	-3.2	-0.7	3.3	1060128	-1.6	
18	657.852	1434.4	-0.5	2.8	-3.4	-0.9	3.1	1030898	-2.1	
18	657.552	1433.8	0	2.3	-3.6	-0.6	2.7	1003236	-2.5	
18	657.252	1433.3	-0.6	2.4	-3.8	-1	2.3	977020	-2.9	
18	656.952	1432.9	-0.5	2.3	-4	-1.1	2	951706	-3.2	
18	656.652	1432.7	-0.3	2.7	-4.1	-1.8	1.8	928082	-3.5	
18	656.352	1432.8	-0.1	2.6	-4.1	-1.8	1.9	906387	-3.7	
18	656.052	1433	-1.1	1.5	-4.1	-2.3	2.2	887936	-3.7	
18	655.752	1433.4	-0.8	1.4	-4	-2.3	2.7	873489	-3.7	
18	655.452	1433.9	-1.1	1.1	-3.9	-2.9	3.2	862337	-3.7	
18	655.152	1434.2	-1.1	1.6	-3.6	-3.2	3.5	853549	-3.5	
18	654.852	1434.5	-2.4	-0.1	-3.3	-3.7	3.8	848017	-2.9	
18	654.552	1434.8	-2.8	-0.3	-3.2	-3.6	4.1	845620	-2.5	
18	654.252	1435	-2.7	-0.9	-3.2	-3.3	4.3	846646	-2.1	
18	653.952	1435.2	-3	-1.5	-3.1	-3.7	4.4	850083	-1.7	
18	653.652	1435	-3.2	-2.4	-3.2	-3.1	4.2	855641	-1.3	
18	653.352	1434.8	-3.6	-2.5	-3.3	-3.2	3.9	861627	-0.9	
18	653.052	1434.8	-3.3	-2	-3	-2.8	3.5	867698	-0.7	
18	652.752	1434.8	-2.8	-0.5	-3	-2	3.3	874950	-0.5	
18	652.452	1434.7	-2.5	-0.5	-3.2	-0.8	3.2	881581	-0.4	
18	652.152	1434.9	-2.9	0	-3.1	-1.2	3.1	887184	-0.3	
18	651.852	1435.1	-2.8	0.2	-2.9	-1.5	3	890959	-0.4	
18	651.552	1435.1	-2	1.1	-2.9	-0.8	2.9	892478	-0.7	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
18	651.252	1435	-1.8	2	-2.9	-0.6	2.9	892098	-1	
18	650.952	1434.9	-1.9	1.6	-3	-0.8	3	889823	-1.4	
18	650.652	1434.7	-1.4	1.9	-3.1	-1.2	3.1	885308	-2.2	
18	650.352	1434.8	-1.5	2.4	-3	-1.8	3.3	880469	-2.8	
18	650.052	1434.9	-1.7	2.8	-2.9	-2.6	3.6	876048	-3.1	
18	649.752	1434.9	-1.3	3.2	-3.1	-2.6	3.9	872398	-3.3	
18	649.452	1435.1	-0.8	3.6	-3.2	-1.9	4.3	870222	-3.3	
18	649.152	1435	-0.8	2.5	-3.5	-2.3	4.7	869499	-3.2	
18	648.852	1434.9	-1.1	2	-3.7	-1.8	5.1	870222	-2.7	
18	648.552	1435	-1.3	1.8	-3.7	-1.6	5.3	872398	-2.2	
18	648.252	1434.6	-1.6	1.1	-4.3	-1.7	5.5	876048	-1.3	
18	647.952	1434.3	-2.2	0.5	-5	-1	5.7	880839	-0.3	
18	647.652	1433.8	-1.9	0.5	-5.4	-0.7	5.4	886058	0	
18	647.352	1433.4	-1.2	1.6	-5.8	0.5	5.1	890580	0	
18	647.052	1433	-1.7	0.9	-6.4	-0.8	4.8	894003	0	
18	646.752	1432.4	-1.4	1	-6.8	-1.2	4.5	896299	-0.2	
18	646.452	1432	-2.2	-1	-7	-1.6	4.3	898221	-0.3	
18	646.152	1431.8	-2	-1	-7	-1.2	4.1	900539	-0.4	
18	645.852	1432.1	-0.9	0.9	-6.4	-1.2	4	904429	-1.3	
18	645.552	1432.4	-1.4	-0.5	-5.8	-1.8	3.9	911120	-1.8	
18	645.252	1432.6	-0.7	-0.2	-5.2	-1.3	3.9	920736	-2	
18	644.952	1433.3	-2.1	-2.1	-4.4	-3.5	4	933461	-1.9	
18	644.652	1434.1	-1.1	-0.5	-3.3	-2.4	4	949548	-2.2	
18	644.352	1434.5	-0.1	0.4	-2.7	-2.2	3.9	970229	-2.4	
18	644.052	1434.4	-0.7	-0.4	-2.3	-2	3.7	995130	-2.1	
18	643.752	1434.4	-1.1	-1	-1.9	-2.9	3.4	1024842	-2	
18	643.452	1434.4	-0.4	0.7	-1.9	-1.9	3.2	1057451	-1.9	
18	643.152	1434.3	-0.6	0.2	-2.2	-2.6	3	1091633	-1.7	
18	642.852	1434.1	-0.9	0.2	-2	-3.2	2.6	1125673	-1.6	
18	642.552	1433.9	0.2	1.3	-2.5	-1.1	2.4	1159331	-1.4	
18	642.252	1433.9	-0.1	2.3	-2.9	-2	2.4	1193701	-1.2	
18	641.952	1434.1	0.8	3.6	-3.1	-1.2	2.6	1226568	-1.2	
18	641.652	1434.1	0.7	3.4	-3.4	-1.4	2.9	1256000	-1.4	
18	641.352	1433.9	1.6	4.6	-3.9	-0.4	3.2	1280582	-1.5	
18	641.052	1434.2	0.1	3.3	-4	-2.2	3.5	1299660	-1.4	
18	640.752	1434.5	2.1	5.7	-4	-0.5	3.9	1315171	-1.8	
18	640.452	1434.4	2.2	5.5	-4.1	-0.6	4	1327680	-2.2	
18	640.152	1434.7	1.9	4.7	-3.9	-1.4	4.1	1337006	-2.6	
18	639.852	1434.7	2.5	5	-3.7	-1.7	4	1342149	-3.1	
18	639.552	1434.7	1.6	4.5	-3.6	-2.9	3.8	1345599	-3.3	
18	639.252	1434.8	2.1	4.9	-3.4	-2.8	3.5	1350808	-3.6	
18	638.952	1434.8	2	4	-2.8	-3.4	3.1	1360462	-3.7	
18	638.652	1434.9	2.2	4	-2.4	-2.7	2.7	1376563	-3.9	
18	638.352	1435	2.2	4.1	-2.1	-3.4	2.3	1397698	-4	
18	638.052	1435	2.2	3.6	-1.7	-3.7	2	1427234	-3.9	
18	637.752	1435	1.2	2.7	-1.4	-4.3	1.7	1466213	-3.7	
18	637.452	1434.9	2.3	4	-1.1	-3.3	1.5	1515016	-3.5	
18	637.152	1435	1.6	2.9	-0.6	-3.2	1.4	1576620	-3.1	
18	636.852	1435.2	1.8	2.6	-0.2	-3	1.4	1648623	-3	
18	636.552	1435.1	1.9	2.7	0.2	-2.4	1.3	1728944	-2.8	
18	636.252	1435.1	1.8	2.9	0.5	-2.1	1.3	1819071	-2.6	
18	635.952	1435.1	1.2	2.5	1	-3.1	1.2	1919112	-2.4	
18	635.652	1434.9	1.7	3.3	1.3	-2.2	1	2030796	-2.4	
18	635.352	1434.7	1.7	3.9	1.3	-1.2	0.8	2151851	-2.4	
18	635.052	1434.3	1.7	3.6	1.1	-1.9	0.4	2275816	-2.4	
18	634.752	1433.8	1.9	3.1	0.7	-1.3	0	2403847	-2.3	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
18	634.452	1433.2	1.5	3.2	0.3	-2.2	-0.6	2534807	-2.2	
18	634.152	1432.4	1.1	2.5	-0.4	-1.9	-1.1	2674011	-1.8	
18	633.852	1431.6	0.5	2.7	-0.9	-2.4	-1.7	2821766	-1.7	
18	633.552	1430.9	1.5	3.5	-1.4	-0.9	-2.1	2986805	-1.6	
18	633.252	1430.3	0.7	1.6	-1.9	-1.4	-2.3	3162765	-1.1	
18	632.952	1430.3	-0.2	1.2	-1.9	-1.6	-2.3	3360755	-0.8	
18	632.652	1430.7	0.1	0.8	-1.7	-1.2	-2.1	3572953	-0.6	
18	632.352	1431.3	0.1	2.2	-1.3	-1.5	-2	3820712	-0.5	
18	632.052	1431.9	1.2	2.3	-1.1	0.1	-1.6	4105393	-0.3	
18	631.752	1432.7	0.6	0.7	-0.8	0.2	-1	4417194	-0.3	
18	631.452	1433.3	0.6	1.3	-0.8	0.3	-0.3	4747733	-0.3	
18	631.152	1433.8	0.3	1.4	-1.2	-1	0.5	5119193	-0.5	
18	630.852	1434.1	0.2	0.6	-0.3	-0.6	1.1	5568484	-0.6	
18	630.552	1434.3	-0.4	0.2	-0.2	-0.6	1.6	6158088	-0.8	
18	630.252	1434.8	-0.3	0.6	-0.3	-1	2.2	6797890	-1	
18	629.952	1435.5	0.3	0.1	-0.5	-0.9	3	7531475	-1.7	
18	629.652	1436	0.1	0.2	-0.9	-1.8	3.5	8275692	-2.1	
18	629.352	1436.6	-0.8	-1.6	-1	-3.9	3.7	9389014	-2.2	
18	629.052	1437.1	-0.6	-1.3	-0.7	-4	3.6	11136968	-2.3	
18	628.752	1438	0.1	-1.5	0.3	-4.1	3.3	13684641	-2.6	
18	628.452	1436.3	-0.4	-0.5	-1.1	-4.8	3	17594538	-2.7	aparato de via
18	628.152	1435.4	-1	-3.1	-1.7	-4.7	2.4		-2.5	
18	627.852	1435.1	-0.7	-2.9	-1.8	-4.5	1.8		-2.5	
18	627.552	1434.8	-1.1	-3	-1.8	-5.2	0.8		-2.5	
18	627.252	1434.9	-1.5	-4	-1	-5.4	-0.3		-2.5	
18	626.952	1435.1	1.2	-0.4	-0.6	-2	-1		-2.5	
18	626.652	1435.1	1.7	-0.4	-0.4	-1.6	-1.4		-2.4	
18	626.352	1434.9	2.9	0.9	-0.8	-0.8	-1.7		-2.3	
18	626.052	1434.7	3.1	0.9	0.2	0.3	-1.9		-1.9	
18	625.752	1435.1	2.8	0.6	1.2	1	-2		-1.6	
18	625.452	1435.5	2.9	0.7	1.5	1.1	-1.9		-1.4	
18	625.152	1436	2.8	1.6	1.5	1.5	-1.4		-1.2	
18	624.852	1436.5	2.6	0.3	1.5	2.1	-0.9		-1	
18	624.552	1436.8	2.3	0.7	1.3	0.5	-0.5		-0.9	
18	624.252	1436.7	2.4	0.6	1.1	0.9	-0.4		-0.8	
18	623.952	1436.7	2.6	0.7	1	1.2	-0.4		-0.8	
18	623.652	1436.4	2.2	0.4	1.1	0.7	-0.7		-0.8	
18	623.352	1436.4	1.5	0.3	1.1	0.7	-0.7		-0.8	
18	623.052	1436.7	1.5	-0.2	1.6	0	-0.9		-0.9	
18	622.752	1436.9	1.2	-0.5	1.8	0.4	-1.1	18862613	-0.9	
18	622.452	1436.8	0.6	-1.1	1.6	-0.8	-1.4	16486221	-1	
18	622.152	1436.9	0.6	-1.3	1.4	-1.1	-1.4	14849291	-1.3	
18	621.852	1437	-0.4	-1.9	1.5	-2.8	-1	14146960	-1.6	
18	621.552	1437.3	-1.6	-2.7	1.6	-3.8	-0.4	14340754	-1.9	
18	621.252	1437.3	-1.7	-2.2	1.5	-4.6	0	15395221	-2.4	
18	620.952	1437	-2.8	-4.3	1.1	-5.7	0.2	17161885	-2.8	
18	620.652	1436.6	-1.8	-2.5	0.4	-6	0.3	19752359	-4	
18	620.352	1436.4	-2.9	-2.7	-0.5	-7	0.8		-4.3	
18	620.052	1436.6	-1.9	-2	-0.7	-6.5	1.1		-4.6	
18	619.752	1436.9	-1.6	-1.7	-1	-6.6	1.5		-5	
18	619.452	1436.4	-0.8	-2	-1	-5.4	0.8		-5.1	
18	619.152	1435.5	-2	-2.6	-1.3	-5.7	0		-4.2	
18	618.852	1435.1	-1.1	-1.7	-1.4	-3.5	-0.4		-3.5	
18	618.552	1434.9	-1.3	-1.6	-1.2	-2.7	-0.7		-3	
18	618.252	1435.1	-1.1	-1.3	-0.9	-2.2	-0.6		-2.4	
18	617.952	1435.3	-1.5	-1.1	-1	-1.2	-0.4		-1.5	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
18	617.652	1435.6	-0.7	-0.4	-0.9	-1.2	-0.3		-1.2	
18	617.352	1435.9	-0.6	-0.9	-0.7	-0.7	-0.3		-0.8	
18	617.052	1436.3	-0.5	-0.6	-0.4	-0.2	0		-0.4	
18	616.752	1436.3	0.6	1.4	-0.2	1.3	0.5		-0.3	
18	616.452	1436.5	-0.6	0	-0.1	0.1	0.9		-0.1	
18	616.152	1436.6	-0.4	-0.5	0.1	0.6	1.1		0	
18	615.852	1436.7	-0.8	-0.4	0.3	0.2	1.1		0.1	
18	615.552	1437	-0.7	0.3	0.9	0.5	1.1		0.1	
18	615.252	1437.1	0.6	1.3	1.2	1.6	0.9		0	
18	614.952	1437	0.2	1.3	0.9	0.9	0.8		0	
18	614.652	1436.9	-0.6	0.9	0.7	0	0.7		-0.1	
18	614.352	1436.5	-0.1	-1.3	-6.1	-1.4	0.3	19208716	-0.6	
18	614.052	1436.3	-0.5	-2.2	-1.9	-2.3	0.2	18366228	-0.8	
18	613.752	1436	-0.7	-3.6	0.4	-1.2	0.1	18049569	-1	
18	613.452	1435.5	-0.7	-3.8	0.1	-1.5	-0.1	17594538	-1.4	
18	613.152	1434.7	-0.8	-3.6	-1.1	-2.9	-0.2	17594538	-1.9	
18	612.852	1434.4	-1.2	-4.1	-1.5	-4.2	-0.4	17594538	-2.3	
18	612.552	1434.6	-0.7	-3.5	-1.3	-4.6	-0.5	17594538	-3.1	
18	612.252	1434.8	-1	-3.6	-1.1	-5.1	-0.6	17447917	-3.2	
18	611.952	1439.6	0.8	-1.5	4.2	-3.5	-0.9	17447917	-3.3	
18	611.652	1439.6	2.6	0.2	4.2	-1.4	-1.2	17594538	-3.4	
18	611.352	1434.3	-0.5	-3.1	-1.1	-3.8	-1.3	17743644	-3.3	
18	611.052	1434.2	-0.4	-2.6	-1.4	-4.8	-0.9	17594538	-3.5	
18	610.752	1435.1	1.1	-0.4	-0.4	-3	-0.5	16885081	-3.7	
18	610.452	1435.4	0.7	-0.8	-0.2	-3.5	-0.3	15861743	-3.9	
18	610.152	1435.8	1.4	0.2	0.1	-3.2	-0.1	14849291	-4.1	
18	609.852	1436.1	2.3	1.7	0.2	-3	0.2	13865894	-4.8	
18	609.552	1436.6	2.1	1.5	-6.4	-4	0.8	13004659	-4.9	
18	609.252	1437	1.7	2.1	-2.2	-4.9	1.4	11762641	-4.6	
18	608.952	1437.4	0.8	2.4	0.7	-3.8	1.7	10521357	-4.1	
18	608.652	1437.6	2.4	4.1	1.1	-2.3	1.7	9517046	-3.7	
18	608.352	1437.4	1.5	4.3	0.6	-2.8	1.6	8797269	-2.4	
18	608.052	1437.3	1.9	3.7	0.5	-1.6	1.4	8375000	-1.5	
18	607.752	1436.9	1.6	4.5	0.3	-1.6	1.1	8210785	-0.7	
18	607.452	1436.7	1.9	3.8	0.2	-1.2	0.8	8210785	0	
18	607.152	1436.2	1.5	3.1	0	-0.7	0.5	8275692	0.9	
18	606.852	1436	1.4	2.2	0	-0.4	0.3	8545919	1.4	
18	606.552	1435.7	1.5	3.5	-0.2	0.5	0.1	9063853	1.9	
18	606.252	1435.5	2.4	3.5	-0.6	1.2	0.3	9783879	2.1	
18	605.952	1435.2	2.8	4.1	-1	1.9	0.5	10682398	1.9	
18	605.652	1435.3	3.2	4.3	-0.9	2	0.8	11631945	1.5	
18	605.352	1435.3	3.5	5	-0.9	2	0.9	12766768	0.7	
18	605.052	1435.3	4	4.7	-0.9	1.5	1.1	13865894	-0.1	
18	604.752	1434.8	4.2	4.8	-0.9	1.3	0.9	14744718	-0.8	
18	604.452	1434.4	4.6	5.1	-0.6	0.8	0.5	15282847	-1.7	
18	604.152	1434.1	5	4.4	-0.5	0.9	0.1	15282847	-2.4	
18	603.852	1434	4.3	4.9	-0.3	-0.8	-0.2	14955357	-2.7	
18	603.552	1433.9	4.1	4.5	-0.1	-1	-0.4	14539931	-3	
18	603.252	1433.5	3.5	4.3	-0.4	-1.8	-0.7	14052014	-3	
18	602.952	1433.6	2.8	3.5	-0.2	-2.4	-0.9	13595779	-3.2	
18	602.652	1433.4	2.9	2.3	-0.3	-3	-1.1	12924383	-3.3	
18	602.352	1433.3	2.7	2.5	0	-3.1	-1.3	12172965	-3.4	
18	602.052	1433.1	2.8	3.4	0	-3.4	-1.4	11441257	-3.5	
18	601.752	1433.3	1.8	1.9	-0.1	-4.1	-1.1	10628173	-3.5	
18	601.452	1433.4	2.3	2.8	-0.5	-3.4	-0.5	9876179	-3.5	
18	601.152	1433.6	1.4	2.1	-0.6	-4.2	0.1	9183114	-3.3	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
18	600.852	1433.9	1.5	2.2	-0.5	-3.1	0.7	8687760	-3.2	
18	600.552	1434.1	0.6	1.4	-0.6	-3.8	1.1	8375000	-3.3	
18	600.252	1434.3	1.1	2.3	-0.8	-3.7	1.7	8178711	-3.4	
18	599.952	1434.5	0.7	1.4	-0.7	-3.5	2.1	8083977	-3.3	
18	599.652	1434.7	0.8	1.8	-0.8	-3.3	2.5	8083977	-3.3	
18	599.352	1434.9	-0.2	-1	-0.7	-3.8	2.5	8341634	-3.2	
18	599.052	1434.7	0.1	-2.5	-0.4	-4.2	2.1	8947650	-3.2	
18	598.752	1434.4	0.4	0.9	-0.4	-2.7	1.7	9970238	-3.1	
18	598.452	1433.9	-0.8	-0.4	-0.4	-4	1.1	11441257	-2.7	
18	598.152	1433.7	-0.5	-1.6	-0.1	-2.4	0.6	13684641	-2.7	
18	597.852	1433.3	-0.1	-0.8	0	-2.9	0.1	17161885	-2.9	
18	597.552	1433	-0.9	-2.3	0.1	-3.4	-0.3		-2.9	
18	597.252	1432.8	-1.2	-3.5	-0.2	-2.8	-0.5		-2.3	
18	596.952	1432.9	-1	-3.1	0.1	-2.4	-0.8		-2.8	
18	596.652	1432.6	-0.2	-1.9	-0.4	-1.7	-0.9		-2.5	
18	596.352	1432.7	-1.4	-2.2	-0.4	-3.2	-0.8		-2.1	
18	596.052	1432.5	-0.6	-3	-0.5	-1	-0.7		-1.9	
18	595.752	1432.3	-2.1	-3.6	-0.8	-2.8	-0.5		-1.5	
18	595.452	1432.1	-1.4	-3.3	-0.7	-1.6	-0.5		-1.5	
18	595.152	1431.9	-1.5	-3.1	-0.9	-1.3	-0.4		-1.2	
18	594.852	1432.3	-2.3	-4.2	-0.7	-1.7	-0.1		-1	
18	594.552	1432.4	-2.5	-4	-1.1	-0.9	0.2		-0.2	
18	594.252	1433	-2.1	-3.5	-0.4	-1.3	0.3		-0.6	
18	593.952	1433.3	-1	-2.5	-0.4	0.4	0.5		-1	
18	593.652	1433.5	-2.1	-4.5	0	-1.6	0.5		-1.2	
18	593.352	1433.4	-1.1	-3.9	0	0.3	0.4		-1.5	
18	593.052	1433.3	-2.5	-5.7	0.1	-1.7	0.3		-1.5	
18	592.752	1433.4	-1.8	-5.3	0.2	-1.2	0.4		-1.7	
18	592.452	1433.5	-2	-6	0	-1.1	0.5		-1.8	
18	592.152	1433.6	-2.6	-6.8	0.1	-1.9	0.5		-1.8	
18	591.852	1433.6	-2.7	-7.3	-0.3	-1.8	0.5		-1.6	
18	591.552	1433.6	-3.4	-8.4	-0.2	-3.1	0.3		-1.4	
18	591.252	1433.6	-2.8	-7.1	-0.3	-2	0.3		-1.2	
18	590.952	1433.7	-3.7	-7.8	-0.3	-3.4	0.4		-0.9	
18	590.652	1433.7	-3.3	-6.8	-0.2	-2.1	0.4		-0.7	
18	590.352	1433.6	-3.2	-6	-0.2	-2.5	0.3		-0.5	
18	590.052	1433.7	-3.1	-6	0	-2.2	0.2		-0.4	
18	589.752	1433.7	-2.4	-5.1	0.1	-1.8	0.2		-0.4	
18	589.452	1433.8	-2.9	-5.7	0.4	-1.9	0		-0.3	
18	589.152	1433.8	-2.4	-4.2	0.7	-1.2	-0.3		-0.2	
18	588.852	1433.8	-1.9	-4.2	1.1	-1.4	-0.7		-0.1	
18	588.552	1433.8	-1.4	-2.8	1.3	-0.4	-1		0.4	
18	588.252	1433.7	-1.4	-2.9	1.7	-0.5	-1.4		0.7	
18	587.952	1433.6	-0.6	-1.2	2	0.5	-1.7		0.9	
18	587.652	1433.6	-0.6	-1.7	2.3	0.8	-2		0.9	
18	587.352	1433.2	0.6	-0.1	2.3	1.5	-2.3		1	
18	587.052	1433.1	0.1	-0.7	2.3	1.7	-2.3		1.2	
18	586.752	1433.2	0.6	0.8	2.2	2.1	-2.1		1	
18	586.452	1433.2	1.6	1.5	1.9	2.4	-1.8		0.5	
18	586.152	1433.2	2.4	2	1.4	2.2	-1.4		-0.6	
18	585.852	1433.1	3	3.8	1	1.2	-1		-1.7	
18	585.552	1433.1	2.8	3.3	0.4	1	-0.3		-2.7	
18	585.252	1432.9	2.1	2.2	-0.3	-0.5	0.2		-3.4	
18	584.952	1432.8	2.6	3.5	-0.9	-2.5	0.7		-4.4	
18	584.652	1432.5	2.2	3.4	-1.6	-1.2	1.1		-4.9	
18	584.352	1432.5	1.4	2.4	-2.1	-3	1.4		-5.3	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
18	584.052	1432.4	1.3	1.5	-2.4	-3.6	1.4		-5.3	
18	583.752	1432.6	0.5	1.9	-1.9	-4.8	1.3		-5.3	
18	583.452	1432.6	1.6	2.2	-1.5	-3.6	1.1		-5.1	
18	583.152	1432.4	-1.3	0.8	-1.4	-5.3	0.6		-4	
18	582.852	1432.5	-1	0.4	-0.7	-4	0.2		-3.1	
18	582.552	1432.9	0.8	2.3	0.4	-2.2	-0.4		-2.6	
18	582.252	1433	-3.1	-0.8	0.9	-2.5	-0.5		0.5	
18	581.952	1433.2	-2.4	0.1	1.2	-0.7	-0.5		1.2	
18	581.652	1433.5	-2.4	-0.3	1.5	-0.8	-0.5		1.2	
18	581.352	1433.3	-2.5	-1.5	1.2	-0.8	-0.5		1.3	
18	581.052	1433	-2.9	-0.8	1	-1.5	-0.5		1.4	
18	580.752	1433.2	-2.8	-1.7	0.9	0.4	-0.1		1.4	
18	580.452	1433.2	-2.4	0.1	0.5	-0.9	0.1		0.6	
18	580.152	1432.9	-1.9	-0.1	-0.2	-2.1	0.2		-0.1	
18	579.852	1432.7	-2.4	-0.4	-0.6	-0.7	0.3		-0.4	
18	579.552	1432.6	-2.4	0.2	-1.1	-1.4	0.5		-0.8	
18	579.252	1432.7	-2.1	0.6	-1.5	-2	0.7		-1.4	
18	578.952	1432.6	-1.3	2.1	-1.8	-2.1	0.8		-2.3	
18	578.652	1432.4	-1.6	1.2	-1.8	-2.8	0.8		-2.7	
18	578.352	1432.5	-2.3	1.4	-1.6	-3.8	0.6		-3	
18	578.052	1432.7	-0.7	2.6	-1.1	-3.1	0.4		-3.3	
18	577.752	1432.8	-0.6	2.6	-0.5	-3.5	0.1		-3.4	
18	577.452	1433	-1.1	2	0	-2.8	0		-2.9	
18	577.152	1433.3	-1.1	1.3	0.4	-2.7	-0.1		-2.5	
18	576.852	1433.6	-0.7	2.2	1	-2.7	-0.3		-2.3	
18	576.552	1433.9	-0.5	1.9	1.4	-1.5	-0.4		-2.1	
18	576.252	1433.8	0	1.9	1.7	-0.9	-0.7		-2	
18	575.952	1433.8	-0.3	1.1	1.7	-1	-0.7	17895299	-1.9	
18	575.652	1433.7	0.5	1.9	1.4	-1.2	-0.6	14439655	-1.7	
18	575.352	1433.4	0.8	1.4	0.8	-0.9	-0.3	12924383	-1.5	
18	575.052	1433.2	-0.1	0.5	0.1	-1.1	0.1	12244152	-0.9	
18	574.752	1433.4	0.5	-0.1	0.1	-0.2	0.4	12316177	-0.8	
18	574.452	1433.2	1.5	1.4	-0.7	0.9	0.9	13168239	-0.7	
18	574.152	1433.3	-0.9	-1.5	-1.3	-1.2	1.4	14955357	-0.1	
18	573.852	1433.2	-0.6	-2.2	-1.6	-0.8	1.7	17743644	0.4	
18	573.552	1433.1	-0.1	-2.5	-1.7	-0.4	1.6		0.4	
18	573.252	1433	0.8	-2.2	-1.7	-0.1	1.5		0.4	
18	572.952	1433	1	-1.8	-1.5	-0.1	1.5		0.6	
18	572.652	1432.9	1.3	-0.8	-1.1	1.2	1.4		0.8	
18	572.352	1432.5	0.9	-1.7	-1.3	1.1	1.2		1.2	
18	572.052	1432.4	0.5	-1.7	-0.9	0.7	0.9		1.3	
18	571.752	1432.5	1	-0.4	-0.8	2.4	0.8		1.4	
18	571.452	1432.5	1.2	-0.1	-0.4	2.3	0.4		1.3	
18	571.152	1432.7	1.7	1.2	0	2.3	0.2		0.9	
18	570.852	1432.7	2.1	0.5	0.3	1.6	-0.1		0	
18	570.552	1432.6	2.6	3.9	0.5	1.2	-0.5		-0.9	
18	570.252	1432.1	1.8	2.8	0.5	-0.6	-1		-1.4	
18	569.952	1431.8	1.5	0.7	0.6	-1	-1.4		-1.9	
18	569.652	1431.6	0.6	3.7	0.6	-2	-1.7		-2.1	
18	569.352	1431.6	0.9	3.3	0.6	-2.3	-1.9		-2.5	
18	569.052	1431.9	1	3.4	0.6	-2.6	-1.7		-3	
18	568.752	1431.9	0.6	3.1	0.3	-3.7	-1.7		-3.3	
18	568.452	1432	0.2	3.1	0.2	-4.4	-1.6		-3.3	
18	568.152	1432.2	0	2.8	0.2	-4.4	-1.4		-3.2	
18	567.852	1432.4	0.6	3	0.2	-3	-0.9		-3.1	
18	567.552	1432.8	0.4	2.3	0	-3.2	-0.2		-2.9	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
18	567.252	1433	0.6	3	-0.3	-2.2	0.5		-2.7	
18	566.952	1433.2	0.3	2.7	-0.6	-2.6	1.1		-2.3	
18	566.652	1433.6	0	2.1	-0.8	-2.7	1.5		-2.1	
18	566.352	1433.9	0.3	1.6	-0.7	-1.8	1.8		-2	
18	566.052	1434	0.4	2			1.8		-1.8	
18	565.752	1434.2	-0.3	2			1.8		-1.4	
18	565.452	1434.1	-0.8	-0.1			1.4		-1.1	
18	565.152	1434.1	0	0.6			1.1		-1	
18	564.852	1433.9	-0.4	0.7			0.6		-1	
18	564.552	1433.8	0.2	1.3			0		-0.9	
18	564.252	1433.8	0.2	0.9			-0.5		-0.9	
18	563.952	1433.7	-0.5	0			-0.8		-0.7	

Perfil	STE Metro CDMX
Lugar Inicial	22km 840.0m
PK Final	22km 697.8m
Sentido De Avance	Decremento
Referencias Trabajo	VIA 2
ID Ruta/Liena	Ermita Mexicaltzingo 1
ID Vía	Via Principal
Hora Inicial	15:22:31 09-dic.-21
Hora Final	15:27:01 09-dic.-21
Versión Software	TOP01S020r0010(74)
Unid. Desplazamiento	Milímetros
Unidad Longitud	Milímetros
Unidad de ángulo	Grados
ID Perfil	L12
Signo del Peralte	Sentido horario
Intervalo adquisición	300.0mm (300.0mm)
Nivel. I superpuesto 1	12600.0mm
Nivel. I superpuesto 2	19000.0mm
Base Radio Derecho	20.0m (20.1m)
Base Radio Curv.Prom D	20.0m
Base Áng.Curv. Prom. D	20.0m
Áng.Curv.Cuerda Der	20.0m
Nivel. D superpuesto 1	20.0m
Nivel. D superpuesto 2	20.0m
Temp. Sistema Inicial	19.4°C
Temp. Sistema final	20.0°C
Ancho Referencia	1435.0mm
Ancho Refcia. Peralte	1500.0mm
Long. Cuerda Delantera	2500.0mm (2400.0mm)
Long. cuerda trasera	2500.0mm (2400.0mm)
Temperatura Nivelación	18.8°C

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
22	839.7	1433.9	-4.5				-1.5		6.3	
22	839.4	1434.3	-3.9				-1.4		6.3	
22	839.1	1434.3	-5.2				-1.2		7.5	
22	838.8	1434.4	-4.5				-1.1		7.6	
22	838.5	1434.4	-4.2				-1		7.6	
22	838.2	1434.5	-4.4				-1		7.6	
22	837.9	1434.9	-4.5				-0.9		7.6	
22	837.6	1435.1	-4.4				-0.9		7.5	
22	837.3	1435.5	-4.3		2	7.1	-0.7		7.5	
22	837	1435.8	-3.9		1.6	7.1	-0.3		7.5	
22	836.7	1435.9	-4.2		1.5	7.6	0		7.5	
22	836.4	1435.5	-4.4		0.9	7.2	0		7.5	
22	836.1	1435.3	-3.7		0.8	7.6	0		7.5	
22	835.8	1435.2	-3.7		0.6	7.5	0		7.5	
22	835.5	1434.8	-4.3		0	7.1	-0.2		7.5	
22	835.2	1434.7	-3.7		-0.3	7.8	-0.3		7.5	
22	834.9	1434.6	-3.3		-0.5	7.8	-0.6		7.2	
22	834.6	1434.6	-3		-0.3	7.4	-1		6.5	
22	834.3	1434.5	-3.3		0.1	6.7	-1.5		6.1	
22	834	1434.7	-3.6		0.8	6.9	-1.8		6.1	
22	833.7	1434.6	-3.3		1.2	6.5	-2.2		6.1	
22	833.4	1434.7	-3		1.4	6.7	-2.4		6.1	
22	833.1	1435	-3.3		2	6.9	-2.4		6.1	
22	832.8	1435.5	-3.5		2.3	6.3	-2.2		6.1	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
22	832.5	1435.9	-3.6		2.4	6.1	-2.1		6.4	
22	832.2	1436.1	-3.9		2.5	6.9	-2.1		7.5	
22	831.9	1435.9	-3.6		2.1	8.3	-2		8.2	
22	831.6	1435.9	-4.5		1.5	8	-1.7		8.9	
22	831.3	1436	-3.7		1.3	8.7	-1.4		9	
22	831	1436.2	-3.5		0.8	8.5	-0.8		8.7	
22	830.7	1436.1	-3.9		0.4	7.2	-0.3		8.2	
22	830.4	1436.2	-3.7		-0.1	7.2	0.3		7.7	
22	830.1	1436.5	-3.2		-0.5	6.8	1		6.8	
22	829.8	1436.9	-3.6		-0.6	5.8	1.6	-4435911	6.1	
22	829.5	1437.1	-4.1		-0.5	4.2	2	-4551631	5.6	
22	829.2	1437.4	-3.5		-0.4	5	2.3	-4642462	5	
22	828.9	1437.7	-3.5		-0.2	4.2	2.4	-4726298	4.7	
22	828.6	1437.8	-3.6		0.1	3.6	2.2	-4791190	4.4	
22	828.3	1437	-2.5		0.4	4.5	1.1	-4835451	4.3	
22	828	1436.4	-3		0.4	4.6	0.3	-4869186	4.8	
22	827.7	1436	-2.7		0.4	5	-0.4	-4869186	5.2	
22	827.4	1435.7	-2.7		0.5	5.6	-1	-4857889	5.7	
22	827.1	1435.2	-1.8	2.7	0.5	7.2	-1.5	-4769363	6.1	
22	826.8	1435.1	-2.4	1.5	0.6	6.6	-1.8	-4652778	6.3	
22	826.5	1434.9	-2.3	2.9	0.5	7.5	-2.1	-4512393	7.1	
22	826.2	1434.8	-2	2.5	0.7	8.7	-2.3	-4380230	8	
22	825.9	1434.9	-1.5	2.7	0.9	9.2	-2.1	-4255590	8.4	
22	825.6	1435.2	-1.8	2.6	1.1	9.2	-1.6	-4137846	8.6	
22	825.3	1435.5	-1.8	2.7	1.4	8.5	-1.4	-4057655	8.6	
22	825	1435.5	-1.6	2.8	1.5	8.7	-1.3	-3988096	8.5	
22	824.7	1435.4	-1.6	2.7	1.7	7.9	-1.2	-3943032	8.5	
22	824.4	1435.3	-1.8	2.1	1.9	8	-1.2	-3943032	8.4	
22	824.1	1435.3	-1.8	2.4	2.1	7.8	-1.1	-3980514	8.2	
22	823.8	1435	-1.8	2.6	1.9	7.4	-1	-4041989	8.2	
22	823.5	1435.1	-2	1.7	1.7	6.7	-0.8	-4137846	8.3	
22	823.2	1435.1	-1.8	1.9	1.4	6.9	-0.7	-4264257	8.4	
22	822.9	1435.1	-0.7	3.6	0.9	8.2	-0.6	-4407895	8.5	
22	822.6	1435	-0.8	2.9	0.3	7.8	-0.3	-4571507	8.7	
22	822.3	1434.5	-0.2	3.1	-0.3	8.6	-0.2	-4769363	8.9	
22	822	1434.1	-0.5	2.5	-0.7	9.6	-0.1	-5045181	9.2	
22	821.7	1433.7	-0.4	2.9	-1.1	9.3	-0.1	-5396263	9.6	
22	821.4	1433.5	0.1	3.7	-1	9.6	-0.3	-5799862	9.5	
22	821.1	1433.5	0.7	4	-1	9.9	-0.4	-6306476	9	
22	820.8	1433.7	1.2	4.2	-0.7	10.2	-0.5	-6842320	8.5	
22	820.5	1434.2	1.1	4.4	-0.3	9.2	-0.4	-7398410	8.1	
22	820.2	1434.4	1.8	5.3	0.1	9.3	-0.4	-7871241	7.3	
22	819.9	1434.6	1.8	5.4	0.7	7.8	-0.6	-8115310	6.3	
22	819.6	1434.4	-0.1	3.8	0.8	5.5	-0.3	-8022031	5.7	
22	819.3	1434.5	1.6	5.2	1.2	6.6	-0.5	-7613637	4.8	
22	819	1434.6	1.8	6.3	1.3	6	-0.4	-7002509	4.1	
22	818.7	1434.7	1.7	5.4	1.5	4.7	-0.5	-6325529	3.2	
22	818.4	1434.6	0.9	4.4	1.4	3.2	-0.6	-5689538	2.7	
22	818.1	1434.6	0.7	4.6	1.3	2.7	-0.7	-5208334	2.1	
22	817.8	1434.4	0.4	4.1	1.1	1.7	-0.9	-4824309	1.6	
22	817.5	1434.4	0.9	4.1	1.2	1.5	-1	-4522139	1.1	
22	817.2	1433.8	0.8	4.4	1.2	2.3	-1.5	-4299282	0.4	
22	816.9	1434	0	4.1	1.3	0.8	-1.4	-4154266	0.6	
22	816.6	1434	-0.3	3.2	1.3	0.5	-1.4	-4073444	1.1	
22	816.3	1434	-0.3	3.2	1.4	1.1	-1.4	-4065534	1.8	
22	816	1433.9	-0.4	3.2	1.4	2.2	-1.4	-4121555	2.9	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
22	815.7	1433.9	-0.8	1.7	1.5	2.9	-1.4	-4221271	4.1	
22	815.4	1434	-1.2	1.8	1.8	3.9	-1.2	-4352911	5.3	
22	815.1	1433.9	-0.8	1.9	1.8	4.7	-1.2	-4571507	5.9	
22	814.8	1433.8	-2	0.7	2.1	5	-1.2	-4857889	7.6	
22	814.5	1433.7	-1.9	-0.1	1.4	6.5	-1	-5221322	9.2	
22	814.2	1433.6	-1.1	1.3	0.9	8.2	-1	-5643531	10.3	
22	813.9	1433.4	-0.8	1.5	0.4	9.2	-1	-6068841	11	
22	813.6	1433.2	-0.2	1.8	-0.2	10.6	-1	-6422546	11.5	
22	813.3	1432.9	0.2	1.7	-1.1	11.7	-0.9	-6646826	11.8	
22	813	1432.4	0.1	1.9	-2	12.4	-0.8	-6710737	12.2	
22	812.7	1432.2	0	1.8	-2.6	12.4	-0.5	-6604890	12.3	
22	812.4	1432.1	0.5	2.1	-3	13.5	-0.2	-6306476	12.3	
22	812.1	1432.5	1.6	3.2	-3	13.8	0.3	-5982143	11.5	
22	811.8	1433.3	2.4	4.2	-2.4	13	0.7	-5689538	10.4	
22	811.5	1434	2.2	4	-1.8	11.7	1	-5481021	9.6	
22	811.2	1435	1.9	3.7	-1.1	10.6	1.5	-5368590	8.8	
22	810.9	1435.9	1.5	3.5	-0.3	8.9	1.8	-5327608	8.2	
22	810.6	1436.3	1.1	2.9	0.5	7.9	2	-5354860	7.6	
22	810.3	1436.7	0.7	1.4	1.2	7.1	2	-5424223	7.1	
22	810	1436.8	0.6	1.4	1.5	6.4	1.8	-5524407	6.4	
22	809.7	1436.7	0.4	0.6	1.7	4.9	1.3	-5658784	6.2	
22	809.4	1436.5	0.8	1.3	1.7	4.6	0.6	-5752061	6.1	
22	809.1	1436.2	1	1.4	1.7	5.1	-0.1	-5832173	6.1	
22	808.8	1436	0.5	0.4	1.6	4.9	-0.8	-5864846	6.1	
22	808.5	1435.8	1.5	0.8	1.5	5.9	-1.5	-5848464	6.1	
22	808.2	1435.3	1.6	0.4	1.5	6.3	-2.3	-5832173	6.1	
22	807.9	1434.9	1.5	0.4	1.4	6.7	-2.9	-5799862	6.1	
22	807.6	1434.9	0.8	-1	1.6	6.1	-3.3	-5799862	6.1	
22	807.3	1434.9	1.9	0.1	1.9	7.6	-3.4	-5815972	6	
22	807	1435.1	2.2	2.3	2	7	-3.2	-5948154	5.7	
22	806.7	1435.1	1.8	0.2	1.9	7.1	-2.8	-6140030	5.4	
22	806.4	1435.4	1.6	-0.2	1.6	6.8	-2.2	-6442308	5.3	
22	806.1	1435.7	1.9	0.2	1.6	6.3	-1.6	-6797890	5	
22	805.8	1435.9	1.7	0.8	1.6	6	-0.9	-7295296	4.9	
22	805.5	1436.1	1.1	0.4	1.3	5.1	-0.1	-7930871	4.7	
22	805.2	1436.4	1	0.6	0.7	5.1	0.9	-8616255	4.6	
22	804.9	1436.2	0.1	-0.8	0.3	4.7	1.4	-9347098	5	
22	804.6	1436.2	1	0.2	-0.4	5.4	1.8	-9970238	5.4	
22	804.3	1435.9	-0.7	-0.7	-0.7	4.3	1.8	-1E+07	6	
22	804	1436	-0.2	0.1	-0.6	5.4	1.5	-1.1E+07	6.1	
22	803.7	1435.5	-0.2	0.1	-0.7	4.8	0.9	-1.1E+07	6.1	
22	803.4	1435.1	-0.3	0.1	-0.7	5.1	0.3	-1.1E+07	6.1	
22	803.1	1434.9	-0.1	0.7	-0.3	5.5	-0.4	-1.1E+07	6.2	
22	802.8	1434.6	0.2	1.4	-0.1	6	-1.1	-1E+07	6.4	
22	802.5	1434.1	-1.1	-0.3	0.4	6.4	-1.8	-1E+07	8	
22	802.2	1434.4	-0.1	1.9	1	7	-2	-1E+07	8	
22	801.9	1434.5	0.3	2.2	1.2	8.4	-1.9	-9738372	8.1	
22	801.6	1434.8	-0.6	0.5	1	7.7	-1.5	-9305556	8.8	
22	801.3	1435	0.2	1	1.2	8.8	-1.1	-8909575	9	
22	801	1435.1	-0.3	-0.1	1	8.5	-0.7	-8375000	9.3	
22	800.7	1435.2	0.2	0	0.7	9.2	-0.3	-7812500	9.5	
22	800.4	1435.2	0.3	0.2	0.5	8.8	0.1	-7195017	9.5	
22	800.1	1434.9	1	1	0.3	9.7	0.3	-6604890	9.1	
22	799.8	1434.5	0.8	0.3	-0.1	8.4	0.3	-6104228	8.9	
22	799.5	1434.5	0.6	-1	-0.2	8.1	0.3	-5720629	8.6	
22	799.2	1434.5	1.3	-1.1	0	8	0	-5424223	7.7	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
22	798.9	1434.4	1.1	-1.1	-0.2	6.7	-0.2	-5208334	7.2	
22	798.6	1434.5	1.3	-0.6	0.1	6.6	-0.6	-5081918	6.4	
22	798.3	1434.7	1.1	-0.4	0.1	6.2	-0.7	-5045181	6.2	
22	798	1434.6	1.7	0.6	-0.1	6	-0.9	-5131741	6	
22	797.7	1434.4	2	1.3	-0.2	5.9	-0.9	-5341199	5.9	
22	797.4	1434.2	2.8	2.2	0	6.8	-0.9	-5689538	5.6	
22	797.1	1434.2	1.9	1.5	-0.1	5.5	-0.7	-6194527	5.6	
22	796.8	1434.2	2.6	1.8	-0.4	6	-0.3	-6842320	5.6	
22	796.5	1434.5	3	2	-0.3	6.8	0.2	-7669414	5.7	
22	796.2	1434.9	2.5	2	0.2	6.5	0.3	-8580943	5.7	
22	795.9	1435.4	2	0.5	0.3	6.5	0.7	-9431306	5.7	
22	795.6	1436	3.1	1.5	0.9	6.7	0.9	-9970238	5.6	
22	795.3	1436.1	3.1	1.6	1.1	6.8	0.9	-9922986	5.6	
22	795	1435.8	2.5	1.7	1.1	5.6	0.7	-9264381	5.6	
22	794.7	1435.5	3.4	1.5	1.2	7.2	0.2	-8375000	5.5	
22	794.4	1435.3	3.2	1	1.4	6.7	0	-7451068	5.5	
22	794.1	1434.8	2.8	1	1.2	6.8	-0.5	-6667994	5.6	
22	793.8	1434.3	2.2	0.6	0.8	6.4	-0.9	-6086483	5.7	
22	793.5	1434.2	1.3	-0.6	0.5	6	-1.1	-5720629	5.9	
22	793.2	1433.9	2.3	0.6	-0.2	6.6	-1.2	-5539021	6.1	
22	792.9	1433.8	1.8	0.7	-0.3	6.5	-1.2	-5553714	6.1	
22	792.6	1433.9	2.3	1.3	-0.6	7	-0.8	-5752061	6.1	
22	792.3	1434.1	1.5	1.4	-0.7	5.4	-0.5	-6140030	6.2	
22	792	1433.7	1.5	0.5	-1.2	5.6	-0.4	-6646826	6.2	
22	791.7	1433.6	0.3	1	-1	5.4	-0.3	-7269965	6.8	
22	791.4	1434	0.5	0.7	-0.5	6.3	0	-7871241	7.5	
22	791.1	1434.2	0.5	0.7	-0.3	7	0	-8308532	7.7	
22	790.8	1434.5	0.5	0.8	0.2	6.5	0	-8511179	7.9	
22	790.5	1434.5	-0.3	-0.2	0.6	6.3	-0.3	-8408635	8	
22	790.2	1434.7	0.4	0.2	1.2	6.5	-0.6	-8022031	8	
22	789.9	1435.1	1.2	2.3	1.6	8.1	-0.8	-7477679	8	
22	789.6	1435.2	0.9	1	2.2	7.4	-1	-6932947	8	
22	789.3	1435	0.7	0.4	2.4	7.9	-1.4	-6442308	8	
22	789	1434.8	1.2	1.8	2.2	8.1	-1.7	-6068841	7.9	
22	788.7	1434.9	1.2	1	2.1	8.2	-1.8	-5799862	7.8	
22	788.4	1434.7	1.5	1.8	1.6	8.4	-1.8	-5674120	7.7	
22	788.1	1434.5	1.1	0.9	1.4	8	-1.6	-5613271	7.6	
22	787.8	1434.3	1.6	1.3	0.8	8	-1.3	-5643531	7.1	
22	787.5	1434.4	0.7	-0.3	0.4	6.1	-0.9	-5720629	6.8	
22	787.2	1434.4	1.6	0.8	-0.2	7	-0.4	-5815972	6.5	
22	786.9	1434.4	1.3	0.7	-0.5	6.8	0	-5864846	6.5	
22	786.6	1434.6	1.5	0.2	-0.8	6.7	0.5	-5815972	6.4	
22	786.3	1435	1.2	0.1	-0.7	6.4	0.7	-5643531	6.4	
22	786	1435.3	1.2	-0.1	-0.4	6.4	0.6	-5438312	6.4	
22	785.7	1435	1.7	0.6	-0.4	6.7	0.3	-5182550	6.4	
22	785.4	1434.8	0.9	-0.8	-0.1	5.8	-0.2	-4949764	6.4	
22	785.1	1434.8	1.5	-0.5	0.1	7.3	-0.6	-4736991	6.4	
22	784.8	1434.9	1.4	-1.4	0.6	6.6	-1	-4561547	6.4	
22	784.5	1434.9	1.4	-0.5	0.9	6.9	-1.3	-4483405	6.4	
22	784.2	1434.9	1.2	-1.4	1	6.6	-1.5	-4454788	6.4	
22	783.9	1435.2	1.2	-1.8	1	7.1	-1.5	-4512393	6.4	
22	783.6	1435.5	0.9	-1.6	1.1	6.3	-1.3	-4632191	6.4	
22	783.3	1435.7	1.8	-0.2	1.2	7	-0.9	-4791190	6.4	
22	783	1435.9	1.4	-1.7	1.3	7	-0.3	-4961493	6.4	
22	782.7	1436.1	0.5	-2.6	1.1	6.5	0.2	-5131741	6.4	
22	782.4	1436.2	0.8	-1.7	1.1	6	0.5	-5234375	6.4	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
22	782.1	1436.1	0.5	-2.9	1.1	5.8	0.6	-5260679	6.4	
22	781.8	1436.1	0.5	-2.7	1.2	6.1	0.8	-5221322	6.4	
22	781.5	1436.3	-0.1	-2.9	1.4	5.6	0.7	-5144349	6.5	
22	781.2	1436.2	0.8	-1.4	1.5	6.6	0.3	-5008972	6.5	
22	780.9	1435.8	0.6	-0.7	1.4	5.8	-0.1	-4869186	6.5	
22	780.6	1435.1	0.6	-1.7	1	6.4	-0.6	-4736991	7	
22	780.3	1434.8	-0.7	-2.5	1	5.7	-1.1	-4673549	7.3	
22	780	1434.3	1	-1.3	0.9	8	-1.6	-4694507	7.4	
22	779.7	1433.9	0.8	-0.7	0.9	7.4	-1.9	-4780251	7.4	
22	779.4	1433.4	0.3	-1.2	0.6	7.1	-2	-4926471	7.4	
22	779.1	1433.2	0.5	0.2	0.3	7.6	-2	-5169753	7.4	
22	778.8	1433.2	0.6	0.1	0.3	7.2	-1.8	-5495407	7.3	
22	778.5	1433.3	0.9	0.4	0.3	7.6	-1.4	-5897888	7.2	
22	778.2	1433.5	1.1	0.6	0.6	7.5	-1.1	-6344697	6.6	
22	777.9	1433.7	1.4	1.7	0.3	8.1	-0.7	-6797890	6.3	
22	777.6	1433.9	-0.1	-0.5	0.4	5.5	-0.4	-7195017	6.2	
22	777.3	1433.8	1.1	-0.1	0.3	6.9	-0.3	-7477679	6.2	
22	777	1433.5	0.7	-0.2	0.1	6	-0.4	-7558664	6.2	
22	776.7	1433.4	0.6	-0.1	-0.1	6.3	-0.6	-7504480	6.2	
22	776.4	1433.2	0.7	-0.5	-0.5	6.4	-0.9	-7346491	6.2	
22	776.1	1433.1	0.4	-0.8	-0.8	5.7	-1.1	-7170377	6.2	
22	775.8	1433	-0.2	-1.7	-1.1	5.5	-1.2	-7026007	6.8	
22	775.5	1433.3	-0.1	-1.2	-1.1	6	-1	-6910066	7.4	
22	775.2	1433.4	0.2	-1.4	-1	7	-1	-6887336	7.5	
22	774.9	1433.6	0	-0.7	-0.6	5.8	-1	-6955980	7.3	
22	774.6	1434.2	1.5	-0.1	-0.1	7.4	-0.6	-7097458	6.5	
22	774.3	1435	0.6	-0.7	0.7	5.2	-0.3	-7295296	6.3	
22	774	1436	0.4	-1.1	1.5	5.4	0.1	-7477679	6.2	
22	773.7	1436.7	1	-0.2	2.1	5.8	0.3	-7558664	6.1	
22	773.4	1437.1	1.1	-0.1	2.6	6.4	0.4	-7504480	6	
22	773.1	1437.1	1.3	-0.4	2.5	6.6	0.3	-7269965	6	
22	772.8	1437	1.6	0.7	2.5	6.9	0.2	-6864754	5.9	
22	772.5	1436.6	1.9	0.4	2	7.6	0	-6422546	6	
22	772.2	1436.4	0.5	-0.9	1.8	5.6	-0.3	-5982143	6.1	
22	771.9	1435.9	2.8	1.4	1.2	7.9	-0.7	-5598262	6.1	
22	771.6	1435.6	1.7	0.5	0.6	7	-0.9	-5247494	6.2	
22	771.3	1435.4	2.2	1	0.3	7.4	-1.1	-4985119	6.2	
22	771	1435.2	1.6	0.7	0.1	6.7	-1.2	-4835451	6.3	
22	770.7	1435.2	1.6	-0.2	0.2	6.6	-1.2	-4780251	6.3	
22	770.4	1435.2	1	-0.4	0.2	6.5	-0.9	-4802179	7	
22	770.1	1435.5	0.5	0	0.5	6.5	-0.4	-4880536	7.4	
22	769.8	1435.6	0.5	-0.3	0.5	7.4	0	-5008972	7.4	
22	769.5	1435.7	1.4	0.9	0.7	7.1	0.3	-5157020	7.3	
22	769.2	1435.8	1.4	0.9	0.7	7.2	0.6	-5314087	7.2	
22	768.9	1435.7	0.9	1	0.5	6.2	0.7	-5481021	7	
22	768.6	1435.5	1.3	0.5	0	7.3	0.8	-5628360	6.8	
22	768.3	1435.3	1.2	0.6	-0.3	6.6	0.7	-5752061	6.7	
22	768	1434.9	1.4	0.8	-0.8	7.1	0.6	-5864846	6.5	
22	767.7	1434.3	0.9	1.6	-1.6	6.8	0.4	-5948154	6.5	
22	767.4	1433.8	0.4	-0.6	-2.2	6.4	0.2	-6068841	6.5	
22	767.1	1433.4	0.4	-0.4	-2.5	6.2	-0.1	-6287538	6.5	
22	766.8	1433.4	1.1	0.8	-2.8	6.7	-0.2	-6522586	6.4	
22	766.5	1433.7	1.3	0.8	-2.5	7.1	-0.1	-6754032	6.5	
22	766.2	1434.2	0.1	-0.5	-1.8	5.8	0	-7026007	6.5	
22	765.9	1434.7	0.9	0	-1.2	6.7	0	-7269965	6.5	
22	765.6	1435.1	0.6	-0.5	-0.3	5.9	-0.2	-7451068	6.4	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
22	765.3	1435.6	0.7	-0.7	0.6	6.3	-0.3	-7504480	6.4	
22	765	1436.1	0.5	0.6	1.3	6	-0.3	-7424646	6.4	
22	764.7	1436.4	0.1	-1	1.8	6.6	-0.4	-7195017	6.4	
22	764.4	1436.9	0.2	-0.5	2.1	6	-0.5	-6842320	6.4	
22	764.1	1436.9	0.6	0	2	5.8	-0.8	-6442308	6.3	
22	763.8	1436.5	0.4	-0.3	1.5	6.2	-1.2	-6033862	6.2	
22	763.5	1436.5	0.3	-0.1	1.1	6.2	-1.5	-5674120	6.2	
22	763.2	1436.4	0.8	1	0.7	6.6	-1.8	-5368590	6.2	
22	762.9	1436.3	0.7	0.8	0.4	6.2	-2	-5144349	6.2	
22	762.6	1436.4	1.5	1.3	0.2	7.2	-1.9	-4973278	6.2	
22	762.3	1436.7	-0.6	-0.6	0.5	5.1	-1.9	-4869186	6.2	
22	762	1437.2	0.2	-1.3	0.8	6.3	-1.8	-4857889	6.2	
22	761.7	1437.7	1	0.4	1.4	6.7	-1.7	-4903396	6.2	
22	761.4	1438.3	0.7	0.3	2.1	7.1	-1.4	-4985119	6.7	
22	761.1	1439.2	-0.4	-1.4	2.8	6.8	-1	-5094283	7.3	
22	760.8	1439.9	0.3	-0.8	3.2	7.8	-0.6	-5221322	7.6	
22	760.5	1440.2	0.7	-0.6	3.4	8.7	-0.4	-5354860	8	
22	760.2	1440.1	0.6	-1	3.3	8.4	-0.4	-5438312	8.3	
22	759.9	1439.8	1	-0.9	3	10.8	-0.5	-5452474	8.7	
22	759.6	1439.5	0	-0.5	3.2	9.5	-0.7	-5396263	9.2	
22	759.3	1439.1	0.4	-2.4	2.6	10.2	-0.8	-5273930	9.4	
22	759	1438.7	0.2	-1.5	2.1	10.2	-0.8	-5131741	9.5	
22	758.7	1438.3	0	-2.2	1.4	11	-0.8	-5008972	9.5	
22	758.4	1438.1	-0.5	-2.1	0.7	10	-0.6	-4903396	9.4	
22	758.1	1438	-0.7	-2.3	0.2	9.7	-0.4	-4846644	9.3	
22	757.8	1438	-0.6	-1.6	-0.2	9.4	-0.2	-4824309	8.9	
22	757.5	1437.9	-1.5	-2	-0.3	10.1	0.3	-4869186	8.7	
22	757.2	1436.8	-0.8	-1.3	-2.3	9	0.9	-4985119	7.4	
22	756.9	1436.8	-1.9	-3.3	-2.8	5.9	0.8	-5182550	6.4	aparato de via
22	756.6	1436.4	-1.6	-3	-1.6	6.4	0.5	-5396263	6.4	
22	756.3	1436.2	-2.6	-3.5	-1.4	5.6	0.3	-5553714	6.4	
22	756	1436.1	-2.4	-3.7	-1.4	5.7	-0.1	-5658784	6.2	
22	755.7	1436.2	-2.9	-4.1	-0.8	5.2	-0.5	-5705041	6.1	
22	755.4	1436.7	-2.7	-4.1	0.1	5.1	-0.8	-5689538	5.8	
22	755.1	1436	-6.8	-7.7	-0.2	1.4	-1.3	-5598262	5.6	
22	754.8	1436.9	-4.8	-5.2	1.5	2.8	-1.9	-5438312	5.6	
22	754.5	1438.5	-3.1	-3.5	3.1	5.2	-2.1	-5234375	5.6	
22	754.2	1436.3	-3.4	-4.5	1.1	5	-2.2	-5008972	5.9	
22	753.9	1436.2	-3.5	-4.8	0.8	5.1	-2.1	-4846644	5.8	
22	753.6	1437	-3.2	-3.3	1.2	5	-1.9	-4758523	5.7	
22	753.3	1437	-3.3	-4.2	0.9	5	-1.7	-4736991	5.8	
22	753	1436.9	-3.4	-4	0.1	5	-1.4	-4802179	5.9	
22	752.7	1437.2	-3.7	-4.4	0.5	6.8	-1.2	-4926471	6	
22	752.4	1437.7	-3.2	-3.7	0.2	6	-0.9	-5081918	6	
22	752.1	1438.3	-3.4	-3.5	-0.5	5.1	-0.4	-5247494	6.1	
22	751.8	1438.5	-3.3	-3.5	0.8	5.4	-0.3	-5424223	6.1	
22	751.5	1438.9	-3	-3.6	1.2	5.2	-0.2	-5583334	6.1	
22	751.2	1439.2	-2.5	-2.9	1.2	6.3	-0.2	-5689538	6.1	
22	750.9	1439.4	-2.1	-2.4	1.5	6.4	-0.2	-5674120	6.1	
22	750.6	1439.7	-2.2	-3	2	6.4	-0.2	-5495407	6.2	
22	750.3	1439.7	-2.1	-2.8	2.2	7	-0.3	-5208334	6.2	
22	750	1439.9	-1.6	-3.1	2.3	7.3	-0.3	-4914906	6.2	
22	749.7	1439.9	-1.6	-1	2.2	7.5	-0.4	-4652778	6.2	
22	749.4	1439.7	-1.7	-1.9	2.3	8	-0.6	-4426533	6.2	
22	749.1	1439.5	-0.7	-1.7	2	8.9	-0.5	-4238361	6.3	
22	748.8	1439.4	-2.1	-2.8	2	7.6	-0.3	-4081384	7.2	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
22	748.5	1439.2	-1.4	-1	1.7	8.8	-0.1	-3972961	7.5	
22	748.2	1438.9	-1.3	-1.6	1.1	9.2	0.2	-3913552	7.7	
22	747.9	1438.4	-2.1	-2.8	0.4	8.3	0.4	-3920881	8	
22	747.6	1438.2	-2.1	-2.7	-0.4	8.2	0.8	-3988096	8.1	
22	747.3	1437.9	-2.3	-3.3	-1.1	7.6	1.2	-4081384	8.2	
22	747	1437.5	-3.7	-3.7	-1.8	6.4	1.5	-4179142	8.5	
22	746.7	1437.1	-3.5	-3.9	-2.3	5.6	1.4	-4334886	8.3	
22	746.4	1436.2	-2.5	-2.7	-2.9	6.9	1	-4561547	8.1	
22	746.1	1435.8	-3.2	-3.2	-3	5.3	0.7	-4824309	8	
22	745.8	1435.6	-3.5	-3	-2.7	4.7	0.3	-5081918	7.9	
22	745.5	1435.6	-2.7	-2	-1.9	5.2	-0.3	-5327608	7.6	
22	745.2	1435.6	-2.8	-2.2	-1.3	5.5	-0.9	-5553714	7.4	
22	744.9	1435.7	-1.8	-0.3	-0.6	5.6	-1.4	-5799862	7.1	
22	744.6	1436	-1.5	-0.7	0.4	6.5	-1.9	-6140030	6.7	
22	744.3	1436.5	-0.8	1.1	1.3	6.6	-2.3	-6502329	6.3	
22	744	1436.8	-0.5	1.1	1.9	6	-2.2	-6910066	6.3	
22	743.7	1437.1	0.4	3	2.1	7.2	-2	-7320804	6.2	
22	743.4	1437.1	0.7	3.1	2	7.5	-1.7	-7754630	6.2	
22	743.1	1437.1	1.5	4.4	1.6	7.8	-1.2	-8178711	6.3	
22	742.8	1437.3	0.4	3.1	2	6.8	-0.9	-8545919	6.8	
22	742.5	1437.4	1.7	8.5	2.1	7.6	-0.6	-8760460	7	
22	742.2	1437.6	1.1	5.9	2.1	7.2	-0.6	-8760460	7.3	
22	741.9	1438	1.3	4.4	2.1	7.4	-0.5	-8442541	7.4	
22	741.6	1438.1	2.1	5.5	2	8.5	-0.6	-8022031	7.6	
22	741.3	1438.2	2.1	5.6	1.7	9	-0.7	-7531475	7.6	
22	741	1438.1	2.4	5.6	1.6	9.3	-1.1	-7073480	7.6	
22	740.7	1437.8	2.8	6.1	1.3	9.1	-1.8	-6689297	7.5	
22	740.4	1436.8	3.6	7	0	10	-2.5	-6363982	7.4	
22	740.1	1436.2	4	7.7	-0.4	9.6	-2.8	-6122076	7.3	
22	739.8	1436.2	3.9	7.1	-0.3	9.5	-2.9	-5965100	7.2	
22	739.5	1436.3	3.5	6.9	-0.5	9	-3	-5897888	7.2	
22	739.2	1436.6	2.9	6.2	-0.6	7.8	-2.9	-5931303	7.1	
22	738.9	1437.2	0.9	3.9	-0.1	6	-2.7	-5965100	7	
22	738.6	1438	0.7	3.2	0.5	5.9	-2.2	-5965100	6.9	
22	738.3	1439.4	0.9	3	1.5	5.6	-1.4	-5897888	6.8	
22	738	1441.4	1.6	3.8	3.2	5.2	-0.3	-5767907	6.3	
22	737.7	1441.5	1.7	3.8	2.9	5.2	0.7	-5628360	6.2	
22	737.4	1441.3	2.2	3.8	2.1	5.6	1.5	-5452474	6.2	
22	737.1	1441.5	2	3.6	1.9	6	2.1	-5234375	6.1	
22	736.8	1442.1	2.4	4.1	2.1	6.9	2.6	-5020984	5.9	
22	736.5	1441.7	1.7	2.4	1.2	6.6	2.9	-4835451	5.8	aparato de via
22	736.2	1441.3	1	3.1	0.7	5.7	2.8	-4726298	5.9	
22	735.9	1440.7	1.5	2.9	0.1	5.9	2.1	-4673549	5.4	
22	735.6	1440.2	1.9	3.2	-0.6	6.4	1.4	-4652778	5.2	
22	735.3	1439.6	1.4	3.5	-0.6	5.5	0.8	-4684005	5.2	
22	735	1439.1	1.6	3.7	-0.2	5.5	0.3	-4758523	5.3	
22	734.7	1438.6	0.7	3	-0.3	5.2	0.1	-4869186	5.7	
22	734.4	1438.1	0	3.7	-0.6	4.6	-0.2	-4985119	5.9	
22	734.1	1438	0.8	4.3	-0.1	5.6	-0.3	-5119193	6.1	
22	733.8	1437.7	1.7	4.2	0.2	6.8	-0.4	-5221322	6.2	
22	733.5	1437.6	1.2	4.4	0.4	6.4	-0.3	-5287248	6.7	
22	733.2	1437.5	-0.1	3.4	0.7	5.7	-0.3	-5314087	7.7	
22	732.9	1437.4	0.5	3.2	1.1	7	-0.3	-5287248	8.2	
22	732.6	1436.8	0.7	3.5	1	7.6	-0.6	-5260679	8.8	
22	732.3	1436.2	0.3	2.1	0.8	8.3	-0.9	-5234375	9.4	
22	732	1435.7	0.3	1.8	0.7	8.5	-1.3	-5247494	9.6	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
22	731.7	1435.2	1	1.8	0.4	8.8	-1.6	-5273930	9.7	
22	731.4	1434.6	1.2	1.7	0.3	8.5	-1.9	-5327608	9.8	
22	731.1	1434.3	1.5	1.1	0.1	9.4	-2	-5410207	9.9	
22	730.8	1434	1.9	1.2	-0.3	10.1	-1.9	-5568484	9.9	
22	730.5	1433.7	2.1	0.6	-0.6	10	-1.8	-5864846	9.9	
22	730.2	1433.7	2.3	1.9	-0.6	10.1	-1.6	-6306476	9.9	
22	729.9	1434	2.2	0.5	-0.4	10.4	-1.2	-6887336	9.8	
22	729.6	1434.4	2.8	1.7	-0.2	11	-0.8	-7613637	9.5	
22	729.3	1434.8	3	1.7	-0.1	10.7	-0.4	-8616255	9.2	
22	729	1434.7	3.4	1.3	0.1	11.2	-0.3	-9876179	9.1	
22	728.7	1434.8	2.9	0.8	0.3	10.4	-0.3	-1.2E+07	9	
22	728.4	1434.8	3.5	1.1	0.5	10.6	-0.5	-1.3E+07	8.7	
22	728.1	1434.8	3.6	0.8	0.9	10.6	-0.6	-1.5E+07	8.4	
22	727.8	1435	3.5	-0.1	1	10.2	-0.5	-1.5E+07	8.1	
22	727.5	1435.1	2.8	-1.2	0.8	9.4	-0.4	-1.4E+07	7.9	
22	727.2	1435.1	2.4	-1.5	0.4	8.8	-0.4	-1.3E+07	7.6	
22	726.9	1435.3	2.1	-1.4	0.2	7.6	-0.2	-1.1E+07	7.1	
22	726.6	1435.3	1.4	-1.5	0.2	6	-0.2	-9738372	6.5	
22	726.3	1435.4	1.5	0.6	0.2	6.5	0	-8442541	6.2	
22	726	1435.5	1.3	0.6	0.3	5.8	0.2	-7424646	5.9	
22	725.7	1435.4	0.6	-0.3	0.3	4.5	0.1	-6754032	5.3	
22	725.4	1435.4	0.6	-1	0.3	3.8	0	-6287538	4.7	
22	725.1	1435.4	0.4	-1.3	0.5	3.5	-0.2	-5931303	4.2	
22	724.8	1435.8	-0.3	-2.5	1.2	2.4	-0.4	-5658784	3.4	
22	724.5	1435.8	0.3	-1.7	1.7	2.7	-0.9	-5424223	2.8	
22	724.2	1435.8	0.3	-2.1	2	2.8	-1.2	-5247494	2	
22	723.9	1435.6	-0.4	-2.1	2	1.3	-1.4	-5094283	2	
22	723.6	1435.3	-0.7	-1.7	1.9	0.8	-1.5	-4985119	2.5	
22	723.3	1435.2	-0.9	-2.4	1.9	1.5	-1.5	-4903396	3	
22	723	1435.1	-0.5	-2.4	1.9	2.8	-1.4	-4869186	3.6	
22	722.7	1435.1	-0.5	-1.9	1.8	3.4	-1.1	-4869186	4.5	
22	722.4	1434.9	-0.9	-2.5	1.3	4.4	-0.8	-4938090	5.6	
22	722.1	1434.8	-1.3	-2	1	5.1	-0.5	-5057367	6.9	
22	721.8	1434.8	-2.4	-2.4	0.6	5.2	-0.3	-5221322	8.2	
22	721.5	1434.6	-0.8	-1.6	0.1	7.6	-0.2	-5396263	8.8	
22	721.2	1434.4	0.8	-0.9	-0.4	10	-0.1	-5583334	9.4	
22	720.9	1434.1	0.6	-0.6	-0.7	10.7	0	-5752061	10.1	
22	720.6	1433.9	0.1	0.2	-1	10.8	0.1	-5864846	10.6	
22	720.3	1433.5	0.7	0.2	-1.3	11.7	0	-5914548	10.8	
22	720	1433	1	0.3	-1.7	11.9	0	-5914548	10.8	
22	719.7	1432.7	0.7	0.4	-1.8	12.4	0	-5848464	10.8	
22	719.4	1433.2	1	0.7	-1.2	13	0.2	-5720629	10.6	
22	719.1	1433.8	1.1	0.1	-0.3	12.2	0.2	-5553714	10.2	
22	718.8	1434.4	1.1	-0.1	0.3	10.4	0.3	-5438312	9.5	
22	718.5	1434.3	1	-0.5	0.5	9.8	0.1	-5382391	8.7	
22	718.2	1434.5	0.4	-1.5	0.7	8.8	0.1	-5396263	8.2	
22	717.9	1434.6	0.1	-2	0.9	7.8	0	-5452474	7.6	
22	717.6	1434.5	0.7	-1.6	1	7.5	0	-5509869	7	
22	717.3	1434.2	-0.4	-2.6	0.8	6.1	0	-5553714	6.8	
22	717	1433.6	-0.3	-3.1	0.1	6	-0.2	-5583334	6.7	
22	716.7	1433.2	-0.9	-3.9	-0.6	5.2	-0.3	-5568484	6.8	
22	716.4	1433.2	-0.5	-3.9	-0.8	5.9	-0.4	-5481021	6.8	
22	716.1	1433.3	-0.8	-3.7	-0.5	5.6	-0.6	-5314087	6.9	
22	715.8	1433.6	-0.5	-4	-0.4	6.5	-0.7	-5094283	7	
22	715.5	1433.9	-0.9	-4.5	-0.1	6.2	-0.9	-4869186	7.2	
22	715.2	1434.1	-0.6	-4.1	0.3	6.4	-1.2	-4642462	7.4	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
22	714.9	1434.1	0	-2.8	0.6	7.4	-1.4	-4445329	7.4	
22	714.6	1434.2	-0.2	-2.6	1.1	7.4	-1.5	-4281698	7.5	
22	714.3	1434.3	0.2	-1.9	1.8	8.1	-1.5	-4195892	7.5	
22	714	1434.3	-0.2	-1.6	2	7.8	-1.5	-4179142	7.6	
22	713.7	1434.6	0	-1.5	2.2	8.3	-1.3	-4229798	7.6	
22	713.4	1434.9	-0.4	-1.7	2.2	7.3	-1	-4343880	7.5	
22	713.1	1435.2	0.1	-0.5	1.9	8.4	-0.6	-4522139	7.5	
22	712.8	1435.5	0.1	-0.5	1.6	8.1	-0.3	-4758523	6.8	
22	712.5	1435.7	0.4	0	1.2	7.4	0	-5020984	6.3	
22	712.2	1435.5	0.2	0.5	0.7	7.5	0.1	-5287248	6.1	
22	711.9	1434.9	0.1	-0.2	0	7.2	0	-5524407	6	
22	711.6	1434.3	-0.2	-0.5	-0.4	7.4	-0.3	-5689538	6.1	
22	711.3	1434	-0.6	-0.2	-0.7	6.4	-0.6	-5767907	6.2	
22	711	1433.8	0.2	0.9	-0.7	7.4	-0.9	-5736302	6.2	
22	710.7	1434	-0.7	0.2	-0.1	5.9	-1.2	-5613271	6.3	
22	710.4	1434.4	-1.8	-1.3	0.7	5.6	-1.5	-5424223	7.1	
22	710.1	1434.8	-1.3	-0.8	1.1	6.8	-1.6	-5208334	8.2	
22	709.8	1435.2	-2.1	-1.2	1.6	6.9	-1.6	-4985119	9	
22	709.5	1435.5	-2.4	-1.1	2.2	7.5	-1.6	-4802179	9.5	
22	709.2	1435.8	-2.7	-0.3	2.7	7.5	-1.5	-4632191	9.6	
22	708.9	1436	-1.5	-0.7	2.9	8.9	-1.1	-4512393	9.4	
22	708.6	1436	-1.5	-2.3	2.7	7.9	-0.7	-4398635	9	
22	708.3	1435.4	-0.7	-1.3	1.7	8.8	-0.4	-4334886	8.4	
22	708	1434.9	-0.8	-0.9	0.8	8.9	-0.2	-4281698	8	
22	707.7	1434.9	-0.1	-0.8	0.7	8.6	-0.1	-4255590	7.2	
22	707.4	1434.9	-0.1	-1.1	0.6	8.4	-0.1		6.6	
22	707.1	1434.9	-0.9	-1.6	0.7	7.6	-0.2		6.2	
22	706.8	1434.9	-1	-2	0.6	7.4	-0.3		6.1	
22	706.5	1434.5	-1.4	-2.5	0.6	6.5	-0.8		6	
22	706.2	1434.3	-1.1	-2.2	0.8	7.2	-1.2		6	
22	705.9	1434.2	-1.4	-2.4	1.3	6.8	-1.5		5.9	
22	705.6	1434.1	-1.6	-2	1.9	6.4	-1.8		5.9	
22	705.3	1433.8	-1.7	-1.8	1.9	6.1	-2.1		5.9	
22	705	1433.7	-1.7	-2.4	1.9	6.1	-2.2		6	
22	704.7	1433.4	-2.3	-1.9	1.7	5.9	-2.2		6.1	
22	704.4	1433.4	-1.9	-1.6	1.1	6.3	-1.9		6.2	
22	704.1	1433.3	-2.2	-1.3	0.7	5.9	-1.4		6.2	
22	703.8	1433.4	-3.2	-2.7	0.4	5.7	-0.8		6.8	
22	703.5	1433.3	-3.9	-3.1	-0.2	5	-0.2		7.5	
22	703.2	1433.2	-3.4	-2.9	-0.9	6.4	0.4		7.8	
22	702.9	1433.2	-3.6	-2.7	-1.1	6.6	0.9		8.2	
22	702.6	1433.2	-3.5	-2.9	-1.4	7.2	1.2		8.3	
22	702.3	1433	-3.3	-3.3	-1.6	7.5	1.3		8.4	
22	702	1433.5	-3	-2.8	-1.2	7.6	1.2		8.4	
22	701.7	1433.5	-2.4	-2.6	-0.9	8	0.8		8.3	
22	701.4	1433.2	-3	-2.8	-1	8.1	0.3		8.3	
22	701.1	1433.2	-1.3	-1.3	-0.4	10	-0.3		8.2	
22	700.8	1433.3	-2.3	-1.9	0.2	8.4	-0.8		8.1	
22	700.5	1433	-2.2	-2.3	0.2	8.6	-1.2		8.1	
22	700.2	1433.1	-3	-3.1	0.6	7.2	-1.6		8	
22	699.9	1433.2	-2.4	-2.8			-1.8		8	
22	699.6	1433.6	-2.4	-2.6			-1.6		8	
22	699.3	1433.9	-2.1	-2.2			-1.4		8	
22	699	1434.3	-2.4	-2.2			-1		8	
22	698.7	1434.4	-2.3	-1.7			-0.9		8	
22	698.4	1434.7	-1.8	-2			-0.6		8	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
22	698.1	1434.8	-1.8	-1.1			-0.5		8	
22	697.8	1435	-0.9	0.9			-0.3		8	

Perfil	STE Metro CDMX
Lugar Inicial	22km 555.0m
PK Final	21km 945.7m
Sentido De Avance	Decremento
Referencias Trabajo	VIA 2
ID Ruta/Liena	Ermita Mexicaltzingo 2
ID Vía	Via Principal
Hora Inicial	15:34:03 09-dic.-21
Hora Final	15:42:33 09-dic.-21
Versión Software	TOP01S020r0010(74)
Unid. Desplazamiento	Milímetros
Unidad Longitud	Milímetros
Unidad de ángulo	Grados
ID Perfil	L12
Signo del Peralte	Sentido horario
Intervalo adquisición	300.0mm (300.0mm)
Nivel. I superpuesto 1	12600.0mm
Nivel. I superpuesto 2	19000.0mm
Base Radio Derecho	20.0m (20.1m)
Base Radio Curv.Prom D	20.0m
Base Áng.Curv. Prom. D	20.0m
Áng.Curv.Cuerda Der	20.0m
Nivel. D superpuesto 1	20.0m
Nivel. D superpuesto 2	20.0m
Temp. Sistema Inicial	20.7°C
Temp. Sistema final	21.4°C
Ancho Referencia	1435.0mm
Ancho Refcia. Peralte	1500.0mm
Long. Cuerda Delantera	2500.0mm (2400.0mm)
Long. cuerda trasera	2500.0mm (2400.0mm)
Temperatura Nivelación	18.8°C

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
22	554.7	1435.2	-1				-0.9		6.6	
22	554.4	1435.1	-0.6				-0.9		6.6	
22	554.1	1435.1	-1.4				-0.9		8.2	
22	553.8	1435.2	-1.1				-0.9		8.5	
22	553.5	1435.3	-1				-0.9		8.8	
22	553.2	1435.7	-0.5				-1		9.2	
22	552.9	1436.1	-1.3				-0.9		9.7	
22	552.6	1436.5	-0.3				-1.2		9.8	
22	552.3	1436.6	-0.9		2.5	9	-1.6		9.9	
22	552	1436.3	-0.6		2.8	9.1	-1.9		10.1	
22	551.7	1436.3	-0.2		2.9	10.2	-1.9		10.2	
22	551.4	1436.4	-0.3		3.1	9.6	-1.9		10.3	
22	551.1	1436.4	-0.1		3.2	10.3	-1.9		10.3	
22	550.8	1436.4	-0.2		3	9.8	-1.9		10.2	
22	550.5	1436.2	0.3		2.9	10.7	-2.1		10.2	
22	550.2	1436.2	0.5		2.5	10.1	-2.1		10	
22	549.9	1436.3	0.9		2.2	10.6	-2		9.7	
22	549.6	1435.7	1.5		1.7	10.6	-1.9		9.2	
22	549.3	1435.4	1.1		1.2	9.1	-1.7		8.6	
22	549	1435.2	1.9		1	9.5	-1.6		7.8	
22	548.7	1434.9	0.9		1	8.6	-1.6		7.6	
22	548.4	1434.8	1		0.9	8.2	-1.5		7.4	
22	548.1	1434.8	1		1	8.1	-1.4		7.4	
22	547.8	1435.1	1.1		1.1	8.2	-1.1		7.3	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
22	547.5	1435.5	1		1.2	8	-0.9		7.2	
22	547.2	1435.6	0.9		1.7	7.5	-0.9		7.3	
22	546.9	1435.6	1.4		2.1	8.1	-0.9		7.3	
22	546.6	1435.1	0.8		2	7.5	-1.1		7.4	
22	546.3	1434.7	-0.1		2.2	7.8	-1.4		7.8	
22	546	1434.5	0.6		2.3	8.7	-1.6		8	
22	545.7	1434.2	0.3		2.3	8.4	-2		8.1	
22	545.4	1434	-0.1		2.3	8.3	-2.5		8.2	
22	545.1	1434.1	-0.4		2.4	8.4	-2.9		8.4	
22	544.8	1433.9	-0.1		2.3	8.8	-3.3	-1714784	8.5	
22	544.5	1433.4	0.1		1.9	8.7	-3.6	-1700854	8.6	
22	544.2	1433.2	-0.5		1.9	8.5	-3.8	-1689872	8.7	
22	543.9	1432.9	-1		1.9	8.6	-3.8	-1681728	8.7	
22	543.6	1432.9	-1.1		2	8.4	-3.7	-1675001	8.7	
22	543.3	1433	-1		2.4	8.2	-3.5	-1668328	8.7	
22	543	1433.3	-1.4		2.7	7.9	-3.2	-1663027	8.8	
22	542.7	1433.6	-1.7		2.6	7.6	-2.8	-1653832	8.8	
22	542.4	1434.3	-1.7		3	7.6	-2.2	-1644738	8.9	
22	542.1	1434.7	-1.4	-0.4	3.2	8.1	-1.7	-1637022	9.1	
22	541.8	1435	-1.4	-0.8	3.4	8	-1.2	-1626846	9.3	
22	541.5	1434.9	-1.6	-0.2	3.2	8.5	-1	-1615549	9.5	
22	541.2	1434.7	-2.1	-1	2.8	8	-1	-1600727	9.6	
22	540.9	1434.1	-1.2	-0.2	2.1	9	-1.2	-1584974	9.6	
22	540.6	1433.7	-0.9	-0.4	1.6	9.2	-1.4	-1569529	9.6	
22	540.3	1433.4	-0.6	0.7	1.2	10	-1.6	-1559011	9.5	
22	540	1433.1	-0.7	-0.4	0.7	10.2	-1.9	-1553228	9.4	
22	539.7	1432.9	-0.8	0.1	0.8	9.2	-2.4	-1552077	9.2	
22	539.4	1432.5	0.2	0.8	0.5	10.3	-2.7	-1556692	9.1	
22	539.1	1432.5	-0.2	0	0.6	9.8	-2.7	-1564837	8.9	
22	538.8	1432.8	0.2	0.5	0.8	10.2	-2.4	-1576620	8.5	
22	538.5	1433.3	-0.2	-0.1	1.4	9.2	-2	-1589788	8.3	
22	538.2	1433.7	0.4	0.6	1.6	9.5	-1.5	-1600727	8.2	
22	537.9	1434	-0.6	-0.9	2	8.3	-1.2	-1608104	8.2	
22	537.6	1434.3	-1.3	-1.8	2.3	7.8	-1.2	-1610578	8.2	
22	537.3	1434.4	-0.1	-1	2.4	9	-1.2	-1606870	8.2	
22	537	1434.5	-0.5	-2	2.6	8.3	-1.2	-1598283	8.2	
22	536.7	1434.4	-0.6	-1.7	2.4	8.8	-1.2	-1584974	8.2	
22	536.4	1434.1	-0.8	-2.7	2.2	8.2	-1.5	-1570706	8.2	
22	536.1	1433.7	-1	-1.9	1.7	8.5	-1.8	-1557851	8.2	
22	535.8	1433.5	-0.8	-1.8	1.4	8.2	-2	-1546345	8.2	
22	535.5	1433.1	-0.8	-1.8	1.2	8.4	-2.2	-1540656	8.3	
22	535.2	1433.3	-1.2	-2.3	1.3	8.8	-2.1	-1542927	8.4	
22	534.9	1433.5	-1	-2	1.5	8.4	-2	-1552077	8.5	
22	534.6	1433.7	-1.4	-2.3	1.6	8	-1.9	-1569529	8.5	
22	534.3	1433.9	-2.1	-3.5	2	8	-1.7	-1594632	9	
22	534	1434.1	-1.8	-2.6	2.1	8.9	-1.5	-1625583	9.5	
22	533.7	1434.3	-2.3	-2.2	2.5	8.4	-1.4	-1659074	9.7	
22	533.4	1434.5	-2.1	-2.7	2.9	8.5	-1.4	-1695345	9.8	
22	533.1	1434.2	-1.2	-1.5	2.8	9.7	-1.4	-1730373	9.9	
22	532.8	1433.9	-1.8	-1.7	2.7	9	-1.6	-1762417	10	
22	532.5	1433.6	-1.6	-1.2	2.4	9.2	-1.9	-1789531	10	
22	532.2	1433.5	-1.3	-1.2	2.4	9.6	-2.2	-1806515	10	
22	531.9	1432.8	-1.6	-1.7	1.8	9.2	-2.7	-1815916	9.9	
22	531.6	1432.9	-1.5	-1	1.7	9.3	-2.8	-1819071	9.7	
22	531.3	1432.7	-0.9	0.1	1.4	9.7	-3.1	-1820653	9.3	
22	531	1432.6	-0.7	0.4	1.3	9.5	-3.2	-1822238	8.9	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
22	530.7	1432.4	-1.2	-0.2	1.2	8.3	-3.2	-1827008	8.6	
22	530.4	1432.3	-0.5	0.9	1.2	8.4	-3	-1833407	8.4	
22	530.1	1432.6	-0.7	1	1.4	7.9	-2.6	-1839851	8.3	
22	529.8	1433	-0.3	1.4	1.4	8.4	-2.1	-1846341	8.2	
22	529.5	1433.5	0.3	1.7	1.8	8.6	-1.5	-1857809	8.1	
22	529.2	1433.9	-0.3	1.1	1.9	8.4	-1	-1871091	8.2	
22	528.9	1434.4	-0.3	1.3	2.2	8	-0.6	-1882870	8.4	
22	528.6	1434.5	-0.5	1.6	2.4	8	-0.5	-1887963	8.4	
22	528.3	1434.6	-0.6	0.6	2.7	8.4	-0.6	-1884564	8.5	
22	528	1434.4	0.9	1.8	2.6	9.4	-0.8	-1872765	8.5	
22	527.7	1434.1	1	1.6	2.2	9.8	-0.9	-1857809	8.6	
22	527.4	1433.9	0.4	1.1	1.8	8.8	-1.2	-1844715	8.6	
22	527.1	1433.5	1.1	1.9	1.3	9.5	-1.6	-1833407	8.6	
22	526.8	1433.2	0.6	0.4	1	9.2	-2	-1823825	8.6	
22	526.5	1432.8	1.1	1.3	0.6	9.8	-2.3	-1817492	8.6	
22	526.2	1432.6	0.6	0.4	0.4	9.5	-2.5	-1815916	8.6	
22	525.9	1432.6	0.3	0.5	0.4	9	-2.6	-1819071	8.6	
22	525.6	1432.8	0.6	0.2	0.6	8.4	-2.5	-1822238	8.6	
22	525.3	1433.1	0.4	1	1	8.5	-2.3	-1827008	8.6	
22	525	1433.5	0.7	2	1.5	9	-2.1	-1827008	8.6	
22	524.7	1434.1	0.1	0.2	2.1	8.2	-1.8	-1825415	8.6	
22	524.4	1434.4	0.3	0.8	2.4	8.8	-1.5	-1822238	8.6	
22	524.1	1434.7	0.1	0.7	2.6	8.4	-1.3	-1814342	8.6	
22	523.8	1434.9	0	0.8	2.6	8.4	-1.2	-1803403	8.7	
22	523.5	1435.1	0.4	1.4	2.6	8.9	-1	-1792595	8.7	
22	523.2	1435	0.8	1.6	2.3	9.4	-1	-1783434	8.7	
22	522.9	1434.8	0	0.8	2	8.4	-1	-1775870	8.9	
22	522.6	1434.4	0.2	1.4	1.5	8.8	-1	-1774365	9	
22	522.3	1434.1	-0.1	0.9	1.2	8.8	-1.1	-1778888	9	
22	522	1433.9	-0.3	1.1	0.9	8.7	-1.1	-1789531	9	
22	521.7	1434.1	-0.4	1.7	0.8	8.9	-1	-1811203	9.1	
22	521.4	1434.4	0	1.8	0.9	9.1	-0.9	-1836624	9	
22	521.1	1434.4	0.1	2.4	0.9	8.8	-0.9	-1871091	9.1	
22	520.8	1434.6	-0.3	1.8	1.2	8.3	-0.9	-1910357	9	
22	520.5	1434.5	0.6	1.8	1.3	9.5	-1	-1951306	9	
22	520.2	1434.3	0.2	2	1.6	9.3	-1.2	-1994048	9	
22	519.9	1433.9	0	1.6	1.6	9.4	-1.5	-2032768	9	
22	519.6	1433.8	-0.3	1	1.8	8.9	-1.7	-2066881	9	
22	519.3	1433.8	-0.4	1.2	1.8	9.2	-1.9	-2087488	9	
22	519	1433.9	-0.2	1.3	1.7	9.2	-2	-2095847	8.9	
22	518.7	1433.8	0.4	1.3	1.6	9.6	-2.1	-2095847	8.8	
22	518.4	1433.7	0	0.7	1.5	9.4	-2.2	-2097947	8.8	
22	518.1	1433.5	0.2	1.4	1.3	9.2	-2.2	-2104272	8.8	
22	517.8	1433.4	-0.4	0.1	1.1	9	-2.1	-2114900	8.8	
22	517.5	1433.5	-0.6	0.1	1.4	8.6	-2	-2127795	8.8	
22	517.2	1433.5	-0.1	0.2	1.4	8.9	-1.9	-2151851	8.8	
22	516.9	1433.7	-0.7	-1	1.6	8.5	-1.8	-2192409	8.8	
22	516.6	1434	-0.9	-0.6	1.6	8.3	-1.6	-2248927	8.8	
22	516.3	1434.2	-0.9	-0.6	1.9	7.8	-1.6	-2318661	8.8	
22	516	1434.3	-0.9	-0.4	2	7.8	-1.6	-2390126	8.8	
22	515.7	1434.4	-0.9	-0.3	2.3	7.8	-1.8	-2457454	8.8	
22	515.4	1434.5	-1.4	-2.3	2.6	7.6	-1.9	-2510492	8.8	
22	515.1	1434.4	-0.7	-1.7	2.6	8.7	-2.1	-2544047	8.8	
22	514.8	1434.3	-0.1	-0.5	2.4	9.2	-2.1	-2553354	8.8	
22	514.5	1434.1	-0.3	-1.4	2	9.3	-2.1	-2531742	8.9	
22	514.2	1434.1	-0.6	-1.2	1.9	9.5	-2.2	-2486640	9.3	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
22	513.9	1434	-0.3	-1.4	1.6	10.2	-2.2	-2426130	9.5	
22	513.6	1434.2	0.2	-0.4	1.4	11	-2.1	-2365820	9.5	
22	513.3	1434.2	0.1	-0.2	1.1	10.8	-2	-2310983	9.6	
22	513	1434.2	0.1	-0.5	0.8	10.9	-1.9	-2273345	9.6	
22	512.7	1434.3	-0.6	-1	0.7	10	-1.7	-2256197	9.6	
22	512.4	1434.5	-0.8	-1.5	0.9	9.2	-1.6	-2258631	9.5	
22	512.1	1434.7	-0.7	-0.8	1.3	9.8	-1.5	-2280774	9.4	
22	511.8	1434.9	-0.6	-0.9	1.6	10	-1.3	-2321231	9.2	
22	511.5	1435	-1.1	-1.2	1.8	9	-1.2	-2373867	9	
22	511.2	1435.5	-1.6	-1.6	2	8.2	-1	-2431766	9	
22	510.9	1435.8	-1.3	-1.7	1.9	8.3	-0.9	-2492560	8.9	
22	510.6	1436.1	-0.9	-1.7	2.1	8.8	-0.9	-2553354	8.8	
22	510.3	1436.3	-1.4	-1.4	2.1	9	-0.7	-2613921	8.8	
22	510	1436	-0.8	-1	1.6	9.5	-0.6	-2663805	8.7	
22	509.7	1435.6	-1.8	-1.7	0.7	8.6	-0.4	-2708603	8.7	
22	509.4	1435.1	-2.2	-1.9	0.2	8.1	-0.5	-2747704	8.8	
22	509.1	1434.9	-1.9	-1.5	-0.1	8.7	-0.6	-2784243	8.8	
22	508.8	1434.9	-1.9	-1.9	-0.4	9.4	-0.6	-2810403	8.8	
22	508.5	1435.3	-1.5	-1.6	-0.3	9.6	-0.4	-2829392	8.9	
22	508.2	1435.6	-1.8	-1.5	-0.2	9	-0.3	-2840910	9	
22	507.9	1435.6	-2.5	-3.1	-0.2	8.9	-0.3	-2844770	9.4	
22	507.6	1435.6	-2.4	-2.6	0.2	9	-0.3	-2848640	9.8	
22	507.3	1435.8	-2.7	-2.7	0.5	9.9	-0.1	-2848640	10.2	
22	507	1436	-2.4	-2.1	1	9.8	0.2	-2848640	10.3	
22	506.7	1436.1	-2.5	-2.1	1.2	9.3	0.4	-2844770	10.4	
22	506.4	1436.2	-3.4	-3.2	1.2	8.4	0.5	-2840910	10.4	
22	506.1	1436.2	-3.2	-3.6	1.2	8.3	0.2	-2844770	10.4	
22	505.8	1436.2	-2.7	-2.7	1.3	9.6	-0.2	-2856413	10.3	
22	505.5	1435.8	-2.5	-2.7	1.2	10.2	-0.7	-2887932	10.2	
22	505.2	1435.4	-2.4	-2	1.1	10.2	-1.2	-2932424	10.1	
22	504.9	1435.2	-2.9	-2.3	1.3	9.4	-1.8	-2995351	9.9	
22	504.6	1434.5	-1.6	-1.5	1.2	10.9	-2.5	-3074523	9.7	
22	504.3	1434.1	-0.9	-0.2	1.2	11	-3	-3172349	9.4	
22	504	1434	-0.8	0.1	1.4	11.8	-3.4	-3292060	9.2	
22	503.7	1434.2	-0.7	0.2	1.6	11.2	-3.4	-3421161	9.1	
22	503.4	1434.5	-2.2	-1.3	1.5	9.9	-3.1	-3554754	9.1	
22	503.1	1434.9	-2.4	-1.5	1.3	9.5	-2.5	-3679702	9.1	
22	502.8	1435.4	-2.5	-1.1	1.2	8.8	-1.7	-3786167	9.1	
22	502.5	1435.6	-2	-1.3	0.8	9.8	-0.9	-3877315	9.1	
22	502.2	1435.7	-3.2	-3.1	0.6	7.6	-0.2	-3957940	9.2	
22	501.9	1435.7	-2.4	-2.1	0.2	7.9	0.5	-4026443	9.3	
22	501.6	1435.9	-3.4	-2.8	0.1	6.8	1	-4057655	9.4	
22	501.3	1435.9	-2.3	-2	-0.2	8.1	1.2	-4073444	9.4	
22	501	1436.1	-3.2	-3.4	-0.3	7.7	1.2	-4065534	9.6	
22	500.7	1436.3	-3.1	-3.2	-0.2	7.8	1.1	-4041989	9.8	
22	500.4	1436.3	-2	-2.1	-0.4	9.3	0.9	-4018714	9.9	
22	500.1	1436.2	-2.4	-1.8	0	8	0.3	-3980514	10	
22	499.8	1436	-1.7	-0.9	0.2	9.7	-0.2	-3943032	10.1	
22	499.5	1435.8	-1.1	-0.4	0.4	10.2	-0.6	-3898976	10.1	
22	499.2	1435.6	-0.9	-0.3	0.3	10.9	-0.9	-3870148	10.1	
22	498.9	1435.7	-1.3	-0.2	0.8	9.4	-1.3	-3855894	10	
22	498.6	1435.8	-0.4	1.2	1.1	11.2	-1.6	-3855894	9.8	
22	498.3	1435.9	0.2	1.5	1.6	11	-1.9	-3855894	9.3	
22	498	1436.2	-0.3	0.6	2.1	9.4	-2.1	-3855894	9	
22	497.7	1436.3	1.2	2.6	2	10.6	-2	-3863008	8.8	
22	497.4	1436.3	0.6	1.4	2	9.8	-2	-3884509	8.7	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
22	497.1	1436.4	0.1	1.9	2	9.2	-1.9	-3891729	8.6	
22	496.8	1436.5	0.1	2.3	2.3	8.7	-1.9	-3877315	8.3	
22	496.5	1436.5	1	2.9	2.1	9.6	-1.7	-3848806	8.2	
22	496.2	1436.4	-0.4	1.5	1.8	8	-1.5	-3813753	8	
22	495.9	1436.1	0.2	1.7	1.4	8.6	-1.3	-3799910	7.8	
22	495.6	1436.1	0.5	2.3	1.1	9.4	-1	-3799910	7.4	
22	495.3	1436.5	1.2	3.7	1.3	8.2	-0.8	-3834707	6.5	
22	495	1436.6	0.8	3.2	1.3	7.2	-0.6	-3906250	6.2	
22	494.7	1436.7	0	2.7	1	7.3	-0.3	-4011016	6.1	
22	494.4	1436.7	0.3	2.7	0.6	7.3	0	-4162525	6.1	
22	494.1	1436.6	0.5	3	0.3	7.1	0.2	-4352911	6.2	
22	493.8	1436.4	-0.4	3	0.2	6.9	0.2	-4581510	6.3	
22	493.5	1436.2	-1.4	1.8	0.2	5.9	0.2	-4813219	6.8	
22	493.2	1435.9	-2.8	-0.1	0.2	6.7	0	-5057367	8.4	
22	492.9	1435.7	-2.3	0.2	0.1	7.2	-0.3	-5287248	9.1	
22	492.6	1435.6	-1	1.4	0.1	9.2	-0.4	-5424223	9.9	
22	492.3	1435.6	-2.5	0.4	0.2	8.5	-0.5	-5466710	10.6	
22	492	1435.6	-1.9	-0.3	0.4	9.6	-0.6	-5452474	10.9	
22	491.7	1435.6	-1.7	-0.8	1	9.8	-0.9	-5382391	11.1	
22	491.4	1435.7	-1.7	-0.9	1.4	10.6	-1	-5260679	11.1	
22	491.1	1435.5	-1.2	-0.5	1.5	11.2	-1.1	-5119193	11.1	
22	490.8	1435.3	-2.7	-0.5	1.5	10.4	-1.2	-4949764	11.1	
22	490.5	1435.3	-1.9	0.5	1.5	11	-1.2	-4769363	11	
22	490.2	1435.3	-1.3	1.2	1.4	10.5	-1.2	-4581510	10.8	
22	489.9	1435.2	-0.7	1.3	0.9	11.8	-1.1	-4407895	10.6	
22	489.6	1434.9	-1.4	1.8	0.5	10	-1	-4229798	10.3	
22	489.3	1434.4	-1.3	1.1	-0.1	9.8	-0.9	-4057655	10	
22	489	1434.2	-2	1.4	-0.5	9.2	-0.8	-3891729	9.9	
22	488.7	1434.1	-1.1	1.2	-0.7	9.6	-0.6	-3752241	9.7	
22	488.4	1434.2	-1.1	2.1	-0.7	10	-0.4	-3641305	9.5	
22	488.1	1434.4	-1.4	1.7	-0.4	8.9	-0.3	-3566866	9.3	
22	487.8	1434.6	-1	1	-0.1	9.1	-0.2	-3524832	9.1	
22	487.5	1435.2	-1.3	1.1	0.3	8.8	0	-3507119	9	
22	487.2	1435.3	-0.4	1.3	0.5	9.6	0	-3524832	8.8	
22	486.9	1435.3	-0.5	0.6	0.9	9	0	-3579060	8.8	
22	486.6	1435.3	-0.8	0.1	1	9.4	0	-3673246	8.7	
22	486.3	1435.3	-0.8	0.5	1.1	8.4	0	-3793026	8.7	
22	486	1435.3	-0.5	-0.1	1.1	9.1	0	-3943032	8.7	
22	485.7	1434.9	0	-0.2	0.7	9.2	-0.2	-4113458	8.7	
22	485.4	1434.6	-0.7	-0.4	0.3	9.4	-0.2	-4290472	9.1	
22	485.1	1434.5	-1.5	-2.7	-0.1	9.6	-0.2	-4473825	9.4	
22	484.8	1434.7	-1	-1.6	0.1	9.3	-0.4	-4632191	9.6	
22	484.5	1434.5	0	-0.1	-0.1	10.2	-0.6	-4747733	9.7	
22	484.2	1434.4	-0.9	-1	-0.1	10	-0.8	-4780251	9.9	
22	483.9	1434.3	0	-1	0	11.2	-1	-4747733	10	
22	483.6	1434.2	-0.7	-0.3	0	10.6	-1.2	-4663141	10	
22	483.3	1434.3	0.3	0.1	0.2	11	-1	-4541757	9.9	
22	483	1434.4	-0.9	-1.4	0.3	10	-0.7	-4407895	9.9	
22	482.7	1434.5	-2	-3.2	0.8	9.5	-0.7	-4281698	9.9	
22	482.4	1434.7	-0.9	-1.7	1	10.4	-0.6	-4154266	9.8	
22	482.1	1435	-0.5	-0.5	1.6	10.2	-0.3	-4041989	9.7	
22	481.8	1435.3	-1.1	-1.4	1.9	9.6	0	-3943032	9.6	
22	481.5	1435.4	-1.5	-2	2	8.7	0.1	-3891729	9.4	
22	481.2	1435.5	-2.1	-1.7	2.2	7.9	0.1	-3863008	9	
22	480.9	1435.3	-1.6	-0.2	2.1	7.2	-0.2	-3855894	8.5	
22	480.6	1435	-1.4	1.4	1.9	7.7	-0.5	-3855894	8	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
22	480.3	1434.4	-1.7	0.6	1.5	7.5	-0.9	-3870148	7.7	
22	480	1433.8	-2	-1	1.3	6.3	-1.5	-3884509	7.6	
22	479.7	1433	-1.9	0.6	0.8	6.3	-2.2	-3891729	7.6	
22	479.4	1432.5	-1.2	0.7	0.4	7.1	-2.7	-3884509	7.6	
22	479.1	1432.2	-1.6	0.1	0.2	7.3	-3.1	-3863008	7.7	
22	478.8	1432.2	-1.4	0.3	0.1	7.8	-3.3	-3834707	8	
22	478.5	1432.6	-1	0.2	0.5	8.6	-3.3	-3779333	8.4	
22	478.2	1432.8	-1.3	1.4	0.5	8.6	-3.1	-3705753	9	
22	477.9	1433.1	-1	0.9	0.8	9.8	-2.8	-3628683	9.5	
22	477.6	1433.4	-0.4	0.9	0.8	10.9	-2.3	-3554754	9.7	
22	477.3	1433.8	-0.6	0.1	1.1	10.7	-1.7	-3472223	9.8	
22	477	1434.3	-0.2	1.2	1.1	11	-1	-3387945	9.8	
22	476.7	1434.8	-0.9	0.4	1.4	9.9	-0.4	-3307662	9.6	
22	476.4	1435.2	-0.3	1.7	1.4	10.2	0.1	-3226118	9.2	
22	476.1	1435.6	-0.8	0.3	1.4	9.4	0.6	-3153238	9	
22	475.8	1435.8	-0.4	0.7	1.2	9.6	0.9	-3088127	8.8	
22	475.5	1435.9	-0.9	0.5	1.2	8.7	1.1	-3043242	8.8	
22	475.2	1436	-1.1	-0.1	1.1	8.3	1.2	-3008262	8.7	
22	474.9	1435.9	-1	0.3	1	8.7	1	-2986805	8.7	
22	474.6	1435.9	-1.5	-1.1	0.9	7.7	0.8	-2982550	8.7	
22	474.3	1435.5	-0.8	-0.3	0.7	9	0.3	-2999642	8.7	
22	474	1435.2	-1.1	-0.3	0.3	8.2	-0.1	-3034421	9	
22	473.7	1434.7	-1.3	-0.5	-0.1	9	-0.6	-3088127	9.2	
22	473.4	1434.5	-1.2	-0.7	0	8.7	-1	-3157994	9.3	
22	473.1	1434.2	-0.6	-0.6	0	9.6	-1.4	-3221154	9.3	
22	472.8	1434	-0.9	-0.2	0	9.2	-1.7	-3266381	9.3	
22	472.5	1433.9	-1.4	0.1	0	9	-1.9	-3302445	9.3	
22	472.2	1434	-0.8	0.2	0.1	10	-1.9	-3318146	9.3	
22	471.9	1434.3	-1.2	-1.2	0.6	8.9	-1.9	-3307662	9.3	
22	471.6	1434.8	-0.3	0.6	1	10	-1.6	-3271485	9.3	
22	471.3	1435.1	-1.4	-1.4	1.5	9	-1.4	-3226118	9.3	
22	471	1435.3	-0.8	-0.1	1.7	9.8	-1.2	-3177163	9.3	
22	470.7	1435.3	-0.9	-1.2	2	9.2	-1.2	-3148497	9.3	
22	470.4	1435.5	-0.6	0.3	2.1	9.8	-1	-3139056	9.3	
22	470.1	1435.6	-1.1	0.9	2.2	9.2	-1	-3153238	9.3	
22	469.8	1435.8	-1.4	-0.5	2.3	8.6	-1	-3196565	9.3	
22	469.5	1435.7	-0.8	-0.3	2.1	9.8	-1.1	-3266381	9.3	
22	469.2	1435.6	-0.9	0.2	1.7	8.8	-1.2	-3355369	9.3	
22	468.9	1435.3	-0.8	0.7	1.4	9.5	-1.2	-3460744	9.3	
22	468.6	1435.1	-1.5	0.6	1.3	8.4	-1.4	-3585189	9.2	
22	468.3	1434.9	-1	0.6	1.2	9.5	-1.5	-3705753	9.2	
22	468	1434.8	-1.2	0.2	1	8.8	-1.5	-3820712	9.1	
22	467.7	1435	-0.6	1.1	1.2	9.6	-1.4	-3928237	9	
22	467.4	1435	-0.6	1.4	1.1	9.2	-1.4	-4011016	9	
22	467.1	1435.1	-1.4	0.5	1.3	8.6	-1.5	-4081384	9	
22	466.8	1435.3	-0.5	0.7	1.5	9.3	-1.5	-4137846	9	
22	466.5	1435.2	-0.6	1	1.5	9.2	-1.6	-4146040	8.9	
22	466.2	1435.1	-0.5	0.9	1.3	9.8	-1.5	-4113458	9	
22	465.9	1435.1	-1.7	-0.7	1.2	8.6	-1.4	-4026443	9.1	
22	465.6	1435	-1.1	0.2	0.8	9.6	-1.2	-3891729	9.1	
22	465.3	1434.9	-1.3	-0.3	0.2	8.9	-1	-3725534	9.1	
22	465	1434.9	-0.1	0.3	-0.3	9.9	-0.7	-3536740	9	
22	464.7	1434.9	-1.1	-0.5	-0.5	8.8	-0.5	-3355369	9	
22	464.4	1435.1	-0.7	-0.5	-0.6	9	-0.2	-3172349	9	
22	464.1	1435.3	-1	-0.1	-0.6	9	0	-3016931	8.9	
22	463.8	1435.5	-1	-0.7	-0.4	8.4	0.2	-2879987	8.9	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
22	463.5	1435.7	-1.3	-0.5	-0.3	8.9	0.3	-2773179	8.8	
22	463.2	1436.1	-1.9	-1.5	0.3	7.8	0.3	-2691196	8.8	
22	462.9	1436.4	-1.6	-0.7	0.8	8.8	0.2	-2636965	8.8	
22	462.6	1436.7	-1.4	-0.3	1.3	7.9	0	-2604167	8.8	
22	462.3	1436.7	-0.5	0.5	1.7	9.3	-0.3	-2594486	8.8	
22	462	1436.6	-0.9	0.6	2.2	8.3	-0.5	-2604167	8.8	
22	461.7	1436.6	-1.6	-0.8	2.5	8.3	-0.7	-2627039	8.8	
22	461.4	1436.3	-0.4	0.7	2.5	9	-0.8	-2650317	8.7	
22	461.1	1436.2	-1.1	0.2	2.6	8.4	-0.9	-2667198	8.7	
22	460.8	1436	-0.7	0.5	2.4	9.3	-0.8	-2680858	8.8	
22	460.5	1435.9	-1.9	-1.3	2.2	7.8	-0.7	-2691196	8.8	
22	460.2	1435.8	-0.8	0.1	1.8	9.2	-0.6	-2694660	8.8	
22	459.9	1435.6	-0.9	0.5	1.6	8.5	-0.6	-2694660	8.8	
22	459.6	1434.8	-0.1	0.7	0.9	9.3	-0.8	-2691196	8.8	
22	459.3	1434.2	-1.2	0	0.2	9	-1	-2687741	8.9	
22	459	1433.7	-0.5	-0.2	0	9.3	-1.2	-2694660	8.9	
22	458.7	1433.4	-0.2	1.2	-0.3	9.8	-1.2	-2715630	8.8	
22	458.4	1432.8	-0.4	0.4	-0.6	9.4	-1.4	-2765853	8.8	
22	458.1	1432.5	-0.2	0.7	-0.6	10.1	-1.4	-2837060	8.9	
22	457.8	1432.5	-1	-0.4	-0.5	8.9	-1.3	-2920154	9	
22	457.5	1432.5	-0.7	0.4	-0.5	9.6	-1.2	-3003946	9.1	
22	457.2	1432.8	-0.3	1.1	-0.2	9.5	-0.8	-3083579	9.3	
22	456.9	1433.3	-0.9	-0.1	0.1	9.8	-0.3	-3162765	9.8	
22	456.6	1433.5	-1.4	-0.5	0.6	8.8	-0.3	-3236090	10.2	
22	456.3	1433.5	-1.3	-0.5	0.9	9.4	-0.3	-3302445	10.4	
22	456	1433.5	-1.4	0.1	1.3	9.4	-0.5	-3344649	10.5	
22	455.7	1433.2	-0.9	0.1	1.7	9.8	-0.9	-3355369	10.5	
22	455.4	1432.9	-1	0.2	1.8	9.9	-1.3	-3344649	10.5	
22	455.1	1432.9	-1.4	-0.8	2.3	9.4	-1.8	-3318146	10.3	
22	454.8	1432.9	-0.8	-0.2	2.5	10	-2.2	-3292060	10.1	
22	454.5	1432.8	-0.7	0.7	2.7	9.6	-2.8	-3256221	9.6	
22	454.2	1432.8	0.6	1.1	2.7	11	-3.1	-3211273	9.2	
22	453.9	1432.5	-0.3	0.3	2.6	9.5	-3.4	-3153238	9	
22	453.6	1432.5	-0.1	0.4	2.5	10	-3.4	-3088127	8.8	
22	453.3	1432.4	-0.3	1.4	2.2	9.1	-3.3	-3021285	8.5	
22	453	1432.3	0.3	1.4	1.8	9	-3	-2961457	8.2	
22	452.7	1432.2	-0.3	1	1.4	8	-2.7	-2912031	8	
22	452.4	1432.4	-1.1	-1	1.1	7.6	-2.2	-2872086	8	
22	452.1	1432.6	-0.5	0.6	0.7	8.2	-1.6	-2844770	7.9	
22	451.8	1432.9	-1	-0.3	0.7	6.7	-1.2	-2829392	7.9	
22	451.5	1433.2	-0.3	0.7	0.7	8.2	-0.9	-2829392	8	
22	451.2	1433.3	-1.1	-0.1	0.6	7.1	-0.9	-2848640	8.2	
22	450.9	1433.8	-0.9	0.4	0.8	8	-0.8	-2887932	8.2	
22	450.6	1434.1	0.1	2	1	8.5	-0.9	-2932424	8.3	
22	450.3	1434.2	0.8	2.4	1.1	9.4	-0.9	-2969859	8.4	
22	450	1434.2	-0.5	0.9	1	8.8	-1	-2995351	8.6	
22	449.7	1434.2	-0.9	-0.4	1.1	8.8	-1.1	-3016931	8.8	
22	449.4	1434.1	-0.2	0.7	1.1	9.6	-1.2	-3047672	8.9	
22	449.1	1434.3	-0.6	1	1.1	8.8	-1	-3088127	9	
22	448.8	1434.7	0.1	0.5	1.2	10.2	-0.6	-3129672	9.1	
22	448.5	1435.2	-1.2	-0.1	1	9.2	0	-3167550	9.4	
22	448.2	1435.7	-0.5	0.2	1.2	9.6	0.4	-3211273	9.4	
22	447.9	1435.9	-0.1	1.8	1.2	9.4	0.6	-3256221	9.5	
22	447.6	1435.9	-0.2	0.6	1.2	10.2	0.6	-3292060	9.9	
22	447.3	1435.7	-1.2	-0.3	1.1	9.4	0.4	-3323413	10.3	
22	447	1435.5	-0.9	-0.8	1.3	9.6	0.2	-3323413	10.4	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
22	446.7	1435.2	-0.5	0.7	1.2	10.2	0	-3286892	10.5	
22	446.4	1434.9	-0.9	-0.4	1.2	9.8	-0.3	-3236090	10.6	
22	446.1	1434.6	-1.1	-0.9	1	10.2	-0.7	-3172349	10.8	
22	445.8	1434.1	-1.6	-1.2	1	9.9	-1.2	-3101852	11.1	
22	445.5	1434	-0.7	-0.5	1	10.8	-1.4	-3034421	11.2	
22	445.2	1434	-0.5	0.5	1	10.6	-1.5	-2969859	11.2	
22	444.9	1434.1	0.4	1.1	0.9	12	-1.2	-2920154	11.1	
22	444.6	1433.9	0.1	0.4	0.8	11.3	-1.2	-2887932	10.9	
22	444.3	1433.7	0.3	1.2	0.6	10.9	-1.1	-2883954	10.4	
22	444	1433.4	-0.2	1.2	0.5	10.1	-1.2	-2899931	9.9	
22	443.7	1433.3	0.2	1.5	0.4	9.7	-1.2	-2940661	9.5	
22	443.4	1433	-0.3	1.1	0.2	9.3	-1.2	-3003946	9.3	
22	443.1	1433	-0.5	0.4	-0.1	8.5	-1.1	-3088127	8.7	
22	442.8	1433.1	0.5	1.5	-0.2	9.1	-1	-3186835	8.2	
22	442.5	1433.1	0.3	1.7	-0.2	7.6	-1	-3302445	7.7	
22	442.2	1433.1	0.3	1.1	-0.2	7.8	-1	-3415580	7.6	
22	441.9	1433.2	0.1	0.8	-0.2	7.5	-0.9	-3518908	7.6	
22	441.6	1433.4	0.1	-0.5	-0.2	8.2	-0.7	-3616149	7.5	
22	441.3	1433.7	1.1	1.4	-0.3	9.2	-0.3	-3712323	7.5	
22	441	1434	1	1.1	-0.3	8.6	0.1	-3806819	7.4	
22	440.7	1434.4	0.2	0.5	-0.2	7.6	0.3	-3884509	7.5	
22	440.4	1434.5	-0.3	-0.6	-0.1	7.5	0.2	-3957940	7.5	
22	440.1	1434.6	0.3	0.6	0.1	8.4	0	-4011016	7.6	
22	439.8	1434.7	0.1	1.2	0.2	7.9	-0.1	-4049807	7.6	
22	439.5	1434.9	0.2	0.7	0.4	8.2	-0.1	-4073444	7.7	
22	439.2	1435.2	-1	0	0.6	7.3	-0.1	-4089356	8	
22	438.9	1435.3	-1.3	-1	0.9	7	-0.3	-4073444	8.2	
22	438.6	1435.5	-0.1	1	1.2	8.2	-0.4	-4018714	8.3	
22	438.3	1435.6	0.6	1.5	1.3	9.1	-0.5	-3913552	8.4	
22	438	1435.8	-1.1	-1.2	1.8	7.9	-0.5	-3786167	9	
22	437.7	1435.9	-1.3	-2.1	2.1	7.9	-0.6	-3666813	9.2	
22	437.4	1436	-0.6	-0.1	2.2	8.8	-0.6	-3560800	9.3	
22	437.1	1436	-0.8	0.1	2.3	8.4	-0.8	-3477990	9.3	
22	436.8	1435.9	-0.7	-0.5	2.2	9	-1	-3415580	9.3	
22	436.5	1435.7	-1.3	-0.7	2.2	8.5	-1.3	-3366158	9.2	
22	436.2	1435.5	-0.9	-1	2.2	8.5	-1.6	-3333997	9	
22	435.9	1435.1	-0.4	0.8	2	8.1	-2	-3323413	8.8	
22	435.6	1434.6	0.3	0.8	1.8	9.6	-2.4	-3339315	8.7	
22	435.3	1434.2	-0.2	-0.1	1.8	9.2	-2.8	-3366158	8.7	
22	435	1434.1	-0.3	-0.1	1.9	8.6	-3	-3398945	8.7	
22	434.7	1434.1	0	1.2	2	9.4	-3	-3415580	8.7	
22	434.4	1434.2	0.1	1	2	9.2	-2.9	-3432378	8.7	
22	434.1	1434.3	0.2	0.7	1.9	9.8	-2.7	-3443668	8.9	
22	433.8	1434.4	-0.7	0.2	1.8	8.8	-2.4	-3455033	9.1	
22	433.5	1434.6	0	1.1	1.7	9.9	-1.9	-3455033	9.2	
22	433.2	1434.5	0	1.6	1.4	9.5	-1.4	-3455033	9.3	
22	432.9	1434.4	0	0.7	0.9	9.8	-0.9	-3432378	9.4	
22	432.6	1434.3	0.3	0.8	0.5	10	-0.4	-3398945	9.4	
22	432.3	1434.2	-0.6	-1	0.2	9.2	-0.1	-3355369	9.5	
22	432	1434.3	-0.1	-0.2	0	10.2	0.2	-3307662	9.6	
22	431.7	1434.5	0	-0.3	-0.1	9.7	0.4	-3246125	9.6	
22	431.4	1434.5	0.1	0.3	-0.3	10.3	0.6	-3172349	9.6	
22	431.1	1434.6	-0.9	-1.1	-0.2	8.6	0.5	-3079045	9.6	
22	430.8	1434.5	-0.7	-0.4	-0.1	9.3	0.3	-2974077	9.6	
22	430.5	1434.5	-0.6	-0.1	0.1	9.3	0.1	-2872086	9.6	
22	430.2	1434.3	-0.3	-0.8	0	9.5	-0.2	-2784243	9.6	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
22	429.9	1434.1	-0.6	-0.9	0.1	9.4	-0.5	-2712112	9.6	
22	429.6	1434	-1.5	-1.8	0.2	8.6	-0.8	-2650317	9.6	
22	429.3	1434.2	-0.4	-0.5	0.4	9.5	-1	-2597705	9.6	
22	429	1434.1	-0.4	-0.5	0.5	9.2	-1.2	-2550244	9.5	
22	428.7	1434	0.2	-0.9	0.5	10.2	-1.3	-2510492	9.5	
22	428.4	1434.1	-0.8	-1.8	0.7	9.3	-1.4	-2474882	9.5	
22	428.1	1434.3	-0.5	-0.7	0.9	9.8	-1.4	-2440269	9.5	
22	427.8	1434.6	-0.7	-0.4	1.2	9.3	-1.2	-2406610	9.4	
22	427.5	1434.7	-0.2	-0.5	1.3	10	-1.1	-2373867	9.3	
22	427.2	1434.8	-0.9	-1	1.3	10	-1	-2344626	9.2	
22	426.9	1435	-0.6	-0.8	1.3	9.8	-0.9	-2321231	9	
22	426.6	1435	-0.3	0.7	1.4	10	-0.9	-2305893	8.7	
22	426.3	1435	0	1.3	1.5	9.8	-0.9	-2295779	8.5	
22	426	1435	-0.5	-0.4	1.6	9.4	-0.9	-2290756	8.4	
22	425.7	1435	-1	-1.6	1.4	8.6	-0.9	-2295779	8.4	
22	425.4	1435	-0.9	0.2	1.4	8.9	-0.9	-2313537	8.5	
22	425.1	1435	-1.3	0	1.3	7.8	-0.9	-2344626	8.7	
22	424.8	1435	-2	-1.4	1.3	7.9	-0.9	-2384682	9.4	
22	424.5	1435	-2.5	-1.7	1.3	7.7	-0.9	-2428945	10	
22	424.2	1435	-2.7	-2	1.3	7.9	-0.9	-2483690	10.4	
22	423.9	1434.9	-2.7	-1.4	1.2	7.2	-1	-2547142	10.6	
22	423.6	1434.6	-2.2	-1.3	1.2	8.4	-1.2	-2623747	10.7	
22	423.3	1434.7	-2	-1.6	1.3	8.7	-1.2	-2708603	10.7	
22	423	1434.5	-1.8	-2.1	1.4	9	-1.5	-2787950	10.3	
22	422.7	1434.6	-0.5	-0.3	1.4	10	-1.6	-2852521	9.7	
22	422.4	1434.4	-0.1	0.2	1.2	10.4	-1.8	-2899931	9.2	
22	422.1	1434.3	0.2	0.2	1.1	10	-1.9	-2932424	8.6	
22	421.8	1434.3	0	-0.1	1.2	9.3	-2.1	-2944797	7.8	
22	421.5	1434.3	1.5	1.3	1.3	10.2	-2.2	-2936536	6.9	
22	421.2	1434.2	0.8	1.5	1.5	8.6	-2.3	-2907987	6.5	
22	420.9	1434.2	1	1	1.6	8.9	-2.3	-2868151	6.4	
22	420.6	1434.3	0	0	1.8	7.6	-2.2	-2825574	6.5	
22	420.3	1434.7	-0.2	-0.2	2.1	7	-2.1	-2784243	6.8	
22	420	1435	-0.7	-1	2.4	7.9	-2	-2747704	7.8	
22	419.7	1435.2	0.2	0.8	2.5	8.7	-1.9	-2715630	8.4	
22	419.4	1435.4	-0.3	-0.2	2.6	9.3	-1.7	-2691196	9.3	
22	419.1	1435.5	-0.8	-0.8	2.6	8.5	-1.6	-2674011	9.8	
22	418.8	1435.4	-0.4	-0.5	2.6	9.9	-1.6	-2667198	10.1	
22	418.5	1435.2	-0.9	0	2.5	9.6	-1.6	-2667198	10.3	
22	418.2	1434.9	-0.5	0.2	2.3	10.6	-1.7	-2674011	10.5	
22	417.9	1434.8	-0.3	0.3	2.1	10.9	-1.7	-2680858	10.6	
22	417.6	1434.8	-1.4	-1.1	2.1	10.4	-1.8	-2687741	10.6	
22	417.3	1434.8	-0.4	0.2	1.9	11	-1.7	-2698132	10.6	
22	417	1434.7	-0.6	0.9	1.7	10.8	-1.7	-2712112	10.5	
22	416.7	1434.6	-0.5	-0.1	1.4	11.2	-1.6	-2722692	10.5	
22	416.4	1434.5	-1.1	-0.7	1.4	10.4	-1.7	-2736929	10.3	
22	416.1	1434.4	-1.4	-1.6	1.1	11.1	-1.8	-2747704	10.1	
22	415.8	1434.3	-1.2	-0.4	1	9.9	-1.8	-2758564	9.7	
22	415.5	1434.2	-0.9	-0.4	0.8	10.5	-1.7	-2769511	9.5	
22	415.2	1434.1	-1.7	-1	0.8	9.5	-1.6	-2784243	9.2	
22	414.9	1434.1	-1.9	-1.7	0.8	9	-1.5	-2795394	8.8	
22	414.6	1434	-1.5	-0.6	0.7	9.2	-1.4	-2806636	8.4	
22	414.3	1434.2	-1.6	-1	0.5	8.8	-1	-2810403	8.2	
22	414	1434.3	-2	-1.7	0.4	8.4	-0.6	-2814181	8.3	
22	413.7	1434.9	-3.9	-3.9	0.6	7.4	0	-2821766	8.5	
22	413.4	1435.3	-2.2	-1.7	0.5	9.4	0.6	-2837060	8.6	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
22	413.1	1435.4	-3.4	-2.4	0.4	7.6	0.8	-2848640	8.7	
22	412.8	1435	-2.6	-1.7	0.1	9.2	0.8	-2872086	9	
22	412.5	1434.9	-3.9	-2.6	0	8.1	0.8	-2895920	9.4	
22	412.2	1434.8	-4.1	-2.1	0.1	8.7	0.7	-2928322	9.7	
22	411.9	1434.7	-3.9	-1.4	0	8.6	0.5	-2961457	9.8	
22	411.6	1434.4	-3	-0.3	0	9.5	0.2	-2999642	9.8	
22	411.3	1434.2	-4.2	-1.5	-0.3	9.6	-0.1	-3043242	10.1	
22	411	1434.2	-4.7	-2.5	-0.1	8	-0.5	-3092689	10.1	
22	410.7	1434.2	-3.6	-1.6	0	10	-0.8	-3148497	10.2	
22	410.4	1434.2	-3.9	-2.1	0.4	9.4	-1	-3206356	10.2	
22	410.1	1434	-3.3	-2.8	0.4	10.4	-1.2	-3261293	10.3	
22	409.8	1434	-4.6	-4.5	0.5	9.3	-1.4	-3318146	10.3	
22	409.5	1434.2	-3.9	-4.1	0.8	10.4	-1.5	-3387945	10.3	
22	409.2	1434.2	-3.4	-3.4	1	10.4	-1.5	-3466474	10.3	
22	408.9	1434.2	-3.4	-4.9	0.9	10.6	-1.4	-3554754	9.9	
22	408.6	1434.3	-3.1	-3.9	1	10.9	-1.3	-3666813	9.4	
22	408.3	1434.5	-3.4	-4.4	1.1	10.5	-1.2	-3786167	9	
22	408	1434.6	-3.5	-3.5	1.1	9.4	-1.2	-3906250	8.4	
22	407.7	1434.8	-2.9	-2.7	1	9.3	-1	-4034201	8	
22	407.4	1435	-3.1	-2.4	0.9	9.4	-0.8	-4162525	7.8	
22	407.1	1435.2	-4	-4.2	0.7	7.7	-0.6	-4281698	7.8	
22	406.8	1435.1	-4	-3.7	0.8	8	-0.6	-4389413	7.8	
22	406.5	1435.2	-4	-3.2	0.8	7.7	-0.5	-4464286	7.8	
22	406.2	1435	-4.4	-4	0.6	7.5	-0.6	-4531927	8.2	
22	405.9	1435.1	-6.2	-5.3	0.6	6.7	-0.6	-4591557	9.3	
22	405.6	1435.3	-5.1	-4.6	0.9	8.2	-0.6	-4642462	9.6	
22	405.3	1435.7	-5	-4.7	1.1	8.2	-0.5	-4673549	9.8	
22	405	1435.8	-4.7	-3.3	1.3	8.5	-0.6	-4694507	9.6	
22	404.7	1435.9	-3.9	-3.5	1.4	9.8	-0.6	-4715653	9.5	
22	404.4	1435.7	-4.9	-4.3	1.5	8.7	-0.8	-4726298	9.4	
22	404.1	1435.7	-4.4	-3.9	1.6	9.4	-0.8	-4694507	9.3	
22	403.8	1435.7	-4.2	-3.1	1.6	9.2	-0.8	-4621965	9.1	
22	403.5	1435.6	-3.8	-2.4	1.5	10.5	-0.8	-4502689	8.9	
22	403.2	1435.3	-3.8	-2.6	1.4	9.1	-0.9	-4334886	8.7	
22	402.9	1435.4	-4	-3.1	1.2	9.5	-0.9	-4154266	8.6	
22	402.6	1435.2	-4	-2.3	1	9.4	-1	-3965436	8.8	
22	402.3	1435.1	-4.4	-2.5	0.9	8.6	-1	-3779333	9	
22	402	1434.9	-4.4	-2.9	0.7	9.4	-1.1	-3609914	9.3	
22	401.7	1434.7	-5	-3.4	0.5	9	-1.2	-3466474	9.7	
22	401.4	1434.7	-4.2	-2.2	0.5	9.9	-1.2	-3344649	9.8	
22	401.1	1434.7	-4.6	-0.7	0.7	9.2	-1.2	-3251165	9.9	
22	400.8	1434.4	-3.3	-1.1	0.4	10.9	-1.1	-3196565	9.9	
22	400.5	1434.5	-4.7	-1.3	0.5	9.6	-1	-3162765	10	
22	400.2	1434.5	-4.4	-1.8	0.7	9.9	-1	-3153238	10	
22	399.9	1434.6	-4	-0.1	0.9	9.7	-0.9	-3167550	9.9	
22	399.6	1434.9	-4	0.1	1.1	10	-0.6	-3206356	9.8	
22	399.3	1435	-4.1	-0.2	1.1	9.7	-0.3	-3266381	9.7	
22	399	1435	-4.3	-1.3	0.9	9.5	-0.1	-3328697	9.4	
22	398.7	1434.9	-4.1	0.1	0.5	9	0.2	-3393436	9.2	
22	398.4	1434.8	-4.7	0	0.6	7.7	0.2	-3449341	9	
22	398.1	1434.5	-4.7	-1.1	0.4	8	0	-3501255	9	
22	397.8	1434.5	-4.5	-0.6	0.4	8.3	0	-3548729	8.8	
22	397.5	1434.1	-3.2	0.1	0.2	8.8	-0.2	-3572953	8.8	
22	397.2	1433.9	-3.9	0.7	0	8.2	-0.3	-3585189	8.8	
22	396.9	1433.7	-3.2	0.7	-0.1	9	-0.5	-3591338	8.8	
22	396.6	1433.7	-4.5	-1.1	0.2	7.6	-0.8	-3609914	8.8	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
22	396.3	1433.7	-3.2	0.2	0.4	8.7	-1	-3628683	8.8	
22	396	1433.7	-3.5	-0.4	0.6	8.2	-1.2	-3660403	8.8	
22	395.7	1433.7	-2.8	0.6	0.8	9.7	-1.3	-3699205	8.9	
22	395.4	1433.7	-3.6	-0.1	1	8.7	-1.4	-3738840	9	
22	395.1	1433.7	-2.3	0.6	1.2	10	-1.4	-3765738	9.2	
22	394.8	1433.6	-2.7	0.4	1.3	9.3	-1.3	-3793026	9.3	
22	394.5	1433.6	-2.7	1.3	1.5	9.9	-1.3	-3813753	9.3	
22	394.2	1433.6	-2.3	1.7	1.5	10.8	-1.3	-3827697	9.4	
22	393.9	1433.7	-2	2	1.6	10.2	-1.3	-3827697	9.4	
22	393.6	1433.8	-1.2	3.2	1.5	11.2	-1.2	-3813753	9.5	
22	393.3	1433.8	-2.4	3.8	1.5	9.2	-1.2	-3793026	9.5	
22	393	1433.7	-2.1	3	1.4	11.2	-1.3	-3772523	9.5	
22	392.7	1433.6	-2.9	2.1	1.5	8.6	-1.6	-3745528	9.5	
22	392.4	1433.3	-1.5	3.2	1.3	10.8	-1.8	-3718917	9.5	
22	392.1	1433.1	-3.3	0.6	1.2	8.7	-1.9	-3686180	9.5	
22	391.8	1433.2	-2.9	2	1.2	9.4	-1.9	-3666813	9.5	
22	391.5	1433.1	-2.4	2	1.3	9.7	-2	-3654014	9.3	
22	391.2	1433.3	-2.4	1.8	1.4	8.9	-1.9	-3634983	9.1	
22	390.9	1433.4	-1.3	2.5	1.3	11.4	-1.6	-3609914	9	
22	390.6	1433.5	-4	-0.2	1.4	7.2	-1.5	-3579060	8.6	
22	390.3	1433.8	-1.7	2.3	1.5	9.8	-1.2	-3542725	8.3	
22	390	1434	-2.9	1.1	1.7	7.5	-0.9	-3501255	8	
22	389.7	1434	-2.3	2.1	1.5	8.7	-0.6	-3460744	7.9	
22	389.4	1434.1	-3.3	1.1	1.1	7.5	-0.3	-3398945	7.9	
22	389.1	1433.9	-3.6	1.4	0.8	6.6	-0.3	-3318146	7.9	
22	388.8	1433.9	-3.1	1.1	0.5	7.6	-0.2	-3241100	8	
22	388.5	1433.6	-5.1	-0.5	0.2	5.2	-0.3	-3157994	8.3	
22	388.2	1433.5	-3.1	0.2	0	8.9	-0.3	-3088127	8.5	
22	387.9	1433.4	-3.5	1.2	-0.3	7.7	-0.4	-3034421	8.6	
22	387.6	1433.2	-3.3	1.1	-0.4	8.1	-0.6	-2986805	8.8	
22	387.3	1433.2	-2.9	1.1	-0.3	8	-0.6	-2953103	8.8	
22	387	1433.4	-2.8	1.2	-0.2	9.6	-0.5	-2924232	8.9	
22	386.7	1433.6	-2.3	1.8	0	10.3	-0.3	-2907987	8.9	
22	386.4	1433.8	-2.9	1.4	0.2	8.8	-0.2	-2907987	8.9	
22	386.1	1434	-2.8	1.3	0.5	10	-0.1	-2912031	8.9	
22	385.8	1434.1	-3	1.7	0.5	8.6	0	-2924232	8.9	
22	385.5	1434.3	-3.4	1.3	0.8	8.3	0	-2940661	8.9	
22	385.2	1434.4	-2.3	2.2	1.1	9.4	-0.1	-2969859	8.9	
22	384.9	1434.2	-1.9	1.3	1.1	9.2	-0.2	-3003946	9	
22	384.6	1434	-3.7	0.2	1.1	8	-0.3	-3043242	9.8	
22	384.3	1433.9	-3.8	-0.6	1.3	8	-0.6	-3088127	10.2	
22	384	1433.8	-2.4	2.1	1.4	10.6	-0.8	-3139056	10.3	
22	383.7	1433.7	-2.6	0.6	1.4	9.8	-1	-3201453	10.3	
22	383.4	1433.7	-2.4	1.1	1.6	10	-1.1	-3261293	10.3	
22	383.1	1433.6	-2.1	0.7	1.6	10.2	-1.2	-3323413	10.3	
22	382.8	1433.5	-2.3	1.3	1.5	9.4	-1.3	-3387945	10.2	
22	382.5	1433.4	-1.4	0.9	1.7	9.6	-1.4	-3460744	9.8	
22	382.2	1433.1	-1.1	1.6	1.5	10.4	-1.5	-3542725	9.5	
22	381.9	1432.8	-1	1.7	1.2	10.2	-1.4	-3622405	9.4	
22	381.6	1432.7	-2.4	-0.1	1.1	8.2	-1.4	-3686180	9.3	
22	381.3	1432.6	-1.3	0.7	1	9.9	-1.5	-3745528	9.2	
22	381	1432.3	-1.1	0.1	0.8	9.7	-1.6	-3786167	9.1	
22	380.7	1432.2	-0.6	1.8	0.6	10	-1.6	-3793026	9.1	
22	380.4	1432.2	-0.7	1.4	0.4	9.9	-1.6	-3786167	9.1	
22	380.1	1432.1	-0.5	2.4	0.3	9.9	-1.7	-3752241	9.1	
22	379.8	1432.3	-0.4	1.1	0.5	9.9	-1.6	-3699205	9.1	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
22	379.5	1432.2	0.1	3.4	0.5	10.6	-1.7	-3622405	9.1	
22	379.2	1432.1	-0.3	2.6	0.5	10.6	-1.8	-3542725	9.1	
22	378.9	1432.5	-1.3	1.1	0.8	9.2	-1.6	-3483777	9.2	
22	378.6	1432.6	-0.9	1.5	0.9	10	-1.5	-3438014	9.2	
22	378.3	1432.9	-0.8	0.5	1	9.2	-1.3	-3404472	9.2	
22	378	1433.2	-0.7	3.3	1.2	9.6	-1.2	-3382472	9.2	
22	377.7	1433.5	-1.2	0.5	1.5	8.4	-1.1	-3371579	9.1	
22	377.4	1433.7	-1.3	1.6	1.5	8.9	-1	-3382472	9.1	
22	377.1	1433.9	-1.8	0.5	1.6	8	-1	-3398945	9.1	
22	376.8	1434.1	-1.2	2.1	1.7	8.7	-0.9	-3404472	9.1	
22	376.5	1434.1	-1.4	2.2	1.4	8.8	-0.8	-3382472	9	
22	376.2	1434.1	-2.4	0.7	1.3	8	-0.9	-3339315	9	
22	375.9	1434.1	-1.1	4	1.1	9.3	-0.9	-3276605	9	
22	375.6	1434.1	-1.6	1.5	1	8.4	-0.9	-3196565	9	
22	375.3	1434	-0.4	3.1	0.6	9.9	-0.7	-3111070	9	
22	375	1434.1	-1.8	1.5	0.7	8.4	-0.6	-3030029	9	
22	374.7	1434.3	-1.5	1.4	0.6	9.4	-0.4	-2953103	9	
22	374.4	1434.4	-1.3	1.5	0.6	8.9	-0.3	-2883954	9	
22	374.1	1434.5	-1.1	1.2	0.6	9.6	-0.2	-2837060	9	
22	373.8	1434.8	-1.9	1	0.8	9.1	0	-2806636	9.1	
22	373.5	1434.9	-2	0.8	0.9	8.5	0	-2799132	9.1	
22	373.2	1434.9	-1.4	1.6	0.9	9.5	0	-2806636	9.1	
22	372.9	1434.7	-1.4	2	0.9	8.9	-0.1	-2825574	9.1	
22	372.6	1434.4	-1.2	1.1	0.8	9.7	-0.3	-2852521	9.1	
22	372.3	1434.3	-2.1	-0.2	0.8	8.9	-0.4	-2883954	9	
22	372	1434.2	-1.2	2.5	0.9	10.2	-0.6	-2920154	9	
22	371.7	1434.1	-2	1.8	1	8.4	-0.9	-2948944	8.9	
22	371.4	1434	-1.3	1.1	1	9.4	-1.1	-2969859	8.8	
22	371.1	1433.9	-1.6	1	1	8.8	-1.3	-2982550	8.8	
22	370.8	1433.8	-1.9	0.5	1	8.4	-1.5	-2991072	8.8	
22	370.5	1433.7	-1.9	0.2	1.1	8	-1.6	-2999642	8.8	
22	370.2	1433.6	-1.8	0.5	1.2	8.3	-1.7	-3008262	8.9	
22	369.9	1433.5	-2.5	-1.1	1.1	8.2	-1.7	-3030029	9.4	
22	369.6	1433.4	-3.5	-2.4	1.1	7.1	-1.8	-3052114	9.6	
22	369.3	1433.4	-1.8	-0.8	0.9	9.5	-1.6	-3083579	9.7	
22	369	1433.5	-1.8	0.6	0.8	8.6	-1.3	-3125000	9.2	
22	368.7	1433.6	-1.2	0.1	0.6	9	-1	-3157994	8.9	
22	368.4	1433.7	-1.5	-0.4	0.9	8.3	-0.9	-3186835	8.6	
22	368.1	1433.7	-0.9	-0.3	0.7	8.6	-0.7	-3206356	8.1	
22	367.8	1433.8	-1.2	-0.5	0.9	7.9	-0.6	-3216206	7.8	
22	367.5	1433.9	-0.5	0	0.7	8.7	-0.4	-3211273	7.7	
22	367.2	1433.9	-0.7	-0.3	0.6	8.7	-0.3	-3191693	7.6	
22	366.9	1434	-1.2	-1.3	0.8	7.5	-0.4	-3162765	7.6	
22	366.6	1433.9	-1.1	-0.8	0.8	8.3	-0.7	-3125000	7.7	
22	366.3	1434	-0.9	0.4	1	8	-1	-3083579	7.8	
22	366	1433.7	-0.4	0.5	0.8	9.1	-1.3	-3043242	8.3	
22	365.7	1433.6	-0.9	-0.1	1	8.6	-1.6	-3008262	8.6	
22	365.4	1433.5	-0.8	-0.1	1.1	9.6	-1.8	-2982550	8.7	
22	365.1	1433.7	-0.5	0.7	1.3	9.5	-1.9	-2965652	8.8	
22	364.8	1433.8	-0.1	1.2	1.7	9.9	-2	-2961457	8.8	
22	364.5	1433.8	-0.4	1.4	1.8	10	-2	-2965652	8.8	
22	364.2	1434.1	-1.6	-0.4	2	9	-1.8	-2986805	8.8	
22	363.9	1434.4	-0.9	0.5	2	9.8	-1.6	-3012590	8.8	
22	363.6	1434.7	-0.9	1.5	2.2	9	-1.2	-3034421	8.8	
22	363.3	1434.7	-0.9	0.2	1.9	9.2	-0.9	-3061039	8.8	
22	363	1434.7	-2.2	-0.6	1.7	8.1	-0.7	-3083579	8.8	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
22	362.7	1434.7	-1.9	-1.5	1.4	8.2	-0.6	-3101852	8.8	
22	362.4	1434.4	-1.6	0.2	0.9	8.1	-0.6	-3115700	8.8	
22	362.1	1434.1	-1.9	-0.4	0.5	8.2	-0.6	-3120343	8.8	
22	361.8	1433.9	-2.5	-1.2	0.2	7.9	-0.7	-3120343	8.9	
22	361.5	1433.9	-2.8	-1.7	0.2	7.5	-0.9	-3120343	8.9	
22	361.2	1433.8	-1.9	0	0.3	8.6	-1.2	-3125000	9	
22	360.9	1433.7	-1.8	0.2	0.4	8.3	-1.4	-3143769	9	
22	360.6	1433.9	-2.1	-0.7	0.7	9.2	-1.4	-3186835	9	
22	360.3	1434.1	-2.1	-0.7	0.9	8.8	-1.4	-3241100	9	
22	360	1434.4	-1.7	-0.5	1.1	9.4	-1.2	-3307662	9	
22	359.7	1434.6	-2.3	-0.2	1.4	8.4	-1.1	-3382472	9	
22	359.4	1434.6	-1.4	-0.2	1.4	9.6	-1	-3472223	9	
22	359.1	1434.7	-1.9	0.1	1.4	9	-0.9	-3554754	9	
22	358.8	1434.7	-2.1	-0.8	1.4	8.8	-0.9	-3616149	9	
22	358.5	1434.6	-1.3	0.3	1.3	9.6	-0.9	-3641305	9	
22	358.2	1434.6	-2.4	-0.5	1.2	8.2	-0.9	-3647649	9	
22	357.9	1434.6	-1.9	0	1	8.9	-1	-3628683	9.1	
22	357.6	1434.6	-2.7	-0.9	0.7	8.1	-1.2	-3585189	9.3	
22	357.3	1434.5	-1.5	1	0.6	9.6	-1.4	-3524832	9.3	
22	357	1434.6	-1.5	2	0.7	9.5	-1.6	-3455033	9.4	
22	356.7	1434.5	-1.1	0.7	0.6	10.2	-1.7	-3393436	9.6	
22	356.4	1434.5	-2	-0.2	0.5	10.4	-1.7	-3350000	9.9	
22	356.1	1434.7	-2.1	-0.9	0.8	9.5	-1.8	-3328697	10	
22	355.8	1434.8	-1.1	0.4	1	10.6	-1.7	-3333997	10.1	
22	355.5	1435.2	-1.3	-0.4	1.3	11.4	-1.5	-3371579	10	
22	355.2	1435.7	-1.3	-0.1	1.6	10.9	-1.1	-3438014	10	
22	354.9	1436	-1.3	-0.8	1.7	10.8	-0.7	-3513004	9.9	
22	354.6	1436.3	-1.8	-1.1	1.8	9.4	-0.3	-3609914	9.7	
22	354.3	1436.6	-1.5	-0.3	1.8	9.5	0.2	-3712323	9.4	
22	354	1436.7	-2.9	-1.8	1.7	8	0.4	-3813753	9.2	
22	353.7	1436.7	-1.9	-1	1.6	8.6	0.5	-3913552	8.9	
22	353.4	1436.4	-0.7	-0.3	1.1	9	0.6	-3988096	8.8	
22	353.1	1436.2	-3.5	-2.6	0.8	6.2	0.5	-4041989	8.8	
22	352.8	1435.8	-1.7	-0.9	0.3	8.1	0.3	-4073444	8.8	
22	352.5	1435.5	-2.8	-2.3	0.2	6.8	0	-4097359	8.8	
22	352.2	1435.1	-1.4	-1.3	-0.1	8.6	-0.3	-4113458	8.8	
22	351.9	1434.8	-2	-1.6	-0.1	7.5	-0.6	-4129685	8.9	
22	351.6	1434.6	-1.3	0.3	-0.1	10	-0.9	-4137846	9.2	
22	351.3	1434.5	-1.1	-0.2	0	9.5	-1	-4154266	9.3	
22	351	1434.6	-0.6	0.3	0.3	9.2	-0.9	-4179142	9.3	
22	350.7	1434.7	-0.5	0.4	0.2	10.8	-0.6	-4212777	9.4	
22	350.4	1434.7	-0.7	1.5	0.3	9.9	-0.5	-4229798	9.4	
22	350.1	1434.6	-0.3	1.6	0.3	10.9	-0.4	-4221271	9.3	
22	349.8	1434.7	-0.6	1	0.5	9.2	-0.3	-4187500	9.3	
22	349.5	1434.5	0.3	2.2	0.4	10.6	-0.2	-4129685	9.2	
22	349.2	1434.4	-1.2	1.3	0.4	8.6	-0.2	-4057655	9.1	
22	348.9	1434.3	-0.6	2.2	0.5	9.8	-0.3	-3980514	9	
22	348.6	1434.1	-0.4	1.5	0.5	9.4	-0.6	-3906250	8.8	
22	348.3	1434	-0.3	1.5	0.4	9	-0.8	-3841744	8.8	
22	348	1433.9	-0.6	1.5	0.3	8.8	-1	-3793026	8.8	
22	347.7	1433.9	-1	1.1	0.7	8	-1.3	-3758977	8.7	
22	347.4	1433.9	0.4	2.1	0.7	10.2	-1.4	-3745528	8.6	
22	347.1	1433.8	-0.2	2.1	0.7	8.5	-1.5	-3758977	8.6	
22	346.8	1433.8	-0.1	1.3	0.7	9.4	-1.5	-3793026	8.6	
22	346.5	1433.8	-1.7	0.2	0.7	7.2	-1.5	-3841744	8.8	
22	346.2	1433.9	-1.4	0.7	0.8	7.5	-1.4	-3898976	8.8	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
22	345.9	1434.1	-0.6	0.7	0.9	8.6	-1.2	-3957940	8.8	
22	345.6	1434.4	-0.4	2	0.9	9	-0.9	-3995706	8.8	
22	345.3	1434.4	-0.2	1.7	0.7	9.7	-0.6	-3995706	8.9	
22	345	1434.4	-1.9	0.8	0.7	6.9	-0.6	-3957940	8.9	
22	344.7	1434.7	-0.4	1.1	0.9	8.6	-0.4	-3870148	8.8	
22	344.4	1434.8	-0.5	1	1	8.3	-0.4	-3752241	8.8	
22	344.1	1434.9	0.5	1.6	1.1	10.2	-0.3	-3597509	8.8	
22	343.8	1434.9	0.2	2.2	1	10.2	-0.2	-3438014	8.8	
22	343.5	1434.8	-0.4	1.7	0.9	8.9	-0.2	-3292060	8.8	
22	343.2	1434.8	-0.5	0.6	0.8	8.6	-0.2	-3172349	8.8	
22	342.9	1434.7	-0.9	0.4	0.8	8.2	-0.3	-3092689	8.8	
22	342.6	1434.7	-0.2	1.1	0.9	10	-0.3	-3052114	8.8	
22	342.3	1434.6	-0.1	1.2	0.8	9.3	-0.4	-3052114	8.8	
22	342	1434.6	0.2	2	0.8	9.6	-0.4	-3074523	8.8	
22	341.7	1434.4	-0.1	1.4	0.8	8.8	-0.6	-3120343	8.8	
22	341.4	1434.3	-0.9	2	0.8	8.2	-0.7	-3191693	8.8	
22	341.1	1434.2	-0.4	1.5	0.9	9.1	-0.9	-3271485	8.8	
22	340.8	1434	-0.2	0.5	0.8	9.2	-1	-3333997	8.7	
22	340.5	1433.9	-0.5	3	0.8	9	-1.2	-3360755	8.7	
22	340.2	1433.7	-1	0.7	1	8	-1.5	-3366158	8.7	
22	339.9	1433.7	-0.8	2	1.1	8.6	-1.6	-3344649	8.7	
22	339.6	1433.7	-0.6	0.8	1.2	8.2	-1.8	-3307662	8.7	
22	339.3	1433.6	-0.6	1.4	1.3	8.5	-1.9	-3256221	8.7	
22	339	1433.6	-0.9	0.4	1.4	8.1	-1.9	-3206356	8.8	
22	338.7	1433.6	-1	0.1	1.4	8.6	-1.9	-3162765	8.9	
22	338.4	1433.7	-1	-0.4	1.5	8.3	-1.8	-3143769	8.9	
22	338.1	1433.9	-0.6	-0.1	1.5	9.1	-1.6	-3143769	9	
22	337.8	1433.8	-0.4	0.3	1.6	9.4	-1.5	-3162765	9.1	
22	337.5	1433.9	-1.4	-1.1	1.6	8.7	-1.4	-3201453	9.1	
22	337.2	1434	-0.5	0.1	1.6	9.5	-1.2	-3256221	9.1	
22	336.9	1434	-0.6	-0.9	1.5	9	-1.1	-3333997	9	
22	336.6	1433.8	0.5	1.7	1.2	10	-1	-3415580	8.5	
22	336.3	1434	-1.1	-0.5	1.4	8.5	-0.9	-3507119	8.4	
22	336	1434	-0.6	-0.2	1.4	8.9	-1	-3591338	8.2	
22	335.7	1434	-0.9	-0.6	1.4	8	-1.2	-3666813	8.2	
22	335.4	1433.8	-0.4	0.2	1.2	8.5	-1.5	-3718917	8.2	
22	335.1	1433.7	-1.1	-0.1	1	8.3	-1.6	-3738840	8.2	
22	334.8	1433.6	-1.2	-1.6	0.9	7.8	-1.9	-3738840	8.2	
22	334.5	1433.7	-0.5	-0.3	1.1	9.2	-2	-3718917	8.2	
22	334.2	1433.5	-1	-0.9	1.2	7.5	-2.2	-3686180	8.2	
22	333.9	1433.5	-1.4	0.3	1.1	8.4	-2.3	-3634983	8.5	
22	333.6	1433.6	-1.6	-0.2	1.2	7.8	-2.2	-3566866	8.6	
22	333.3	1433.8	-0.8	-0.2	1.1	9.2	-1.8	-3489584	8.5	
22	333	1434.3	-1	-0.6	1.1	8.5	-1.2	-3410017	8.2	
22	332.7	1434.7	-0.9	-0.7	1	8.6	-0.6	-3344649	8.1	
22	332.4	1435.1	-1.1	0.8	0.9	8.1	0	-3281740	8	
22	332.1	1435.2	-2.3	-1.9	0.8	6.5	0.2	-3226118	7.9	
22	331.8	1435.3	-1	-0.5	0.7	8.2	0.4	-3172349	7.9	
22	331.5	1435.5	-1.4	-1.9	0.6	7.6	0.6	-3134357	7.8	
22	331.2	1435.3	-0.9	-1.1	0.3	8.2	0.6	-3101852	7.8	
22	330.9	1435.1	-2	-1.6	0.3	6.5	0.3	-3074523	7.9	
22	330.6	1435	-2.1	-1.6	0.4	7.4	-0.1	-3056570	8.3	
22	330.3	1434.9	-1.6	-0.7	0.3	8.5	-0.4	-3052114	8.7	
22	330	1434.9	-1.2	-1	0.6	9	-0.8	-3061039	9.1	
22	329.7	1434.8	-1.2	-1.1	0.7	10.3	-1	-3079045	9.9	
22	329.4	1434.9	-1.7	-1.9	0.9	9.2	-1.2	-3106455	10.2	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
22	329.1	1435.2	-1.1	-1	1.1	11	-1.2	-3139056	10.4	
22	328.8	1435.2	-0.9	0	1.2	10.4	-1.2	-3167550	10.6	
22	328.5	1435.2	-0.4	0	1.1	11.9	-1	-3201453	10.9	
22	328.2	1435.2	-1.3	-1.1	1.1	11	-0.8	-3231096	11.1	
22	327.9	1435.3	-1.9	-1.4	1	10.9	-0.6	-3261293	11.1	
22	327.6	1435.2	-1	0	0.8	11.2	-0.5	-3276605	11.2	
22	327.3	1435.1	-0.9	-0.1	0.7	11.6	-0.3	-3286892	11.1	
22	327	1435.1	-0.5	0.1	0.4	12	0	-3281740	11.1	
22	326.7	1435.1	-1.9	-1.3	0.3	10.2	0	-3271485	10.6	
22	326.4	1435.1	-0.5	0.4	0.2	11.3	0.1	-3251165	10.2	
22	326.1	1435	-0.7	0.3	0.2	9.6	0	-3216206	9.8	
22	325.8	1434.8	-0.2	0.8	0.1	10.2	0	-3177163	9.4	
22	325.5	1434.9	-1.8	-1.2	0.3	8.7	-0.1	-3134357	8.9	
22	325.2	1434.9	-0.8	-0.4	0.4	9.3	-0.3	-3097264	8.5	
22	324.9	1434.6	-1.5	-0.1	0.5	7.6	-0.6	-3061039	8.4	
22	324.6	1434.5	-1.2	-0.7	0.5	7.8	-0.7	-3043242	8.3	
22	324.3	1434.4	-1.9	-1.3	0.6	7.7	-0.9	-3030029	8.2	
22	324	1434.5	-2.2	-2.7	0.9	6.8	-1.1	-3025651	8.2	
22	323.7	1434.4	-0.7	0.4	0.9	8.4	-1.3	-3025651	8.1	
22	323.4	1434.2	-0.7	-0.1	1.1	7.8	-1.5	-3016931	8.1	
22	323.1	1434.2	-1.3	-0.4	1.3	8	-1.6	-2995351	8.5	
22	322.8	1434.4	-2.2	-1.8	1.2	7.4	-1.5	-2953103	8.8	
22	322.5	1434.3	-0.4	0.7	1.2	9	-1.5	-2891920	8.8	
22	322.2	1434.3	-0.9	0.3	1.3	8.4	-1.5	-2810403	8.9	
22	321.9	1434.3	-0.9	-0.4	1.4	9.2	-1.5	-2733356	9	
22	321.6	1434.4	-1.2	-0.2	1.2	9.6	-1.4	-2660420	9.1	
22	321.3	1434.5	-1.2	0.2	1.3	8.6	-1.4	-2591275	9.2	
22	321	1434.3	-0.5	1.1	1.2	9.3	-1.5	-2528684	9.2	
22	320.7	1434.1	0.3	1.1	1.1	10.3	-1.4	-2483690	9.2	
22	320.4	1434.4	-0.8	0.2	1.1	10	-1.3	-2460341	9.1	
22	320.1	1434.5	0.2	1.1	1.4	9.7	-1.3	-2454573	8.8	
22	319.8	1434.4	0.3	1.4	1.3	9.9	-1.2	-2466137	8.7	
22	319.5	1434.4	-0.3	2	1.4	9.6	-1.2	-2486640	8.7	
22	319.2	1434.7	-1.2	-0.2	1.6	8.9	-1.2	-2516527	8.6	
22	318.9	1434.8	-0.6	0.8	1.8	9.8	-1.3	-2550244	8.5	
22	318.6	1434.9	-0.4	0.5	1.9	9.4	-1.2	-2588072	8.3	
22	318.3	1434.7	-0.3	1.7	1.8	8.9	-1.2	-2620464	8.2	
22	318	1434.8	-1.1	1	1.7	9.1	-1	-2646966	8.2	
22	317.7	1434.5	-1	0.6	1.7	8.5	-1.2	-2667198	8.1	
22	317.4	1434.3	-0.8	0.4	1.5	8.5	-1.2	-2680858	8	
22	317.1	1434.2	-1.5	-0.3	1.4	7.9	-1.3	-2684295	8.1	
22	316.8	1434.2	-1.8	-0.1	1.3	8.3	-1.3	-2674011	8.3	
22	316.5	1434.2	-2.5	-1.4	1.4	7.8	-1.4	-2663805	8.8	
22	316.2	1434.2	-2.5	-1.6	1.4	7.7	-1.6	-2650317	9	
22	315.9	1434	-2.3	-1.9	1.6	8	-1.8	-2636965	9.4	
22	315.6	1433.8	-3.2	-1.9	1.6	7.5	-2.1	-2617188	9.7	
22	315.3	1433.6	-2.9	-1	1.8	7.8	-2.3	-2594486	9.8	
22	315	1433.5	-2.8	-1.8	1.9	8.2	-2.4	-2575339	9.7	
22	314.7	1433.7	-2.3	-1.4	2	9	-2.3	-2559597	9.6	
22	314.4	1433.6	-2.4	-1.9	1.8	8.3	-2.3	-2544047	9.3	
22	314.1	1433.6	-2.5	-0.6	1.7	8.4	-2.3	-2531742	9.1	
22	313.8	1433.8	-2	-1.5	1.9	8.6	-2.3	-2522591	8.7	
22	313.5	1433.8	-1.6	-0.9	2.1	8.6	-2.4	-2519555	8.2	
22	313.2	1433.8	-0.9	-0.7	2	9.1	-2.3	-2522591	7.8	
22	312.9	1433.6	-0.8	1	1.9	8.8	-2.2	-2528684	7.6	
22	312.6	1433.6	-1.9	-1.1	1.9	8.1	-2.1	-2534807	7.5	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
22	312.3	1433.8	-1.9	-0.4	2	7.4	-2.1	-2544047	7.6	
22	312	1434	-1	0.2	2.1	8.5	-1.9	-2553354	7.6	
22	311.7	1434.2	-1.1	0.8	2.1	8.6	-1.7	-2562730	8	
22	311.4	1434.3	-1.2	1	1.9	8.7	-1.5	-2569019	8.3	
22	311.1	1434.3	-1.6	-0.9	1.7	8.8	-1.4	-2575339	8.8	
22	310.8	1434.3	-1.2	-0.5	1.4	9.2	-1.2	-2578510	9.1	
22	310.5	1434.1	-1	0.3	1	9.9	-0.9	-2575339	9.7	
22	310.2	1434.1	-2.1	0.1	0.8	9.6	-0.6	-2572175	10	
22	309.9	1434.1	-1.1	-0.7	0.6	11	-0.4	-2578510	10.1	
22	309.6	1434	-1.4	-0.5	0.3	10.3	-0.3	-2588072	10.1	
22	309.3	1433.9	-1	-0.1	0.1	11	-0.2	-2604167	10.2	
22	309	1434	-1.2	0	0	10.5	-0.1	-2623747	10.2	
22	308.7	1434.2	-1.6	-0.4	0.1	10.6	0	-2646966	10.3	
22	308.4	1434.4	-1.7	-1.2	0.2	11	0	-2677430	10.3	
22	308.1	1434.4	-1.6	-1.9	0.2	10.5	0	-2719156	10.3	
22	307.8	1434.3	-1.6	-0.8	0.1	11	0	-2754935	10.3	
22	307.5	1434.1	-2	-2.2	0.1	9.7	-0.1	-2795394	10.1	
22	307.2	1434	-2.1	-2.4	0.2	9.8	-0.2	-2829392	10	
22	306.9	1433.9	-2.6	-2.3	0.2	9	-0.3	-2872086	9.8	
22	306.6	1433.9	-1.7	-0.5	0.1	9.9	-0.3	-2916087	9.6	
22	306.3	1434	-2.2	-1.6	0.1	9	-0.3	-2965652	9.6	
22	306	1434.2	-3.7	-3.3	0.2	7.8	-0.4	-3025651	9.5	
22	305.7	1434.2	-2.5	-2.2	0.3	8.8	-0.6	-3097264	9.4	
22	305.4	1434.3	-2.4	-1.3	0.6	8.6	-0.8	-3181991	9.3	
22	305.1	1434.2	-2	-1	0.6	8.9	-0.9	-3281740	9.3	
22	304.8	1434.1	-2.4	-1.6	0.6	8.6	-1.1	-3382472	9.2	
22	304.5	1434.1	-2.5	-1	0.7	8.5	-1.2	-3472223	9.1	
22	304.2	1434.2	-2.7	-0.9	0.9	8.1	-1.3	-3548729	9.1	
22	303.9	1434.2	-1.7	0.8	1	9.2	-1.4	-3609914	9.1	
22	303.6	1434.4	-2.2	0.3	1.1	9.4	-1.4	-3647649	9.1	
22	303.3	1434.5	-2.2	0.1	1.3	9.1	-1.4	-3666813	9.1	
22	303	1434.6	-1.9	1.3	1.4	9	-1.4	-3666813	9.1	
22	302.7	1434.9	-1.2	1.7	1.7	9.4	-1.3	-3647649	9.1	
22	302.4	1435.1	-1.4	1.4	1.7	9.4	-1.2	-3616149	9.1	
22	302.1	1435.2	-1.2	1.1	1.8	9.7	-1.2	-3585189	9.1	
22	301.8	1435.2	-1.7	0.7	1.8	9.7	-1.2	-3554754	9.1	
22	301.5	1435.2	-1.5	1	1.8	9.2	-1.2	-3530776	9.1	
22	301.2	1435.2	-1.2	0.8	1.7	9.9	-1.2	-3513004	9.1	
22	300.9	1435	-1.9	-0.3	1.6	8.9	-1.4	-3513004	9.1	
22	300.6	1434.8	-1.1	-0.2	1.3	9.6	-1.5	-3530776	9.1	
22	300.3	1434.8	-1	-0.2	1.2	9.7	-1.4	-3566866	9.1	
22	300	1435	-1	0.9	1.1	10	-1.1	-3616149	9.1	
22	299.7	1435	-1.1	0.8	1.1	9.7	-0.9	-3673246	9.1	
22	299.4	1435	-1.9	-0.9	1	9	-0.7	-3732175	9	
22	299.1	1435	-1.4	-0.3	1.1	9.7	-0.6	-3799910	9	
22	298.8	1435	-1.7	-0.5	1.2	9.2	-0.6	-3848806	9	
22	298.5	1435.2	-1.1	0.5	1.2	10.4	-0.3	-3870148	9	
22	298.2	1435.3	-1.4	-0.2	1	9.3	0	-3870148	9.1	
22	297.9	1435.2	-1.9	-0.9	0.6	9.5	0	-3848806	9.4	
22	297.6	1434.9	-2.4	-0.3	0	9	-0.1	-3820712	9.9	
22	297.3	1434.4	-2.2	-1.1	-0.5	9.6	-0.3	-3786167	10.4	
22	297	1434.3	-2	-0.6	-0.9	10.1	-0.2	-3758977	10.7	
22	296.7	1433.9	-2.7	-1.7	-1.4	9.2	-0.2	-3738840	10.8	
22	296.4	1433.6	-2.5	-1.3	-1.6	9.4	-0.2	-3718917	10.9	
22	296.1	1433.6	-3	-1.4	-1.8	8.6	-0.2	-3699205	10.9	
22	295.8	1433.8	-2	-0.3	-1.5	9.4	-0.2	-3699205	10.9	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
22	295.5	1434.3	-3	-1.4	-0.9	8	-0.3	-3699205	10.9	
22	295.2	1435	-2.1	-0.5	0	9.2	-0.3	-3712323	10.8	
22	294.9	1435.4	-1.6	0.4	0.9	9.3	-0.5	-3712323	10.6	
22	294.6	1435.8	-0.9	1.2	1.5	9.7	-0.7	-3705753	10.3	
22	294.3	1435.9	-0.8	1.8	2.2	9.7	-1	-3679702	10.2	
22	294	1435.8	-0.4	1.3	2.6	9.9	-1.3	-3634983	10.1	
22	293.7	1435.9	-0.3	1.9	3.1	10.3	-1.7	-3572953	10.1	
22	293.4	1435.8	0.5	4.2	3.4	10.8	-2.1	-3495409	10	
22	293.1	1435.8	1.6	4.1	3.3	12.2	-2.3	-3415580	9.9	
22	292.8	1435.7	1.3	3.7	3.1	11.2	-2.5	-3339315	9.9	
22	292.5	1435.6	1.6	3.6	2.8	12.1	-2.6	-3261293	9.9	
22	292.2	1435.7	1.4	3.8	2.6	11.5	-2.6	-3196565	9.9	
22	291.9	1435.6	2.1	4.6	2.3	12.3	-2.4	-3153238	9.9	
22	291.6	1435.5	2.1	4.8	2	11.6	-2.1	-3134357	9.9	
22	291.3	1435.3	2	3.7	1.6	12.2	-1.8	-3129672	9.9	
22	291	1435.3	1.3	3.5	1.6	10.8	-1.4	-3139056	9.9	
22	290.7	1435.4	1.5	3.7	1.3	10.5	-0.9	-3167550	9.8	
22	290.4	1435.2	2.2	4.1	0.7	11.1	-0.3	-3206356	9.8	
22	290.1	1435.4	0.4	1.6	0.5	9	0.2	-3246125	9.7	
22	289.8	1435.6	0.6	2	0.2	9.5	0.5	-3271485	9.6	
22	289.5	1435.6	0.2	1.4	-0.1	8.6	0.6	-3276605	9.5	
22	289.2	1435.4	1.3	3	-0.5	9.2	0.8	-3266381	9.3	
22	288.9	1435.1	-0.3	1.2	-0.5	7.8	0.6	-3251165	9.1	
22	288.6	1434.5	0.3	1.5	-0.9	8.5	0.3	-3231096	8.7	
22	288.3	1434.1	0	1.9	-1	7.4	0	-3196565	8.5	
22	288	1433.9	0.5	1.6	-0.7	7.7	-0.3	-3148497	8.2	
22	287.7	1433.9	0.5	1.5	-0.7	8.2	-0.4	-3101852	8	
22	287.4	1434.1	0	1	-0.3	7.8	-0.6	-3061039	7.9	
22	287.1	1434.6	0.1	1.2	0.2	7.6	-0.6	-3030029	7.8	
22	286.8	1434.7	0.6	2.5	0.5	7.8	-0.6	-2995351	7.8	
22	286.5	1434.7	0	1.4	0.7	8	-0.6	-2961457	7.7	
22	286.2	1434.9	-0.2	1.5	1.2	7.4	-0.6	-2920154	7.7	
22	285.9	1434.9	0.8	1.9	1.2	8.4	-0.4	-2876031	7.6	
22	285.6	1434.7	-0.1	1.3	1.3	6.8	-0.6	-2825574	7.6	
22	285.3	1434.6	0.2	2.1	1.2	7.2	-0.6	-2769511	7.7	
22	285	1434.4	-0.4	2	1.2	7.2	-0.9	-2708603	7.7	
22	284.7	1434.3	0.5	2.7	1	7.8	-1.2	-2650317	7.8	
22	284.4	1434.2	0	2	1.1	7.1	-1.6	-2594486	8.2	
22	284.1	1434.1	-0.4	2.3	1.3	7.3	-2	-2550244	8.5	
22	283.8	1434	-0.1	2.4	1.4	8.5	-2.4	-2516527	8.7	
22	283.5	1434	-0.1	2.9	1.6	8.3	-2.7	-2501494	8.8	
22	283.2	1434	0.8	2.8	1.6	9.9	-2.8	-2501494	8.9	
22	282.9	1434	1	4	1.5	10.3	-2.8	-2516527	9	
22	282.6	1434.2	0.1	2.2	1.8	10.2	-2.8	-2550244	9.1	
22	282.3	1434.5	0.9	2.5	1.9	11.4	-2.5	-2600932	9.1	
22	282	1434.6	1.7	2.6	1.8	12.4	-2.1	-2657044	9.1	
22	281.7	1434.9	1.7	2.5	1.8	12.6	-1.6	-2708603	9.1	
22	281.4	1435.1	0.4	0.8	1.9	11	-1.3	-2754935	9.1	
22	281.1	1435.4	0.1	0.4	2	11.1	-1	-2791667	9.1	
22	280.8	1435.7	-0.3	-0.8	2.2	10	-0.8	-2814181	9.2	
22	280.5	1436	-0.8	-2.4	2.6	9.2	-0.7	-2814181	9.2	
22	280.2	1435.9	-1.5	-2.8	2.4	9.1	-0.6	-2787950	9.4	
22	279.9	1435.9	-3.2	-4.8	2.3	7.1	-0.6	-2736929	9.6	
22	279.6	1435.6	-3.1	-4.5	2.1	7.2	-0.8	-2680858	9.7	
22	279.3	1435.3	-3.1	-5.2	1.7	7	-0.9	-2627039	9.8	
22	279	1435	-3	-5.1	1.3	7.9	-0.9	-2572175	9.9	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
22	278.7	1434.7	-3.7	-5.7	1	7.1	-1	-2531742	9.8	
22	278.4	1434.5	-3.1	-4.4	0.5	8.1	-1	-2504486	9.5	
22	278.1	1434.3	-2.5	-4	0.1	8.3	-1	-2492560	9	
22	277.8	1434.1	-2.5	-4.7	-0.1	7.8	-1	-2492560	8.4	
22	277.5	1433.9	-2.2	-2.6	-0.3	8.4	-1	-2498509	8.1	
22	277.2	1434	-2.8	-3.4	0	7.8	-1	-2516527	7.6	
22	276.9	1434	-2.2	-2.4	0.2	7.9	-1	-2537879	7.3	
22	276.6	1434.2	-2.4	-3.7	0.5	6.8	-1	-2556472	7	
22	276.3	1434.1	-2.1	-1.8	0.8	7.8	-1.2	-2578510	7.2	
22	276	1434.3	-3.2	-3.5	1.1	6.5	-1.3	-2600932	7.5	
22	275.7	1434.4	-2.8	-2.8	1.5	7.3	-1.5	-2617188	7.7	
22	275.4	1434.5	-2.4	-2.9	1.9	7.4	-1.8	-2636965	8	
22	275.1	1434.5	-1.8	-2.3	2.2	8.2	-2	-2657044	8.2	
22	274.8	1434.4	-2.8	-2.8	2.1	7.8	-2.2	-2680858	8.5	
22	274.5	1434.4	-2.4	-2.5	2.3	8.4	-2.4	-2712112	8.6	
22	274.2	1434.4	-1.3	-1.9	2.2	9.5	-2.4	-2754935	8.6	
22	273.9	1434.3	-1.6	-1.6	2.2	8.9	-2.4	-2806636	8.7	
22	273.6	1434.4	-1.3	-1.1	2	9.6	-2.2	-2872086	8.7	
22	273.3	1434.4	-2.2	-3	1.9	8.4	-2.1	-2944797	8.7	
22	273	1434.7	-1.1	-1	1.9	9.8	-1.8	-3021285	8.7	
22	272.7	1434.8	-1.4	-1.6	1.6	8.3	-1.4	-3092689	8.6	
22	272.4	1434.9	-1.3	-0.9	1.4	9.1	-1	-3167550	8.6	
22	272.1	1435	-2.1	-2.6	1.4	7.9	-0.9	-3226118	8.6	
22	271.8	1434.9	-2	-2	1.3	7.9	-0.9	-3261293	8.6	
22	271.5	1435	-1.4	-1	1.5	8.7	-0.8	-3266381	8.6	
22	271.2	1434.9	-1.1	-1	1.2	9	-0.8	-3251165	8.6	
22	270.9	1434.7	-0.9	-0.8	1.1	9.4	-0.8	-3221154	8.6	
22	270.6	1434.7	-2	-2.8	1	8	-0.9	-3177163	8.4	
22	270.3	1434.7	-0.4	-1.4	1	9.5	-1	-3134357	8.2	
22	270	1434.6	-0.9	-1	1.1	8.6	-1.2	-3092689	8	
22	269.7	1434.5	-0.4	-1.3	0.7	9.5	-1.1	-3052114	8	
22	269.4	1434.5	-1.3	-3	0.7	8.6	-1	-3021285	8.1	
22	269.1	1434.4	-1.3	-3	0.5	8.8	-0.9	-2995351	8.2	
22	268.8	1434.5	-1.8	-2.2	0.5	8.2	-0.7	-2978308	8.4	
22	268.5	1434.4	-1.1	-1.2	0.4	9.2	-0.6	-2969859	8.6	
22	268.2	1434.5	-2.2	-1.9	0.3	9	-0.4	-2961457	9.2	
22	267.9	1434.6	-1.9	-1.1	0.3	9.2	-0.3	-2961457	9.7	
22	267.6	1434.6	-1.7	-0.2	0.2	10	-0.2	-2965652	10.1	
22	267.3	1434.8	-1.7	1.5	0.3	10.1	0	-2969859	10.2	
22	267	1434.8	-1.7	1.4	0.2	10.7	0.1	-2974077	10.6	
22	266.7	1434.6	-2.4	0.7	0.2	9.9	0	-2978308	10.8	
22	266.4	1434.6	-2	1	0.2	11	0.1	-2978308	11	
22	266.1	1434.6	-2.6	1.1	0.2	10	0.1	-2986805	11.1	
22	265.8	1434.5	-2.1	1	0.1	11.2	0.1	-2999642	11.1	
22	265.5	1434.4	-2.5	0	0.1	10.4	0	-3021285	11.1	
22	265.2	1434.5	-2.4	0.1	0.4	10.7	0	-3052114	11.1	
22	264.9	1434.4	-2.9	-0.7	0.3	10.2	-0.2	-3088127	11	
22	264.6	1434.4	-2.2	0.6	0.5	10	-0.3	-3129672	10.6	
22	264.3	1434.3	-1.7	0.5	0.5	10.6	-0.4	-3181991	10.3	
22	264	1434.2	-2.3	0.1	0.6	8.8	-0.6	-3236090	9.8	
22	263.7	1434.3	-2	0.1	0.8	9.3	-0.7	-3297245	9.2	
22	263.4	1434.1	-2.2	1	0.6	8.2	-0.9	-3350000	8.8	
22	263.1	1434	-1.7	1.1	0.7	8.6	-1	-3398945	8.6	
22	262.8	1433.7	-2.2	0.2	0.5	7.5	-1.2	-3432378	8.5	
22	262.5	1433.8	-2.5	-0.7	0.8	8.1	-1.2	-3455033	8.4	
22	262.2	1433.7	-1.5	1.3	0.8	8.8	-1.3	-3460744	8.4	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
22	261.9	1433.8	-1.5	0.9	1.2	8.6	-1.4	-3460744	8.3	
22	261.6	1433.8	-0.5	0.8	1.4	9.8	-1.5	-3460744	8.4	
22	261.3	1433.9	-1.6	0	1.6	8.4	-1.6	-3455033	8.5	
22	261	1434.3	-1.1	0.2	2.2	9.6	-1.6	-3449341	8.5	
22	260.7	1434.2	-0.9	1.3	2.3	8.8	-1.7	-3432378	8.5	
22	260.4	1434.2	0	1.1	2.2	10.2	-1.6	-3410017	8.4	
22	260.1	1434.1	-1.5	-0.1	2	8.4	-1.5	-3382472	8.4	
22	259.8	1434	-1.5	-0.2	1.9	8.4	-1.5	-3355369	8.4	
22	259.5	1433.8	-1.8	0.3	1.5	8.1	-1.5	-3312896	8.4	
22	259.2	1433.6	-1.5	0.5	1.3	7.5	-1.5	-3256221	8.4	
22	258.9	1433.4	-1.1	0.3	1	8.6	-1.3	-3196565	8.4	
22	258.6	1433.4	-2.1	-1	0.7	7.3	-1.2	-3134357	8.3	
22	258.3	1433.2	-0.6	0.3	0.7	9.2	-1.2	-3079045	8.3	
22	258	1433.4	-1.4	0.6	0.7	7.7	-1	-3043242	8.3	
22	257.7	1433.5	-0.5	-0.1	0.8	9.4	-0.9	-3008262	8.4	
22	257.4	1433.6	-1.5	-0.6	1	8.2	-0.9	-2982550	8.4	
22	257.1	1433.8	-1.5	-1.1	1.2	8.6	-0.9	-2969859	8.4	
22	256.8	1433.8	-0.7	0.6	1.3	9	-0.9	-2974077	8.4	
22	256.5	1433.6	-1.1	0.2	1.3	8.2	-1	-2991072	8.4	
22	256.2	1433.5	-1.1	0.7	1.2	8.9	-1	-3012590	8.5	
22	255.9	1433.3	-2	-0.9	1.1	7.6	-1	-3038825	8.5	
22	255.6	1433.2	-1.6	0.6	0.8	8.4	-1	-3061039	8.5	
22	255.3	1433.1	-1.6	0.3	0.7	7.4	-1.1	-3088127	8.5	
22	255	1433	-1	0.7	0.6	8.6	-1.2	-3106455	8.5	
22	254.7	1433.1	-1.6	0.1	0.7	7.9	-1.3	-3120343	8.5	
22	254.4	1433.2	-1	0.7	0.8	8.4	-1.3	-3115700	8.5	
22	254.1	1433.2	-0.7	1.7	0.8	8.5	-1.3	-3092689	8.5	
22	253.8	1433.3	-0.9	1.1	0.9	8.6	-1.2	-3056570	8.8	
22	253.5	1433.3	-1.5	1.1	1	8.5	-1.2	-3003946	9.3	
22	253.2	1433.4	-1.6	0.5	1.2	8.6	-1.2	-2940661	9.5	
22	252.9	1433.4	-0.4	2.1	1.2	10.3	-1.2	-2868151	9.6	
22	252.6	1433.6	-0.7	1.7	1.3	9.2	-1	-2799132	9.7	
22	252.3	1433.6	-0.5	2.4	1.2	10.4	-0.9	-2733356	10	
22	252	1433.7	-1.1	1.1	1.2	9.4	-0.9	-2677430	10.1	
22	251.7	1433.7	-0.2	1.5	1.1	11	-0.9	-2640291	10.2	
22	251.4	1433.8	-0.2	2.1	1	10.3	-0.9	-2627039	10.1	
22	251.1	1433.8	0.7	2.7	1	11.8	-0.9	-2633648	9.9	
22	250.8	1433.6	0.2	2.4	0.8	11.6	-1.1	-2660420	9.8	
22	250.5	1433.7	-0.6	1.1	0.8	10.6	-1.3	-2715630	9.5	
22	250.2	1433.6	0.5	2.7	0.7	11.6	-1.5	-2784243	9.2	
22	249.9	1433.6	-0.2	2.3	0.8	10.4	-1.7	-2864228	8.8	
22	249.6	1433.6	0.3	1.8	0.8	11.2	-1.9	-2953103	8.8	
22	249.3	1433.8	-1.2	0.3	1	8.6	-2.1	-3043242	8.7	
22	249	1434.1	0.1	0.6	1.1	10.6	-2.1	-3129672	8.6	
22	248.7	1434.2	-0.8	0.8	1.1	8.4	-2	-3206356	8.7	
22	248.4	1434.4	-1.5	-0.4	1.3	8.1	-1.8	-3261293	9.1	
22	248.1	1435	-3.1	-2.2	1.4	7.4	-1.2	-3307662	9.5	
22	247.8	1435.2	-3	-3	1.5	7.2	-1.1	-3328697	9.6	
22	247.5	1435.4	-3.1	-1.6	1.5	7.7	-0.8	-3339315	9.7	
22	247.2	1435.8	-3	-1.5	1.4	7	-0.3	-3344649	9.6	
22	246.9	1436.1	-1.9	-0.1	1.3	9	0.2	-3350000	9.6	
22	246.6	1436.3	-3.5	-2	1.2	6.5	0.4	-3360755	9.4	
22	246.3	1436.4	-1.6	-0.5	1.2	8.8	0.6	-3382472	9.1	
22	246	1436.2	-1.1	1	1	8.5	0.7	-3404472	9	
22	245.7	1436	-1.3	-0.7	0.9	8.9	0.6	-3426760	8.8	
22	245.4	1436	-1.7	-0.3	1.1	8.2	0.6	-3443668	8.8	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
22	245.1	1435.9	-1.9	-1.4	1.2	8.5	0.4	-3455033	8.8	
22	244.8	1435.9	-1.1	0.4	1.4	9	0.1	-3460744	8.8	
22	244.5	1435.5	-1.4	0.1	1.4	8.8	-0.4	-3455033	9.1	
22	244.2	1435.3	-1.2	-0.5	1.5	10	-0.9	-3432378	9.6	
22	243.9	1435.1	-1.8	-0.7	1.6	8.8	-1.4	-3398945	9.8	
22	243.6	1434.6	0.2	1.3	1.6	10.9	-1.9	-3355369	9.8	
22	243.3	1434.1	0.3	2.3	1.5	10.7	-2.4	-3302445	9.7	
22	243	1433.4	0.8	2.4	1.1	11.6	-2.8	-3256221	9.7	
22	242.7	1433.2	-0.1	1.5	1	10.8	-3	-3221154	9.5	
22	242.4	1433	0.4	1.4	0.8	11.2	-3	-3186835	9.2	
22	242.1	1433	-0.2	1.4	0.9	9.6	-2.9	-3153238	8.8	
22	241.8	1433.1	0.2	1.2	0.9	10	-2.5	-3125000	8.5	
22	241.5	1433.4	-0.1	0.6	0.7	9.7	-1.9	-3106455	8.2	
22	241.2	1433.6	-0.6	0.3	0.6	7.6	-1.4	-3092689	7.8	
22	240.9	1433.9	-0.1	1.4	0.6	8.5	-0.8	-3079045	7.5	
22	240.6	1434.3	-0.5	1.1	0.6	6.9	-0.1	-3074523	7.4	
22	240.3	1434.4	-0.9	-0.5	0.5	7.4	0.3	-3074523	7.4	
22	240	1434.5	-2	-1.3	0.4	5.6	0.6	-3074523	7.6	
22	239.7	1434.5	-0.6	-0.1	0.4	8.2	0.7	-3079045	7.8	
22	239.4	1434.2	-1.5	-0.4	0.2	6.8	0.6	-3088127	8	
22	239.1	1434.2	-1.3	-1.1	0.4	7.4	0.4	-3106455	8.1	
22	238.8	1434.2	-1.1	-0.9	0.4	8.2	0.3	-3129672	8.4	
22	238.5	1434.1	-2.5	-3.2	0.6	6.6	-0.1	-3153238	8.6	
22	238.2	1434.3	-0.7	-0.9	0.9	9.2	-0.3	-3177163	8.6	
22	237.9	1434.1	-1.7	-1.1	1	7.6	-0.6	-3177163	8.6	
22	237.6	1433.9	-0.3	-0.8	0.9	9.8	-0.7	-3177163	8.7	
22	237.3	1433.8	-1.9	-1.7	1.1	7.3	-0.8	-3167550	8.8	
22	237	1433.7	-0.9	-1.2	1.2	9.4	-0.8	-3139056	8.8	
22	236.7	1433.4	-1.1	0.1	1	8.4	-0.7	-3088127	8.8	
22	236.4	1433.3	-1.1	-1.2	0.9	8.4	-0.6	-3034421	8.8	
22	236.1	1433.2	-0.9	-0.1	0.8	9.3	-0.6	-2982550	8.8	
22	235.8	1433.2	-2	-0.5	0.7	7.6	-0.6	-2932424	8.9	
22	235.5	1433.1	-0.6	2.5	0.6	9	-0.7	-2895920	8.9	
22	235.2	1432.9	-0.8	2.2	0.6	8.2	-0.9	-2872086	8.9	
22	234.9	1432.6	-0.2	2.9	0.5	9.7	-1.1	-2856413	8.9	
22	234.6	1432.4	-1.4	1.6	0.4	8.9	-1.4	-2860315	8.9	
22	234.3	1432	0	1.9	0.5	9.8	-1.7	-2887932	8.9	
22	234	1431.9	-0.2	3.3	0.6	9.4	-1.9	-2932424	8.9	
22	233.7	1431.8	-0.3	1.3	0.6	9.5	-2	-2991072	9	
22	233.4	1431.9	-0.6	0.5	0.8	10	-2.2	-3061039	9	
22	233.1	1432.3	0.2	1.5	1.2	10	-2.1	-3148497	9	
22	232.8	1432.5	0.2	1.9	1.3	9.8	-1.9	-3241100	9	
22	232.5	1432.6	-0.1	1.8	1.5	9.9	-1.7	-3328697	9	
22	232.2	1433	-1.9	-0.8	1.9	8.6	-1.6	-3404472	9.1	
22	231.9	1433.1	-0.6	0.8	2.1	9.3	-1.5	-3460744	9	
22	231.6	1433.1	-0.3	0.9	2	9.4	-1.3	-3483777	9	
22	231.3	1433.2	-0.6	1.2	2.1	9.1	-1.2	-3460744	9	
22	231	1433.4	-1.3	-1.5	2.2	8.9	-1.2	-3404472	9	
22	230.7	1433.4	-1.1	-1.4	2	8.7	-1.2	-3312896	9	
22	230.4	1433.3	-0.5	-1.3	1.8	9.6	-1.3	-3191693	8.9	
22	230.1	1433.1	-1.8	-1.7	1.6	8.1	-1.5	-3061039	8.9	
22	229.8	1433	-1.4	-1.8	1.5	9.6	-1.6	-2932424	9	
22	229.5	1432.9	-1.8	-1.6	1.5	8.9	-1.7	-2817968	9	
22	229.2	1432.9	-1.3	-1.5	1.5	9.2	-1.7	-2722692	9	
22	228.9	1432.8	-1.2	-1.1	1.3	9.2	-1.6	-2643624	9.1	
22	228.6	1432.9	-1.8	-1.2	1.2	9.4	-1.5	-2578510	9.3	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
22	228.3	1432.9	-1.8	-1.7	1	9.6	-1.3	-2537879	9.5	
22	228	1433.2	-2.5	-2	1.2	8.8	-1.2	-2513506	9.6	
22	227.7	1433.3	-1.9	-1	1.1	10.5	-1.1	-2504486	9.7	
22	227.4	1433.2	-2	0	0.9	9.6	-1	-2501494	9.7	
22	227.1	1433.2	-2.7	-2.1	0.6	9.4	-0.9	-2507486	9.7	
22	226.8	1433.2	-2.8	-1.3	0.5	8.8	-0.9	-2516527	9.7	
22	226.5	1433	-2	-0.7	0.3	9.8	-0.8	-2528684	9.7	
22	226.2	1433	-2.5	-1.4	0.1	9.4	-0.6	-2540959	9.7	
22	225.9	1433	-2.8	-0.3	0.1	9.1	-0.5	-2556472	9.7	
22	225.6	1433.2	-2.8	-2.1	-0.1	9.6	-0.3	-2572175	9.7	
22	225.3	1433.5	-3.6	-1.9	0	8.2	0	-2591275	9.5	
22	225	1433.6	-2.4	-2.1	0.3	9.1	0	-2613921	9	
22	224.7	1434	-2.9	-1	0.6	8.3	0.2	-2640291	8.5	
22	224.4	1434.2	-2.4	-1.5	0.7	8.5	0.3	-2677430	8.1	
22	224.1	1434.3	-3	-1.9	1.1	7.1	0.2	-2722692	7.8	
22	223.8	1434.2	-2.5	-1.4	1.2	7.7	0	-2773179	7.6	
22	223.5	1433.9	-2.6	-1.7	1.3	7.5	-0.3	-2829392	7.5	
22	223.2	1433.9	-3	-1	1.5	7.1	-0.5	-2895920	7.4	
22	222.9	1433.7	-2.8	-2.2	1.6	7.3	-0.9	-2969859	7.4	
22	222.6	1433.4	-3	-2.2	1.7	7	-1.3	-3038825	7.5	
22	222.3	1433.3	-2.6	-2.4	1.6	8	-1.6	-3101852	7.7	
22	222	1433.1	-2.7	-1.3	1.6	7.8	-1.9	-3162765	8.3	
22	221.7	1433	-2.6	-2.6	1.5	9.1	-2.1	-3221154	8.7	
22	221.4	1432.9	-2.6	-2.4	1.5	9	-2.3	-3271485	9.1	
22	221.1	1432.7	-2.4	-2.1	1.4	9.6	-2.4	-3312896	9.3	
22	220.8	1432.6	-2.6	-2	1.2	9.4	-2.5	-3344649	9.5	
22	220.5	1432.5	-1.7	-1.9	1.2	10.8	-2.5	-3360755	9.6	
22	220.2	1432.4	-2.7	-2.9	1.1	10.2	-2.5	-3382472	9.8	
22	219.9	1432.6	-2.9	-2.8	1.2	9.6	-2.4	-3410017	9.8	
22	219.6	1432.6	-1.9	0	1	10.7	-2.2	-3438014	9.8	
22	219.3	1433	-3	-2.4	1.2	9.2	-2	-3466474	9.9	
22	219	1433.2	-2.6	-2.3	1.4	9.6	-1.9	-3483777	9.9	
22	218.7	1433.6	-2.8	-2.2	1.6	9.7	-1.7	-3489584	9.9	
22	218.4	1433.8	-2	-0.7	1.4	10.4	-1.4	-3483777	9.9	
22	218.1	1434	-3	-1.9	1.3	8.5	-1.1	-3466474	9.9	
22	217.8	1434.2	-3.2	-2.7	1.4	8.7	-0.9	-3443668	9.8	
22	217.5	1434.3	-2.9	-1.1	1.3	9.4	-0.8	-3415580	9.8	
22	217.2	1434.5	-2.9	-1.5	1.3	8.6	-0.6	-3371579	9.8	
22	216.9	1434.5	-2	-0.2	1	9.9	-0.5	-3333997	9.7	
22	216.6	1434.6	-2.1	-0.8	1	9.6	-0.3	-3302445	9.7	
22	216.3	1434.8	-2.7	-1.5	0.9	9.1	-0.2	-3281740	9.6	
22	216	1435	-2.4	-0.6	0.9	8.5	-0.1	-3251165	9.5	
22	215.7	1435.1	-1.5	0.3	0.9	9.8	-0.1	-3221154	9.4	
22	215.4	1435.1	-1.5	1	0.9	9.4	-0.1	-3181991	9.3	
22	215.1	1435.1	-2	-0.1	1	9.5	-0.2	-3134357	9.3	
22	214.8	1435	-1.4	0.6	0.8	9.6	-0.3	-3101852	9.2	
22	214.5	1435	-1.3	1.4	0.6	9.2	-0.3	-3061039	9.2	
22	214.2	1434.7	-1.3	1.5	0.2	9.4	-0.4	-3016931	9.2	
22	213.9	1434.7	-1.6	0.4	0	9.3	-0.5	-2982550	9.2	
22	213.6	1434.6	-0.7	1.8	-0.4	10.3	-0.5	-2965652	9.2	
22	213.3	1434.5	-0.8	2	-0.7	9.5	-0.5	-2965652	9.2	
22	213	1434.4	0.1	2.9	-1.2	10.6	-0.3	-2974077	9.2	
22	212.7	1434.4	-1.5	2.1	-1.4	8.7	-0.3	-2999642	9.2	
22	212.4	1434.6	-0.7	1.7	-1.3	9.8	-0.3	-3038825	9.2	
22	212.1	1434.9	-0.5	2.4	-1.1	9.5	-0.3	-3088127	9.2	
22	211.8	1435.1	-1	1.4	-0.7	9.6	-0.3	-3148497	9.2	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
22	211.5	1435.6	-0.6	2.4	-0.2	9.9	-0.3	-3211273	9.1	
22	211.2	1436	-1.2	1.3	0.6	9.4	-0.4	-3276605	9.1	
22	210.9	1436.4	-0.7	1.9	1.4	10	-0.6	-3339315	9.1	
22	210.6	1436.7	-1.1	1.9	2.2	9	-0.9	-3404472	9	
22	210.3	1437.1	0.1	2.9	3	11	-0.9	-3460744	9	
22	210	1437.4	-1.1	1.9	3.7	9	-1	-3518908	9	
22	209.7	1437.6	-0.3	2.3	4.1	10.1	-1.1	-3566866	9	
22	209.4	1437.6	-1.5	1.2	4.2	8.1	-1.2	-3603701	9	
22	209.1	1437.4	-1.1	1.5	4	8.4	-1.4	-3634983	9	
22	208.8	1437.1	-2.2	0.4	3.6	7.6	-1.5	-3666813	9.1	
22	208.5	1436.7	-2.3	0.1	3.1	8.3	-1.6	-3699205	9.2	
22	208.2	1436.3	-2.4	0.2	2.5	7.9	-1.6	-3712323	9.2	
22	207.9	1435.6	-2.3	-0.6	1.6	7.6	-1.6	-3712323	9.2	
22	207.6	1434.9	-1.5	1.2	0.7	8.3	-1.6	-3705753	9.2	
22	207.3	1434.3	-2.3	0.6	0.3	7.2	-1.8	-3692681	9.2	
22	207	1434.1	-0.3	1.6	0	11	-1.6	-3654014	9.2	
22	206.7	1434	-0.4	2.6	0	9.6	-1.5	-3597509	9.1	
22	206.4	1434	-0.2	2.4	-0.1	10.5	-1.2	-3524832	9.1	
22	206.1	1434	-2.1	0.7	0.2	8	-1.2	-3443668	9	
22	205.8	1434.1	-1.1	0.9	0.3	9.6	-1.1	-3355369	9	
22	205.5	1434.2	-1.5	1.5	0.7	8.6	-1.1	-3271485	8.8	
22	205.2	1434.2	0	3.2	0.8	9.6	-1	-3196565	8.8	
22	204.9	1434	-0.4	2.5	0.7	9.3	-0.7	-3148497	8.8	
22	204.6	1433.8	-2.6	0.3	0.7	6	-0.7	-3125000	8.8	
22	204.3	1433.5	-0.7	1.3	0.6	8	-0.7	-3125000	8.8	
22	204	1433.5	-0.9	1.2	0.6	7.9	-0.6	-3143769	8.8	
22	203.7	1433.4	0	2.7	0.3	10.2	-0.4	-3181991	8.8	
22	203.4	1433.5	-1.1	1.3	0.4	8.2	-0.3	-3231096	8.8	
22	203.1	1433.6	-0.2	1.3	0.5	9.2	-0.3	-3281740	8.8	
22	202.8	1433.8	-0.1	1.4	0.7	8.7	-0.3	-3323413	8.8	
22	202.5	1433.7	0.5	2.5	0.8	9	-0.4	-3355369	8.8	
22	202.2	1433.5	0.7	2.1	1	10.6	-0.5	-3377017	9	
22	201.9	1433.3	0.5	1.8	1.2	9.6	-0.6	-3377017	9.1	
22	201.6	1433	0.2	1.5	1.3	9.3	-0.8	-3360755	9.1	
22	201.3	1432.9	-0.7	0.9	1.5	8.6	-1	-3318146	9.1	
22	201	1432.7	0.1	0.8	1.4	9.9	-1.2	-3256221	9.1	
22	200.7	1432.6	0.4	1.2	1.4	9.9	-1.3	-3186835	9.1	
22	200.4	1432.6	0	-0.1	1.4	9.2	-1.5	-3120343	9	
22	200.1	1432.5	1	2.5	1.3	9.5	-1.5	-3043242	9	
22	199.8	1432.2	0.7	1.4	1.1	9.3	-1.6	-2961457	9	
22	199.5	1431.9	0.7	1.2	0.8	9.6	-1.6	-2879987	9	
22	199.2	1431.5	0.9	1.9	0.4	9.8	-1.5	-2802879	9	
22	198.9	1431.3	-0.3	0.3	0.1	9	-1.4	-2740511	9	
22	198.6	1431.4	-0.3	0.9	0.1	8.8	-1.2	-2701613	9	
22	198.3	1431.4	-0.6	0.1	0.1	8.5	-1.2	-2684295	9	
22	198	1431.6	-0.3	0.8	0.1	9.4	-1.1	-2684295	9	
22	197.7	1431.8	0.5	0.4	0.2	9.4	-1	-2694660	9	
22	197.4	1431.9	0.1	1.2	0.3	9	-1	-2719156	9	
22	197.1	1432.1	-0.3	0	0.8	8.8	-1.2	-2765853	9	
22	196.8	1432.2	-0.1	1.4	1.1	9.2	-1.4	-2814181	9	
22	196.5	1432.4	0.2	1.3	1.3	10.4	-1.5	-2864228	9	
22	196.2	1432.3	-0.3	1.9	1.3	9.6	-1.6	-2899931	9	
22	195.9	1432.4	-0.6	1.7	1.5	9.9	-1.7	-2924232	9	
22	195.6	1432.5	-1.5	0.9	1.4	9.4	-1.7	-2936536	8.9	
22	195.3	1432.6	-0.9	1.4	1.2	9.2	-1.6	-2944797	8.8	
22	195	1432.9	-0.4	1.1	1	10.5	-1.2	-2940661	8.8	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
22	194.7	1433.1	-1	1.3	0.8	9	-0.8	-2916087	8.8	
22	194.4	1433.5	-1.6	-1.3	0.8	9	-0.3	-2887932	8.8	
22	194.1	1433.8	-2.2	-1.8	0.8	8	0	-2864228	8.8	
22	193.8	1433.8	-1.6	-1.4	0.7	8.9	0.3	-2840910	8.8	
22	193.5	1433.9	-2.4	-0.3	0.7	8.7	0.5	-2810403	9.1	
22	193.2	1434	-3.8	-2.7	0.9	7.6	0.5	-2776857	9.4	
22	192.9	1434.1	-3.1	-1.6	0.9	8.8	0.5	-2751315	9.6	
22	192.6	1434.2	-4.3	-4.3	1.2	6.7	0.3	-2726238	9.6	
22	192.3	1434.2	-2	-1.6	1.4	9.6	0.1	-2708603	9.6	
22	192	1433.8	-3.6	-1	1.2	8.2	-0.3	-2694660	9.6	
22	191.7	1433.7	-3.1	-2.4	1.3	9.2	-0.6	-2687741	9.4	
22	191.4	1433.4	-3	-2.1	1.5	9.2	-1.1	-2694660	9.3	
22	191.1	1433	-3.3	-3.3	1.4	8.1	-1.6	-2715630	9.2	
22	190.8	1432.7	-2.4	-1.3	1.2	9.6	-2	-2747704	9.2	
22	190.5	1432.7	-3.6	-3.4	1.4	8.3	-2.3	-2784243	9.2	
22	190.2	1432.5	-2.4	-2.3	1.4	10	-2.6	-2829392	9.3	
22	189.9	1432.3	-2.9	-3.4	1.2	8	-2.9	-2876031	9.5	
22	189.6	1432.2	-2.7	-3.4	1.2	9.5	-3.1	-2928322	9.8	
22	189.3	1432.1	-3.5	-4	1	9.3	-3.2	-2978308	10.6	
22	189	1432.1	-4.1	-4.3	0.8	9.4	-3.1	-3016931	10.9	
22	188.7	1432.5	-2	-1.3	0.7	11.2	-2.6	-3043242	10.7	
22	188.4	1432.9	-1.7	-1.8	0.7	10.3	-2.1	-3056570	10.4	
22	188.1	1433.1	-2.2	-2.6	0.3	9.9	-1.6	-3056570	10.1	
22	187.8	1433.3	-1.9	-1.9	0.2	9.1	-1.3	-3047672	9.4	
22	187.5	1433.8	-0.8	-1.8	0.4	10	-0.9	-3034421	8.8	
22	187.2	1434.4	-1.2	-1.9	0.7	8.4	-0.5	-3025651	8.1	
22	186.9	1434.9	-1.2	-1.9	1.1	8.4	-0.3	-3025651	7.7	
22	186.6	1435.4	-2.1	-3	1.5	7.6	-0.2	-3030029	7.4	
22	186.3	1435.8	-1.7	-1.4	1.9	7.3	-0.3	-3038825	7.3	
22	186	1435.9	-0.8	-0.5	2.1	7.8	-0.6	-3052114	7.3	
22	185.7	1436.2	-0.4	0.2	2.6	8.1	-0.8	-3074523	7.3	
22	185.4	1436.3	-0.8	-0.5	2.8	7.9	-0.9	-3097264	7.8	
22	185.1	1436.4	-1.2	-1.7	3	7.5	-1.1	-3111070	8.1	
22	184.8	1436.3	-0.3	-0.4	3	9.2	-1.3	-3101852	8.3	
22	184.5	1436.2	-0.2	0.1	2.9	9.4	-1.4	-3070015	8.5	
22	184.2	1436	-0.5	-0.4	2.3	10.4	-1.3	-3012590	9	
22	183.9	1435.9	-1.4	-1.6	2	9.5	-1.2	-2944797	9.3	
22	183.6	1435.8	-0.9	-0.6	1.7	9.9	-1.2	-2868151	9.5	
22	183.3	1435.7	-0.2	0.4	1.4	10.3	-1.2	-2784243	9.6	
22	183	1435.5	0.1	1.6	1	10.9	-1	-2705104	9.6	
22	182.7	1435.1	-0.4	0.5	0.5	10.5	-1	-2633648	9.6	
22	182.4	1434.9	-1.2	-0.8	0.2	9.4	-0.9	-2572175	9.7	
22	182.1	1434.5	-0.9	0.1	-0.2	9.8	-0.9	-2522591	9.7	
22	181.8	1434.5	-1.8	-0.2	-0.2	8.4	-0.8	-2489596	9.7	
22	181.5	1434.5	-1.5	0.7	-0.4	9.3	-0.6	-2471960	9.6	
22	181.2	1434.7	-1.7	-0.1	-0.3	8.6	-0.4	-2474882	9.6	
22	180.9	1434.8	-1.4	1	-0.2	8.4	-0.3	-2495531	9.5	
22	180.6	1434.8	-1.5	2.3	0.1	8.4	-0.3	-2537879	9.4	
22	180.3	1434.8	-1.3	1.8	0.3	7.8	-0.3	-2591275	9.2	
22	180	1434.9	-1.5	2.8	0.5	8.2	-0.3	-2660420	9.2	
22	179.7	1435	-1.8	0.2	0.8	7	-0.3	-2747704	8.9	
22	179.4	1435	-0.4	3.2	0.8	9.2	-0.4	-2848640	8.7	
22	179.1	1435	-1	2.1	1.1	8	-0.6	-2961457	8.6	
22	178.8	1434.9	-0.6	2.4	0.9	8.5	-0.8	-3070015	8.5	
22	178.5	1434.9	-0.3	3	0.9	8.3	-0.9	-3153238	8.5	
22	178.2	1434.6	-1.2	1.2	1	7.8	-1.2	-3211273	8.4	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
22	177.9	1434.5	0.5	4.1	0.9	9.1	-1.3	-3241100	8.2	
22	177.6	1434.6	0.2	2.6	0.9	8.8	-1.3	-3246125	8.1	
22	177.3	1434.6	1.1	4	0.8	9.7	-1.2	-3226118	8.1	
22	177	1434.7	0.1	2.8	0.9	7.9	-1.2	-3181991	8.1	
22	176.7	1434.6	0.6	4.1	0.9	9.1	-1.3	-3129672	8.1	
22	176.4	1434.9	0.6	4.7	1.2	8.8	-1.3	-3079045	8.1	
22	176.1	1434.9	1.2	3.2	1.1	9.6	-1.3	-3038825	8.5	
22	175.8	1434.9	0.4	2.1	1.2	9.2	-1.2	-3016931	8.9	
22	175.5	1435	0.5	2.7	1.3	9.4	-1.2	-3008262	9.1	
22	175.2	1435	0.6	2.5	1.4	9.3	-1.3	-3008262	9.2	
22	174.9	1435	0.8	1.6	1.6	9.6	-1.4	-3025651	9.3	
22	174.6	1434.9	1	2.2	1.5	10.4	-1.5	-3056570	9.5	
22	174.3	1434.9	0.2	1.4	1.8	10	-1.6	-3101852	9.6	
22	174	1435	0.5	2.6	1.7	10.4	-1.6	-3143769	9.7	
22	173.7	1435.2	0.5	2.2	2.1	10	-1.6	-3181991	9.7	
22	173.4	1435.1	1.5	2.3	2.2	11.4	-1.7	-3221154	9.7	
22	173.1	1435.3	0	0.4	2.5	9.9	-1.7	-3266381	9.7	
22	172.8	1435.2	0.8	1.6	2.5	11.4	-1.6	-3302445	9.7	
22	172.5	1435.1	0	1.2	2.5	10.2	-1.6	-3333997	9.7	
22	172.2	1435	0.1	0.4	2.5	10.2	-1.5	-3350000	9.6	
22	171.9	1434.9	-0.9	-0.7	2.3	9.6	-1.4	-3355369	9.6	
22	171.6	1434.9	-1	-0.5	2	9.9	-1.2	-3350000	9.6	
22	171.3	1434.6	-0.9	0.5	1.2	10	-1	-3323413	9.6	
22	171	1434.4	-0.8	0.1	0.8	9.1	-0.9	-3271485	9.6	
22	170.7	1434	-0.9	-0.7	-0.1	9.9	-0.6	-3206356	9.6	
22	170.4	1433.6	-2.4	-2.5	-0.5	7.8	-0.6	-3129672	9.5	
22	170.1	1433.4	-1.7	-1.3	-0.8	9.1	-0.5	-3052114	9.1	
22	169.8	1433.1	-1.9	-0.7	-1.3	8.1	-0.4	-2974077	8.8	
22	169.5	1433.1	-1.9	-1	-1.3	8.1	-0.4	-2899931	8.5	
22	169.2	1433.2	-3	-1.2	-1.4	6.8	-0.4	-2837060	8.4	
22	168.9	1433.5	-3	-1.5	-0.8	6.4	-0.6	-2787950	8.1	
22	168.6	1433.8	-2.1	-0.4	-0.2	7.4	-0.8	-2754935	8	
22	168.3	1434.1	-2.4	-1	0.4	6.8	-0.9	-2733356	8	
22	168	1434.2	-2.1	-0.6	0.9	8	-1	-2733356	8.2	
22	167.7	1434.2	-3.4	-2.1	1.3	6.2	-1.2	-2744103	8.3	
22	167.4	1434.5	-2.5	-1	1.9	7.6	-1.3	-2762204	8.4	
22	167.1	1434.8	-2.1	-0.3	2.4	7.8	-1.4	-2784243	8.6	
22	166.8	1435.1	-1.9	-1.5	2.7	9	-1.4	-2814181	8.8	
22	166.5	1435.2	-1.7	-0.7	2.7	9	-1.3	-2852521	9.1	
22	166.2	1435.3	-2.3	-1.7	2.7	8.8	-1.2	-2899931	9.4	
22	165.9	1435.2	-1.5	-1.2	2.4	9.7	-1.1	-2953103	9.5	
22	165.6	1435	-1.3	-0.1	2	9.9	-1	-3008262	9.6	
22	165.3	1434.8	-0.9	-1.4	1.7	10.7	-0.9	-3061039	9.9	
22	165	1434.7	-1.6	-1.8	1.3	9.8	-0.7	-3115700	10	
22	164.7	1434.6	-0.8	-1.9	1.1	10.7	-0.6	-3167550	10.1	
22	164.4	1434.5	-1.2	-1.3	0.6	10.2	-0.4	-3216206	10.1	
22	164.1	1434.1	-0.3	-0.9	0.2	11	-0.4	-3256221	10.1	
22	163.8	1433.8	-1.3	-1.9	-0.1	10.2	-0.4	-3286892	10	
22	163.5	1433.7	-1	-2.2	-0.1	10.4	-0.4	-3302445	10	
22	163.2	1433.8	-1	-1.4	0.1	9.7	-0.3	-3312896	9.6	
22	162.9	1433.8	0	-0.5	0.3	10	-0.3	-3307662	9.2	
22	162.6	1433.7	-0.4	-1	0.4	9.8	-0.4	-3286892	9.1	
22	162.3	1433.5	-0.7	-1.5	0.4	9.5	-0.6	-3266381	9	
22	162	1433.5	-0.6	-1.6	0.6	9.7	-0.8	-3251165	9	
22	161.7	1433.5	-0.8	-1	0.8	8.7	-0.9	-3246125	9	
22	161.4	1433.3	-0.8	-1.3	0.9	9.2	-1.1	-3246125	9	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
22	161.1	1433.2	-1.2	-1.7	1	8.8	-1.4	-3246125	9	
22	160.8	1433	-0.8	-2.3	0.8	9.5	-1.6	-3256221	9	
22	160.5	1432.9	-0.8	-0.8	0.7	8.6	-1.9	-3271485	9	
22	160.2	1432.8	-0.5	-1.3	0.6	9.5	-2	-3318146	9.2	
22	159.9	1432.9	-1.7	-1.7	0.9	8.3	-2.1	-3382472	9.4	
22	159.6	1433	-1.4	-1.5	0.9	8.8	-2.1	-3460744	9.4	
22	159.3	1433.2	-0.7	0.2	0.9	10	-2	-3548729	9.4	
22	159	1433.3	-0.7	0.3	1	9.5	-1.9	-3634983	9.4	
22	158.7	1433.5	-1	-0.1	1	9.6	-1.7	-3732175	9.4	
22	158.4	1433.8	-1.7	-0.9	1.2	8.4	-1.5	-3848806	9.3	
22	158.1	1434.3	-0.7	0.2	1.4	10.2	-1.2	-3950472	9.2	
22	157.8	1434.7	-1.1	1.3	1.6	9.1	-1	-4011016	9	
22	157.5	1434.8	-0.4	1.3	1.5	10.2	-0.8	-4041989	8.8	
22	157.2	1434.9	-0.9	1	1.4	9.6	-0.6	-4049807	8.8	
22	156.9	1435.1	-1.8	0.1	1.3	9.4	-0.4	-4049807	8.7	
22	156.6	1435.2	-0.8	2.2	1.3	9.4	-0.3	-4041989	8.6	
22	156.3	1435.3	-1.3	1.7	1.1	9.2	-0.1	-4034201	8.5	
22	156	1435.3	-0.8	1.3	1.1	9.6	0	-4011016	8.5	
22	155.7	1435.4	-2.6	-0.2	1	7.8	0.1	-3980514	8.5	
22	155.4	1435.3	-1.9	0.2	1	9	0	-3943032	8.5	
22	155.1	1435.4	-1.9	1.5	1.2	7.9	-0.1	-3898976	8.5	
22	154.8	1435.1	-1.9	0.6	1.1	8.3	-0.3	-3855894	9	
22	154.5	1435.2	-4.2	-2.1	1.2	6.9	-0.5	-3813753	9.8	
22	154.2	1435.1	-2.5	-0.6	1.4	8.5	-0.8	-3758977	10.2	
22	153.9	1435	-3	-1.3	1.5	8.4	-1	-3712323	10.3	
22	153.6	1434.6	-2	0.3	1.4	9.1	-1.3	-3679702	10.5	
22	153.3	1434.3	-3	-1.5	1.2	10	-1.5	-3654014	11.4	
22	153	1434	-3.7	-2.4	1.2	9.2	-1.8	-3628683	11.8	
22	152.7	1433.8	-2.2	-1.3	0.9	10.8	-2	-3609914	11.9	
22	152.4	1433.8	-1.5	0.1	1	11.2	-2	-3603701	11.7	
22	152.1	1433.8	-0.7	0.1	0.6	13.5	-1.8	-3609914	11.4	
22	151.8	1433.8	-0.7	0.5	0.3	12.5	-1.5	-3634983	11.1	
22	151.5	1433.8	-0.9	-0.6	0.1	12.3	-1.2	-3660403	10.6	
22	151.2	1433.7	-0.5	0.8	-0.1	11.7	-1	-3699205	10.2	
22	150.9	1433.8	-0.6	0.4	-0.3	11.8	-0.7	-3752241	9.6	
22	150.6	1433.9	-0.2	0.8	-0.4	11.6	-0.3	-3799910	8.9	
22	150.3	1434.4	-0.3	-0.3	0	10.3	0.3	-3848806	8.2	
22	150	1434.6	-0.1	0.3	-0.1	9.4	0.7	-3898976	7.5	
22	149.7	1434.8	-1.3	-0.6	0	7	1	-3943032	7.2	
22	149.4	1434.9	-1.6	-1	0	8	1.1	-3980514	6.9	
22	149.1	1434.8	-2.1	-1.3	0	6.1	1	-4018714	6.7	
22	148.8	1435	-2	-1.2	0.4	4.8	0.9	-4057655	6.3	
22	148.5	1435.3	-2.5	-1.3	0.8	5.1	0.9	-4089356	6.1	
22	148.2	1435.1	-2.1	-1.3	0.9	5.3	0.5	-4113458	6.1	
22	147.9	1434.5	-2.6	-1.8	0.7	4.6	-0.2	-4113458	6.2	
22	147.6	1434.2	-2.4	-1.9	1	4.2	-0.8	-4113458	6.3	
22	147.3	1433.9	-1.5	0.2	1	5.6	-1.2	-4105393	6.4	
22	147	1433.8	-4.6	-3.2	1.2	4.6	-1.4	-4089356	8.2	
22	146.7	1433.8	-2.1	-1.4	1.4	7.8	-1.5	-4065534	8.7	
22	146.4	1433.7	-0.5	0.2	1	10.2	-1.4	-4041989	9.2	
22	146.1	1433.5	-2.4	-1.4	0.8	9	-1.5	-4003346	10.3	
22	145.8	1433.5	-2.4	-0.7	0.8	9.2	-1.5	-3980514	10.8	
22	145.5	1433.5	-1.7	-1	1	9.8	-1.5	-3957940	10.9	
22	145.2	1433.3	-0.5	0.6	0.7	11.4	-1.5	-3943032	11	
22	144.9	1433.3	0	0.4	0.6	11.2	-1.3	-3950472	11	
22	144.6	1433.2	-0.3	0.6	0.4	13.2	-1.2	-3988096	11	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
22	144.3	1433	-0.3	1.5	0.2	11.9	-1.2	-4034201	11	
22	144	1433.2	-1	-0.2	0.2	10.4	-1.1	-4105393	10.9	
22	143.7	1433.2	0.2	1.5	0.1	12.2	-0.9	-4187500	10.8	
22	143.4	1433.4	0.6	1.4	0.1	12.6	-0.8	-4272960	10	
22	143.1	1433.6	1.4	4	0.2	12.5	-0.7	-4398635	9.3	
22	142.8	1434	0.6	2.5	0.6	9.9	-0.6	-4551631	8.6	
22	142.5	1434	1	2.9	0.5	9.7	-0.5	-4715653	8.2	
22	142.2	1434.1	-0.5	1.4	0.8	8.5	-0.5	-4869186	7.9	
22	141.9	1434.2	-0.3	3.9	0.9	8.4	-0.4	-5008972	7.7	
22	141.6	1434.4	-0.4	2.1	1.3	8.2	-0.5	-5094283	7.3	
22	141.3	1434.5	0	3	1.4	8.8	-0.5	-5131741	7.2	
22	141	1434.7	-1.7	0.3	1.6	6.2	-0.6	-5106708	7.2	
22	140.7	1434.7	-1.8	1.2	1.7	5.8	-0.9	-5045181	7.2	
22	140.4	1434.6	-0.9	2.8	1.7	7.3	-1.2	-4914906	7.5	
22	140.1	1434.6	-1	1.2	1.8	7.4	-1.3	-4705057	7.9	
22	139.8	1434.4	-1.8	-0.3	1.7	7.8	-1.5	-4445329	8.2	
22	139.5	1434.3	-1.7	-1	1.6	7.7	-1.6	-4162525	8.3	
22	139.2	1433.9	-1.7	-1	0.9	8.4	-1.5	-3898976	9.1	
22	138.9	1434	-3.3	-2.4	0.9	6.9	-1.4	-3686180	9.5	
22	138.6	1434	-2	-1.5	0.8	9.6	-1.3	-3518908	9.7	
22	138.3	1434.1	-2.1	-1.5	0.7	9.2	-1.2	-3382472	9.8	
22	138	1434.1	-1.9	-1.7	0.7	9.2	-1.2	-3281740	9.8	
22	137.7	1434.3	-2	-1.7	0.6	8.5	-1	-3231096	9.9	
22	137.4	1434.4	-2.2	-2.1	0.7	8.9	-0.9	-3216206	10.1	
22	137.1	1434.5	-1.9	-0.6	0.8	9.3	-0.8	-3231096	10.1	
22	136.8	1434.5	-1.6	0	0.9	10.6	-0.7	-3266381	10.1	
22	136.5	1434.5	-1.4	0.7	0.8	10.6	-0.6	-3297245	10.1	
22	136.2	1434.4	-2.1	-0.1	0.6	9.9	-0.6	-3312896	10.1	
22	135.9	1434.4	-1.2	1.3	0.2	10.7	-0.3	-3328697	9.9	
22	135.6	1434.6	-1.8	0.3	0.5	8.5	-0.2	-3360755	9.5	
22	135.3	1434.8	-0.1	2.5	0.7	10.6	-0.2	-3404472	8.6	
22	135	1434.9	-0.2	2.2	0.5	9.8	0	-3466474	8.2	
22	134.7	1434.8	-0.4	1.1	0.2	9.2	0.2	-3530776	8.3	
22	134.4	1434.8	-2.6	2	0.4	7.1	0.1	-3591338	8.4	
22	134.1	1434.7	-0.5	1.6	0.3	9.2	0.1	-3660403	8.4	
22	133.8	1434.7	-1.8	-1.3	0.5	8.2	0	-3732175	8.4	
22	133.5	1434.8	-1.8	0.6	1	8.4	-0.3	-3806819	8.2	
22	133.2	1434.5	0.3	2.7	0.4	9.6	-0.1	-3870148	8.1	
22	132.9	1434.4	-2.2	-0.5	0.4	6.7	-0.2	-3920881	8.1	
22	132.6	1434.3	-1.5	-1	0.6	7.8	-0.4	-3950472	8.1	
22	132.3	1434.3	-0.8	-0.8	0.9	8.8	-0.6	-3950472	8	
22	132	1434.2	-1	-0.7	0.8	9.8	-0.6	-3928237	8	
22	131.7	1434.1	-1.2	-0.9	1.1	8.1	-0.8	-3877315	8	
22	131.4	1433.9	-1	0	0.8	9.1	-0.9	-3827697	8.2	
22	131.1	1433.9	-2.8	-3	0.9	6.9	-1.2	-3786167	8.4	
22	130.8	1433.8	-0.6	-1.2	0.8	8.7	-1.2	-3758977	9.3	
22	130.5	1433.6	-1.4	-2.8	0.8	10	-1.4	-3752241	9.8	
22	130.2	1433.4	-2.2	-2.8	0.7	9	-1.6	-3765738	10.6	
22	129.9	1433.2	-2.8	-3.8	0.7	8	-1.9	-3793026	11.1	
22	129.6	1433.1	-3	-2.5	0.9	8.2	-2.2	-3855894	11.7	
22	129.3	1433	-2.1	-1.8	1	9	-2.3	-3950472	12	
22	129	1433.3	-2	-1.6	1.4	9	-2.1	-4049807	11.8	
22	128.7	1433.6	-0.7	-0.7	1.6	11.2	-1.8	-4146040	11.3	
22	128.4	1433.9	-0.2	1.5	1.6	10.2	-1.5	-4221271	10.7	
22	128.1	1434	-1.1	0.7	1.6	9	-1.4	-4272960	10.3	
22	127.8	1434.3	0.4	1.3	1.5	11	-1.2	-4299282	10.1	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
22	127.5	1434.4	1.4	2.4	1.4	11.8	-1.1	-4281698	9.9	
22	127.2	1434.6	2	3.8	1.4	12.1	-0.9	-4221271	9.5	
22	126.9	1434.5	2.9	4.6	1.1	12.4	-0.7	-4129685	9.3	
22	126.6	1434.1	2.5	4.2	0.7	12.8	-0.9	-4011016	9.5	
22	126.3	1433.8	1.6	4.9	0.4	11.5	-1.1	-3884509	10.1	
22	126	1433.8	1.1	3.1	0.3	11.5	-1.2	-3752241	10.3	
22	125.7	1434.1	1.8	3.9	0.3	13.2	-0.9	-3609914	10.5	
22	125.4	1434.5	1.1	3	0.4	11.6	-0.7	-3472223	10.4	
22	125.1	1434.9	1.8	3.8	0.3	11.8	-0.4	-3355369	9.8	
22	124.8	1435.2	1.8	4	0.3	10.6	-0.2	-3246125	9.2	
22	124.5	1435.2	1.8	3.7	0.3	9.4	-0.2	-3143769	8.2	
22	124.2	1435.3	0.5	2.1	0.4	8.5	-0.1	-3061039	7.7	
22	123.9	1435.3	1.1	2.5	0.5	7.9	0	-2986805	6.9	
22	123.6	1435.5	0.1	2.2	0.4	6.5	0.2	-2924232	6.3	
22	123.3	1435.4	-0.7	0.5	0.2	5.1	0.1	-2879987	6.1	
22	123	1435.3	-0.5	1.3	0	5.6	0	-2833221	6.1	
22	122.7	1435.6	-1.8	-1.7	0.3	4.2	-0.2	-2791667	6.2	
22	122.4	1435.6	-1.2	-1	0.5	4.8	-0.5	-2758564	6.3	
22	122.1	1435.7	-1.8	-1.4	0.7	4.8	-0.8	-2736929	6.9	
22	121.8	1435.8	-3.1	-0.5	0.9	5.6	-1.1	-2715630	8.4	
22	121.5	1435.8	-1.4	-0.9	1	8.1	-1.2	-2712112	9.3	
22	121.2	1436	-1.3	0.5	1.1	9	-1.1	-2719156	9.7	
22	120.9	1436.1	-1.1	0.7	1.4	9.9	-1	-2744103	9.8	
22	120.6	1436	-1.2	-1.5	1.5	9.4	-1	-2776857	9.9	
22	120.3	1436	-1.5	0.7	1.7	9.9	-1	-2821766	9.9	
22	120	1436.1	-1.2	0.3	1.9	9.6	-0.9	-2879987	9.9	
22	119.7	1436.4	-1.2	-0.4	2.1	10.4	-0.6	-2957275	9.8	
22	119.4	1436.7	-1.1	-0.1	2.1	10.6	-0.3	-3047672	9.7	
22	119.1	1436.6	-1.5	-0.3	2.1	9.1	-0.2	-3139056	9.5	
22	118.8	1436.5	-1.4	-0.4	1.9	8.9	-0.2	-3221154	9.3	
22	118.5	1436.1	-1.7	1.1	1.6	8.5	-0.4	-3281740	8.9	
22	118.2	1435.6	-0.8	-0.2	1.4	9	-0.6	-3323413	8.7	
22	117.9	1435	-1.1	0.3	1	8.4	-0.9	-3350000	8.5	
22	117.6	1434.5	-0.5	1.7	0.7	9	-1.2	-3360755	8.6	
22	117.3	1434.1	-1.7	1.1	0.5	7.7	-1.6	-3371579	8.6	
22	117	1433.9	-0.8	2.2	0.2	9.4	-1.9	-3371579	8.7	
22	116.7	1433.7	-0.9	1.2	0.2	8.8	-2.2	-3360755	8.8	
22	116.4	1433.7	-0.7	1.3	0.2	9.3	-2.3	-3360755	9.1	
22	116.1	1433.7	-1.5	-0.8	0.5	8.9	-2.5	-3366158	9.4	
22	115.8	1433.7	-0.9	-0.7	0.7	9.6	-2.5	-3366158	9.6	
22	115.5	1433.8	-0.4	0.7	1	10.4	-2.5	-3339315	9.6	
22	115.2	1434	-0.5	-0.9	1.2	10	-2.3	-3297245	9.7	
22	114.9	1434.1	-0.4	-1.8	1.3	10.6	-2.1	-3226118	9.7	
22	114.6	1434.6	-1.9	-3.9	1.7	8.4	-1.9	-3143769	9.6	
22	114.3	1434.8	-0.3	-3.2	1.8	10.4	-1.7	-3056570	9.4	
22	114	1435	-0.4	-2.9	1.9	9.8	-1.6	-2969859	9.4	
22	113.7	1435.2	-0.3	-1.9	2	10.2	-1.5	-2883954	9.3	
22	113.4	1435.3	-0.9	-2	2	9.6	-1.4	-2802879	9.3	
22	113.1	1435.5	-1.3	-3.1	2.1	9.2	-1.3	-2733356	9.3	
22	112.8	1435.7	-1	-2.1	2.1	9.7	-1.3	-2677430	9.3	
22	112.5	1435.7	-0.9	-2.7	2	10	-1.3	-2633648	9.3	
22	112.2	1435.7	-0.6	-2.4	1.7	10.7	-1.2	-2600932	9.3	
22	111.9	1435.7	-1.7	-3.5	1.7	10	-1.2	-2578510	9.3	
22	111.6	1435.8	-0.9	-1.4	1.6	10.4	-0.9	-2569019	9.3	
22	111.3	1435.8	-1	-2.1	1.5	10.9	-0.7	-2562730	9.3	
22	111	1435.7	-1.4	-1.5	1.2	10.8	-0.5	-2550244	9.3	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
22	110.7	1435.7	-2.1	-1.4	0.9	10.6	-0.3	-2534807	9.3	
22	110.4	1435.7	-2.3	-1.8	0.8	10.1	-0.2	-2516527	9.2	
22	110.1	1435.8	-2.7	-0.9	0.9	9.2	-0.1	-2492560	9.2	
22	109.8	1435.7	-2.1	-0.9	0.6	10.4	0	-2460341	9.3	
22	109.5	1435.6	-4.5	-2.7	0.6	8.7	-0.1	-2420521	9.6	
22	109.2	1435.2	-3.6	-0.5	0.4	9.5	-0.3	-2371178	10	
22	108.9	1434.9	-4.8	-3.4	0.3	8.8	-0.4	-2318661	10.3	
22	108.6	1434.7	-4.9	-3.6	0.6	9.6	-0.6	-2265964	10.5	
22	108.3	1434.6	-5.4	-4.3	0.7	10.1	-0.7	-2222665	10.9	
22	108	1434.4	-5.4	-4.2	0.9	10.2	-0.9	-2185544	11	
22	107.7	1434.3	-4.5	-3	0.8	11.4	-1	-2158506	11.1	
22	107.4	1434.5	-5.7	-4.5	1.1	9.1	-0.9	-2143041	11	
22	107.1	1434.5	-5.5	-4.3	1.1	10	-0.9	-2138663	10.7	
22	106.8	1434.4	-5.4	-4.3	1.2	9.8	-0.9	-2145236	10.5	
22	106.5	1434.1	-5.7	-4.2	0.9	9.6	-0.9	-2158506	10.3	
22	106.2	1433.7	-6.6	-5.2	0.6	8	-1	-2176456	10.2	
22	105.9	1433.4	-7.1	-5.4	0.5	8.2	-1.2	-2199318	9.9	
22	105.6	1433.2	-6.9	-6.1	0.4	8.3	-1.4	-2229766	9.7	
22	105.3	1433.2	-6.8	-5.7	0.4	7.4	-1.5	-2261070	9.3	
22	105	1433	-5.5	-5	0.4	8.6	-1.8	-2283261	8.8	
22	104.7	1433.1	-5.1	-3.4	0.7	8.9	-1.9	-2290756	8.6	
22	104.4	1433.1	-5.7	-4.9	1.1	8.4	-2.1	-2285754	8.6	
22	104.1	1433.2	-5.1	-4.2	1.3	9	-2.1	-2270879	8.6	
22	103.8	1433.4	-4	-3.3	1.7	10.4	-2.1	-2248927	8.6	
22	103.5	1433.7	-5.5	-4	2	8.7	-1.9	-2222665	8.6	
22	103.2	1434	-5.6	-4.7	2.4	8.6	-1.8	-2199318	8.6	
22	102.9	1434.3	-5.3	-4.9	2.6	8.8	-1.6	-2180990	8.6	
22	102.6	1434.3	-5	-4.5	2.7	8.2	-1.5	-2174196	8.6	
22	102.3	1434.1	-5.3	-4.9	2.5	7.6	-1.5	-2185544	8.6	
22	102	1433.9	-5.6	-3.7	2.5	7.6	-1.5	-2220308	8.6	
22	101.7	1433.9	-5.3	-5	2.4	7.8	-1.4	-2283261	8.6	
22	101.4	1433.9	-5	-4.6	2.3	7.2	-1.4	-2360485	8.6	
22	101.1	1433.7	-4	-3.7	2.1	9.4	-1.5	-2457454	8.6	
22	100.8	1433.6	-4.4	-3.5	2	8.4	-1.5	-2565871	8.6	
22	100.5	1433.5	-4.1	-2.8	1.9	9.1	-1.6	-2687741	8.7	
22	100.2	1433.2	-3.6	-2.6	1.8	9.3	-1.8	-2810403	8.7	
22	99.9	1433	-3.5	-2.6	1.8	9.5	-2	-2916087	8.7	
22	99.6	1432.7	-3.4	-2.8	1.5	9.5	-2	-2991072	8.7	
22	99.3	1432.6	-3.8	-2.1	1.5	9.3	-2.1	-3034421	8.7	
22	99	1432.5	-3.2	-2.3	1.5	9.9	-2.2	-3056570	8.6	
22	98.7	1432.4	-4	-3	1.5	8.8	-2.3	-3061039	8.6	
22	98.4	1432.3	-2.8	-1.4	1.3	10.7	-2.2	-3061039	8.6	
22	98.1	1432.1	-3.6	-1.5	1	9.2	-2.2	-3056570	8.6	
22	97.8	1432.1	-3.4	-1.1	0.9	10.2	-2.1	-3061039	8.6	
22	97.5	1432.4	-3.3	-0.6	1	9.9	-1.9	-3079045	8.6	
22	97.2	1432.5	-2.8	-0.7	1	11.4	-1.8	-3101852	8.6	
22	96.9	1432.6	-3.5	1	0.7	9.3	-1.6	-3139056	8.6	
22	96.6	1432.6	-4	-0.4	0.7	9	-1.6	-3177163	8.6	
22	96.3	1432.7	-4.4	0.4	0.7	9.7	-1.5	-3191693	8.9	
22	96	1432.9	-5.4	-0.5	1	8.3	-1.5	-3196565	9	
22	95.7	1433.1	-4.4	1	0.8	10.5	-1.2	-3196565	9	
22	95.4	1433.4	-6.4	-1	1.1	7.8	-1.2	-3181991	9	
22	95.1	1433.6	-5.6	-1.1	1.3	9.4	-1.4	-3153238	9.1	
22	94.8	1434	-7.8	-2.1	1.8	6.6	-1.8	-3120343	9.1	
22	94.5	1434.3	-4.6	0.9	2.1	9.9	-2.1	-3074523	9.2	
22	94.2	1434.4	-5.6	-0.2	2.1	8.3	-2.3	-3025651	9.2	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
22	93.9	1434.5	-6.4	-0.7	2.3	8.7	-2.5	-2978308	9.3	
22	93.6	1434.5	-6.6	0	2.1	8.8	-2.6	-2940661	9.4	
22	93.3	1434.9	-8.2	-1.1	2	6.9	-2.4	-2895920	9.4	
22	93	1434.9	-7	-0.1	1.5	8.3	-2.1	-2864228	9.5	
22	92.7	1435	-8.5	-1.7	1.1	6.8	-1.6	-2840910	9.5	
22	92.4	1435.4	-7.7	-2.2	0.7	8	-0.8	-2829392	9.4	
22	92.1	1436.1	-7.1	-2	0.5	7	0.3	-2840910	9.1	
22	91.8	1436.6	-5.4	0.3	0.1	8.2	1.4	-2876031	8.7	
22	91.5	1436.8	-7.1	-2	-0.1	6.4	2.1	-2920154	8.6	
22	91.2	1437.2	-6.7	-2.7	-0.2	8	2.8	-2965652	8.5	
22	90.9	1437.5	-7	-1.5	-0.3	8.6	3.1	-3034421	8.5	
22	90.6	1437.6	-5.3	0.3	-0.4	9.8	3.4	-3115700	8.4	
22	90.3	1437.4	-6.1	-0.8	-0.3	9.3	3.2	-3211273	8.5	
22	90	1437	-4.9	0.1	-0.2	10.4	2.6	-3323413	8.7	
22	89.7	1436.4	-5.4	-0.1	-0.4	10.6	1.8	-3449341	9	
22	89.4	1435.7	-4.3	1.3	-0.4	10.4	0.9	-3572953	9.2	
22	89.1	1435.2	-3.4	1.9	-0.4	12.8	0.2	-3692681	9.5	
22	88.8	1434.7	-5.9	-0.9	-0.6	10.6	-0.3	-3820712	10	
22	88.5	1434.5	-6.1	-2.1	-0.7	10.3	-0.6	-3943032	10.1	
22	88.2	1434.3	-6.4	-2	-0.9	9.2	-0.8	-4057655	10.2	
22	87.9	1434	-5.3	-1.2	-1	11	-0.8	-4170817	10.2	
22	87.6	1433.9	-5.6	-2	-1.1	9.6	-0.6	-4281698	10.2	
22	87.3	1433.8	-7	-3.5	-1	9.2	-0.4	-4380230	10.1	
22	87	1433.9	-5.5	-2.1	-0.9	9.9	-0.1	-4473825	10.1	
22	86.7	1434	-6.3	-2.5	-0.4	8	-0.1	-4541757	9.8	
22	86.4	1433.9	-6.3	-3.1	0.1	9.7	-0.6	-4611784	9.6	
22	86.1	1434.1	-5.6	-1.6	0.4	9.9	-0.9	-4673549	9.4	
22	85.8	1434.3	-5.6	-2.8	1	9.6	-1.2	-4715653	9.4	
22	85.5	1434.2	-6	-2.4	1.5	8.5	-1.7	-4705057	9.3	
22	85.2	1434.1	-5.1	-1.7	1.8	9	-2.1	-4673549	9.3	
22	84.9	1434	-6.8	-3.5	2.1	7.8	-2.5	-4652778	9.3	
22	84.6	1434	-6.2	-3.4	2.4	7.5	-2.9	-4684005	9.3	
22	84.3	1433.8	-5.7	-2.2	2.4	8.1	-3.2	-4747733	9.5	
22	84	1434.1	-6.9	-2.9	2.7	7.5	-3.2	-4835451	9.7	
22	83.7	1434.6	-6.1	-1.7	2.9	7.9	-3	-4949764	9.7	
22	83.4	1434.6	-5.1	0.3	2.6	8.2	-3	-5094283	9.7	
22	83.1	1434.8	-5.1	-0.7	2.5	8.8	-2.6	-5221322	9.7	
22	82.8	1434.9	-4	2.4	2.2	9.3	-2.2	-5314087	9.6	
22	82.5	1435	-3.5	2.1	2.1	10.2	-1.8	-5327608	9.4	
22	82.2	1435.2	-3.2	4.6	1.7	10.5	-1.2	-5221322	9.3	
22	81.9	1435.3	-2.4	2.2	1.4	10.5	-0.6	-4961493	9	
22	81.6	1435.4	-3	2.6	1.1	10.2	-0.3	-4601649	8.6	
22	81.3	1435.4	-2.9	3.5	1	9.8	-0.3	-4238361	8.5	
22	81	1435.6	-1.7	4.9	0.9	10.8	0.1	-3877315	8.4	
22	80.7	1435.6	-2.3	5.9	0.6	10.2	0.3	-3566866	8.4	
22	80.4	1435.7	-2.2	4.8	0.6	9.7	0.4	-3302445	8.3	
22	80.1	1435.5	-1.9	6.6	0.4	9.7	0.4	-3092689	8.4	
22	79.8	1435.4	-2.5	5.2	0.3	9.6	0.3	-2940661	8.4	
22	79.5	1435.2	-2.1	5	0.2	9.9	0.1	-2852521	8.5	
22	79.2	1435	-2.2	3.2	0.3	9.9	-0.2	-2806636	8.5	
22	78.9	1434.8	-2.2	4.9	0.2	10.1	-0.3	-2799132	8.5	
22	78.6	1434.6	-3	3.7	0.2	9	-0.6	-2817968	8.6	
22	78.3	1434.6	-3	4	0.3	10.1	-0.7	-2848640	8.7	
22	78	1434.5	-3.2	2.1	0.2	10	-0.8	-2887932	8.8	
22	77.7	1434.5	-2.9	3.2	0.3	10.6	-0.8	-2920154	8.9	
22	77.4	1434.4	-4.2	0.7	0.2	9.6	-0.8	-2940661	9.5	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
22	77.1	1434.5	-4.6	0.8	0.3	9.5	-0.8	-2944797	9.9	
22	76.8	1434.4	-4.2	0.1	0.3	10.3	-0.9	-2924232	10.1	
22	76.5	1434.4	-4.7	-1.3	0.4	9.6	-0.9	-2891920	10.3	
22	76.2	1434.4	-5.2	0.7	0.4	10.1	-0.9	-2868151	10.6	
22	75.9	1434.4	-6.5	-0.4	0.5	8.8	-1.1	-2844770	10.8	
22	75.6	1434.4	-6.6	-0.2	0.7	9.1	-1.3	-2829392	10.9	
22	75.3	1434.4	-7.3	-2	0.9	8.3	-1.5	-2833221	10.9	
22	75	1434.6	-6.1	-0.5	1.2	10	-1.6	-2848640	10.5	
22	74.7	1434.7	-6.3	0.7	1.4	10.2	-1.5	-2883954	10.1	
22	74.4	1435	-6.6	-1.1	2	10	-1.5	-2936536	9.1	
22	74.1	1435.1	-5.7	0.6	2.3	10.3	-1.5	-3003946	8.2	
22	73.8	1435.3	-6.4	-0.1	2.5	8.2	-1.5	-3079045	7.2	
22	73.5	1435.5	-5.9	-0.3	2.7	8.4	-1.4	-3153238	6.7	
22	73.2	1435.6	-6.5	-0.9	2.8	7.7	-1.4	-3236090	6.4	
22	72.9	1435.6	-6.5	-0.5	2.7	7.9	-1.4	-3307662	6.3	
22	72.6	1435.6	-7.1	-2	2.8	6.3	-1.5	-3355369	6.2	
22	72.3	1435.2	-8.3	-1.5	2.6	4.7	-1.6	-3377017	6.2	
22	72	1434.6	-10.8	-4.6	2.1	3.2	-1.8	-3360755	7.6	
22	71.7	1434.2	-10.9	-5.2	1.9	4.6	-1.9	-3318146	8.6	
22	71.4	1434.1	-9.5	-2.6	1.6	6.3	-1.8	-3266381	9.1	
22	71.1	1434	-8.8	-2.7	1.4	6.8	-1.8	-3221154	9.4	
22	70.8	1434	-8.9	-3.8	1.2	6.9	-1.6	-3157994	9.6	
22	70.5	1434.2	-8.9	-3.8	1.1	7.1	-1.3	-3101852	9.7	
22	70.2	1434.1	-8.3	-4.3	0.8	8.4	-1.1	-3056570	9.7	
22	69.9	1433.7	-7.2	-3.7	0.3	9.3	-0.9	-3025651	9.7	
22	69.6	1433.5	-6.2	-3	-0.2	11.6	-0.4	-3012590	9.7	
22	69.3	1433.2	-8	-5.6	-0.5	9.2	-0.3	-3016931	9.7	
22	69	1433.3	-6.9	-3.9	-0.8	9.9	0	-3038825	9.7	
22	68.7	1433.4	-6.5	-3.6	-1	9.7	0.2	-3074523	9.6	
22	68.4	1433.2	-5.9	-4.2	-1.2	10	0.2	-3120343	9.5	
22	68.1	1433.2	-6	-3.7	-1.3	9.6	0.2	-3172349	9.4	
22	67.8	1433.3	-6.9	-4.7	-0.9	8.7	0	-3226118	9.4	
22	67.5	1433.4	-5.3	-3.4	-0.4	10.2	-0.1	-3271485	9.3	
22	67.2	1433.6	-5.5	-3	0.1	9	-0.3	-3312896	9.3	
22	66.9	1433.8	-4	-1.9	0.8	11.8	-0.6	-3333997	9.2	
22	66.6	1434.2	-4.6	-2.4	1.5	9.7	-0.9	-3360755	9.2	
22	66.3	1434.3	-4.3	-2.1	1.9	10.5	-1.2	-3377017	9.2	
22	66	1434.4	-3.9	-0.9	2.4	10.6	-1.5	-3382472	9.2	
22	65.7	1434.3	-3.6	-0.6	2.4	10.7	-1.6	-3393436	9.2	
22	65.4	1434.3	-4.1	-0.9	2.2	11	-1.6	-3415580	9.4	
22	65.1	1434.2	-5.3	-2.4	2.2	8.9	-1.7	-3432378	9.5	
22	64.8	1434.1	-4.2	0	1.9	10.8	-1.6	-3449341	9.6	
22	64.5	1434.1	-5.2	-0.6	1.8	8.2	-1.6	-3466474	9.5	
22	64.2	1433.8	-3.3	0.9	1.2	10.4	-1.6	-3483777	9.4	
22	63.9	1433.8	-4.8	-0.1	1	8.3	-1.5	-3495409	9.4	
22	63.6	1433.9	-4.8	0.4	1	8.5	-1.4	-3513004	9.4	
22	63.3	1433.9	-4.1	2.4	1	9	-1.3	-3536740	9.4	
22	63	1434.1	-4.5	2.1	1	8.4	-1.2	-3566866	9.4	
22	62.7	1434	-4.1	3.2	0.9	9.3	-1.3	-3609914	9.4	
22	62.4	1434.1	-5.2	0.9	1.1	7.7	-1.4	-3673246	9.4	
22	62.1	1434.1	-3.8	2.5	1	10	-1.5	-3758977	9.4	
22	61.8	1434.2	-4	2.6	1.1	8.8	-1.4	-3863008	9.4	
22	61.5	1434.2	-3	2.7	1	10.5	-1.3	-3988096	9.4	
22	61.2	1434.2	-3.8	2.6	0.9	9.7	-1.2	-4105393	9.4	
22	60.9	1434.1	-3.8	2.1	0.8	9.9	-1.2	-4212777	9.4	
22	60.6	1434.4	-3	3.5	0.7	10.6	-0.9	-4299282	9.4	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
22	60.3	1434.7	-2.7	3.8	0.8	10.8	-0.6	-4343880	9.3	
22	60	1434.8	-2.8	4.3	0.7	11	-0.3	-4361980	9.3	
22	59.7	1435	-3.7	4.6	0.6	9.3	0	-4334886	9.3	
22	59.4	1435.2	-3.4	7.4	0.6	10.3	0.2	-4255590	9.3	
22	59.1	1435.2	-3.4	7.5	0.6	9.3	0.3	-4170817	9.3	
22	58.8	1435.2	-3.4	6.1	0.4	10.2	0.5	-4081384	9.3	
22	58.5	1435.1	-4.5	4.3	0.7	8.4	0.4	-3988096	9.3	
22	58.2	1435	-3.9	5	0.6	9.6	0.4	-3906250	9.3	
22	57.9	1435	-4.2	4.7	0.6	8.5	0.3	-3841744	9.3	
22	57.6	1434.8	-3.7	4.6	0.6	9.5	0.1	-3799910	9.2	
22	57.3	1434.7	-3.6	3.6	0.5	9.5	0	-3779333	9.2	
22	57	1434.5	-4.8	1.4	0.6	8.3	-0.4	-3779333	9.1	
22	56.7	1434.4	-3.8	4.2	0.3	8.9	-0.4	-3806819	9.1	
22	56.4	1434.3	-4.8	2.1	0.4	7.6	-0.6	-3855894	9.1	
22	56.1	1433.9	-3.5	3	0.1	8.8	-0.8	-3935621	9.1	
22	55.8	1433.7	-5.3	0.6	-0.1	6.3	-0.9	-4034201	9.1	
22	55.5	1433.6	-4	2	-0.3	8.1	-0.9	-4146040	9.1	
22	55.2	1433.4	-5.1	1.8	-0.3	6.7	-1.2	-4264257	9.1	
22	54.9	1433.3	-4	1.3	-0.3	7.9	-1.3	-4389413	9.1	
22	54.6	1433.5	-4.5	1	-0.2	8.2	-1.2	-4512393	9.2	
22	54.3	1433.8	-3.8	0.2	0.1	8.9	-1.2	-4642462	9.1	
22	54	1433.9	-3.1	1.5	0.3	9.6	-1.3	-4780251	8.9	
22	53.7	1434.1	-1.9	2.4	0.5	11	-1.2	-4880536	8.8	
22	53.4	1434.4	-1.1	2.8	0.9	11.3	-1	-4961493	8.7	
22	53.1	1434.6	-1.7	1.9	1.1	10	-0.9	-5008972	8.6	
22	52.8	1434.9	-1.7	2.4	1.4	11	-0.7	-5045181	8.6	
22	52.5	1435.1	-1.9	3.4	1.5	10.1	-0.5	-5094283	8.5	
22	52.2	1435.3	-2.1	2.1	1.5	10.3	-0.3	-5182550	8.5	
22	51.9	1435.4	-3.4	1.8	1.5	8.4	-0.3	-5300633	8.5	
22	51.6	1435.5	-2.7	0.6	1.5	9.6	-0.2	-5438312	8.6	
22	51.3	1435.6	-4.7	0.1	1.5	6.8	-0.3	-5598262	8.6	
22	51	1435.4	-2.1	2.7	1.3	8.7	-0.5	-5783840	8.6	
22	50.7	1435.3	-2.1	2	1.3	9	-0.6	-6033862	8.7	
22	50.4	1435	-3.2	1.3	1	7.9	-0.8	-6250000	8.8	
22	50.1	1434.9	-3	1.1	0.9	8.2	-0.9	-6422546	8.8	
22	49.8	1434.7	-3.3	1.9	0.8	7.6	-1.2	-6542969	8.9	
22	49.5	1434.5	-2.7	1.1	0.8	9.2	-1.3	-6563480	9.1	
22	49.2	1434.5	-4.2	-0.2	0.8	7.5	-1.3	-6482198	9.6	
22	48.9	1434.8	-3.9	-0.9	0.9	9.5	-1.1	-6325529	9.8	
22	48.6	1434.8	-3.3	0.5	0.8	8.3	-1	-6068841	9.9	
22	48.3	1434.7	-3	0.8	0.7	8.4	-0.9	-5799862	10	
22	48	1434.7	-2.9	0.1	0.6	8.8	-0.7	-5495407	10	
22	47.7	1434.7	-3	-0.3	0.5	9.2	-0.6	-5182550	10.1	
22	47.4	1434.8	-2	0.8	0.4	10.5	-0.4	-4903396	10.1	
22	47.1	1434.7	-2.1	1.6	0.2	10	-0.3	-4632191	10.1	
22	46.8	1434.5	-1.4	2	-0.2	11.7	-0.2	-4407895	10.1	
22	46.5	1434.5	-2.4	1	-0.5	10.2	-0.2	-4212777	10.1	
22	46.2	1434.6	-1.3	2.1	-0.5	11.6	-0.1	-4065534	10	
22	45.9	1434.6	-0.8	3.7	-0.3	11.4	-0.2	-3965436	10	
22	45.6	1434.5	-0.3	3.6	-0.3	12.1	-0.2	-3913552	10	
22	45.3	1434.7	-1.2	3	0	10.9	-0.2	-3906250	10.1	
22	45	1434.8	-1.5	2.2	0.3	10.4	-0.3	-3950472	10.1	
22	44.7	1435	-1.2	2.4	0.4	11.2	-0.3	-4026443	10.1	
22	44.4	1435.4	-1.7	3.1	0.9	10	-0.3	-4113458	10.1	
22	44.1	1435.6	-1	2.8	1.1	11.2	-0.3	-4212777	10.2	
22	43.8	1435.5	-2.4	2.4	1.3	9.6	-0.6	-4334886	10.3	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
22	43.5	1435.5	-1.3	2.2	1.3	10.9	-0.7	-4473825	10.3	
22	43.2	1435.3	-1.9	3.4	1.3	9.5	-0.9	-4571507	10.3	
22	42.9	1435	-1	3	0.9	11.4	-0.9	-4611784	10.3	
22	42.6	1434.9	-1.6	3.5	0.7	10.5	-0.9	-4591557	10.3	
22	42.3	1435.1	-2.4	1.6	0.6	10	-0.7	-4541757	10.3	
22	42	1435.1	-1.9	2.6	0.3	10.4	-0.6	-4454788	10.2	
22	41.7	1435.1	-1.6	2.2	0.1	9.9	-0.4	-4361980	10	
22	41.4	1435.1	-2	1.1	0	10.5	-0.2	-4255590	9.9	
22	41.1	1435.3	-2.9	-1	0	8.8	0	-4137846	9.9	
22	40.8	1435.4	-1.9	-0.8	-0.1	10.5	0.3	-4018714	9.8	
22	40.5	1435.4	-2.9	-1.2	0.3	8.5	0.3	-3935621	9.8	
22	40.2	1435.3	-2	-0.3	0.5	10	0.3	-3906250	9.8	
22	39.9	1435.4	-2.9	-1	0.5	9	0.3	-3906250	9.8	
22	39.6	1435.4	-2.5	-0.4	0.9	9.3	0.1	-3950472	9.7	
22	39.3	1435.2	-2	1.4	1.2	9.5	-0.2	-4026443	9.7	
22	39	1435.2	-2.8	-0.1	1.5	9.2	-0.5	-4146040	9.7	
22	38.7	1435	-2.2	2.5	1.7	9.6	-0.9	-4299282	9.7	
22	38.4	1435	-3.3	-1.2	1.9	8.3	-1.2	-4483405	9.6	
22	38.1	1434.6	-2.1	0	1.7	10	-1.6	-4684005	9.6	
22	37.8	1434.2	-2.7	0.5	1.6	8.4	-2	-4835451	9.6	
22	37.5	1434	-1.7	1.3	1.5	10	-2.2	-4973278	9.6	
22	37.2	1433.6	-2.2	1.1	1.3	9.3	-2.5	-5081918	9.6	
22	36.9	1433.2	-1.9	0.8	1.3	9.7	-2.7	-5157020	9.6	
22	36.6	1433.3	-2.6	1.6	1.3	9.2	-2.6	-5195410	9.4	
22	36.3	1433.2	-1.4	2.5	1.1	9.8	-2.4	-5221322	9.1	
22	36	1433.2	-2.1	1.2	0.7	9.1	-2.1	-5234375	9	
22	35.7	1433.6	-2.2	0.8	0.9	9.3	-1.6	-5287248	8.8	
22	35.4	1433.9	-0.9	2	0.8	10.6	-1	-5354860	8.5	
22	35.1	1434.1	-1.4	1.6	0.8	8	-0.6	-5424223	8.3	
22	34.8	1434.1	-1.2	0.8	0.6	9	-0.3	-5509869	8.2	
22	34.5	1434	-1.9	0.2	0.6	8.5	-0.1	-5583334	8.1	
22	34.2	1434	-2	-0.6	0.3	8.6	0	-5658784	7.9	
22	33.9	1434	-1.9	0.5	0.4	7.5	0.1	-5736302	7.6	
22	33.6	1434.1	-1.2	0.1	0.3	8.8	0.3	-5864846	7.3	
22	33.3	1433.9	-3.3	-2.5	0.3	6.8	0	-5965100	7.2	
22	33	1434.1	-3.3	-3	0.6	6.6	-0.5	-6051301	7.1	
22	32.7	1433.9	-0.6	0.6	0.6	9	-0.9	-6104228	7.2	
22	32.4	1434	-1.9	-0.4	0.7	9.1	-1	-6104228	7.8	
22	32.1	1433.9	-2.7	-1.5	0.7	8.4	-1.2	-6068841	8.3	
22	31.8	1434	-2.7	-1	0.9	8.5	-1.3	-5982143	8.6	
22	31.5	1433.9	-2.2	-1.2	0.9	8.7	-1.4	-5832173	9.2	
22	31.2	1433.8	-3.2	-0.8	1.1	7.6	-1.7	-5628360	9.5	
22	30.9	1433.6	-3.7	-2.4	1.3	8.6	-2	-5396263	10	
22	30.6	1434.1	-4.6	-2.7	1.4	8.9	-1.7	-5144349	10.2	
22	30.3	1434.3	-3.4	-2.4	1.2	8.8	-1.2	-4938090	10.3	
22	30	1434.6	-5.2	-3.6	1.3	6.4	-0.9	-4758523	10.3	
22	29.7	1434.7	-3.6	-1.2	1.2	9.4	-0.6	-4601649	10.2	
22	29.4	1434.9	-3.2	-1.3	1	9.5	-0.3	-4473825	9.8	
22	29.1	1434.9	-1.5	0.1	0.6	10.7	0.2	-4380230	9.4	
22	28.8	1434.8	-1.5	0.5	0.1	10.4	0.7	-4317011	8.8	
22	28.5	1434.7	-1.4	1.5	-0.4	10.4	1	-4308128	8.2	
22	28.2	1434.7	-3.2	-1.3	-0.8	9.1	1.1	-4317011	8	
22	27.9	1434.6	-3.2	-0.3	-0.8	8	0.7	-4352911	7.8	
22	27.6	1434.4	-0.7	1.3	-1.1	11.1	0.6	-4417194	7.8	
22	27.3	1434.3	-2.8	0.1	-1	8.6	0.5	-4512393	7.9	
22	27	1434.3	-3.1	-0.6	-1	8.9	0.3	-4652778	8.1	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
22	26.7	1434.3	-3.4	-1.4	-0.8	7.8	0.1	-4846644	8.4	
22	26.4	1434.3	-3	-0.2	-0.8	8.4	0	-5045181	8.6	
22	26.1	1434.5	-3.5	-1.3	-0.4	8.2	0	-5234375	9	
22	25.8	1434.8	-4	-0.7	-0.4	9.6	0.2	-5396263	9.1	
22	25.5	1435.1	-3.5	-1.4	0	9.7	0.3	-5495407	9.1	
22	25.2	1435.1	-2.8	-0.1	0.1	9	0.3	-5509869	9.1	
22	24.9	1435	-3.4	-1.7	0.1	8.9	0.3	-5452474	9	
22	24.6	1435.1	-4.6	-2.4	0.3	7.5	0.2	-5327608	8.9	
22	24.3	1435.2	-4.2	-2.3	0.4	8.8	0.2	-5157020	8.8	
22	24	1435.3	-4.1	-1.5	0.6	8.2	0.2	-4973278	8.7	
22	23.7	1435.2	-4.1	-2.7	0.3	8.9	0.2	-4780251	8.7	
22	23.4	1435.2	-5.7	-3.6	0.5	6.9	-0.1	-4581510	8.7	
22	23.1	1435	-4.9	-2.7	0.5	7.6	-0.4	-4426533	8.7	
22	22.8	1435	-4.6	-3.7	0.7	7.4	-0.6	-4334886	8.6	
22	22.5	1434.9	-3.7	-2.3	1	8.5	-0.9	-4299282	8.6	
22	22.2	1434.9	-3.2	-2	1	9.9	-0.9	-4281698	8.7	
22	21.9	1434.8	-4.9	-3	1.2	7.5	-1.1	-4308128	8.7	
22	21.6	1434.7	-4.1	-2.1	1.3	8.1	-1.3	-4343880	8.7	
22	21.3	1434.8	-5.1	-3.2	1.7	6.7	-1.5	-4407895	8.7	
22	21	1434.8	-3.8	-2.6	1.6	9.2	-1.6	-4512393	8.7	
22	20.7	1434.8	-4.1	-0.8	1.7	8.6	-1.6	-4652778	8.7	
22	20.4	1434.8	-4	-0.7	1.4	8.3	-1.4	-4769363	8.6	
22	20.1	1434.6	-3.7	-3.1	1.1	7.8	-1.3	-4835451	8.6	
22	19.8	1434.5	-4.2	-2.3	0.9	6.7	-1.2	-4846644	8.6	
22	19.5	1434.3	-3.2	-0.5	0.8	9	-1.2	-4813219	8.5	
22	19.2	1434.2	-2.9	-0.2	0.7	8.7	-1.2	-4747733	8.5	
22	18.9	1434.1	-2.1	0.1	0.6	9.8	-1.2	-4611784	8.5	
22	18.6	1434.3	-3	0.2	0.8	8	-1	-4426533	8.6	
22	18.3	1434.4	-3	0.7	1.1	8.7	-1.1	-4229798	8.6	
22	18	1434.6	-2.7	1.9	1.4	9.2	-1.2	-4049807	8.8	
22	17.7	1434.6	-2.1	1.3	1.5	9.5	-1.3	-3913552	9	
22	17.4	1434.7	-1.4	3.8	1.5	11.1	-1.2	-3799910	9.3	
22	17.1	1434.6	-2.4	1.2	1.4	9.4	-1.1	-3705753	9.6	
22	16.8	1434.6	-2.1	1.1	1.2	10.4	-0.9	-3634983	9.8	
22	16.5	1434.5	-1.7	-0.2	1.2	9.9	-0.9	-3591338	9.6	
22	16.2	1434.2	-0.9	0.6	0.9	11	-0.9	-3554754	9.5	
22	15.9	1434	-2	-0.6	0.9	9.5	-0.9	-3518908	9.4	
22	15.6	1434.1	-2.1	1.1	1	9.6	-0.9	-3472223	9.3	
22	15.3	1434.2	-1.5	1.7	1.1	10	-0.9	-3421161	9.2	
22	15	1434.3	-2.2	-1.5	1.3	8.3	-1	-3371579	9.1	
22	14.7	1434.3	-1.2	1.6	1.6	10	-1.2	-3318146	9	
22	14.4	1434.4	-2.4	0.7	1.9	8.8	-1.4	-3261293	9	
22	14.1	1434.3	-1.8	1.6	1.9	9.5	-1.5	-3206356	9	
22	13.8	1434.1	-1.9	1.1	1.9	8.9	-1.6	-3148497	9	
22	13.5	1433.7	-1.2	2.3	1.4	10.4	-1.6	-3092689	8.9	
22	13.2	1433.4	-2	2	1.1	9.6	-1.6	-3056570	8.9	
22	12.9	1433.4	-2.5	1	0.9	9.4	-1.5	-3038825	8.8	
22	12.6	1433.3	-1.4	1.4	0.4	10.1	-1.3	-3038825	8.6	
22	12.3	1433.2	-2	1.4	0.1	9.5	-1.2	-3056570	8.6	
22	12	1433.3	-2.2	2.4	-0.1	9.2	-0.9	-3079045	8.6	
22	11.7	1433.3	-2.9	1.3	0	8.8	-0.9	-3115700	8.5	
22	11.4	1433.5	-2.7	1.4	0.1	9.5	-0.7	-3157994	8.6	
22	11.1	1433.8	-3.3	0.8	0.6	8	-0.6	-3206356	8.6	
22	10.8	1433.8	-3.2	2.5	0.8	9	-0.6	-3256221	8.8	
22	10.5	1433.9	-4.7	0.2	1	7.8	-0.6	-3292060	9	
22	10.2	1434.1	-3.6	1	1.3	9.2	-0.6	-3307662	9.1	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
22	9.9	1434.2	-4.5	-0.8	1.7	8.7	-0.8	-3312896	9.1	
22	9.6	1434.1	-3.3	-0.1	1.6	9.9	-0.9	-3297245	9.1	
22	9.3	1434.1	-4.5	0.4	1.6	9.1	-0.9	-3286892	9.1	
22	9	1434.1	-5.3	-1.2	1.5	8.3	-1.1	-3286892	9.1	
22	8.7	1434	-4.3	0.8	1.3	10	-1.2	-3297245	9.1	
22	8.4	1433.9	-4.8	-1	1.2	9	-1.2	-3302445	9	
22	8.1	1433.6	-4.6	-0.5	0.7	10.1	-1.1	-3318146	9	
22	7.8	1433.5	-5.9	-1.9	0.5	8.5	-1.1	-3344649	9	
22	7.5	1433.4	-6.1	-2.4	0.1	9.2	-1	-3377017	9	
22	7.2	1433.5	-6	-1.8	0.2	8.3	-0.9	-3404472	9	
22	6.9	1433.6	-6.1	-2.9	0.3	8.6	-0.8	-3426760	9	
22	6.6	1433.8	-6.2	-3.3	0.3	8.5	-0.6	-3426760	9	
22	6.3	1434	-7	-4.9	0.7	7.6	-0.6	-3421161	9	
22	6	1434	-6.4	-3.4	0.7	8.5	-0.6	-3415580	9	
22	5.7	1434.1	-6.7	-3.7	0.8	7.7	-0.6	-3410017	9.1	
22	5.4	1434.1	-7.1	-4.4	0.7	8.1	-0.6	-3410017	9.5	
22	5.1	1434.3	-8.2	-6.1	0.9	7.1	-0.6	-3410017	9.7	
22	4.8	1434.4	-7.3	-5.9	0.9	8.8	-0.7	-3415580	9.8	
22	4.5	1434.2	-6.8	-4.4	0.8	8.6	-0.9	-3426760	9.8	
22	4.2	1434.1	-6.1	-4	0.6	10	-0.9	-3438014	9.9	
22	3.9	1433.8	-6.9	-5.2	0.4	9.4	-1	-3438014	9.9	
22	3.6	1434	-7	-6.1	0.6	9	-1	-3421161	9.9	
22	3.3	1434.3	-5.9	-3.9	0.8	10.4	-0.9	-3387945	9.7	
22	3	1434.5	-5.6	-3.5	1.1	10	-0.8	-3339315	9.4	
22	2.7	1434.7	-5	-3.5	1.1	10.7	-0.6	-3276605	9.3	
22	2.4	1434.9	-6.6	-4.4	1.5	8.7	-0.5	-3201453	9.1	
22	2.1	1435	-5.2	-4	1.8	9.9	-0.4	-3125000	9	
22	1.8	1435.1	-6.1	-3.7	1.8	8	-0.3	-3052114	8.9	
22	1.5	1434.9	-5.7	-3.9	1.7	8.8	-0.4	-2999642	9.2	
22	1.2	1434.8	-5.7	-3.8	1.5	9.3	-0.5	-2957275	9.9	
22	0.9	1434.7	-6.4	-5.2	1.3	8.5	-0.6	-2928322	10.4	
22	0.6	1434.4	-5.4	-3.4	1.2	9.6	-0.9	-2916087	10.8	
22	0.3	1434	-4.6	-2.1	1	10.9	-1.1	-2916087	11.5	
22	0	1433.5	-5	-3.6	0.6	11.8	-1.2	-2928322	12.2	
21	999.7	1433.1	-5.3	-3.3	0.5	11.5	-1.5	-2953103	12.7	
21	999.4	1433.1	-4.2	-2	0.4	13.7	-1.4	-2982550	12.8	
21	999.1	1433.3	-3.7	-0.8	0.6	13.2	-1.2	-3008262	12.5	
21	998.8	1433.6	-3.2	-0.5	0.8	13.2	-1	-3038825	11.9	
21	998.5	1433.7	-3.1	0.2	0.8	12.7	-0.9	-3061039	11.2	
21	998.2	1433.6	-2.7	0.5	0.6	12.2	-0.8	-3070015	10.4	
21	997.9	1433.5	-3	1.7	0.6	10.4	-0.7	-3061039	9.6	
21	997.6	1433.4	-2.6	1	0.7	10.4	-0.7	-3043242	9	
21	997.3	1433.2	-2.9	1.6	0.5	9.7	-0.7	-3016931	8.8	
21	997	1433.1	-4.1	-0.8	0.5	7.9	-0.7	-2986805	8.5	
21	996.7	1432.9	-3.2	1.3	0.4	8.6	-0.9	-2957275	8.2	
21	996.4	1432.9	-3.2	2.1	0.4	7.4	-1	-2932424	7.8	
21	996.1	1432.9	-2.8	1.5	0.5	7.8	-1	-2920154	7.7	
21	995.8	1433.1	-3.6	1.2	0.8	6.4	-1	-2920154	7.6	
21	995.5	1433.2	-2.9	1.7	0.9	7.6	-0.9	-2928322	7.6	
21	995.2	1433.4	-3	2.9	1.4	7.1	-0.9	-2940661	7.6	
21	994.9	1433.6	-2.2	3.9	1.8	8	-0.9	-2953103	7.6	
21	994.6	1433.6	-2.8	3.2	2	8	-1	-2969859	7.7	
21	994.3	1433.5	-3.4	2.7	2.2	7.2	-1.2	-2982550	7.7	
21	994	1433.4	-2.4	3.8	2.1	8.4	-1.5	-2986805	7.7	
21	993.7	1433.2	-2.7	4.3	2	7.7	-1.9	-2982550	7.8	
21	993.4	1433.1	-2.2	4.2	1.9	8.5	-2.2	-2965652	7.8	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
21	993.1	1432.8	-2.7	4	1.7	7.8	-2.5	-2940661	8	
21	992.8	1432.5	-2.3	4.8	1.5	8.7	-2.7	-2907987	8.1	
21	992.5	1432.2	-2.3	5.9	1.1	8.2	-2.8	-2868151	8.2	
21	992.2	1432.1	-2.1	5.2	0.9	8.8	-2.8	-2829392	8.2	
21	991.9	1432.2	-2.5	4.3	0.8	8.7	-2.5	-2787950	8.6	
21	991.6	1432.6	-3	3.1	1.1	8	-2.1	-2747704	8.8	
21	991.3	1433.3	-2.3	4.6	1.5	9.4	-1.7	-2719156	8.9	
21	991	1433.7	-2.1	4.9	1.7	8.9	-1.3	-2701613	9	
21	990.7	1434.1	-2.1	3.8	1.9	9.6	-0.9	-2691196	9.2	
21	990.4	1434.1	-2.8	2.8	1.8	8.7	-0.6	-2691196	9.5	
21	990.1	1434.3	-2.4	2.6	1.9	9.5	-0.3	-2698132	9.6	
21	989.8	1434.4	-2.5	4.1	2	9.2	-0.2	-2701613	9.7	
21	989.5	1434.2	-1.8	3.4	1.6	10.2	-0.2	-2712112	9.7	
21	989.2	1433.9	-2.1	4	1.1	10.5	-0.3	-2719156	9.9	
21	988.9	1433.8	-2.8	2.9	0.8	9.4	-0.4	-2719156	10	
21	988.6	1433.5	-1.8	3.9	0.5	10.8	-0.7	-2715630	10.1	
21	988.3	1433.4	-2.2	4.2	0.2	10.2	-1	-2708603	10.1	
21	988	1433.3	-1.7	3.7	0.3	11	-1.3	-2701613	10.1	
21	987.7	1433.2	-2.3	2.3	0.2	10	-1.5	-2694660	10.2	
21	987.4	1433.2	-1.9	3.1	0.2	11	-1.6	-2687741	10.2	
21	987.1	1433.4	-2.1	3.2	0.5	9.8	-1.6	-2680858	10.2	
21	986.8	1433.5	-2.3	1.9	0.8	9.8	-1.5	-2674011	10.2	
21	986.5	1433.6	-2.2	1.5	0.8	10.6	-1.2	-2674011	10.3	
21	986.2	1433.8	-2.9	0.3	1	9.5	-0.9	-2674011	10.4	
21	985.9	1434.2	-2.4	0.7	1.3	10.2	-0.6	-2667198	10.3	
21	985.6	1434.6	-2.5	0.2	1.6	9.5	-0.4	-2657044	10.2	
21	985.3	1434.7	-1.7	1.3	1.6	10.5	-0.3	-2640291	10.1	
21	985	1434.8	-2.9	-0.3	1.7	8.9	-0.3	-2623747	9.8	
21	984.7	1434.8	-1.6	1.3	1.5	10.2	-0.3	-2607410	9.5	
21	984.4	1434.5	-1.7	2.4	1.6	9.4	-0.6	-2594486	9.1	
21	984.1	1434.2	-2.1	1.1	1.6	9.2	-0.8	-2588072	8.7	
21	983.8	1433.9	-2.3	0.9	1.4	9.2	-1.1	-2594486	8.4	
21	983.5	1433.6	-2.5	0.3	1.2	8.5	-1.4	-2617188	8.1	
21	983.2	1433.6	-1.9	1.7	1	8.4	-1.5	-2657044	7.8	
21	982.9	1433.6	-1.8	1.1	1.1	8.1	-1.6	-2715630	7.4	
21	982.6	1433.7	-2	1	1	8.4	-1.6	-2791667	7.3	
21	982.3	1433.8	-2.5	-0.3	1	7.1	-1.5	-2883954	7.3	
21	982	1433.6	-1.7	1.1	0.9	8.2	-1.5	-2986805	7.3	
21	981.7	1433.3	-2.9	0.5	0.7	7.4	-1.4	-3083579	7.7	
21	981.4	1433.3	-3.3	-0.9	0.6	7.9	-1.2	-3167550	7.9	
21	981.1	1433.5	-3.4	-0.7	0.9	7.5	-1	-3236090	8	
21	980.8	1433.5	-2.6	-0.4	0.8	8.2	-0.9	-3276605	8	
21	980.5	1433.5	-3.3	-0.6	0.7	7.4	-0.9	-3292060	8	
21	980.2	1433.7	-3.4	-1.1	0.7	7.6	-0.9	-3286892	8	
21	979.9	1433.7	-3	-0.7	0.9	7.7	-1.1	-3261293	8	
21	979.6	1433.8	-3.4	-1.3	1.2	7	-1.2	-3226118	8	
21	979.3	1433.9	-3	-0.5	1.5	8.2	-1.2	-3191693	8.1	
21	979	1433.9	-4.3	-1.3	1.5	7.6	-1.2	-3167550	8.2	
21	978.7	1433.7	-3.2	-0.9	1.1	9	-1.1	-3157994	8.4	
21	978.4	1433.7	-3.7	-1.6	1.2	8	-1.1	-3162765	8.7	
21	978.1	1433.8	-3.5	-1.4	1.2	9.2	-1	-3181991	9.1	
21	977.8	1434.1	-3.9	-1.1	1.5	9	-0.9	-3211273	9.3	
21	977.5	1434.1	-2.9	-0.5	1.5	10.3	-0.9	-3251165	9.4	
21	977.2	1433.9	-3.1	-0.6	1.1	10.1	-0.9	-3297245	9.5	
21	976.9	1433.8	-3.3	-1.5	0.9	9.8	-0.9	-3339315	9.6	
21	976.6	1433.8	-4.1	-2	0.9	9.6	-0.9	-3371579	9.7	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
21	976.3	1433.8	-4.1	-1.3	1.1	9.2	-1	-3382472	9.7	
21	976	1433.7	-3.3	-1.5	1.1	10.6	-1.2	-3382472	9.7	
21	975.7	1433.7	-3.8	-1.6	1.1	10	-1.3	-3377017	9.7	
21	975.4	1433.4	-3.7	-2	0.7	10.2	-1.4	-3371579	9.7	
21	975.1	1433.4	-4.6	-2.3	0.7	8.9	-1.4	-3371579	9.7	
21	974.8	1433.5	-4	-2.1	0.8	9.6	-1.4	-3371579	9.6	
21	974.5	1433.6	-4	-1.9	0.9	9.2	-1.4	-3366158	9.5	
21	974.2	1433.7	-3.7	-1.4	1	10.6	-1.4	-3366158	9.4	
21	973.9	1433.7	-3.9	-1.7	0.9	9.3	-1.3	-3371579	9.3	
21	973.6	1433.8	-4.6	-1.7	1	8.6	-1.2	-3377017	9.2	
21	973.3	1434	-4.6	-2.2	1.1	8.5	-1	-3387945	9.2	
21	973	1434.1	-4.6	-2.1	1.1	8.5	-0.8	-3398945	9.1	
21	972.7	1434.1	-4.7	-3	1	8.3	-0.6	-3410017	9.1	
21	972.4	1434.4	-4.8	-1.9	1.1	8.3	-0.4	-3421161	9.1	
21	972.1	1434.4	-4.2	-2.6	1	9	-0.3	-3438014	9.1	
21	971.8	1434.4	-5.8	-4.1	1	7.1	-0.3	-3466474	9.1	
21	971.5	1434.4	-3.7	-1.6	0.9	9.3	-0.3	-3495409	9.1	
21	971.2	1434.4	-4.6	-2.3	0.8	8.4	-0.3	-3530776	9.1	
21	970.9	1434.2	-4	-1.5	0.7	9.8	-0.5	-3554754	9.1	
21	970.6	1434.1	-4.2	-2.3	0.6	8.3	-0.6	-3591338	9.1	
21	970.3	1434	-3.2	-1.4	0.5	9.5	-0.7	-3628683	9.1	
21	970	1433.8	-4	-2	0.2	7.9	-0.8	-3666813	9.1	
21	969.7	1433.8	-4.2	-1.7	0.2	8	-0.9	-3712323	8.9	
21	969.4	1433.7	-3.8	-2.1	-0.1	9.4	-0.9	-3758977	8.9	
21	969.1	1433.8	-3.9	-1	-0.1	8.6	-0.8	-3799910	8.9	
21	968.8	1433.9	-3.3	0	-0.3	9.8	-0.6	-3827697	8.9	
21	968.5	1434	-4.8	-1.4	0	7.9	-0.6	-3841744	9	
21	968.2	1434.1	-2.1	0.5	0.1	11.3	-0.6	-3848806	9	
21	967.9	1434.3	-2.4	0.9	0.6	10.3	-0.7	-3848806	9	
21	967.6	1434.5	-0.8	2.6	1.1	12.4	-0.7	-3841744	9	
21	967.3	1434.6	-2.3	0.7	1.5	11.6	-0.7	-3841744	9	
21	967	1434.9	-2.8	0.6	2.1	10.2	-0.8	-3848806	9	
21	966.7	1435	-3.4	-0.4	2.4	9.4	-0.9	-3870148	9	
21	966.4	1435.2	-3.7	0.6	2.5	9.6	-1	-3898976	9	
21	966.1	1435.1	-3.4	-0.2	2.2	10	-0.9	-3935621	9	
21	965.8	1435.1	-4.6	-0.9	1.9	7.6	-0.7	-3988096	8.9	
21	965.5	1434.8	-4.2	-0.7	1.1	8.2	-0.5	-4049807	8.8	
21	965.2	1434.4	-4.5	-0.6	0.4	6.6	-0.3	-4113458	8.8	
21	964.9	1433.8	-5.5	-2.6	-0.4	6.9	-0.3	-4170817	8.7	
21	964.6	1433.5	-4.2	-1.1	-0.8	7.8	-0.4	-4221271	8.7	
21	964.3	1433.2	-3.7	-0.4	-1	8.8	-0.6	-4264257	8.8	
21	964	1433.4	-5.4	-1.3	-0.7	7.4	-0.7	-4334886	9.2	
21	963.7	1433.6	-4	0.1	-0.1	9	-1	-4398635	9.6	
21	963.4	1433.8	-4.6	-1.3	0.5	9.2	-1.2	-4464286	9.9	
21	963.1	1434	-4.8	-1	1.1	8.6	-1.3	-4502689	10	
21	962.8	1434.1	-3.9	-0.2	1.7	10.4	-1.4	-4531927	10	
21	962.5	1434.4	-5	-0.4	2.4	9.5	-1.4	-4551631	9.9	
21	962.2	1434.6	-3.8	0.2	2.5	10	-1.2	-4541757	9.8	
21	961.9	1434.5	-3.9	0.1	2.5	9	-1	-4512393	9.7	
21	961.6	1434.4	-3.5	0.2	2.3	10.5	-0.9	-4483405	9.3	
21	961.3	1434.3	-3.3	0.6	1.8	9.5	-0.6	-4445329	8.9	
21	961	1433.9	-3.1	1.5	1.2	9.3	-0.6	-4398635	8.4	
21	960.7	1433.6	-2.7	1.9	0.5	9.3	-0.3	-4361980	8.3	
21	960.4	1433.2	-4.2	0.4	0.1	7.9	-0.3	-4325930	8.4	
21	960.1	1433.1	-3.7	1	-0.2	9.3	-0.3	-4290472	8.6	
21	959.8	1433	-3.7	1.1	-0.3	8.8	-0.4	-4255590	8.8	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
21	959.5	1432.8	-2.6	1.6	-0.4	9.8	-0.5	-4229798	9.1	
21	959.2	1432.7	-4	1.8	-0.4	8.7	-0.6	-4204318	9.3	
21	958.9	1432.7	-3.8	-0.1	-0.2	9.2	-0.8	-4170817	9.4	
21	958.6	1432.8	-3.4	1.2	0.3	9.2	-0.9	-4129685	9.4	
21	958.3	1432.8	-2.5	1.5	0.5	10.1	-1	-4097359	9.4	
21	958	1432.8	-3.4	0.8	0.8	9.6	-1	-4073444	9.4	
21	957.7	1432.8	-3.8	-0.6	1	9.3	-1	-4057655	9.4	
21	957.4	1432.9	-3.5	0.5	1.2	10.2	-0.9	-4041989	9.3	
21	957.1	1432.8	-2.6	1.6	1.3	9.6	-0.8	-4026443	9.2	
21	956.8	1432.9	-3.3	0.5	1.2	10.4	-0.6	-4026443	9.2	
21	956.5	1433	-3.9	0	1.2	9.1	-0.5	-4026443	9.1	
21	956.2	1433	-3.4	-0.1	1.1	10	-0.5	-4034201	9	
21	955.9	1433	-3.8	1	1.1	8.6	-0.5	-4034201	8.9	
21	955.6	1432.8	-3	-0.9	0.9	10.6	-0.5	-3995706	8.9	
21	955.3	1432.4	-3.6	-1.2	0.6	9.4	-0.6		8.9	
21	955	1432.2	-5	-4.2	0.3	8.7	-0.7		8.9	
21	954.7	1431.9	-3.3	-1	0.2	9.9	-0.8		8.9	
21	954.4	1431.8	-5.1	-2.3	0.2	8.6	-0.9		8.9	
21	954.1	1431.9	-4	-0.6	-0.1	9.4	-0.6		8.9	
21	953.8	1432	-5.3	-1.6	0.1	8	-0.6		8.9	
21	953.5	1432.1	-4.5	-1.1	0	9.6	-0.5		9	
21	953.2	1432.1	-5.9	-1.3	0.3	7.6	-0.6		9	
21	952.9	1432.1	-4.4	-0.2	0.2	9.7	-0.5		9	
21	952.6	1432.3	-6.1	-1.6	0.3	8.2	-0.4		9	
21	952.3	1432.2	-5.9	-0.4	0.4	7.9	-0.5		9	
21	952	1432.1	-6.3	-2.1	0.4	8.2	-0.6		9	
21	951.7	1432.1	-5.2	-1.5	0.3	9	-0.6		9	
21	951.4	1432	-5.4	0	0.3	9.6	-0.7		9	
21	951.1	1432.1	-6.5	-2.5	0.5	7.6	-0.8		9	
21	950.8	1432.1	-6	-1.4	0.6	9.6	-0.9		9	
21	950.5	1432.4	-6.5	-1.7	1	7.5	-1		9	
21	950.2	1432.6	-5.7	-1.8	1.3	9.4	-1.1		9	
21	949.9	1432.7	-6.2	-1.2	1.6	8.4	-1.2		9	
21	949.6	1432.9	-5.9	-2.1	2	8.7	-1.2		9	
21	949.3	1432.9	-6.3	-2.4	2.3	7.3	-1.2		9.1	
21	949	1432.9	-6.8	-3.3	2.5	7.1	-1.2		9.1	
21	948.7	1432.8	-5.6	-2.3	2.1	8.4	-1.1		9.2	
21	948.4	1432.8	-7.3	-4.2	1.8	6.6	-1		9.3	
21	948.1	1432.7	-5.7	-3	0.9	7.5	-0.9		9.3	
21	947.8	1432.6	-6.1	-1.9			-0.9		9.3	
21	947.5	1432.4	-5.3	-1.6			-0.9		9.3	
21	947.2	1432	-4.9	-1.2			-0.9		9.2	
21	946.9	1431.5	-3.8	-1.2			-0.8		9.1	
21	946.6	1431.2	-4.2	-0.2			-0.9		8.8	
21	946.3	1431.4	-3.1	0.7			-0.9		8.7	
21	946	1432	-3.1	0.3			-0.9		8.7	
21	945.7	1432.9	-1.2	1.3			-1.2		8.6	

Perfil	STE Metro CDMX
Lugar Inicial	21km 941.0m
PK Final	21km 3.2m
Sentido De Avance	Decremento
Referencias Trabajo	VIA 2
ID Ruta/Liena	Ermita Mexicaltzingo 3
ID Vía	Via Principal
Hora Inicial	15:51:06 09-dic.-21
Hora Final	16:03:39 09-dic.-21
Versión Software	TOP01S020r0010(74)
Unid. Desplazamiento	Milímetros
Unidad Longitud	Milímetros
Unidad de ángulo	Grados
ID Perfil	L12
Signo del Peralte	Sentido horario
Intervalo adquisición	300.0mm (300.0mm)
Nivel. I superpuesto 1	12600.0mm
Nivel. I superpuesto 2	19000.0mm
Base Radio Derecho	20.0m (20.1m)
Base Radio Curv.Prom D	20.0m
Base Áng.Curv. Prom. D	20.0m
Áng.Curv.Cuerda Der	20.0m
Nivel. D superpuesto 1	20.0m
Nivel. D superpuesto 2	20.0m
Temp. Sistema Inicial	22.0°C
Temp. Sistema final	22.9°C
Ancho Referencia	1435.0mm
Ancho Refcia. Peralte	1500.0mm
Long. Cuerda Delantera	2500.0mm (2400.0mm)
Long. cuerda trasera	2500.0mm (2400.0mm)
Temperatura Nivelación	21.9°C

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
21	940.7	1434.5	2.3				0.4		-0.8	
21	940.4	1434.8	2.6				0.5		-0.8	
21	940.1	1434.8	2.3				0.5		-0.7	
21	939.8	1434.7	2.9				0.6		-0.6	
21	939.5	1434.6	2.4				0.5		-0.5	
21	939.2	1434.7	2.5				0.4		-0.3	
21	938.9	1434.3	3				0.2		-0.2	
21	938.6	1434.2	2.4				0.1		-0.1	
21	938.3	1434.2	2.5		0	-0.1	-0.1		0	
21	938	1434.1	3.3		-0.1	0.3	-0.2		0	
21	937.7	1434.1	3.3		-0.1	0.5	-0.2		0	
21	937.4	1434.1	3.1		-0.1	0	-0.2		0	
21	937.1	1434.2	3.3		-0.2	0.7	0.1		0	
21	936.8	1434.1	3.3		-0.6	0.8	0.3		0	
21	936.5	1434.2	3.2		-0.4	0.6	0.6		-0.1	
21	936.2	1434	3.2		-0.8	0.8	0.8		-0.1	
21	935.9	1434.2	2.9		-0.7	0.3	1		-0.1	
21	935.6	1434.1	3.4		-0.6	0.2	1		-0.1	
21	935.3	1434	3.4		-0.5	1	1		-0.1	
21	935	1434.1	3.4		-0.5	0.9	1.2		-0.2	
21	934.7	1434.1	2.8		-0.6	0.5	1.3		-0.3	
21	934.4	1434.1	2.5		-0.4	0.3	1.2		-0.4	
21	934.1	1433.8	2.1		-0.5	0.3	0.8		-0.5	
21	933.8	1433.8	2.2		-0.2	0.3	0.6		-0.7	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
21	933.5	1433.6	2.6		-0.3	0.7	0.1		-1.1	
21	933.2	1433.2	2.9		-0.6	0.6	-0.3		-1.2	
21	932.9	1432.9	1.3		-0.7	-0.8	-0.7		-0.8	
21	932.6	1432.7	1.5		-0.7	-0.8	-1		-0.5	
21	932.3	1432.5	0.7		-0.7	-0.9	-1.2		0.3	
21	932	1432.5	0.3		-0.8	-0.5	-1.2		1	
21	931.7	1432.7	-0.5		-0.4	-0.7	-1.2		1.8	
21	931.4	1432.9	-0.9		-0.4	-0.4	-1.1		2.5	
21	931.1	1433.4	-1.3		0	-0.6	-0.8		3.1	
21	930.8	1434.2	-1.1		0.4	-0.1	-0.2	9738372	3.4	
21	930.5	1434.6	-0.8		0.5	0.2	0.2	10163835	3.2	
21	930.2	1434.7	0.1		0.6	0.9	0.4	10682398	2.5	
21	929.9	1434.8	1		0.5	1.3	0.7	11136968	1.6	
21	929.6	1435	1.2		0.5	0.8	1	11567680	0.7	
21	929.3	1434.8	1.9		0.2	1.3	1.1	11762641	0.2	
21	929	1434.9	1.8		0.3	0.9	1.2	11631945	-0.3	
21	928.7	1434.8	2.2		0	1.6	1.3	11256721	-0.7	
21	928.4	1434.8	2		-0.5	0.5	1.3	10737180	-1.2	
21	928.1	1434.9	3	0.7	-0.6	0.9	1.4	10114734	-1.5	
21	927.8	1434.8	1.9	-0.7	-0.9	0	1.6	9431306	-1.1	
21	927.5	1434.8	1.9	-0.4	-0.9	-0.3	1.6	8834388	-0.9	
21	927.2	1434.5	1.9	-1	-1.3	0.2	1.6	8341634	-0.4	
21	926.9	1434.4	2.2	-0.2	-1.3	0.5	1.6	8022031	0	
21	926.6	1433.9	2	-0.5	-1.6	0.7	1.4	7812500	0.3	
21	926.3	1433.7	1.2	-1.8	-1.5	-0.3	1.2	7783457	0.6	
21	926	1433.7	1.8	-0.6	-1.3	0.7	1	7812500	0.7	
21	925.7	1433.6	2	-0.5	-1.4	0.4	0.7	7930871	0.8	
21	925.4	1433.5	1.5	-1.8	-1.3	0.3	0.3	8115310	0.8	
21	925.1	1433.5	1.6	-1.7	-1.1	0.7	0	8375000	0.9	
21	924.8	1433.4	1.4	-1.7	-0.9	0.7	-0.3	8723959	0.9	
21	924.5	1433.3	1.5	-1.8	-0.8	0.2	-0.4	9143013	0.8	
21	924.2	1433.2	1.5	-1.8	-0.6	0.7	-0.5	9604358	0.8	
21	923.9	1433.2	2	-1.2	-0.4	1.4	-0.5	9970238	0.7	
21	923.6	1433.3	1.7	-1.5	-0.3	0.9	-0.4	10416667	0.6	
21	923.3	1433.7	1.8	-1.1	-0.1	0.9	-0.2	10737180	0.4	
21	923	1434.1	2.1	-1.3	0.1	0.7	0	10848446	0.1	
21	922.7	1434.5	1.8	-1.6	0.3	0.5	0.2	10848446	0	
21	922.4	1434.6	1.4	-2	0.4	0	0.2	10792526	0	
21	922.1	1434.7	1.9	-0.9	0.6	0.6	0.1	10737180	-0.1	
21	921.8	1434.7	1.2	-1.3	0.7	-0.5	0	10628173	-0.1	
21	921.5	1434.6	1.5	-0.6	0.7	-0.3	-0.2	10314040	-0.1	
21	921.2	1434.4	1.1	-1.1	0.7	-0.8	-0.4	9876179	-0.1	
21	920.9	1434.5	0.6	-2	0.8	-1.2	-0.5	9347098	-0.1	
21	920.6	1434.5	1.5	-1.4	0.9	-1.3	-0.5	8947650	-0.2	
21	920.3	1434.5	1.1	-0.2	0.5	-1.3	-0.5	8545919	-0.2	
21	920	1434.6	1.3	-0.2	0.3	-1.1	-0.3	8083977	-0.2	
21	919.7	1434.7	0.9	0.2	-0.1	-1.6	-0.1	7669414	-0.2	
21	919.4	1434.8	1.7	1.4	-0.4	-0.6	0.2	7320804	-0.2	
21	919.1	1434.9	1.5	2	-0.8	-0.9	0.6	7026007	-0.2	
21	918.8	1434.8	1.8	2.7	-0.9	-0.3	0.8	6842320	-0.2	
21	918.5	1434.7	1.7	3	-1.2	0	1	6754032	-0.2	
21	918.2	1434.2	3.2	4.3	-1.8	1.3	1.1	6754032	-0.2	
21	917.9	1434.4	2.7	3.5	-1.8	0.8	1.3	6842320	-0.2	
21	917.6	1434.7	3.1	3	-1.4	0.9	1.3	7049664	-0.3	
21	917.3	1435.2	2.8	1.8	-0.9	0.6	1.2	7346491	-0.3	
21	917	1435.4	3	1.8	-0.7	1	1.1	7726015	-0.2	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
21	916.7	1435.6	2.9	1	-0.5	1.1	1	8178711	-0.1	
21	916.4	1435.4	2.8	1	-0.3	0.7	0.7	8580943	0	
21	916.1	1435.3	2.5	0.3	-0.2	0.4	0.7	8947650	0.2	
21	915.8	1435.4	1.9	-0.1	0.5	-0.7	0.6	9223568	0.3	
21	915.5	1435.2	2.3	-0.7	0.6	0.4	0.4	9389014	0.5	
21	915.2	1435.1	2.6	0.7	0.8	0.5	0.2	9347098	0.7	
21	914.9	1435.1	2.8	0.9	0.6	0.9	0.2	9183114	1	
21	914.6	1435.1	2	0.1	0.6	-0.2	0.2	8909575	1.6	
21	914.3	1435.2	1.9	-0.3	0.8	-0.7	0.1	8616255	1.7	
21	914	1435.2	2.5	0.5	0.9	0.1	0	8275692	1.7	
21	913.7	1434.8	3	1.8	0.6	0.6	-0.3	7900944	1.8	
21	913.4	1434.3	2.6	0.8	0	0.9	-0.5	7531475	2	
21	913.1	1434	2.2	0.2	-0.4	0.6	-0.5	7219828	2.2	
21	912.8	1433.4	2.5	1	-1	1.2	-0.7	6955980	2.1	
21	912.5	1433.4	3	1.4	-1	1.4	-0.9	6710737	1.7	
21	912.2	1433.2	4.6	3.2	-1.1	2.7	-1.1	6482198	0.7	
21	911.9	1433	5.7	4.2	-1.6	2.7	-1	6268713	-0.4	
21	911.6	1433.3	5.4	3.9	-1.7	2	-0.6	6086483	-0.8	
21	911.3	1433.6	5.9	3.9	-1.6	1.8	-0.2	5897888	-1.3	
21	911	1434.3	5.6	3.9	-1.2	1.3	0.4	5705041	-1.8	
21	910.7	1434.6	5.3	3.5	-1.2	0.9	0.8	5524407	-2	
21	910.4	1435	4.3	2.2	-1	-0.2	1.3	5396263	-2	
21	910.1	1435.5	3.8	2	-1	-0.6	1.8	5287248	-1.7	
21	909.8	1435.8	3.2	1.8	-0.8	-1.4	2.1	5208334	-1	
21	909.5	1436	3.3	1.4	-0.9	-1.2	2.3	5169753	-0.2	
21	909.2	1436.1	2.8	1.6	-1	-1.4	2.3	5182550	0.3	
21	908.9	1436	2.6	1.1	-1	-1.6	2	5247494	0.7	
21	908.6	1436	2.4	1.3	-1	-0.8	1.7	5341199	1.2	
21	908.3	1436	2.7	2.1	-0.8	-0.4	1.3	5466710	1.4	
21	908	1436	2.6	1.1	-0.6	0.4	1	5598262	1.5	
21	907.7	1436	2.5	1.4	-0.6	0.2	0.7	5767907	1.5	
21	907.4	1435.9	2.6	1.3	-0.4	0.8	0.4	5931303	1.2	
21	907.1	1436.2	3	2.1	0.1	0.6	0.2	6104228	0.7	
21	906.8	1436.2	3.6	1.9	0.1	1.2	0.1	6268713	0.2	
21	906.5	1436.3	3.9	2.4	0.2	0.9	0.2	6422546	-0.2	
21	906.2	1436.3	3.3	1.5	0.1	0.3	0.2	6542969	-0.5	
21	905.9	1436.3	3.8	2.1	0	0.8	0.3	6689297	-0.7	
21	905.6	1436.3	3.2	0	0	0	0.3	6864754	-0.8	
21	905.3	1436.2	3.8	1.1	-0.3	0.6	0.4	7026007	-0.8	
21	905	1436	2.9	-0.2	-0.4	-0.3	0.4	7170377	-0.6	
21	904.7	1435.9	2.9	0.1	-0.6	0.1	0.4	7244810	-0.3	
21	904.4	1435.9	2.4	-0.6	-0.5	-0.5	0.4	7269965	0.1	
21	904.1	1435.8	3.1	0.2	-0.6	0.7	0.5	7244810	0.5	
21	903.8	1435.9	2.6	-0.2	-0.6	0.9	0.7	7145905	1	
21	903.5	1436	2	-0.5	-0.6	0.4	0.9	6955980	1.3	
21	903.2	1436.1	2.2	0.3	-0.5	0.8	1	6689297	1.5	
21	902.9	1436.2	2.3	0	-0.4	0.8	1.1	6383384	1.6	
21	902.6	1436.2	2.6	0	-0.5	1.2	1.3	6016523	1.6	
21	902.3	1436.1	2	-0.8	-0.5	0.5	1.3	5658784	1.6	
21	902	1435.8	2.4	0.4	-0.6	1.2	1.2	5314087	1.5	
21	901.7	1435.5	1.9	0	-0.6	0.1	1	5020984	1.4	
21	901.4	1435.2	2.2	-0.3	-0.8	0.6	0.9	4802179	1.4	
21	901.1	1435.1	2.1	-0.9	-0.8	0.4	0.8	4642462	1.2	
21	900.8	1435	2.6	0	-0.8	0.4	0.7	4541757	1	
21	900.5	1434.8	2.5	0.3	-1	0.5	0.4	4483405	0.8	
21	900.2	1434.7	3.2	0.7	-1	0.1	0.3	4473825	0.5	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
21	899.9	1434.7	3.3	0.3	-0.9	0.5	0.3	4522139	0.3	
21	899.6	1434.5	3.1	-1.5	-0.9	0	0.2	4611784	0.2	
21	899.3	1434.4	3.3	-2.4	-0.9	0.1	0.1	4747733	0	
21	899	1434.4	3.4	-2	-0.8	-0.1	0.1	4903396	-0.1	
21	898.7	1434.3	3.8	-2.1	-0.6	0.6	0.1	5069613	-0.2	
21	898.4	1434.2	4.2	-1.4	-0.6	0.6	0.1	5247494	-0.4	
21	898.1	1434.5	3.4	-1.9	-0.2	-0.4	0.2	5424223	-0.7	
21	897.8	1434.5	4.7	0.4	-0.1	0.6	0.2	5598262	-0.8	
21	897.5	1434.6	4.3	0.5	0.1	0.6	0.3	5783840	-0.8	
21	897.2	1434.6	4.3	1.1	0.2	1	0.2	5948154	-1	
21	896.9	1434.9	4.5	1.2	0.5	0.6	0.2	6122076	-1.2	
21	896.6	1434.9	4.6	1.8	0.4	0.6	0.2	6287538	-1	
21	896.3	1434.6	3.9	1.3	0.2	-0.4	0.1	6482198	-0.6	
21	896	1434.4	3.8	1.4	-0.1	-0.2	0	6667994	-0.2	
21	895.7	1434.1	3.8	1.1	-0.5	0	-0.2	6842320	0	
21	895.4	1434	3.4	0.8	-0.6	-0.2	-0.3	7026007	0.4	
21	895.1	1433.7	2.5	0	-0.9	-0.1	-0.4	7219828	1.2	
21	894.8	1433.9	1.6	-1	-1	-0.1	-0.1	7398410	2	
21	894.5	1434	2.1	-0.9	-1.3	0.7	0.1	7531475	2.3	
21	894.2	1434.2	2.7	-0.9	-1.2	0.8	0.2	7613637	2.2	
21	893.9	1434.4	3.6	-0.3	-1.1	1.8	0.4	7669414	1.6	
21	893.6	1434.7	3.4	0.1	-0.7	1.2	0.5	7754630	1.2	
21	893.3	1435	4.3	0.5	-0.5	2.1	0.7	7841760	0.8	
21	893	1435.2	3.4	0.2	-0.5	0.8	1	7900944	0.6	
21	892.7	1435.4	3.4	-0.4	-0.5	1.2	1.3	7961027	0.4	
21	892.4	1435.4	3.1	0.2	-0.5	1.2	1.3	8052885	0.2	
21	892.1	1435.6	3	0.1	-0.3	0.7	1.3	8115310	-0.2	
21	891.8	1435.6	3.6	1.2	-0.5	0.6	1.3	8146887	-0.5	
21	891.5	1435.5	3	-0.1	-0.6	-0.8	1.3	8146887	-0.6	
21	891.2	1435.4	3	0.4	-0.7	-0.4	1.3	8115310	-0.5	
21	890.9	1435.5	2.2	0.2	-0.7	-1.8	1.4	8052885	-0.4	
21	890.6	1435.5	3	0.8	-0.7	-0.2	1.4	7961027	-0.4	
21	890.3	1435.5	2.6	0.3	-0.8	-1.1	1.4	7812500	-0.3	
21	890	1435.4	2.5	-0.1	-0.6	-1	1.3	7697610	-0.2	
21	889.7	1435.3	2.1	0.1	-0.7	-1	1.2	7641424	0.1	
21	889.4	1435.3	2.4	0	-0.4	-0.9	1	7586051	0.2	
21	889.1	1435.2	2.9	1	-0.4	0	0.9	7531475	0.2	
21	888.8	1434.9	2.4	0.2	-0.3	-0.9	0.6	7531475	0.3	
21	888.5	1434.6	3	0.9	-0.3	0	0.3	7558664	0.3	
21	888.2	1434.4	2.3	-0.3	-0.2	-1	0	7641424	0.3	
21	887.9	1434.4	3.4	0.9	0	0.7	-0.2	7783457	0.3	
21	887.6	1434.1	3.5	0.3	0	0.3	-0.5	7900944	0.3	
21	887.3	1434.1	3.5	0.2	0.1	0.7	-0.6	7991412	0.3	
21	887	1433.9	3.4	0.3	-0.1	0	-0.8	8022031	0.4	
21	886.7	1434	3.3	0	0	0.5	-0.8	8022031	0.4	
21	886.4	1433.9	4.2	0.8	0	1.5	-0.8	7961027	0.4	
21	886.1	1433.7	4.4	0.6	-0.2	1.5	-0.7	7783457	0.4	
21	885.8	1433.8	4.2	0	-0.3	1.5	-0.5	7477679	0.4	
21	885.5	1433.8	3.4	0	-0.3	0	-0.5	7073480	0.4	
21	885.2	1433.9	4.5	-0.2	-0.2	1.3	-0.4	6625791	0.3	
21	884.9	1434	4.2	-0.1	-0.1	0.9	-0.3	6212908	0.2	
21	884.6	1434.2	5.1	0.8	0	2.1	-0.1	5914548	0	
21	884.3	1434.4	3.6	-0.9	-0.2	0.2	0.1	5705041	0	
21	884	1434.6	3.8	-0.8	-0.2	0.3	0.3	5568484	-0.1	
21	883.7	1434.7	3.7	-0.2	-0.1	0	0.4	5509869	-0.1	
21	883.4	1434.9	4	0.2	-0.3	0.1	0.6	5524407	-0.2	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
21	883.1	1434.9	4.1	0.3	-0.7	0.6	0.8	5598262	-0.3	
21	882.8	1434.8	3.5	0.1	-0.9	-0.4	0.9	5736302	-0.4	
21	882.5	1434.7	3.5	1	-1.3	0.1	1	5914548	-0.4	
21	882.2	1434.8	2.6	1	-1.4	-1.5	1.1	6033862	-0.3	
21	881.9	1434.9	3.6	1.5	-1.4	0.2	1.1	6140030	-0.3	
21	881.6	1435	2.6	-0.1	-1.3	-0.3	1	6212908	-0.2	
21	881.3	1435.2	2.8	-0.8	-1.2	-0.1	1	6268713	-0.2	
21	881	1435.4	3.2	-0.2	-1.1	-0.3	1	6268713	-0.2	
21	880.7	1435.8	3	-1.3	-0.6	-0.2	1	6287538	-0.1	
21	880.4	1435.8	2.5	-0.9	-0.4	-0.4	0.9	6344697	0.2	
21	880.1	1436.1	1.8	-1.6	0.1	-0.6	0.7	6482198	0.4	
21	879.8	1436	2.5	-0.6	0.4	0	0.5	6667994	0.6	
21	879.5	1436.1	2.7	-0.3	0.8	-0.4	0.4	6932947	0.6	
21	879.2	1436	1.7	-1.9	0.8	-0.6	0.3	7195017	0.6	
21	878.9	1436	1.7	-1.3	0.9	-1.1	0.1	7477679	0.6	
21	878.6	1436	2.6	-0.4	0.8	-0.7	0	7697610	0.5	
21	878.3	1435.9	2	-0.2	0.5	-1.1	-0.2	7812500	0.5	
21	878	1435.7	2.8	-0.2	0.3	0.4	-0.3	7783457	0.5	
21	877.7	1435.8	2.1	-0.5	0	-0.2	-0.2	7558664	0.4	
21	877.4	1435.5	3.7	1.2	-0.5	1	0	7219828	0.2	
21	877.1	1434.9	3.8	1.7	-1.5	1.2	0.1	6842320	0.3	
21	876.8	1434.8	3.3	0.9	-1.8	1.3	0.2	6502329	0.5	
21	876.5	1434.8	4.1	1.2	-2	2.2	0.4	6212908	0.6	
21	876.2	1435.1	4.5	2.1	-2	2.6	0.7	5999284	0.6	
21	875.9	1435.3	4.3	1.3	-2.1	2.4	1.1	5832173	0.6	
21	875.6	1435.7	3.4	1.1	-1.9	0.7	1.4	5720629	0.4	
21	875.3	1436	3.5	0.1	-1.8	1.2	1.7	5598262	0.3	
21	875	1436.1	3.4	-0.1	-1.6	0.1	1.7	5481021	0.4	
21	874.7	1436.5	3.1	-0.4	-0.9	-0.3	1.6	5354860	0.4	
21	874.4	1436.7	3.4	0	-0.4	0.2	1.4	5221322	0.4	
21	874.1	1436.8	3.4	0.1	0	0	1.1	5081918	0.4	
21	873.8	1436.8	2.5	-1.7	0.2	-1.4	0.8	4949764	0.4	
21	873.5	1436.8	2.9	-1.5	0.4	-0.6	0.4	4813219	0.3	
21	873.2	1436.8	3.4	-0.8	0.4	0.3	0.2	4694507	0.2	
21	872.9	1436.5	3.2	-0.2	0.1	-0.1	0.1	4621965	0.1	
21	872.6	1436.5	3.8	-0.7	0	1	0.2	4591557	0.1	
21	872.3	1436.7	3.7	-0.5	-0.4	0	0.6	4601649	-0.1	
21	872	1436.6	3.9	-1.2	-0.5	0.4	0.7	4663141	-0.3	
21	871.7	1436.6	3.6	0	-0.6	0	0.9	4769363	-0.3	
21	871.4	1436.5	4.1	0.3	-0.7	1.2	1	4903396	-0.3	
21	871.1	1436.7	3.3	-0.4	-0.7	-0.2	1.3	5069613	-0.2	
21	870.8	1436.7	3.2	-0.8	-0.7	-0.1	1.3	5273930	-0.1	
21	870.5	1436.6	3.3	-0.8	-0.4	-0.1	1.1	5481021	0	
21	870.2	1436.6	2.3	-1.2	-0.1	-1.1	0.7	5658784	0	
21	869.9	1436.5	4.2	0.7	-0.1	0.9	0.4	5752061	0	
21	869.6	1436.1	3	0.4	-0.1	-0.5	0	5767907	0.1	
21	869.3	1435.9	3.3	-0.3	0	0.1	-0.1	5720629	0.3	
21	869	1435.6	2.8	0.2	0	-0.5	-0.2	5613271	0.3	
21	868.7	1435.4	3.7	0.9	-0.2	0.8	-0.2	5438312	0.2	
21	868.4	1435.4	3.1	-0.1	-0.2	0	-0.1	5221322	0.2	
21	868.1	1435.3	3.6	0.6	-0.5	0.7	0.1	4961493	0.3	
21	867.8	1435.5	3.1	0.6	-1	0.8	0.6	4684005	0.5	
21	867.5	1435.7	3	1.2	-1.1	-0.1	0.8	4435911	0.6	
21	867.2	1435.8	3.3	0.8	-1.3	0.5	1	4229798	0.6	
21	866.9	1435.3	3.5	0.8	-1.6	1	0.8	4049807	0.7	
21	866.6	1435.1	3.1	1.4	-1.7	1	0.7	3891729	0.8	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
21	866.3	1434.8	2.8	1.1	-1.7	0.1	0.4	3765738	0.8	
21	866	1434.7	3.5	0.9	-1.8	1.4	0.3	3679702	0.8	
21	865.7	1434.9	3.1	1.1	-1.5	0.5	0.2	3628683	0.8	
21	865.4	1435.2	3.3	0.5	-1.3	1.1	0.3	3609914	0.8	
21	865.1	1435.6	3.2	1.1	-1.1	1	0.4	3634983	0.8	
21	864.8	1436.1	3.9	0.2	-0.8	1.2	0.6	3679702	0.7	
21	864.5	1436.4	3.1	-0.7	-0.5	0.6	0.9	3738840	0.7	
21	864.2	1436.7	3	-0.3	-0.2	0.5	1.2	3806819	0.6	
21	863.9	1436.8	3.3	-0.8	-0.1	1	1.4	3891729	0.6	
21	863.6	1437	2.7	-1.8	0	-0.1	1.6	3988096	0.5	
21	863.3	1437.1	3.3	-1	-0.1	0.8	1.7	4065534	0.5	
21	863	1437	2.9	-0.5	0	-0.1	1.5	4137846	0.6	
21	862.7	1436.9	2.9	-0.6	-0.1	0.6	1.2	4187500	0.7	
21	862.4	1436.8	3.5	0.1	-0.2	0.1	0.9	4229798	0.9	
21	862.1	1436.6	2.9	-0.2	0	1.3	0.5	4290472	1.2	
21	861.8	1436.4	3.2	-0.2	0	1.3	0.1	4343880	1.4	
21	861.5	1436.2	2.9	-0.5	0.1	0.6	-0.2	4407895	1.4	
21	861.2	1436.1	3.2	0.7	0.1	1.2	-0.4	4483405	1.4	
21	860.9	1436	3	0.1	0.1	0.5	-0.6	4591557	1.3	
21	860.6	1435.9	3.8	0.4	-0.1	1.4	-0.5	4705057	1.3	
21	860.3	1436	2.8	-0.4	-0.1	-0.1	-0.3	4813219	1.1	
21	860	1436.1	4.7	0.9	-0.4	1.6	0.1	4869186	0.6	
21	859.7	1435.9	2.5	-1.2	-0.7	-0.8	0.4	4869186	0.6	
21	859.4	1435.9	3.7	-0.2	-0.9	0.5	0.7	4791190	0.5	
21	859.1	1435.8	4.1	0.5	-1.1	0.4	1	4663141	0.2	
21	858.8	1435.7	4.1	0	-1.4	0.3	1.3	4502689	0	
21	858.5	1435.9	4.3	1	-1.6	0.3	1.6	4334886	-0.4	
21	858.2	1436	4.6	1.4	-1.7	-0.5	1.9	4187500	-1	
21	857.9	1435.9	5.1	1.8	-2.2	0.7	2.2	4057655	-1.4	
21	857.6	1436	3.9	1.6	-2.4	-1.6	2.3	3972961	-1.6	
21	857.3	1435.8	4.9	0.7	-2.6	0.2	2.3	3913552	-1.6	
21	857	1435.7	4.2	1.2	-2.7	-1	2.3	3884509	-1.4	
21	856.7	1435.6	4.9	1.6	-2.8	-0.3	2.3	3863008	-1.3	
21	856.4	1435.6	4.4	1.6	-2.6	-0.3	2.2	3841744	-1.1	
21	856.1	1435.7	4.1	0.4	-2.3	-1.3	2	3813753	-0.8	
21	855.8	1435.7	4.5	1.4	-2.2	-0.1	1.9	3779333	-0.2	
21	855.5	1435.8	3.3	-0.3	-1.7	-1	1.7	3732175	0.3	
21	855.2	1436.1	3.1	0	-1.2	-0.1	1.3	3686180	0.5	
21	854.9	1436.3	3.7	0.7	-0.8	0.2	1	3647649	0.6	
21	854.6	1436.4	4	0.7	-0.4	0.8	0.7	3622405	0.6	
21	854.3	1436.4	3.7	0.2	-0.2	-0.1	0.4	3616149	0.7	
21	854	1436.3	3.2	0.1	0.3	-0.4	-0.1	3634983	0.6	
21	853.7	1436.1	5	2.2	0.5	1.6	-0.5	3673246	0.3	
21	853.4	1436	4.2	0.7	0.7	0.2	-0.6	3732175	0.2	
21	853.1	1435.7	4.1	1	0.7	0.6	-0.7	3827697	0.2	
21	852.8	1436	3.6	0.3	0.8	0.2	-0.5	3950472	0.2	
21	852.5	1436.3	3.4	0.2	0.8	0	-0.3	4097359	0.2	
21	852.2	1436.6	3.5	-0.4	0.8	-0.2	-0.1	4264257	0.2	
21	851.9	1436.8	4	0.9	0.7	0.3	0.1	4445329	0.1	
21	851.6	1436.6	4.1	1.1	0.3	0.4	0.2	4632191	0.2	
21	851.3	1436.4	3.3	0	0.1	-0.9	0.2	4835451	0.3	
21	851	1436.1	3.9	1.2	-0.2	0.2	0.2	5033053	0.4	
21	850.7	1435.7	4.1	0.8	-0.4	0.4	0.2	5182550	0.5	
21	850.4	1435.3	4.1	1.2	-0.8	0.3	0.1	5287248	0.5	
21	850.1	1435.2	3.6	0.7	-1.1	0.2	0.2	5314087	0.6	
21	849.8	1435.4	3.8	0.3	-1.1	0.7	0.4	5234375	0.6	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
21	849.5	1435.6	4	1.1	-1.2	0.3	0.7	5057367	0.5	
21	849.2	1435.9	4.6	1.4	-1.1	0.9	1.1	4824309	0.4	
21	848.9	1436	4	1.1	-1.2	0.4	1.4	4551631	0.3	
21	848.6	1436.1	4.1	0.9	-1.1	0.4	1.6	4290472	0.1	
21	848.3	1436.1	4.4	1.4	-1	0.6	1.6	4057655	-0.1	
21	848	1436.1	5	1.2	-0.9	0.7	1.7	3870148	-0.4	
21	847.7	1435.9	4.6	1.8	-1.1	0.6	1.7	3745528	-0.5	
21	847.4	1435.7	3.9	-0.8	-1.3	-0.4	1.6	3673246	-0.6	
21	847.1	1435.5	4.3	1.8	-1.4	0.2	1.4	3660403	-0.7	
21	846.8	1435.2	4.1	0.4	-1.4	-0.8	1.1	3686180	-0.8	
21	846.5	1435.2	4.5	0.4	-1.3	0.2	1	3752241	-0.8	
21	846.2	1435.1	3.8	-0.3	-1.1	-0.6	0.8	3841744	-0.7	
21	845.9	1435.2	3.4	-0.9	-1	-0.5	0.8	3943032	-0.6	
21	845.6	1435.3	3.8	-0.8	-1	0	0.9	4057655	-0.5	
21	845.3	1435.4	3.4	-1.7	-0.8	-0.3	1	4179142	-0.3	
21	845	1435.3	3.7	-0.2	-0.8	0.5	1	4272960	-0.1	
21	844.7	1435.3	2.8	-2.1	-0.6	-0.6	1	4352911	0.3	
21	844.4	1435.1	3.7	-0.5	-0.8	1.3	1	4426533	0.5	
21	844.1	1434.9	3	-1.9	-1	-0.2	0.9	4512393	0.6	
21	843.8	1434.6	3.3	-1.1	-1.1	0.5	0.8	4581510	0.6	
21	843.5	1434.6	2.2	-1.9	-1.2	-0.3	0.7	4642462	0.6	
21	843.2	1434.6	1.7	-2.8	-1	-0.8	0.3	4705057	0.6	
21	842.9	1434.5	2.2	-1.1	-0.9	-0.4	-0.2	4747733	0.5	
21	842.6	1434.5	2.4	-0.7	-0.5	-1	-0.7	4791190	0.4	
21	842.3	1434.4	3.1	-0.6	-0.6	-0.2	-1.1	4813219	0.5	
21	842	1434.6	1.7	-2.3	0	-1.8	-1.5	4791190	0.6	
21	841.7	1434.8	3.2	-0.5	0.6	0.2	-1.8	4715653	0.6	
21	841.4	1434.8	3	-0.2	0.9	-0.1	-2.1	4601649	0.8	
21	841.1	1435	2.8	-2.2	1.3	0.8	-2.1	4464286	1.5	
21	840.8	1435.4	2.4	-1.8	1.5	1.4	-1.8	4325930	2	
21	840.5	1435.9	2.8	-1.3	1.6	1.5	-1.3	4195892	2	
21	840.2	1436.2	3.9	0.3	1.1	2.4	-0.5	4065534	1.4	
21	839.9	1436.8	4.8	1.4	0.6	2.1	0.7	3965436	0.5	
21	839.6	1437.1	4.5	1	-0.2	1.5	1.8	3898976	-0.2	
21	839.3	1437.1	4.1	0.1	-1.1	0	2.7	3870148	-1	
21	839	1437.3	4.5	0.4	-1.8	0.1	3.6	3898976	-1.6	
21	838.7	1437.1	4.9	1.6	-2.6	-0.2	4.1	3965436	-2.2	
21	838.4	1436.8	4.4	0.5	-3.6	-0.9	4.4	4073444	-2.6	
21	838.1	1436.7	4.4	0.3	-4	-1.1	4.4	4195892	-2.6	
21	837.8	1436.7	3.4	-0.7	-3.9	-2.3	4	4343880	-2.5	
21	837.5	1436.6	3.4	-0.2	-3.9	-2.4	3.4	4512393	-2.1	
21	837.2	1436.3	3.9	0.1	-3.4	-1.3	2.5	4705057	-1.4	
21	836.9	1436.2	3	-1	-2.7	-1.2	1.9	4903396	-0.5	
21	836.6	1436.2	2.7	-1.9	-2	-0.8	1.3	5094283	0.1	
21	836.3	1436.3	3.1	-0.9	-1.3	0	0.9	5273930	0.7	
21	836	1436.5	3	-1.1	-0.4	0.2	0.6	5410207	1.2	
21	835.7	1436.8	3	-1.4	0.3	1	0.4	5495407	1.6	
21	835.4	1437.1	2.5	-2.5	0.9	1.2	0.2	5568484	1.8	
21	835.1	1437.4	2.6	-2	1.2	1.8	0.2	5613271	2	
21	834.8	1437.3	3.1	-0.8	1.2	1.8	0.1	5658784	2	
21	834.5	1437	3.3	-1	1	2.3	-0.1	5658784	1.9	
21	834.2	1436.6	2.7	-1.4	0.7	1.7	-0.5	5613271	1.9	
21	833.9	1436.4	2.8	-1.7	0.6	1.7	-0.8	5539021	1.8	
21	833.6	1435.8	3.6	-0.2	0.2	2.2	-1.1	5452474	1.7	
21	833.3	1435.5	2.8	-0.6	0	0.8	-1.2	5368590	1.5	
21	833	1435.3	2.8	-1	-0.3	1.5	-1.1	5247494	1.4	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
21	832.7	1435.4	2.3	-1.1	-0.4	0.7	-0.9	5094283	1.3	
21	832.4	1435.6	2.7	-1	-0.5	0.9	-0.5	4891940	1.2	
21	832.1	1436	2.8	0	-0.6	0.5	0.1	4663141	1	
21	831.8	1436.5	3.1	-0.6	-0.6	0.9	0.8	4407895	0.9	
21	831.5	1436.8	2.8	-0.2	-0.6	0.3	1.3	4146040	0.8	
21	831.2	1436.9	3.1	-0.2	-0.5	-0.1	1.6	3884509	0.5	
21	830.9	1436.6	4.1	1.9	-0.7	0.9	1.7	3641305	0.3	
21	830.6	1436.4	3	1.3	-0.7	-0.2	1.7	3432378	0.3	
21	830.3	1436.1	3.3	1.1	-1	0.5	1.7	3266381	0.3	
21	830	1436	2.9	0.5	-1	-0.3	1.5	3148497	0.4	
21	829.7	1435.9	3.3	0.2	-1	0.4	1.3	3097264	0.4	
21	829.4	1436	3.5	1.8	-0.9	0.4	1.1	3101852	0.3	
21	829.1	1435.9	3.9	0.7	-0.7	1.1	0.7	3162765	0.4	
21	828.8	1435.8	3.9	0.9	-0.8	0.8	0.5	3281740	0.5	
21	828.5	1435.6	4.2	1.4	-0.7	0.9	0.2	3455033	0.6	
21	828.2	1435.4	4.3	1.9	-0.8	1.3	0.1	3686180	0.6	
21	827.9	1435.4	3.9	1.1	-0.6	1	0	3980514	0.7	
21	827.6	1435.3	4.6	0.7	-0.7	1.6	-0.1	4317011	0.7	
21	827.3	1435.1	3.9	-0.9	-0.6	0.8	-0.3	4684005	0.7	
21	827	1435.1	3.8	-0.7	-0.7	0.5	-0.4	5033053	0.8	
21	826.7	1435	3.6	-0.5	-0.7	0.3	-0.5	5341199	1	
21	826.4	1435.2	4.1	-0.4	-0.6	0.9	-0.4	5583334	1.2	
21	826.1	1435.5	3.7	-1.2	-0.4	0.6	-0.2	5767907	1.2	
21	825.8	1435.7	4.2	-0.2	-0.4	1	0.2	5897888	1.2	
21	825.5	1435.9	3.9	-0.5	-0.3	0.5	0.4	5948154	1	
21	825.2	1436.2	4.5	1.1	0	0.5	0.7	5914548	0.8	
21	824.9	1436.1	4.4	1	0.2	0.7	0.7	5832173	0.7	
21	824.6	1436.4	4.8	0.9	0.3	1	1	5689538	0.5	
21	824.3	1436.6	4.7	1.7	0.2	0.9	1.3	5495407	0.4	
21	824	1436.7	5	2.3	0.1	0.7	1.4	5260679	0.2	
21	823.7	1436.6	4.5	1.4	-0.3	0.6	1.4	5020984	0.1	
21	823.4	1436.5	4.6	1.6	-0.3	0.1	1.3	4769363	0	
21	823.1	1436.2	5	2	-0.7	1.2	1.2	4531927	0.1	
21	822.8	1435.8	5	2.5	-1.1	0.9	1	4325930	0.3	
21	822.5	1435.3	4.9	2.3	-1.5	1.2	1	4162525	0.4	
21	822.2	1435	4.9	1.8	-2	0.7	1	4057655	0.4	
21	821.9	1435.2	4.9	1.6	-1.9	0.9	1.1	4018714	0.2	
21	821.6	1435.3	4.9	2.2	-1.9	1	1.2	4049807	0.2	
21	821.3	1435.4	4.4	1.6	-2	0.1	1.3	4137846	0.2	
21	821	1435.4	4.8	1.2	-2.1	0.9	1.5	4281698	0.3	
21	820.7	1435.5	3.9	1.1	-2	-0.3	1.7	4483405	0.4	
21	820.4	1435.5	4.4	1.6	-1.9	0.7	1.8	4736991	0.4	
21	820.1	1435.6	3.8	1.5	-1.6	-0.4	1.9	5057367	0.3	
21	819.8	1435.5	4.5	1.8	-1.4	0.7	1.8	5410207	0.3	
21	819.5	1435.4	3.7	0.9	-1.4	-0.2	1.7	5767907	0.5	
21	819.2	1435.4	3.2	0.1	-1.3	-0.5	1.4	6122076	0.6	
21	818.9	1435.5	4.6	1.8	-1	1.5	1.2	6402905	0.7	
21	818.6	1435.5	3.9	0.8	-0.7	0.1	0.9	6604890	0.7	
21	818.3	1435.4	4.3	0.2	-0.4	1.5	0.6	6646826	0.8	
21	818	1435.4	3.3	0.3	0.1	0	0.2	6584120	1	
21	817.7	1435.4	4.1	0.8	0.3	1.5	-0.1	6442308	1	
21	817.4	1435.3	3.3	0.4	0.4	-0.1	-0.4	6231399	1	
21	817.1	1435.1	4	0.7	0.4	1.3	-0.6	5982143	1	
21	816.8	1435.2	3.7	0.2	0.2	0.9	-0.5	5720629	0.9	
21	816.5	1435.3	3.2	-0.7	0.1	-0.2	-0.4	5481021	0.7	
21	816.2	1435.2	4.3	0.4	0	0.6	-0.3	5287248	0.5	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
21	815.9	1434.9	3.4	-0.8	-0.4	-0.5	-0.2	5157020	0.4	
21	815.6	1434.7	4.3	0	-0.7	0.7	0.1	5106708	0.3	
21	815.3	1434.8	3.4	-0.5	-0.8	-0.5	0.4	5106708	0.2	
21	815	1435	4.3	-0.3	-0.7	0.7	0.7	5157020	0	
21	814.7	1435.3	3.7	-0.2	-0.5	-0.7	1	5221322	-0.1	
21	814.4	1435.6	4.2	0.4	-0.2	0.2	1.2	5341199	-0.1	
21	814.1	1435.7	3.7	0.1	0	-0.2	1.2	5509869	0.1	
21	813.8	1435.6	4.5	0.4	0.1	0.4	1.1	5705041	0.1	
21	813.5	1435.5	4.3	0.6	0.3	0.5	1.1	5914548	0.2	
21	813.2	1435.3	4.6	0.4	0.3	0.2	1.1	6122076	0.2	
21	812.9	1435	4.1	0.2	0.1	1	1.1	6325529	0.6	
21	812.6	1434.8	4	-0.5	-0.1	0.1	1	6502329	0.6	
21	812.3	1434.5	4.7	0.3	-0.4	1.5	0.8	6689297	0.6	
21	812	1434.1	4.2	-0.6	-1	0.2	0.6	6842320	0.4	
21	811.7	1433.8	4.9	0.2	-1.4	1.4	0.4	7002509	0.4	
21	811.4	1433.6	4.1	-0.9	-1.5	0.2	0.2	7170377	0.5	
21	811.1	1433.3	4.6	0.1	-1.7	1	-0.1	7346491	0.5	
21	810.8	1433	4.8	0.2	-1.9	1	-0.5	7558664	0.5	
21	810.5	1432.9	4.1	-0.9	-1.8	0.6	-0.8	7812500	0.5	
21	810.2	1432.7	4.8	-0.2	-1.6	1.3	-1.1	8115310	0.5	
21	809.9	1433	4	-0.9	-1	0.2	-1.2	8476721	0.6	
21	809.6	1433.3	4.6	-0.3	-0.6	1.5	-1.1	8834388	0.7	
21	809.3	1433.8	4.1	-0.8	0	0.2	-1	9183114	0.8	
21	809	1434.2	4.4	-0.5	0.4	1.4	-0.8	9473982	1	
21	808.7	1434.8	3.9	-0.5	1	0.5	-0.5	9693287	1.2	
21	808.4	1435.5	4	-0.8	1.4	1	0	9829812	1.3	
21	808.1	1435.9	4	0.1	1.4	1.2	0.4	9876179	1.3	
21	807.8	1436.1	4	-0.4	1.4	0.9	0.7	9783879	1.3	
21	807.5	1436	4.1	0.3	0.9	1.3	1	9560502	1.2	
21	807.2	1435.9	3.5	-1	0.6	0.5	1.1	9264381	1.1	
21	806.9	1435.8	4.4	0.7	0.2	1.7	1.2	8909575	0.9	
21	806.6	1435.7	3.8	0.6	0.1	0.6	1.1	8616255	0.8	
21	806.3	1435.4	4.7	0.1	-0.5	1.6	1	8375000	0.9	
21	806	1435.3	3.8	-0.1	-0.6	0.6	0.8	8178711	1.1	
21	805.7	1435.3	4.1	-0.2	-0.5	1.1	0.6	8022031	1.2	
21	805.4	1435.2	4	0.7	-0.4	0.8	0.4	7961027	1.3	
21	805.1	1435.3	4	-0.1	0	0.8	0.3	8052885	1.5	
21	804.8	1435.1	3.6	0.3	0.2	0.8	0.2	8243110	2	
21	804.5	1435	3.2	-0.8	0.4	0.6	0.1	8616255	2.3	
21	804.2	1434.9	3.7	0	0.3	1.6	0.1	9143013	2.3	
21	803.9	1434.9	4.2	1	0.4	0.8	0.1	9738372	1.8	
21	803.6	1434.7	4.7	0.4	0.1	1.6	0.1	10416667	1.3	
21	803.3	1434.5	4.4	1	-0.2	0.7	0.1	11136968	0.9	
21	803	1434.4	5	0.7	-0.5	1.4	0.1	11896307	0.3	
21	802.7	1434	5.3	1.9	-1	0.8	0.1	12537425	-0.2	
21	802.4	1433.5	6.1	1.8	-1.6	1.5	0.1	13004659	-0.8	
21	802.1	1433.3	5.4	1.7	-2	0.8	0.3	13085938	-1.1	
21	801.8	1433.3	4.9	0.7	-2.1	0.4	0.4	13004659	-1.3	
21	801.5	1433.4	5.6	1.9	-2.1	0.8	0.5	12689394	-1.4	
21	801.2	1433.7	4.9	0.4	-1.8	-0.5	0.6	12244152	-1.3	
21	800.9	1433.9	5.1	0.8	-1.6	0.5	0.7	11631945	-0.8	
21	800.6	1434.3	3.9	-0.7	-1.1	-0.9	0.8	10848446	-0.4	
21	800.3	1434.5	4.6	0.5	-0.7	0.5	0.8	10066106	-0.1	
21	800	1434.8	3.9	-0.1	-0.1	-0.6	0.8	9264381	0.2	
21	799.7	1434.9	3.9	-0.8	0.2	0.2	0.8	8545919	0.7	
21	799.4	1435.1	2.8	-1.4	0.5	-0.5	0.8	7961027	1	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
21	799.1	1435.1	2.7	-2.2	0.7	-0.3	0.7	7477679	1.2	
21	798.8	1435.1	3.5	-0.6	0.5	0.7	0.7	7073480	1.2	
21	798.5	1435.1	3.2	-1.4	0.5	0	0.6	6797890	1.2	
21	798.2	1434.9	3.8	-1	0.2	1.3	0.5	6689297	1.3	
21	797.9	1434.8	2.7	-1.4	0.1	-0.2	0.4	6689297	1.3	
21	797.6	1434.7	3.3	-1.5	0	1.4	0.4	6820033	1.3	
21	797.3	1434.5	3.4	-0.6	-0.3	0.5	0.3	7049664	1.2	
21	797	1434.3	3.8	-0.8	-0.5	1.8	0.3	7372359	1.2	
21	796.7	1434.1	2.9	-1.2	-0.5	0.8	0.3	7841760	1.2	
21	796.4	1434	3.1	-1.3	-0.7	1	0.3	8442541	1	
21	796.1	1434	3.6	-0.3	-0.7	1.2	0.3	9103261	1	
21	795.8	1434	3.7	-0.3	-0.7	1.1	0.3	9783879	0.9	
21	795.5	1434	3.8	-0.2	-0.8	1.6	0.3	10365099	0.8	
21	795.2	1433.9	2.6	-1.4	-0.8	-0.1	0.1	10792526	0.8	
21	794.9	1434	4.4	0.3	-1	2.2	0.1	11078042	0.7	
21	794.6	1433.9	3.6	0.1	-1	0.5	-0.1	11136968	0.7	
21	794.3	1433.5	4	-0.4	-1.2	2	-0.2	10962042	0.7	
21	794	1433.7	2.8	-1	-0.9	0.2	-0.2	10628173	0.7	
21	793.7	1433.7	3.7	-1	-0.8	1.5	-0.3	10213415	0.6	
21	793.4	1433.9	3.3	-0.5	-0.7	0.4	-0.2	9738372	0.6	
21	793.1	1434.2	3.3	-0.8	-0.4	0.7	-0.1	9264381	0.5	
21	792.8	1434.6	3.7	-0.3	-0.1	1.4	0.2	8834388	0.4	
21	792.5	1435.2	2.5	-1.5	0.3	-0.8	0.4	8442541	0.1	
21	792.2	1435.6	3.9	0.3	0.4	1	0.7	8146887	-0.1	
21	791.9	1435.7	2.5	-0.7	0.8	-1.2	0.7	7991412	-0.2	
21	791.6	1435.6	3.5	-0.2	0.4	0.4	0.8	7900944	-0.2	
21	791.3	1435.6	1.9	-2.3	0.5	-1.8	0.8	7841760	-0.1	
21	791	1435.5	3.2	-1.5	0.3	0.2	0.8	7841760	-0.1	
21	790.7	1435.4	2.4	-2	0.1	-1.1	0.8	7871241	-0.1	
21	790.4	1435.1	2.8	-2.2	-0.2	-0.5	0.7	7961027	0	
21	790.1	1435	2.5	-2.8	-0.5	-0.1	0.7	8083977	0.1	
21	789.8	1435	2.1	-4	-0.7	-0.7	0.7	8210785	0.2	
21	789.5	1435	3	-2.4	-0.7	0.7	0.7	8375000	0.1	
21	789.2	1435	3.1	-1.8	-0.4	0.2	0.7	8580943	-0.1	
21	788.9	1434.9	3.5	-2.1	-0.6	1	0.8	8797269	-0.2	
21	788.6	1434.9	2.5	-2.4	-0.5	-0.8	0.7	9063853	-0.2	
21	788.3	1434.8	3.4	-1.7	-0.4	0.5	0.5	9389014	-0.3	
21	788	1434.7	2.8	-1.1	-0.3	-0.4	0.4	9693287	-0.2	
21	787.7	1434.4	3	-1.6	-0.4	0.3	0.1	9970238	0.1	
21	787.4	1434.3	2.1	-1.8	-0.5	-0.1	0	10263481	0.6	
21	787.1	1434.2	2.4	-1.5	-0.3	0	-0.2	10521357	0.7	
21	786.8	1433.9	2	-0.8	-0.5	-0.3	-0.5	10737180	0.9	
21	786.5	1433.8	2.8	0.1	-0.2	0.5	-0.8	10904948	1	
21	786.2	1433.9	3.1	-0.4	-0.1	1.1	-0.8	11136968	1.1	
21	785.9	1434	2.8	-0.4	0	0.6	-0.8	11379076	0.8	
21	785.6	1434.2	3.2	-0.6	-0.1	1	-0.6	11696928	0.5	
21	785.3	1434.4	3.1	0.4	0.1	-0.1	-0.4	12033046	0	
21	785	1434.5	3.6	0.3	0.1	0.5	-0.2	12102601	-0.3	
21	784.7	1434.5	3.2	-0.2	-0.1	-0.1	0.1	12102601	-0.4	
21	784.4	1434.7	3.3	-0.5	0.1	-0.1	0.4	11896307	-0.7	
21	784.1	1434.8	3.2	0.3	0	-0.8	0.7	11504121	-0.8	
21	783.8	1434.7	3.7	0.6	-0.3	-0.5	0.9	11078042	-0.6	
21	783.5	1434.8	2.6	-1	-0.5	-1.2	1.1	10521357	-0.3	
21	783.2	1435	2.7	-1	-0.6	-0.8	1.2	9922986	-0.1	
21	782.9	1435	3.5	-0.3	-0.7	0.3	1.2	9389014	0.1	
21	782.6	1434.9	3.6	1	-0.9	0	1.2	9024785	0.2	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
21	782.3	1434.7	3.4	-1	-0.9	0.1	1	8797269	0.4	
21	782	1434.5	3.4	-0.2	-0.8	0.1	0.8	8687760	0.5	
21	781.7	1434.4	3.6	-0.4	-0.9	0.8	0.7	8580943	0.4	
21	781.4	1434.4	4.2	1.4	-0.9	1.1	0.7	8511179	0.4	
21	781.1	1434.4	4.2	0.5	-0.8	1.3	0.6	8476721	0.4	
21	780.8	1434.5	3.7	0.4	-0.7	1	0.6	8476721	0.6	
21	780.5	1434.6	3.6	0.3	-0.5	0.6	0.5	8511179	0.7	
21	780.2	1434.6	4	0.3	-0.3	1.4	0.4	8580943	0.8	
21	779.9	1434.7	4.2	1.7	-0.1	1.5	0.4	8723959	0.9	
21	779.6	1434.4	4.2	0.3	-0.2	1.7	0.3	8947650	1	
21	779.3	1434.4	3.3	0.8	-0.1	0.8	0.2	9223568	1.1	
21	779	1434.4	3.3	-0.2	-0.1	0.7	0.1	9604358	1.1	
21	778.7	1434.3	4	2.1	0	1.3	0	10163835	1	
21	778.4	1434.2	3.8	0.6	-0.1	1	-0.2	10792526	0.8	
21	778.1	1434.1	3.9	1.5	-0.2	1	-0.2	11379076	0.7	
21	777.8	1434.1	3.3	0.5	-0.2	0.1	-0.2	11964286	0.6	
21	777.5	1434.1	3.9	1.4	-0.4	0.5	-0.2	12244152	0.4	
21	777.2	1434.1	3.6	1.5	-0.2	-0.3	-0.2	12389053	0.2	
21	776.9	1434.2	3.7	0.7	-0.2	0.4	-0.1	12102601	0.1	
21	776.6	1434.4	3.2	0.1	-0.2	-0.1	0	11379076	0.1	
21	776.3	1434.3	3.2	-0.3	-0.2	-0.3	-0.1	10416667	0.1	
21	776	1434.5	3.6	1.1	0	-0.5	-0.1	9473982	0	
21	775.7	1434.4	3.6	0.2	-0.1	0.2	-0.2	8580943	0	
21	775.4	1434.4	3.6	0.8	-0.1	0.3	-0.2	7812500	0	
21	775.1	1434.7	3.5	0.5	-0.1	-0.2	0	7195017	-0.1	
21	774.8	1434.7	4.1	2	-0.1	0.2	0.1	6710737	-0.1	
21	774.5	1434.6	3.6	1.2	-0.4	-0.2	0.2	6383384	0	
21	774.2	1434.8	3.5	1.5	-0.5	0.3	0.4	6176254	0.2	
21	773.9	1434.9	3.2	0.4	-0.6	-0.1	0.5	6086483	0.2	
21	773.6	1435	4.4	1.3	-0.8	0.8	0.7	6104228	0.2	
21	773.3	1435.3	2.9	0.1	-0.8	-0.6	1	6231399	0.4	
21	773	1435.4	3.4	0.2	-0.8	0.4	1.1	6462192	0.4	
21	772.7	1435.5	3.2	0.1	-0.8	0.1	1.1	6754032	0.4	
21	772.4	1435.4	4.1	0.5	-0.9	0.7	1	7121599	0.2	
21	772.1	1435.4	4	0.8	-0.7	0.5	1	7504480	0.1	
21	771.8	1435.4	3.7	0.4	-0.8	0.4	1	7871241	0	
21	771.5	1435.6	3.8	0.6	-0.4	0.5	1	8210785	-0.2	
21	771.2	1435.7	4	0.3	-0.1	0.2	0.9	8511179	-0.4	
21	770.9	1435.7	4.2	1.6	-0.1	0.8	0.8	8723959	-0.6	
21	770.6	1435.9	3.2	0.5	0.1	-0.2	0.7	8834388	-0.5	
21	770.3	1435.8	3.5	0	0	0.2	0.5	8834388	-0.2	
21	770	1435.8	3.1	-0.5	0.2	-0.5	0.3	8723959	0.2	
21	769.7	1435.6	3.7	0.3	0.2	0.4	0.1	8580943	0.6	
21	769.4	1435.5	3.2	-0.2	0	0.2	0	8408635	1	
21	769.1	1435.1	3	-0.6	-0.5	0.3	-0.2	8275692	1.6	
21	768.8	1434.9	2.4	-1.8	-0.7	0.1	-0.4	8146887	2.2	
21	768.5	1434.8	2.8	-1.4	-0.8	0.8	-0.5	8052885	2.7	
21	768.2	1434.8	2.5	-1.2	-1.1	1	-0.5	7961027	2.8	
21	767.9	1435	2.9	-0.7	-0.9	0.7	-0.5	7900944	2.4	
21	767.6	1435.2	3.6	-0.4	-0.8	1.7	-0.3	7841760	1.9	
21	767.3	1435.3	3.9	-0.3	-0.6	1	-0.2	7754630	1.4	
21	767	1435.7	4.4	0.2	-0.5	1.5	0.2	7613637	0.9	
21	766.7	1436.1	4.8	1.5	-0.2	1.1	0.6	7424646	0.3	
21	766.4	1436.3	5	1.7	-0.1	1.4	0.9	7219828	-0.3	
21	766.1	1436.6	5.1	1.1	0.1	1	1.2	6932947	-0.8	
21	765.8	1436.9	5.4	1.6	0.2	0.6	1.5	6646826	-1.2	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
21	765.5	1437	5.8	1.9	0.1	0.6	1.8	6363982	-1.2	
21	765.2	1436.9	4.5	1.2	-0.1	-1	1.9	6140030	-1.2	
21	764.9	1436.7	4.9	1	-0.3	-0.1	1.9	5965100	-0.8	
21	764.6	1436.5	4.3	0.7	-0.5	-1	1.7	5832173	-0.7	
21	764.3	1436.3	5	1.3	-0.7	-0.2	1.5	5752061	-0.4	
21	764	1436	4.2	1	-0.8	-0.7	1.2	5720629	-0.1	
21	763.7	1435.7	3.9	0.7	-1	-0.8	0.8	5720629	0	
21	763.4	1435.5	4.8	1.2	-1.1	0.1	0.4	5767907	0.1	
21	763.1	1435.2	5.2	1.6	-1.2	0	0	5864846	0.1	
21	762.8	1435	5	1.4	-1.3	0.9	-0.2	5999284	0.3	
21	762.5	1435	4.5	1	-1.1	0.2	-0.4	6194527	0.4	
21	762.2	1434.9	4.9	0.8	-1.1	1.4	-0.5	6422546	0.4	
21	761.9	1434.9	4.8	1.2	-1	0.3	-0.5	6689297	0.5	
21	761.6	1434.9	4.7	1.2	-0.9	1.2	-0.4	7002509	0.6	
21	761.3	1435.2	4.4	1.2	-0.5	0.5	-0.2	7398410	0.6	
21	761	1435.5	4.1	-0.3	-0.4	0.3	0	7841760	0.5	
21	760.7	1435.8	4.8	1.9	-0.2	0.4	0.3	8275692	0.5	
21	760.4	1436	4.4	1	0	0.1	0.5	8651860	0.4	
21	760.1	1436.2	4.4	1.2	0	0.3	0.7	8797269	0.4	
21	759.8	1436.5	3.6	-0.5	0.2	-0.8	0.8	8687760	0.3	
21	759.5	1436.5	5.1	1.1	0.2	0.5	0.8	8308532	0.2	
21	759.2	1436.4	4.1	0.4	0.2	-0.4	0.6	7871241	0.2	
21	758.9	1436.2	5.1	1.3	0	1	0.5	7346491	0.2	
21	758.6	1436.3	3.9	-0.1	0	-0.4	0.3	6820033	0.2	
21	758.3	1436.2	4.6	0.4	0	0.4	0.1	6325529	0.2	
21	758	1436.1	4.4	1.2	0	0.1	0	5914548	0.2	
21	757.7	1436.1	4.6	1.1	0	0.5	0	5598262	0.3	
21	757.4	1436.2	4.5	1.4	0	0.8	0.1	5368590	0.3	
21	757.1	1436.2	4.8	1.1	-0.1	0.5	0.3	5221322	0.3	
21	756.8	1436.2	4.8	1.6	-0.3	1.3	0.6	5169753	0.3	
21	756.5	1436.3	4.3	1.3	-0.4	0.1	0.8	5195410	0.3	
21	756.2	1436.5	5	2.6	-0.6	1.5	1.1	5300633	0.3	
21	755.9	1436.4	4	1.2	-0.9	-0.5	1.2	5452474	0.3	
21	755.6	1436.2	4.6	2.1	-1	0.5	1.2	5658784	0.2	
21	755.3	1435.9	4.4	1.5	-1.2	0.3	1	5931303	0.2	
21	755	1435.7	4.4	0.8	-1.4	0.5	1	6212908	0.2	
21	754.7	1435.6	4.1	0.2	-1.3	-0.8	0.9	6502329	0.2	
21	754.4	1435.5	3.5	-0.9	-0.9	-0.4	0.7	6754032	0.2	
21	754.1	1435.5	3.9	-0.9	-0.8	0	0.6	6955980	0.1	
21	753.8	1435.8	3.8	-1.2	-0.4	-0.3	0.5	7073480	-0.2	
21	753.5	1435.9	5	-0.1	-0.1	0.6	0.4	7073480	-0.4	
21	753.2	1435.9	4.2	-1.2	0	-0.7	0.4	6979167	-0.6	
21	752.9	1436	4	-1.8	0.4	-1.1	0.3	6797890	-0.7	
21	752.6	1436	3.8	-0.7	0.7	-1.5	0	6584120	-0.7	
21	752.3	1435.7	5.3	0.4	0.5	0.4	-0.2	6363982	-0.7	
21	752	1435.3	3.5	-0.8	0.2	-1.2	-0.3	6140030	-0.4	
21	751.7	1435.1	3.6	-1.4	0	-0.3	-0.4	5948154	0	
21	751.4	1434.9	2.8	-1.4	-0.3	-1.1	-0.6	5815972	0.3	
21	751.1	1434.8	4.1	0.2	-0.5	0.4	-0.7	5720629	0.6	
21	750.8	1434.7	4.1	-0.7	-0.6	0.9	-0.6	5705041	1.2	
21	750.5	1434.7	4.5	-0.7	-0.9	2.5	-0.4	5752061	1.5	
21	750.2	1434.9	4.8	-0.2	-1.3	2.7	0.1	5848464	1.7	
21	749.9	1435.2	4.3	-0.2	-1.4	1.7	0.6	5999284	1.7	
21	749.6	1435.3	5.1	0.2	-1.7	3.8	1.2	6176254	1.6	
21	749.3	1435.5	3.9	-0.9	-1.7	1.5	1.4	6363982	1.2	
21	749	1435.8	4.6	-0.1	-1.7	2.3	1.7	6563480	0.7	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
21	748.7	1436	3.6	-0.8	-1.5	0.3	1.8	6754032	0.2	
21	748.4	1436	4.6	0.5	-1.6	0.7	1.9	6887336	-0.2	
21	748.1	1436.1	3	-1.8	-1.5	-1.4	1.8	6955980	-0.6	
21	747.8	1436.3	3.8	-0.6	-1	-1.1	1.5	6955980	-1	
21	747.5	1436.4	3.3	-1.1	-0.9	-1.4	1.3	6932947	-1	
21	747.2	1436.4	2.3	-1.3	-0.4	-3	0.9	6932947	-1	
21	746.9	1436.6	3.7	-1.4	0	-1.1	0.6	6955980	-1.1	
21	746.6	1436.7	3.2	-0.9	0.3	-1.7	0.4	7002509	-0.9	
21	746.3	1436.7	3	-2.1	0.5	-1.4	0.1	7073480	-0.7	
21	746	1436.8	3.3	-0.6	0.6	-1.4	0.1	7195017	-0.2	
21	745.7	1436.8	3.1	-1.5	0.7	-0.3	0.1	7320804	0.2	
21	745.4	1436.8	3.1	-1.3	0.7	0.2	0.1	7451068	0.6	
21	745.1	1436.8	3.1	-1.5	0.5	0.2	0.3	7504480	0.7	
21	744.8	1436.5	3.5	-1	0.1	1.3	0.4	7558664	0.9	
21	744.5	1436.4	3.6	-1.2	-0.1	0.6	0.5	7586051	1	
21	744.2	1436.3	3.4	-1.4	-0.2	0.6	0.6	7558664	0.9	
21	743.9	1436.3	3.9	-0.4	-0.2	1.3	0.7	7531475	0.9	
21	743.6	1436.3	4.5	-0.5	-0.4	1.5	0.8	7504480	0.8	
21	743.3	1436	4.2	0.2	-0.6	1.3	0.8	7558664	0.9	
21	743	1435.8	3.1	-1.5	-0.8	0.3	0.8	7697610	1	
21	742.7	1435.7	4	-0.4	-0.9	1.5	0.8	7900944	0.9	
21	742.4	1435.5	3.9	-0.5	-0.8	0.7	0.7	8115310	0.7	
21	742.1	1435.3	4.3	0.2	-0.9	0.9	0.7	8341634	0.6	
21	741.8	1435	4.2	0.7	-1.1	0.9	0.6	8545919	0.4	
21	741.5	1434.9	4.1	0.2	-0.9	0.5	0.4	8687760	0.2	
21	741.2	1435	4.2	0.4	-0.7	0.1	0.4	8687760	0	
21	740.9	1434.9	4.5	-0.5	-0.5	0.4	0.1	8616255	-0.2	
21	740.6	1434.8	4.6	0.4	-0.4	0.6	0	8476721	-0.3	
21	740.3	1434.8	3.8	-0.2	-0.3	-0.8	-0.1	8308532	-0.5	
21	740	1434.7	4.4	0.6	-0.2	0.2	-0.2	8210785	-0.6	
21	739.7	1434.7	4.4	-0.9	-0.1	-0.4	-0.2	8146887	-0.7	
21	739.4	1434.7	4	0.5	-0.1	-0.6	-0.2	8210785	-0.7	
21	739.1	1434.4	3.7	0.1	-0.2	-0.8	-0.4	8275692	-0.6	
21	738.8	1434.4	3.8	1	-0.3	-0.3	-0.4	8442541	-0.6	
21	738.5	1434.5	3.7	-0.4	-0.2	-0.8	-0.3	8616255	-0.6	
21	738.2	1434.6	4.3	0.2	-0.2	-0.5	-0.2	8834388	-0.6	
21	737.9	1434.7	4.1	-0.4	-0.2	0.1	0	9024785	-0.5	
21	737.6	1434.8	3.4	-1.4	-0.3	-1.2	0.1	9143013	-0.6	
21	737.3	1434.8	3.9	-0.4	-0.3	-0.3	0.1	9264381	-0.6	
21	737	1435	3.6	-1.5	-0.3	-0.7	0.2	9223568	-0.6	
21	736.7	1435.1	3.7	-0.2	-0.4	-0.1	0.4	9143013	-0.6	
21	736.4	1435.1	2.9	-1.7	-0.5	-0.9	0.5	9024785	-0.6	
21	736.1	1435.2	3.3	-0.3	-0.5	-0.5	0.6	8834388	-0.7	
21	735.8	1435.2	3.7	-0.9	-0.5	-0.5	0.7	8651860	-0.8	
21	735.5	1435.1	3.3	0.3	-0.6	-0.9	0.7	8511179	-0.9	
21	735.2	1435.2	3.7	-0.1	-0.5	-0.2	0.8	8408635	-1.1	
21	734.9	1435.4	2.9	-0.4	-0.2	-1.3	0.8	8442541	-1.2	
21	734.6	1435.6	3.4	1.1	0	-0.8	0.8	8545919	-1.2	
21	734.3	1435.7	2.8	-0.9	0.1	-1.7	0.8	8687760	-1	
21	734	1435.7	2.6	-0.6	0.1	-1.1	0.7	8909575	-0.3	
21	733.7	1435.8	2.5	-0.5	0.2	-1	0.6	9264381	0.2	
21	733.4	1435.5	2.6	-0.7	0.3	-0.5	0.2	9693287	0.7	
21	733.1	1435.3	2.5	-0.6	0.3	-0.2	-0.1	10163835	1.1	
21	732.8	1435	2.3	-0.8	0	-0.1	-0.4	10682398	1.8	
21	732.5	1434.8	2.1	-1	0	0.6	-0.7	11256721	2.2	
21	732.2	1434.6	2.5	-1	-0.1	0.9	-0.9	11829096	2.2	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
21	731.9	1434.6	3.4	-0.2	-0.3	1.9	-0.9	12462798	1.9	
21	731.6	1434.7	3.9	0.5	-0.1	1.9	-0.8	13085938	1.4	
21	731.3	1434.7	4.1	0.2	-0.2	1.7	-0.6	13595779	1.1	
21	731	1434.8	4	-0.5	0	0.8	-0.5	14052014	0.4	
21	730.7	1435.2	4.4	0.2	0.3	1.3	-0.2	14146960	0	
21	730.4	1435.5	4.8	1.7	0.4	0.8	0.1	14052014	-0.5	
21	730.1	1435.6	4.5	0.5	0.4	0.3	0.4	13774671	-0.7	
21	729.8	1435.7	4.2	0.3	0.3	-0.2	0.8	13251582	-0.8	
21	729.5	1435.8	4	-0.3	0.2	-0.8	1	12537425	-0.9	
21	729.2	1435.6	4.2	0	-0.2	-0.7	1.2	11696928	-0.9	
21	728.9	1435.3	4.5	0.4	-0.5	-0.8	1.2	10848446	-0.9	
21	728.6	1435.1	4.6	0.4	-0.8	-0.4	1.3	10114734	-0.7	
21	728.3	1435	3.8	-0.7	-1.1	-1.2	1.3	9517046	-0.6	
21	728	1435	4.8	0.2	-1.3	-0.2	1.3	9063853	-0.6	
21	727.7	1434.9	5	1.2	-1.3	-0.2	1.2	8797269	-0.6	
21	727.4	1434.7	4.6	0.2	-1.2	-0.3	1	8687760	-0.5	
21	727.1	1434.7	4.5	0.1	-1.2	-0.3	1	8651860	-0.5	
21	726.8	1434.5	4.2	0.2	-1	-0.6	0.8	8760460	-0.4	
21	726.5	1434.5	4.7	1	-0.7	-0.4	0.7	8986052	-0.4	
21	726.2	1434.3	4.7	0.9	-0.4	-0.4	0.6	9264381	-0.4	
21	725.9	1434.4	4.4	0.7	-0.2	0	0.6	9604358	-0.2	
21	725.6	1434.5	4.1	-0.2	0	-0.9	0.5	9922986	-0.2	
21	725.3	1434.4	4.7	0.6	-0.1	-0.4	0.4	10163835	-0.1	
21	725	1434.2	4.6	1.2	0	-0.3	0.2	10314040	0	
21	724.7	1434.1	4.7	0.8	-0.1	-0.1	0.1	10365099	0.2	
21	724.4	1433.9	4.7	1.1	-0.2	0.3	0.1	10263481	0.4	
21	724.1	1433.7	4.9	1.2	-0.3	0.3	0	10066106	0.4	
21	723.8	1433.2	4.8	1.9	-0.5	0.2	-0.2	9783879	0.5	
21	723.5	1433	4.7	1.4	-0.8	0.3	-0.2	9473982	0.5	
21	723.2	1433	4.9	1.2	-0.8	0.6	-0.2	9063853	0.4	
21	722.9	1433.2	5.1	1.8	-0.6	0.5	-0.2	8580943	0.2	
21	722.6	1433.3	5.3	1.6	-0.5	0.8	-0.2	8083977	0	
21	722.3	1433.5	5.5	2.6	-0.4	0.5	-0.2	7558664	-0.2	
21	722	1433.4	5.5	2.1	-0.5	0.5	-0.2	7026007	-0.2	
21	721.7	1433.5	5.3	2.5	-0.4	0.2	-0.2	6542969	-0.2	
21	721.4	1433.5	5.6	3	-0.2	0.5	-0.2	6140030	-0.3	
21	721.1	1433.5	5.5	3	-0.3	0.5	-0.1	5815972	-0.2	
21	720.8	1433.5	5.4	2.8	-0.4	0.2	0	5539021	-0.2	
21	720.5	1433.6	4.9	2.4	-0.6	-0.1	0.1	5341199	0.1	
21	720.2	1433.8	4.4	2.1	-0.6	-0.5	0.2	5195410	0.2	
21	719.9	1434.1	5	2.9	-0.7	0	0.4	5094283	0.3	
21	719.6	1434.4	5	2.5	-0.9	0.1	0.7	5069613	0.3	
21	719.3	1434.5	5	1.6	-1	0.2	1	5106708	0.3	
21	719	1434.5	4.7	0.8	-1.1	0	1	5208334	0.4	
21	718.7	1434.7	4.8	0.7	-1	0.3	1	5368590	0.3	
21	718.4	1434.8	5.1	1.1	-0.9	0.5	1	5583334	0.2	
21	718.1	1435	5.1	0.7	-0.7	0.7	0.9	5864846	0.2	
21	717.8	1435.1	4.9	0.1	-0.7	1	0.7	6231399	0.1	
21	717.5	1435.3	5.1	0.6	-0.3	1	0.4	6667994	0	
21	717.2	1435.7	4.9	0.7	0.2	0.7	0.2	7121599	-0.1	
21	716.9	1435.6	4.9	0.9	0.2	0.3	-0.1	7641424	-0.2	
21	716.6	1435.8	4.7	0.5	0.6	0.2	-0.2	8115310	-0.2	
21	716.3	1435.9	4.1	-0.4	0.7	-0.4	-0.2	8511179	-0.2	
21	716	1435.9	4.3	-0.3	0.8	-0.4	-0.2	8760460	-0.2	
21	715.7	1436.1	4.3	0.5	0.8	-0.5	0	8947650	-0.2	
21	715.4	1436.3	3.7	-1.1	0.8	-0.8	0.2	9024785	0.1	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
21	715.1	1436.4	3.2	-1.8	0.6	-1	0.5	9024785	0.6	
21	714.8	1436.3	3.2	-1.4	0.1	-0.5	0.7	8909575	1	
21	714.5	1436.4	3.9	-0.6	0	0.3	1	8760460	1.4	
21	714.2	1436.2	3.8	-0.4	-0.5	0.5	1.2	8651860	1.5	
21	713.9	1436.1	3.8	-0.9	-0.7	0.6	1.3	8580943	1.5	
21	713.6	1435.8	3.9	-0.8	-0.8	0.4	1.3	8476721	1.4	
21	713.3	1435.6	4.1	-0.3	-0.8	0.5	1.2	8408635	1.2	
21	713	1435.5	4.4	0.3	-1	0.8	1.2	8341634	0.9	
21	712.7	1435.2	4.6	-0.1	-1.2	1.2	1.1	8243110	0.7	
21	712.4	1435.2	4.5	-0.1	-1.2	0.4	1.1	8115310	0.4	
21	712.1	1435.2	5.2	0.5	-1.3	0.9	1.2	7930871	0.1	
21	711.8	1435.2	4.9	0.2	-1.3	0.3	1.3	7669414	-0.1	
21	711.5	1435	5.3	0.4	-1.4	0.5	1.3	7346491	-0.2	
21	711.2	1434.7	5.5	0.7	-1.5	0.9	1.3	7002509	-0.2	
21	710.9	1434.4	5.2	0.5	-1.7	0.7	1.3	6689297	-0.1	
21	710.6	1434.3	5.3	0.4	-1.6	0.9	1.2	6383384	0	
21	710.3	1434.3	5.1	0	-1.4	0.6	1.2	6086483	0	
21	710	1434.3	5.7	0.4	-1.4	1.6	1.2	5832173	0	
21	709.7	1434.2	5	-0.5	-1.2	0	1	5628360	0.1	
21	709.4	1434.2	5.2	-0.3	-1	0.9	0.7	5495407	0.1	
21	709.1	1434.1	5.5	0.2	-0.7	0.9	0.4	5438312	0.2	
21	708.8	1434	4.9	-0.7	-0.2	0.3	0	5438312	0.4	
21	708.5	1434	4.8	-0.7	0	0.4	-0.2	5466710	0.5	
21	708.2	1433.9	4.4	-1	0.2	0.2	-0.5	5553714	0.7	
21	707.9	1433.7	4.5	-0.4	0.3	0.5	-0.8	5674120	0.8	
21	707.6	1433.8	3.8	-0.6	0.5	-0.5	-1	5815972	0.8	
21	707.3	1433.7	5	0	0.3	1.1	-1	5982143	0.9	
21	707	1433.8	3.9	-1.1	0.4	0	-1	6158088	1	
21	706.7	1433.8	4.4	-0.6	0.3	0.5	-0.8	6306476	0.9	
21	706.4	1433.8	4.5	-0.2	0.2	0.5	-0.5	6442308	0.8	
21	706.1	1434	4.6	-0.2	0	0.5	-0.1	6584120	0.7	
21	705.8	1434.1	4.5	-0.6	0	0.5	0.1	6710737	0.7	
21	705.5	1434.2	4.5	-0.6	0	0.6	0.3	6820033	0.7	
21	705.2	1434.4	4.6	-0.3	0	0.9	0.4	6932947	0.7	
21	704.9	1434.5	4.7	-0.4	0.1	0.3	0.5	7073480	0.6	
21	704.6	1434.5	4.7	-0.2	0	0.5	0.5	7219828	0.6	
21	704.3	1434.5	4.2	-0.7	0	0	0.4	7372359	0.6	
21	704	1434.3	4.8	0.1	0	0.6	0.2	7504480	0.6	
21	703.7	1434.2	4.8	0.7	-0.3	0.4	0.1	7586051	0.5	
21	703.4	1434	5.1	0.8	-0.4	0.5	0	7641424	0.4	
21	703.1	1434	4.7	0.4	-0.5	0.1	0	7613637	0.4	
21	702.8	1434.1	5	1.3	-0.6	0.6	0.1	7586051	0.3	
21	702.5	1434.1	5.1	1.9	-0.7	0.6	0.2	7504480	0.2	
21	702.2	1434.1	5.7	2.5	-1	1.1	0.4	7451068	0.1	
21	701.9	1434.4	5.3	1.4	-1	0.3	0.7	7424646	0	
21	701.6	1434.5	5.1	1.3	-1.1	0.2	1	7451068	0	
21	701.3	1434.7	5.3	1.5	-0.9	0.4	1.2	7531475	0	
21	701	1434.7	5.5	1.6	-0.8	-0.2	1.3	7641424	-0.2	
21	700.7	1434.7	5.6	1.5	-1	0.8	1.5	7812500	-0.3	
21	700.4	1434.8	4.8	0.4	-1	0	1.7	7991412	-0.2	
21	700.1	1434.8	4.8	0.2	-1	0	1.7	8210785	-0.2	
21	699.8	1434.9	4.8	0.3	-0.9	-0.6	1.7	8442541	-0.4	
21	699.5	1434.9	5.9	0.7	-0.9	0.7	1.6	8580943	-0.6	
21	699.2	1434.9	5	0.1	-0.8	-0.1	1.4	8651860	-0.7	
21	698.9	1434.7	5	-0.3	-0.7	-0.2	1	8651860	-0.9	
21	698.6	1434.5	5.9	0.4	-0.7	0.3	0.8	8511179	-0.9	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
21	698.3	1434.4	4.3	-0.9	-0.6	-1.6	0.4	8375000	-0.7	
21	698	1434.2	4.3	-1	-0.6	-0.7	0.1	8178711	-0.1	
21	697.7	1434.2	4.1	-1	-0.3	-0.3	-0.2	7900944	0.4	
21	697.4	1434.1	4.3	-1.4	-0.1	0.4	-0.6	7586051	0.8	
21	697.1	1434	4	-1	0	-0.1	-0.8	7295296	1.3	
21	696.8	1434	3.8	-1.4	0.1	0.3	-0.9	7026007	1.7	
21	696.5	1434	3.4	-2.1	0.2	0.4	-0.9	6820033	2.1	
21	696.2	1434.1	3.9	-1	0.4	0.6	-0.9	6667994	2.1	
21	695.9	1434.4	4.8	0	0.6	2	-0.8	6584120	1.7	
21	695.6	1434.7	5	0.6	0.8	1.6	-0.5	6542969	1.3	
21	695.3	1434.6	4.8	0.3	0.5	1	-0.3	6522586	0.9	
21	695	1434.7	4.6	0.8	0.5	0.7	-0.1	6522586	0.7	
21	694.7	1434.8	5	0	0.4	1	0.1	6542969	0.3	
21	694.4	1434.8	5.4	1.5	0.1	0.8	0.4	6522586	-0.1	
21	694.1	1434.8	5.2	0.8	-0.3	0.5	0.7	6462192	-0.5	
21	693.8	1434.7	4.9	0.4	-0.7	0.1	1	6344697	-0.6	
21	693.5	1434.7	4.7	0.1	-0.9	-0.8	1.1	6176254	-0.7	
21	693.2	1434.7	5.1	0.6	-1.1	-0.2	1.3	5948154	-0.7	
21	692.9	1434.5	5.3	0.8	-1.3	0.2	1.3	5705041	-0.4	
21	692.6	1434.5	4.9	0.3	-1.4	0.1	1.4	5466710	-0.2	
21	692.3	1434.5	4.6	-0.1	-1.3	-0.1	1.3	5260679	0	
21	692	1434.6	5.3	0.6	-1.4	0.6	1.3	5094283	0	
21	691.7	1434.7	5	0.8	-1.2	0.4	1.2	4973278	0.1	
21	691.4	1434.7	4.5	-0.3	-1	0.1	1	4914906	0.1	
21	691.1	1434.6	4.8	0	-1.1	0.4	0.9	4914906	0.1	
21	690.8	1434.4	4.2	-0.9	-1.1	0	0.7	4985119	0.1	
21	690.5	1434.3	4.5	-0.2	-0.9	0	0.6	5144349	0.1	
21	690.2	1434.2	4.6	-0.4	-0.9	0.3	0.5	5410207	0	
21	689.9	1434.3	4.5	-0.6	-0.8	0.6	0.5	5783840	0.1	
21	689.6	1434.6	4	-1.7	-0.6	-0.3	0.6	6287538	0.1	
21	689.3	1434.7	4.3	-1	-0.5	0.4	0.5	6932947	0.1	
21	689	1434.7	4.2	-0.9	-0.5	0.1	0.4	7697610	0.1	
21	688.7	1434.8	4.4	-0.9	-0.4	0.1	0.4	8545919	0.2	
21	688.4	1434.8	3.5	-2	-0.2	-0.5	0.2	9431306	0.3	
21	688.1	1434.8	3.9	-1.7	-0.1	0.1	0.1	10163835	0.4	
21	687.8	1434.7	3.7	-1.1	-0.2	-0.4	0.1	10628173	0.5	
21	687.5	1434.7	3.5	-1.3	-0.1	-0.2	0.1	10682398	0.6	
21	687.2	1434.7	3.6	-1.2	-0.2	0.3	0.1	10263481	0.7	
21	686.9	1434.8	3.1	-2.8	-0.2	-0.2	0.1	9560502	0.7	
21	686.6	1434.9	3.9	-1.1	-0.2	0.6	0.1	8723959	0.7	
21	686.3	1435.1	4.3	-0.7	-0.1	0.5	0.2	7930871	0.6	
21	686	1435.2	4.5	-1.4	-0.2	1	0.3	7244810	0.6	
21	685.7	1435.4	4	-0.3	-0.1	0.2	0.3	6710737	0.6	
21	685.4	1435.4	4.7	0.4	-0.2	0.9	0.4	6325529	0.6	
21	685.1	1435.2	4.2	0.1	-0.4	0.5	0.4	6033862	0.7	
21	684.8	1435.1	4.1	-0.2	-0.5	0.6	0.4	5848464	0.8	
21	684.5	1435.1	3.8	-0.2	-0.7	0.4	0.6	5720629	0.8	
21	684.2	1435.2	3.9	0.1	-0.7	0.3	0.7	5674120	0.7	
21	683.9	1435.2	4.4	1	-0.9	0.8	0.8	5689538	0.6	
21	683.6	1435.4	4.8	0.9	-0.9	0.3	1	5783840	0.5	
21	683.3	1435.6	5	0.2	-0.9	0.7	1.3	5914548	0.3	
21	683	1435.7	5.1	0.1	-1	0.1	1.5	6104228	0.2	
21	682.7	1435.8	5.3	0.5	-0.9	0.9	1.7	6325529	0	
21	682.4	1435.7	5	0.4	-0.9	-0.4	1.7	6584120	-0.2	
21	682.1	1435.6	5.3	0.3	-0.8	0.3	1.7	6887336	-0.4	
21	681.8	1435.5	4.8	-0.6	-0.9	-0.3	1.7	7244810	-0.4	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
21	681.5	1435.5	4.2	-1	-0.6	-1.1	1.5	7586051	-0.6	
21	681.2	1435.4	5.4	0.5	-0.5	-0.2	1.2	7871241	-0.8	
21	680.9	1435.1	5.2	0.5	-0.4	-0.9	0.7	8115310	-1	
21	680.6	1435	5.7	0.6	-0.2	-0.4	0.2	8275692	-1.1	
21	680.3	1434.9	4.7	-0.6	0.1	-1.7	-0.3	8341634	-1.1	
21	680	1434.7	6.4	1.5	0.3	0.5	-0.8	8308532	-1.1	
21	679.7	1434.4	5.4	0.8	0.2	-0.8	-1.2	8243110	-0.8	
21	679.4	1434.2	5.5	0.2	0.2	0	-1.5	8146887	-0.5	
21	679.1	1434.1	5	0	0.1	0.1	-1.6	7991412	0	
21	678.8	1434	4.9	0.4	0.1	-0.2	-1.7	7783457	0.3	
21	678.5	1434	5.3	0.5	-0.1	1.2	-1.5	7531475	0.6	
21	678.2	1434.3	5	0.8	-0.1	0.2	-1.2	7244810	0.8	
21	677.9	1434.4	5.3	0.8	-0.4	1.2	-0.8	6932947	0.9	
21	677.6	1434.8	4.7	0.1	-0.4	-0.4	-0.3	6667994	0.8	
21	677.3	1435.1	5.6	1.1	-0.2	0.7	0.2	6422546	0.3	
21	677	1435.5	5.3	1.3	-0.2	-0.2	0.7	6212908	0	
21	676.7	1435.6	5.6	1.3	-0.4	0.4	1.2	6051301	-0.3	
21	676.4	1435.8	5.3	1.1	-0.5	-0.2	1.5	5914548	-0.3	
21	676.1	1436.1	4.3	-0.1	-0.3	-1.3	1.6	5832173	-0.4	
21	675.8	1436.3	5.5	2	-0.2	0	1.5	5783840	-0.6	
21	675.5	1436.3	5.4	1.5	-0.1	-0.6	1.4	5783840	-0.7	
21	675.2	1436.2	5.5	1.8	-0.3	-0.1	1.3	5815972	-0.6	
21	674.9	1435.9	5	1.5	-0.4	-0.9	1	5864846	-0.4	
21	674.6	1435.8	5.4	1.8	-0.5	0.1	0.9	5897888	-0.3	
21	674.3	1435.6	4.8	1.7	-0.4	-0.8	0.7	5931303	-0.2	
21	674	1435.5	5.5	1.6	-0.6	0.1	0.6	5982143	-0.2	
21	673.7	1435.5	5.1	0.8	-0.4	0.7	0.4	6016523	0	
21	673.4	1435.7	4.7	0.2	-0.2	-0.3	0.3	6086483	0	
21	673.1	1435.7	5.3	1.3	-0.1	0.4	0.2	6212908	0	
21	672.8	1435.6	5.4	0.7	-0.2	0	0.1	6402905	-0.1	
21	672.5	1435.5	5.4	1.2	-0.1	0.2	0.1	6667994	-0.1	
21	672.2	1435.3	4.7	0.6	-0.1	-0.6	-0.1	6979167	-0.1	
21	671.9	1435.1	5.3	1.5	-0.2	0.4	-0.2	7372359	-0.1	
21	671.6	1435.1	5.1	1.2	-0.3	-0.1	-0.1	7841760	0	
21	671.3	1434.9	4.6	0.2	-0.6	-0.4	0	8375000	0.1	
21	671	1434.9	4.6	-0.2	-0.9	0.1	0.1	8871822	0.2	
21	670.7	1435	4.5	-0.5	-1.1	-0.1	0.2	9223568	0.2	
21	670.4	1435.2	5.2	0.1	-1	0.1	0.4	9389014	0.1	
21	670.1	1435.2	5.2	-0.1	-1.1	0.5	0.6	9389014	0.1	
21	669.8	1435.1	5	0	-1.1	0.1	0.7	9143013	0.2	
21	669.5	1435.3	4.9	-0.4	-0.9	0.1	0.9	8723959	0.2	
21	669.2	1435.4	4.9	0.1	-0.7	0.2	1	8243110	0.1	
21	668.9	1435.5	5.1	0.9	-0.5	0.3	1.1	7783457	0	
21	668.6	1435.7	4.6	-0.8	-0.4	-0.1	1.3	7346491	0	
21	668.3	1436	4.3	-0.9	-0.2	-0.3	1.3	7002509	-0.1	
21	668	1436	5.1	-0.6	-0.3	0.4	1.4	6732315	-0.1	
21	667.7	1435.9	4.3	-0.4	-0.3	-1.1	1.3	6542969	-0.2	
21	667.4	1435.7	5.4	-1	-0.4	0.2	1.3	6442308	-0.3	
21	667.1	1435.5	4.8	-0.6	-0.6	-0.4	1.2	6442308	-0.2	
21	666.8	1435.1	4.4	-1.1	-0.8	-0.8	1	6502329	-0.2	
21	666.5	1435	5.1	0.1	-0.9	-0.1	0.9	6646826	-0.2	
21	666.2	1434.8	4.8	-0.1	-1.1	-0.2	0.7	6820033	-0.2	
21	665.9	1434.9	4.6	-0.7	-1.2	-0.2	0.6	7026007	0	
21	665.6	1434.7	4.1	-0.9	-1	-1	0.3	7219828	0.1	
21	665.3	1434.6	5.2	-0.1	-0.9	1	0.2	7372359	0.1	
21	665	1434.5	4.9	0.2	-0.7	0.1	0.1	7504480	0.2	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
21	664.7	1434.5	5.1	-0.5	-0.7	0.9	0.2	7558664	0.2	
21	664.4	1434.5	5.1	-0.2	-0.5	1.1	0.4	7558664	0.2	
21	664.1	1434.5	4.9	-0.7	-0.4	1	0.4	7531475	0.2	
21	663.8	1434.7	5	-0.3	-0.3	0.8	0.6	7504480	0	
21	663.5	1434.9	5.4	1.1	-0.3	1.4	0.6	7424646	-0.2	
21	663.2	1434.8	5.4	-0.1	-0.3	1.6	0.6	7295296	-0.3	
21	662.9	1434.7	4.4	-1	-0.4	0.2	0.5	7170377	-0.4	
21	662.6	1434.5	4.7	-0.8	-0.5	0.9	0.4	7026007	-0.4	
21	662.3	1434.4	4	-1	-0.7	-0.3	0.3	6932947	-0.4	
21	662	1434.1	4.1	-1.3	-0.9	-0.1	0.1	6820033	-0.2	
21	661.7	1434.1	3.2	-1.6	-0.8	-0.6	0	6710737	0.1	
21	661.4	1434.1	3.5	-2	-0.7	-0.2	-0.2	6667994	0.4	
21	661.1	1434.2	3	-2.1	-0.5	-1.3	-0.2	6646826	0.6	
21	660.8	1434.4	3	-1.7	-0.2	-0.9	-0.2	6646826	0.9	
21	660.5	1434.6	2.4	-2.9	0.1	-0.6	-0.2	6667994	1.4	
21	660.2	1434.7	1.9	-3.5	0.5	-1.2	-0.3	6732315	1.7	
21	659.9	1435	2.7	-2.7	0.7	0.1	-0.2	6842320	1.6	
21	659.6	1435.3	2.9	-1.8	1.1	-0.2	-0.1	6979167	1.2	
21	659.3	1435.3	2.9	-2.4	0.9	-0.4	-0.1	7170377	0.9	
21	659	1435.2	3.2	-1.9	0.8	-0.7	-0.1	7320804	0.6	
21	658.7	1435	4.4	-0.2	0.4	0.5	-0.1	7504480	0.2	
21	658.4	1434.7	4.1	-0.5	-0.1	-0.3	-0.1	7812500	0	
21	658.1	1434.7	4.5	0	-0.3	0.3	0	8178711	-0.3	
21	657.8	1434.5	4.9	-0.3	-0.7	0.6	0.1	8616255	-0.6	
21	657.5	1434.6	4.5	-0.7	-0.9	0	0.2	9063853	-0.7	
21	657.2	1434.6	4.6	-0.4	-1.1	-0.1	0.2	9473982	-0.8	
21	656.9	1434.8	5.2	0.3	-1.1	0.5	0.4	9829812	-0.8	
21	656.6	1434.9	5.4	0.5	-1.1	0.5	0.5	9970238	-0.8	
21	656.3	1435.2	5.3	0.2	-0.7	-0.3	0.7	9970238	-0.7	
21	656	1435.4	5.8	1.2	-0.3	0.5	0.7	9738372	-0.5	
21	655.7	1435.5	5.5	1.2	-0.2	0.4	0.7	9389014	-0.2	
21	655.4	1435.6	5.5	0.4	0	0.7	0.8	8834388	0	
21	655.1	1435.6	4.9	0.6	-0.2	0.1	0.8	8275692	0.4	
21	654.8	1435.7	5	-0.4	-0.1	0.7	0.8	7726015	0.5	
21	654.5	1435.8	4.8	0	-0.2	-0.3	0.9	7320804	0.5	
21	654.2	1435.7	5	0.6	-0.3	0.1	0.8	7002509	0.5	
21	653.9	1435.5	5.4	0.3	-0.7	0.5	0.7	6710737	0.5	
21	653.6	1435.2	5.5	0.7	-1.1	0	0.7	6502329	0.5	
21	653.3	1435.2	5.3	0.7	-1.4	0.3	0.8	6363982	0.6	
21	653	1435.1	4.8	0.7	-1.3	-0.4	0.7	6250000	0.5	
21	652.7	1435.3	5.9	0.7	-1	1.5	0.7	6158088	0.4	
21	652.4	1435.4	5	0.1	-0.6	-0.2	0.5	6051301	0.3	
21	652.1	1435.5	6.1	1	-0.4	1.3	0.4	5982143	0.2	
21	651.8	1435.6	5.4	0.3	0	0	0.3	5897888	0.1	
21	651.5	1435.7	5.4	0.5	0.5	0.5	0.1	5799862	-0.1	
21	651.2	1435.9	6.2	1.2	0.8	0.8	0.1	5705041	-0.2	
21	650.9	1436.1	5.7	0.3	1	0.8	0.1	5643531	-0.4	
21	650.6	1435.8	5.9	0.5	0.7	0.9	0.1	5598262	-0.4	
21	650.3	1435.6	4.8	0.4	0.4	-0.9	0.1	5568484	-0.5	
21	650	1435.3	6	1.3	0.1	0.8	0.1	5539021	-0.5	
21	649.7	1435.2	5.2	1.2	-0.1	-0.7	0.1	5509869	-0.6	
21	649.4	1434.8	6.1	2	-0.7	0.7	0.1	5481021	-0.4	
21	649.1	1434.8	4.3	1.1	-1.2	-0.8	0.4	5438312	0	
21	648.8	1434.8	4.9	1.4	-1.4	0.4	0.4	5368590	0.4	
21	648.5	1434.7	3.7	0.7	-1.7	-0.5	0.2	5260679	0.8	
21	648.2	1434.8	4.4	1.4	-1.5	0.5	0.1	5119193	0.9	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
21	647.9	1434.8	4.5	2.1	-1.4	1	0.1	4961493	0.9	
21	647.6	1434.8	4.5	2.6	-1.3	0.9	0.1	4802179	0.8	
21	647.3	1435	4.5	1.8	-1.2	1.2	0.3	4642462	0.8	
21	647	1435.2	4.7	1.8	-0.6	0.6	0.4	4493026	0.4	
21	646.7	1435.5	4.9	2	-0.5	1.3	0.7	4371086	0.2	
21	646.4	1435.8	3.6	0.4	-0.2	-0.4	0.9	4290472	0	
21	646.1	1436.3	4.4	0	0.1	0.6	1.2	4238361	-0.4	
21	645.8	1436.6	3.8	-0.3	0.4	-1	1.4	4212777	-0.6	
21	645.5	1436.6	4	-0.5	0.2	-1.1	1.7	4212777	-0.9	
21	645.2	1436.6	2.9	-2	0.3	-3	1.8	4246958	-1.1	
21	644.9	1436.5	3	-1.5	0.1	-2.9	1.9	4317011	-1.2	
21	644.6	1436.1	3	-1.6	-0.2	-3	1.7	4417194	-1.5	
21	644.3	1435.8	3.3	-1.9	-0.8	-3	1.7	4561547	-1.7	
21	644	1435.5	3.2	-2.2	-1.5	-2	1.7	4715653	-1.7	
21	643.7	1435.3	3.2	-2.1	-2	-2.3	1.6	4880536	-1.7	
21	643.4	1434.8	4.1	-1.7	-2.5	-0.4	1.3	5045181	-1.6	
21	643.1	1434.6	4	-1.5	-2.7	-1	1.2	5208334	-1.5	
21	642.8	1434.1	5.2	-0.3	-3.1	1.1	1	5341199	-1.2	
21	642.5	1433.9	4.9	0	-3.2	-0.1	1	5466710	-0.9	
21	642.2	1433.9	4.3	-0.7	-2.5	0.1	0.7	5539021	-0.7	
21	641.9	1434.3	4.3	-0.5	-1.8	0	0.6	5553714	-0.4	
21	641.6	1434.9	3.3	-1.7	-1	-0.6	0.6	5495407	0	
21	641.3	1435.1	3.3	-2.1	-0.4	-0.5	0.4	5368590	0.3	
21	641	1435.4	2.1	-3.4	0.4	-2.1	0.2	5221322	0.4	
21	640.7	1435.6	3.1	-2.2	0.7	-1.4	0.1	5069613	0.4	
21	640.4	1435.8	3	-1.8	1.2	-2.1	0	4914906	0.3	
21	640.1	1435.6	5.1	-0.8	1.1	0.1	-0.1	4747733	0	
21	639.8	1435.4	4	-1	0.8	-0.8	0	4571507	0	
21	639.5	1435.2	4.5	-1.6	0.4	0.1	0.1	4398635	-0.1	
21	639.2	1435	4.6	-0.8	-0.2	0.6	0.2	4255590	-0.2	
21	638.9	1434.8	5	-0.4	-0.6	0.8	0.4	4179142	-0.4	
21	638.6	1434.7	5.2	-1	-1	1.6	0.7	4129685	-0.5	
21	638.3	1435	5.9	0.2	-1	1.9	1	4097359	-0.6	
21	638	1435	5.7	-0.2	-1.4	2	1.3	4097359	-0.6	
21	637.7	1435.2	5.2	0.4	-1.3	0.1	1.5	4137846	-0.5	
21	637.4	1435.2	5.3	-0.7	-1.3	1	1.7	4221271	-0.3	
21	637.1	1435.1	4.4	-0.8	-1.3	-0.7	1.7	4352911	-0.4	
21	636.8	1435.1	4.3	-1.8	-1.2	-0.2	1.7	4541757	-0.5	
21	636.5	1434.8	4.3	0	-1.2	-1.2	1.4	4802179	-0.5	
21	636.2	1434.7	4.2	-0.7	-1.2	-1	1.3	5106708	-0.6	
21	635.9	1434.5	3.7	0	-1.4	-2.2	1	5452474	-0.6	
21	635.6	1434.4	3.3	-1.1	-1.2	-2.5	0.7	5832173	-0.8	
21	635.3	1434.4	4.2	-0.3	-1.1	-1.3	0.4	6306476	-0.9	
21	635	1434.3	4	-0.5	-0.8	-1.6	0	6864754	-1	
21	634.7	1434.2	4.8	0.3	-0.5	-0.6	-0.3	7531475	-1	
21	634.4	1434.3	3.4	-1.3	-0.2	-2.1	-0.6	8243110	-0.9	
21	634.1	1434.5	5	0.1	0	-0.7	-0.7	9024785	-0.9	
21	633.8	1434.6	4	0.4	0.1	-1.6	-0.8	9876179	-0.9	
21	633.5	1434.8	4.8	0.4	0.2	-0.2	-0.7	10792526	-0.7	
21	633.2	1434.8	4.3	0.5	0.1	-0.2	-0.5	11504121	-0.5	
21	632.9	1434.9	4	0	0	-1	-0.3	12172965	-0.3	
21	632.6	1435	3.8	0.9	0.1	-0.8	-0.2	12612952	-0.2	
21	632.3	1435	4.5	1.5	-0.1	-1	0	12845092	-0.4	
21	632	1435.2	4.9	1.9	-0.2	0.6	0.3	12612952	-0.6	
21	631.7	1435.6	5.3	2	-0.4	-0.3	0.7	12102601	-1	
21	631.4	1435.8	5.3	2.1	-0.3	0	1	11504121	-1.2	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
21	631.1	1436	5	1.8	-0.4	-1.1	1.2	10792526	-1.4	
21	630.8	1436.1	4.8	0.7	-0.4	-0.6	1.3	10017943	-1.5	
21	630.5	1436	5.2	1.2	-0.6	-0.6	1.4	9305556	-1.7	
21	630.2	1436	4.8	-0.4	-0.7	-0.8	1.6	8616255	-1.7	
21	629.9	1436.1	5.4	0.5	-0.8	-0.7	1.8	7961027	-1.8	
21	629.6	1436	4.1	-0.2	-0.9	-2.5	1.9	7424646	-1.6	
21	629.3	1436	4.2	-0.1	-0.7	-1.9	1.7	7002509	-1.4	
21	629	1435.7	4.2	0.9	-0.6	-1.8	1.3	6646826	-1.2	
21	628.7	1435.7	4.7	1.4	-0.4	-0.5	1	6402905	-1	
21	628.4	1435.6	3.5	1.4	-0.4	-1.5	0.6	6250000	-0.7	
21	628.1	1435.6	4.1	1	-0.1	-0.6	0.1	6194527	-0.5	
21	627.8	1435.3	3.9	0.9	-0.1	-0.5	-0.4	6250000	-0.3	
21	627.5	1435.2	4.1	-1	0.2	-0.8	-0.9	6422546	-0.3	
21	627.2	1434.9	5.1	1.1	0.2	1	-1.2	6732315	-0.4	
21	626.9	1434.4	4.1	-0.4	0.2	-0.1	-1.6	7170377	-0.5	
21	626.6	1434.2	4.4	-0.2	0.4	0.4	-1.8	7754630	-0.6	
21	626.3	1434.3	3.4	-1.6	0.3	-1.5	-1.7	8442541	-0.6	
21	626	1434.7	3.8	-1.4	0.4	-0.2	-1.4	9264381	-0.5	
21	625.7	1435.3	3.2	-2.7	0.6	-1.4	-1.1	10213415	-0.3	
21	625.4	1435.6	3.5	-2.2	1	-0.4	-1	11196524	-0.2	
21	625.1	1435.7	3.7	-1.5	1	-0.2	-0.9	12102601	0.1	
21	624.8	1435.7	3.4	-1.9	0.9	-1	-0.8	12766768	0.4	
21	624.5	1435.5	3.2	-1.2	0.7	-0.2	-0.7	13251582	0.9	
21	624.2	1435.6	2.6	-1.7	0.7	-0.3	-0.5	13421474	1.3	
21	623.9	1435.7	3.9	-0.4	0.5	1.6	-0.3	13421474	1.4	
21	623.6	1435.8	3.5	-0.7	0.3	0.7	-0.2	13251582	1.1	
21	623.3	1436	4.4	0.7	-0.1	1.9	0.1	13168239	0.9	
21	623	1436	3.4	0.1	-0.2	0.5	0.2	13168239	0.7	
21	622.7	1436.1	4	-0.2	-0.3	0.6	0.4	13335987	0.4	
21	622.4	1436.3	4.5	0.5	-0.3	1	0.7	13421474	0.1	
21	622.1	1436.5	4.6	-0.2	-0.2	0.9	1	13421474	-0.2	
21	621.8	1436.6	4.1	0.7	-0.3	0.3	1.3	13595779	-0.5	
21	621.5	1436.7	4	-1	-0.2	-0.5	1.5	14052014	-0.7	
21	621.2	1436.7	4.1	0.1	-0.2	0.3	1.6	14744718	-0.8	
21	620.9	1436.6	3.6	-1.2	-0.5	-1.1	1.7	15625000	-0.8	
21	620.6	1436.5	3.8	-0.5	-0.6	-0.1	1.7	16750000	-0.7	
21	620.3	1436.2	3.9	-0.1	-0.9	-0.2	1.8	18366228	-0.6	
21	620	1436.1	3.9	0.1	-1.1	0.1	1.9		-0.6	
21	619.7	1435.9	3.8	-0.7	-1.3	-0.5	1.9		-0.6	
21	619.4	1435.5	4.1	-0.8	-1.5	0.4	1.8		-0.5	
21	619.1	1435.1	3.7	-1.6	-2	-0.1	1.8		-0.2	
21	618.8	1434.8	2.5	-2.8	-1.9	-1.3	1.6		0	
21	618.5	1434.7	3.5	-1.5	-1.8	0.6	1.5		0.1	
21	618.2	1434.7	3.1	-1.7	-1.6	0.2	1.3		0.2	
21	617.9	1434.5	3	-2.2	-1.5	0.1	1		0.6	
21	617.6	1434.3	2	-2.8	-1.4	-1	0.6		0.8	
21	617.3	1434.1	2.9	-2.5	-1.2	0.5	0.2		1	
21	617	1433.9	2.3	-1.8	-1	-0.1	-0.2		1.1	
21	616.7	1433.8	3.2	-1	-0.8	0.4	-0.5		1.1	
21	616.4	1433.5	3.4	-0.8	-0.7	1.4	-0.8	19034091	1.2	
21	616.1	1433.5	2.4	-2.3	-0.4	-0.1	-0.9	15172102	1.2	
21	615.8	1433.6	2.5	-1	-0.1	0.5	-1.1	12612952	1.2	
21	615.5	1433.8	3.1	-1	0.3	0.8	-1.1	10682398	1.1	
21	615.2	1434.2	3.7	-0.2	0.9	1.3	-1	9223568	0.9	
21	614.9	1434.4	3	-1.1	1.1	0.3	-0.9	8083977	0.8	
21	614.6	1434.6	2.8	-2.3	1.3	0.3	-0.9	7195017	0.5	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
21	614.3	1435	4.1	0	1.6	0.7	-0.8	6502329	0.2	
21	614	1435.1	4	-0.4	1.7	0.1	-0.7	6033862	0.1	
21	613.7	1434.9	4	0.6	1.3	0.4	-0.6	5705041	0	
21	613.4	1434.9	3.3	-0.5	1.2	-0.2	-0.6	5495407	0	
21	613.1	1434.8	3.8	0.6	0.8	0	-0.5	5410207	-0.1	
21	612.8	1434.4	4.6	1.1	0.2	0.1	-0.5	5396263	-0.2	
21	612.5	1434.4	4.1	0.4	0	-0.1	-0.3	5481021	-0.2	
21	612.2	1434.6	3.8	0.4	-0.2	-0.2	0	5658784	-0.2	
21	611.9	1434.7	4	0.8	-0.5	-0.3	0.1	5931303	-0.2	
21	611.6	1434.8	4.7	2.1	-0.6	0.3	0.2	6287538	-0.1	
21	611.3	1434.9	4.8	0.9	-0.6	0.2	0.3	6732315	-0.1	
21	611	1435	4.5	1	-0.7	0.4	0.4	7244810	0.1	
21	610.7	1435.1	4.4	0	-0.5	0.3	0.4	7812500	0.2	
21	610.4	1435.1	4.9	1.5	0	0.4	0.3	8408635	0.2	
21	610.1	1435.1	5	1	0.1	1.1	0.3	9024785	0.3	
21	609.8	1435.1	4.9	0.4	0.2	1	0.3	9693287	0.4	
21	609.5	1435.2	4.2	-0.4	0.3	0.6	0.3	10314040	0.4	
21	609.2	1435.4	4.7	0.6	0.5	1	0.2	10904948	0.4	
21	608.9	1435.6	5	1	0.6	1	0.2	11504121	0.3	
21	608.6	1435.7	5.2	1.1	0.6	1.5	0.2	12033046	0.1	
21	608.3	1435.6	4.9	1.3	0.4	0.8	0.2	12389053	0.1	
21	608	1435.3	4.9	1.1	0	0.7	0.2	12612952	0.2	
21	607.7	1435	4.3	0.4	-0.5	0.1	0.2	12612952	0.3	
21	607.4	1434.6	4.8	0.9	-1.1	0.9	0.2	12389053	0.5	
21	607.1	1434.6	4	0.2	-1.5	0.8	0.3	12033046	1	
21	606.8	1434.6	3.6	-0.5	-1.9	0.9	0.4	11504121	1.4	
21	606.5	1434.7	3.7	0	-2.2	1.5	0.7	10962042	1.9	
21	606.2	1434.8	3.2	0.7	-2.5	0.7	1.1	10314040	2.1	
21	605.9	1434.9	4	0.5	-2.6	2.1	1.4	9693287	2.2	
21	605.6	1435.2	4	0.9	-2.6	1.7	1.9	9103261	2	
21	605.3	1435.5	4	1	-2.5	1.9	2.1	8616255	1.7	
21	605	1435.8	4	2	-2	1	2.3	8178711	1.3	
21	604.7	1436.3	4.1	1.2	-1.5	0.8	2.4	7783457	0.8	
21	604.4	1436.7	3.4	1.1	-1	0.2	2.4	7372359	0.5	
21	604.1	1436.8	3.2	0	-0.3	-0.8	2	7002509	0.1	
21	603.8	1436.7	4.1	0.7	0.1	0.4	1.7	6625791	-0.2	
21	603.5	1436.6	3.4	1	0.6	-0.7	1.2	6250000	-0.4	
21	603.2	1436.5	3.7	1.2	0.9	-0.7	0.7	5864846	-0.4	
21	602.9	1436.7	3.4	0.3	1.4	-0.8	0.3	5539021	-0.2	
21	602.6	1436.5	3.7	0	1.6	-0.2	-0.2	5273930	-0.1	
21	602.3	1436.2	4.3	1.3	1.2	0.3	-0.5	5081918	-0.1	
21	602	1436	3.8	1	1	0.2	-0.7	4997017	0.1	
21	601.7	1435.6	4.4	0.3	0.5	1.4	-0.7	4997017	0.5	
21	601.4	1435	3.8	-0.2	0	0.6	-0.7	5106708	0.8	
21	601.1	1434.7	3.4	-0.6	-0.2	0.7	-0.6	5341199	1	
21	600.8	1434.5	4	0.7	-0.8	1.1	-0.4	5720629	1	
21	600.5	1434.6	4.1	0.3	-1.1	1.4	-0.2	6231399	1.2	
21	600.2	1434.5	3.7	-0.9	-1.5	1.2	0.1	6842320	1.6	
21	599.9	1434.6	3.8	-0.3	-1.4	0.8	0.3	7586051	1.5	
21	599.6	1434.7	3.9	0.1	-1.4	1	0.6	8408635	1.4	
21	599.3	1434.7	3.9	-0.1	-1.2	0.7	0.7	9264381	1.4	
21	599	1434.7	4	-0.7	-0.8	0.9	0.8	9876179	1.3	
21	598.7	1434.5	4.1	-0.7	-0.9	1.1	0.8	10066106	1.2	
21	598.4	1434.9	4.1	-0.4	-0.7	0.6	1	9829812	1	
21	598.1	1435.1	4.5	0.1	-0.6	0.6	1	9305556	0.8	
21	597.8	1435.3	4.4	-0.5	-0.5	0.5	1	8651860	0.7	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
21	597.5	1435.2	4.7	-0.3	-0.7	0.6	0.9	7961027	0.6	
21	597.2	1435	4.8	-0.1	-1	0.8	0.7	7320804	0.5	
21	596.9	1434.9	4.9	0.7	-1.2	0.4	0.6	6754032	0.4	
21	596.6	1434.5	5	0.3	-1.4	0.3	0.4	6306476	0.3	
21	596.3	1434.5	5	0	-1.3	0.3	0.4	5999284	0.3	
21	596	1434.6	5.1	-0.1	-1.4	0.7	0.4	5864846	0.2	
21	595.7	1434.9	5.3	0.4	-1.1	0.5	0.3	5881320	0	
21	595.4	1435.1	5.6	0.7	-0.9	0.6	0.2	6033862	-0.3	
21	595.1	1435.5	5.7	1.4	-0.4	0.5	0.3	6306476	-0.4	
21	594.8	1435.9	5.1	0.3	0	0	0.4	6710737	-0.5	
21	594.5	1436.3	5.9	1.9	0.3	0.6	0.6	7244810	-0.6	
21	594.2	1436.3	5.9	2.3	0.6	0.4	0.7	7930871	-0.8	
21	593.9	1436.3	5.9	2.2	0.4	0.2	1	8797269	-0.9	
21	593.6	1436.2	5.1	1.9	0.2	-0.6	1.3	9876179	-1	
21	593.3	1436.4	5	1	-0.1	-0.6	1.6	11078042	-0.8	
21	593	1436.3	5	1	-0.2	-1.4	1.6	12316177	-0.6	
21	592.7	1436.1	4.9	0.9	-0.4	-1.2	1.4	13421474	-0.3	
21	592.4	1436	4.5	0.5	-0.4	-1.1	1.2	14243197	0.1	
21	592.1	1435.9	4.5	0.4	-0.2	-1.1	0.7	14744718	0.4	
21	591.8	1435.6	4.5	1.1	0	-0.9	0.1	14849291	0.6	
21	591.5	1435.3	4.6	1.4	0.4	-0.2	-0.7	14340754	0.7	
21	591.2	1434.9	4.4	0.3	0.6	0.3	-1.5	13421474	0.9	
21	590.9	1434.9	4.4	1	1.1	0.8	-2.2	12316177	0.9	
21	590.6	1434.7	5.9	2.2	1.3	2.2	-2.6	11196524	0.4	
21	590.3	1434.6	6	2.6	1.2	1.6	-2.7	10114734	-0.5	
21	590	1434.5	6.4	2.7	1.1	1.5	-2.7	9264381	-1.2	
21	589.7	1434.5	6.2	1.9	0.9	0.6	-2.4	8580943	-1.8	
21	589.4	1434.6	6	2.2	0.5	0	-2	8083977	-2.3	
21	589.1	1434.9	5.2	0.8	0.1	-1.4	-1.2	7697610	-2.5	
21	588.8	1435.3	4.8	1	-0.3	-2	-0.2	7424646	-2.5	
21	588.5	1435.5	4	0.6	-0.8	-2.7	0.7	7219828	-2.2	
21	588.2	1435.8	3.2	-0.8	-1	-4.1	1.4	7097458	-1.9	
21	587.9	1436	2.9	-1.2	-1.1	-4.4	1.9	6955980	-1.7	
21	587.6	1436.3	3	-0.7	-1.1	-3.9	2.3	6797890	-1.2	
21	587.3	1436.2	3.1	-0.7	-1.4	-3.6	2.5	6584120	-0.9	
21	587	1436.5	3	-0.9	-1.3	-3.6	2.7	6363982	-0.9	
21	586.7	1436.6	3.6	-0.3	-1.2	-2.4	2.6	6158088	-1	
21	586.4	1436.7	4.3	0.3	-0.9	-2.2	2.4	5965100	-1.8	
21	586.1	1436.4	4.5	0.4	-0.6	-2	1.9	5815972	-1.8	
21	585.8	1436.1	5	0.9	-0.3	-0.3	1.3	5736302	-1.6	
21	585.5	1435.9	5.1	0.6	-0.2	0.2	1	5720629	-1.3	
21	585.2	1435.8	5	0.6	0.2	1	0.6	5799862	-1	
21	584.9	1435.7	5.4	0.7	0.7	1.6	0.3	5982143	-0.8	
21	584.6	1435.6	5.4	0.6	0.6	2.7	0.1	6212908	-0.3	
21	584.3	1435.5	4.9	0	0.6	2.1	-0.1	6522586	0.2	
21	584	1435.2	4.7	-0.3	0.4	2	-0.6	6887336	0.6	
21	583.7	1434.8	5.4	0.4	0.3	3.1	-0.9	7295296	1.1	
21	583.4	1434.4	4.3	-0.8	0	2.2	-1.1	7783457	1.7	
21	583.1	1434.2	4.3	-1	-0.2	2.9	-1.2	8341634	2	
21	582.8	1433.7	2.9	-2.7	-1	1.8	-1.1	8909575	2.7	
21	582.5	1433.3	2.9	-2.8	-1.5	2.8	-1.1	9389014	3.1	
21	582.2	1433.3	1.8	-3.3	-1.5	1.5	-1	9738372	3.5	
21	581.9	1433.5	2.4	-3.5	-1.6	2.8	-0.8	9783879	3.6	
21	581.6	1434.1	2.4	-3.5	-1.5	3.1	-0.2	9517046	3.6	
21	581.3	1434.4	2.2	-3.7	-1.5	2.3	0.3	8909575	3.1	
21	581	1434.8	2.7	-2.4	-1.5	2.6	0.8	8052885	2.6	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
21	580.7	1435.4	1.6	-3.4	-1.4	0.5	1.3	7097458	2	
21	580.4	1435.8	2.6	-2.4	-1.4	2	1.8	6212908	1.6	
21	580.1	1436	1	-3.9	-1.1	-0.4	2	5466710	1.3	
21	579.8	1436.1	2.2	-2.3	-1	1.2	2.1	4857889	0.9	
21	579.5	1436.2	1.6	-2.9	-0.9	0.3	2.1	4371086	0.7	
21	579.2	1436.3	1.2	-3.3	-0.8	-0.8	2	3988096	0.6	
21	578.9	1436.4	0.7	-3.9	-0.6	-0.8	1.8	3718917	0.8	
21	578.6	1436.6	1.1	-3.3	-0.5	-0.9	1.6	3560800	0.9	
21	578.3	1436.8	2	-2.4	-0.3	0.8	1.5	3489584	1.1	
21	578	1437	1.6	-4.3	-0.1	-0.4	1.6	3501255	1.2	
21	577.7	1436.9	2.6	-3.4	-0.1	1.6	1.7	3591338	1.3	
21	577.4	1436.7	2	-4.4	-0.2	-0.1	1.9	3765738	1.3	
21	577.1	1436.5	1.7	-4.5	-0.3	0.6	1.8	4034201	1.2	
21	576.8	1436.2	2.9	-3.1	-0.3	1.2	1.7	4417194	1	
21	576.5	1436.1	2.5	-2.7	-0.4	1.2	1.5	4938090	0.9	
21	576.2	1436.1	3.1	-1.7	-0.5	1	1.3	5613271	0.7	
21	575.9	1435.8	3.1	-0.9	-0.8	1.1	0.9	6422546	0.6	
21	575.6	1435.3	3.8	0.6	-1.1	1.3	0.4	7295296	0.5	
21	575.3	1434.5	3.6	0.7	-1.4	1.1	-0.3	8210785	0.5	
21	575	1433.9	4.6	1.6	-1.5	2.5	-0.8	8986052	0.7	
21	574.7	1433.7	3.1	0	-1.5	1.7	-0.9	9560502	0.8	
21	574.4	1433.4	4.3	1.3	-1.8	2.9	-1	9829812	0.8	
21	574.1	1433.6	3.7	0.1	-1.5	1.7	-1	9783879	0.6	
21	573.8	1434.1	4.5	0.2	-1.7	2.7	-0.7	9389014	0.3	
21	573.5	1434.6	3.3	-1.2	-1.4	0.2	-0.5	8834388	0	
21	573.2	1435.1	4.5	-0.5	-1.1	1.2	-0.2	8210785	-0.2	
21	572.9	1435.5	3.4	-1.7	-0.6	0	0	7558664	-0.2	
21	572.6	1435.7	3.6	-1.4	-0.4	-0.1	0.2	7026007	-0.3	
21	572.3	1435.8	2.7	-2.7	-0.5	-0.4	0.4	6563480	-0.2	
21	572	1436.1	1.5	-3.9	-0.2	-2	0.6	6176254	-0.2	
21	571.7	1436.2	2.7	-2.2	-0.3	-0.1	0.7	5864846	-0.1	
21	571.4	1436.8	1.2	-3.5	0	-2	0.8	5658784	0.1	
21	571.1	1437.1	3.1	-2.3	0	1.3	1	5524407	0.5	
21	570.8	1437.5	2.4	-1.9	0.3	-0.6	1.3	5466710	0.9	
21	570.5	1437.7	2.8	-1.5	0.4	1.4	1.6	5481021	1	
21	570.2	1438	2.2	-0.7	0.6	0.2	1.9	5553714	1.1	
21	569.9	1438.1	2.8	-0.1	0.8	1.5	2.1	5658784	1.1	
21	569.6	1438.1	2.4	0.6	0.6	1.3	2.4	5767907	1.3	
21	569.3	1438.1	1.8	-0.6	0.5	0.9	2.6	5848464	1.3	
21	569	1438	2.2	-0.2	0.2	1.3	2.6	5881320	1.2	
21	568.7	1437.5	1.4	-0.8	-0.1	-0.3	2.3	5848464	1.2	
21	568.4	1436.7	3.4	0.7	-0.7	2.3	1.9	5752061	1.2	
21	568.1	1436	1.4	-0.2	-0.9	-0.4	1.2	5613271	1.2	
21	567.8	1435.2	2.6	0	-1.3	1.8	0.4	5481021	1.2	
21	567.5	1434.6	2.1	1.1	-1.3	0.4	-0.4	5354860	1.2	
21	567.2	1434	3.4	1.2	-1.3	2.1	-1.2	5260679	1.2	
21	566.9	1433.7	1.8	0.2	-1.1	0.2	-1.8	5182550	1.1	
21	566.6	1433.6	3	1.8	-0.7	2	-2.4	5157020	0.9	
21	566.3	1433.5	2.8	2.1	-0.1	0.9	-2.7	5144349	0.8	
21	566	1433.6	2.2	1.1	0.6	0.1	-2.8	5182550	0.6	
21	565.7	1433.8	3.2	1.2	0.9	1.4	-2.6	5221322	0.6	
21	565.4	1434.2	1.9	0.3	1.2	-0.8	-2.2	5273930	0.4	
21	565.1	1434.6	3	0.4	1.2	0.8	-1.6	5260679	0.3	
21	564.8	1435	2.7	0.7	1.5	-0.8	-1.1	5208334	0.1	
21	564.5	1435.1	3.5	1.8	1.1	1.2	-0.5	5131741	0.3	
21	564.2	1435.4	1.7	-1.2	1.1	-1.1	0	5033053	0.6	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
21	563.9	1435.1	4	1.5	0.6	2	0.3	4938090	0.6	
21	563.6	1434.9	2.1	-1	0.2	-0.2	0.5	4869186	0.6	
21	563.3	1435	3.4	0.3	0	0.8	0.7	4813219	0.3	
21	563	1435.3	3.6	-0.2	-0.2	1.5	1	4780251	0	
21	562.7	1435.3	2.9	-0.7	-0.5	-0.6	1	4769363	-0.6	
21	562.4	1435.3	3.9	-0.7	-0.8	0.5	1	4780251	-1	
21	562.1	1435.3	3.4	0.3	-0.9	-0.3	1	4824309	-1.1	
21	561.8	1435	3.9	-0.4	-1.5	0.6	1	4914906	-1.1	
21	561.5	1434.9	2.5	-1.2	-1.5	-1.9	1.1	5020984	-1.2	
21	561.2	1434.9	3.7	-0.8	-1.6	0.5	1.2	5119193	-1.2	
21	560.9	1434.8	2.6	-0.7	-1.8	-1.2	1.2	5195410	-0.8	
21	560.6	1434.9	2.4	-2.1	-1.9	-0.9	1.2	5273930	-0.5	
21	560.3	1435.1	2.8	-0.6	-1.7	-0.2	1.3	5354860	0.1	
21	560	1435.3	2.2	-1.4	-1.5	-0.5	1.3	5438312	0.4	
21	559.7	1435.4	1.8	-0.9	-1.5	-0.2	1.4	5495407	0.8	
21	559.4	1435.6	2.8	1.3	-1.3	0.5	1.6	5509869	1	
21	559.1	1435.5	2.5	-0.2	-1.4	1.1	1.8	5524407	1.4	
21	558.8	1435.7	2	0.8	-1.4	0.2	2	5539021	1.6	
21	558.5	1435.7	2.7	-0.4	-1.5	1.9	2.2	5539021	1.4	
21	558.2	1435.9	1.9	-0.5	-1.7	0.3	2.4	5524407	1.2	
21	557.9	1435.7	3.3	0.5	-2	1.8	2.5	5452474	1	
21	557.6	1435.7	2.3	0.1	-2	0.1	2.6	5327608	1	
21	557.3	1435.7	2.3	-0.5	-2	1.9	2.6	5144349	0.9	
21	557	1435.5	2.8	0.4	-2.1	0.4	2.4	4914906	0.7	
21	556.7	1435.4	3.1	1.3	-1.8	1.3	1.9	4673549	0.5	
21	556.4	1435.3	3.2	1	-1.7	1.5	1.6	4417194	0.4	
21	556.1	1435.3	1.9	0.5	-1.1	-1.1	1	4170817	0.4	
21	555.8	1435.5	3.3	-0.1	-0.6	2	0.6	3943032	0.3	
21	555.5	1435.4	2.3	0.9	-0.1	-0.8	0	3745528	0.2	
21	555.2	1435	4.2	1.6	-0.2	2.3	-0.2	3591338	0.4	
21	554.9	1434.9	0.8	-1.3	-0.2	-1.1	-0.4	3477990	0.7	
21	554.6	1434.9	3.4	0	-0.2	1.5	-0.3	3393436	0.9	
21	554.3	1435	2.1	0.3	-0.1	0.3	-0.2	3344649	1	
21	554	1435.1	2.2	-0.8	0	-0.2	-0.2	3318146	1	
21	553.7	1435.1	4.1	1.3	-0.3	2.6	-0.1	3297245	1	
21	553.4	1435.2	1.4	-0.8	-0.5	-1.2	0	3271485	0.9	
21	553.1	1435.3	3.2	0	-0.6	1.6	0.1	3241100	0.9	
21	552.8	1435.1	2.4	0.5	-0.6	-0.5	0.1	3211273	0.8	
21	552.5	1435.2	2.9	-0.1	-0.5	1.8	0.1	3177163	0.8	
21	552.2	1435.2	2.9	0.2	-0.5	0	0	3139056	0.7	
21	551.9	1435.3	2.6	-0.9	-0.3	0.3	-0.2	3106455	0.7	
21	551.6	1435.3	3.7	2	-0.3	1.5	-0.2	3083579	0.6	
21	551.3	1435.6	3.2	-0.8	-0.2	-0.8	0	3083579	0.6	
21	551	1435.9	3.7	1.6	-0.4	1.3	0.4	3111070	0.6	
21	550.7	1436.2	2.7	-0.7	-0.3	-1	0.7	3167550	0.6	
21	550.4	1436.3	3.2	-0.4	-0.4	0.1	1	3256221	0.7	
21	550.1	1436.3	3.1	0.2	-0.7	0	1.3	3382472	0.7	
21	549.8	1436.5	3.9	0	-0.9	0.3	1.7	3542725	0.7	
21	549.5	1436.6	3.9	0.5	-1.5	0.9	2.3	3725534	0.7	
21	549.2	1436.6	3.4	-0.5	-1.6	-0.9	2.5	3935621	0.4	
21	548.9	1436.5	5.2	2.7	-1.7	0.6	2.5	4154266	0.1	
21	548.6	1436.6	4.7	1	-1.4	-0.2	2.3	4361980	-0.4	
21	548.3	1436.4	5.4	2.8	-1.5	1.2	2	4531927	-0.8	
21	548	1436.4	5.1	2.7	-1.2	-0.1	1.7	4652778	-1	
21	547.7	1436.2	4.8	2	-0.9	-0.2	1.3	4705057	-1.1	
21	547.4	1436.3	5.8	3.6	-0.6	0	1	4705057	-1.2	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
21	547.1	1436.2	4.9	3.1	-0.3	-0.9	0.7	4673549	-1.3	
21	546.8	1436.1	5.7	2.9	0	0.3	0.4	4632191	-1.4	
21	546.5	1435.8	6.2	3.7	0	-0.3	0.2	4581510	-1.4	
21	546.2	1435.6	5.3	3.3	-0.2	-0.4	0.1	4551631	-1	
21	545.9	1435.5	4.2	1.5	-0.3	-1	0.1	4531927	-0.4	
21	545.6	1435.5	5.2	3.3	-0.7	0.5	0.2	4531927	-0.3	
21	545.3	1435.4	4.8	1.5	-0.9	-0.2	0.2	4531927	-0.4	
21	545	1435.2	5.3	3	-1.3	-0.1	0.3	4551631	-0.5	
21	544.7	1435	5.2	2.9	-1.7	0	0.4	4571507	-0.6	
21	544.4	1434.8	4.6	1.8	-1.9	-0.9	0.4	4591557	-0.5	
21	544.1	1434.8	5	1.9	-1.8	-0.5	0.5	4571507	-0.4	
21	543.8	1434.8	4.7	1.5	-1.9	-0.7	0.7	4512393	-0.3	
21	543.5	1435.1	4.2	2.3	-1.7	-0.4	1	4426533	0.1	
21	543.2	1435.6	3.7	0.4	-1.3	-0.9	1.3	4325930	0.5	
21	542.9	1436	4.4	2.1	-1	0.7	1.6	4221271	0.9	
21	542.6	1436.2	4.1	-0.1	-0.7	0.2	1.7	4121555	1.2	
21	542.3	1436.4	4.2	3.4	-0.4	0.4	1.8	4026443	1.5	
21	542	1436.5	4.3	0.9	0.1	1	1.7	3950472	1.7	
21	541.7	1436.4	4.1	2	0.4	0.7	1.5	3884509	1.7	
21	541.4	1436.3	4.8	2.6	0.7	1.3	1.1	3834707	1.5	
21	541.1	1436	5.2	1.1	0.7	1.6	0.6	3813753	1.2	
21	540.8	1435.7	5	3.6	0.7	1.4	0	3820712	1	
21	540.5	1435.4	4.5	1.3	0.5	0.6	-0.6	3841744	0.8	
21	540.2	1435.3	5	2.6	0.6	1	-1.1	3884509	0.4	
21	539.9	1434.9	5.5	2.6	0.3	1.2	-1.5	3935621	0.2	
21	539.6	1434.6	5.4	2.5	-0.2	1	-1.5	4011016	0.1	
21	539.3	1434.2	5.3	2.7	-0.5	1	-1.4	4129685	0	
21	539	1434.2	5.3	1.6	-0.7	0.8	-1	4246958	0	
21	538.7	1434.3	5.4	2.2	-0.8	0.6	-0.4	4352911	-0.1	
21	538.4	1434.5	5.4	1.7	-1.1	0.7	0.4	4445329	-0.1	
21	538.1	1434.9	5.1	2.4	-1.2	0.9	1.2	4512393	0.2	
21	537.8	1435.4	4.8	1.6	-1.2	0.5	2	4551631	0.4	
21	537.5	1435.8	4.8	1.7	-1.2	0.5	2.6	4551631	0.5	
21	537.2	1436	4.7	0.8	-1.3	0.3	2.9	4522139	0.6	
21	536.9	1435.9	4.5	0.6	-1.2	0.2	2.8	4473825	0.8	
21	536.6	1435.5	4.3	0.9	-1.5	0.3	2.4	4417194	0.9	
21	536.3	1435.1	4.2	-1	-1.8	0.5	1.9	4371086	0.9	
21	536	1434.7	4.3	-0.4	-1.7	0.5	1.2	4343880	1	
21	535.7	1434.3	4.4	-1	-1.8	0.9	0.6	4334886	0.9	
21	535.4	1434	4.4	-0.7	-1.8	1	0	4352911	0.9	
21	535.1	1433.9	4.2	-0.6	-1.7	0.7	-0.4	4389413	0.9	
21	534.8	1434.2	4.6	-1.2	-1.3	1.2	-0.6	4445329	0.7	
21	534.5	1434.4	4.9	0	-1.2	1.1	-0.5	4522139	0.4	
21	534.2	1435	4.6	-1.1	-0.8	0.3	0	4601649	0.2	
21	533.9	1435.6	3.9	-2.3	-0.4	-0.2	0.4	4673549	0.1	
21	533.6	1436	4.2	-1.1	-0.2	-0.2	0.8	4747733	0	
21	533.3	1436.1	3.7	-0.5	-0.2	-1	1.1	4846644	-0.1	
21	533	1436.3	3.8	-1.4	0	-1	1.3	4961493	-0.2	
21	532.7	1436.2	4.1	-0.7	0	-0.5	1.3	5106708	-0.2	
21	532.4	1436.3	3.5	-1.8	0	-1.3	1.3	5260679	-0.2	
21	532.1	1436.2	4	-1.2	0.2	-0.9	1	5424223	-0.2	
21	531.8	1436.1	4.6	0	0.1	-0.3	0.7	5583334	-0.3	
21	531.5	1436	4.1	-0.9	0	-0.4	0.5	5736302	-0.3	
21	531.2	1436	4.5	-0.2	-0.1	-0.3	0.3	5848464	-0.2	
21	530.9	1436.1	4.8	0.6	0	0.4	0.3	5897888	-0.2	
21	530.6	1436.1	4.8	1.1	-0.1	0.3	0.4	5864846	-0.1	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
21	530.3	1435.9	4.6	0.2	-0.3	0.4	0.4	5736302	0.2	
21	530	1435.9	4.7	0.6	-0.5	0.8	0.6	5524407	0.6	
21	529.7	1435.6	4.6	0.4	-0.7	0.8	0.7	5273930	0.9	
21	529.4	1435.5	4.6	0.3	-0.8	0.9	0.8	5045181	1.2	
21	529.1	1435.5	4.6	0.5	-1	1.4	1.1	4835451	1.4	
21	528.8	1435.6	5	0.2	-0.9	1.8	1.3	4684005	1.5	
21	528.5	1435.6	4.7	-0.5	-0.9	1.3	1.3	4591557	1.6	
21	528.2	1435.4	5	0	-1.1	2.1	1.3	4581510	1.7	
21	527.9	1435.4	4.8	0.3	-1	2	1.3	4652778	1.6	
21	527.6	1435.3	5.6	0.6	-1	3	1.3	4813219	1.4	
21	527.3	1435	5.5	0	-1.1	2.9	1.3	5057367	1.2	
21	527	1434.9	5.2	-0.2	-1.1	2.2	1.2	5368590	0.8	
21	526.7	1434.7	5.1	-0.2	-1.2	1.8	1	5705041	0.4	
21	526.4	1434.4	5	-0.3	-1.3	1	0.7	6016523	0.2	
21	526.1	1434.4	5.2	-0.2	-1	1.3	0.4	6268713	0.1	
21	525.8	1434.3	4.5	-0.9	-0.9	0.3	0.2	6402905	0.1	
21	525.5	1434.3	4.2	-0.9	-0.8	0.1	0	6402905	0.1	
21	525.2	1434.2	3.4	-1.4	-0.6	-1	-0.2	6268713	0.4	
21	524.9	1434.1	3.1	-1.7	-0.6	-0.8	-0.3	6068841	0.6	
21	524.6	1434.1	2.9	-1.8	-0.5	-1	-0.4	5848464	0.8	
21	524.3	1434.2	2.9	-1.6	-0.2	-0.8	-0.4	5658784	1	
21	524	1434.3	3.4	-0.9	0	-0.1	-0.2	5553714	1	
21	523.7	1434.4	3.3	-0.9	-0.1	-0.2	0	5509869	1	
21	523.4	1434.5	3.6	-0.7	0.2	0	0.1	5524407	1	
21	523.1	1434.7	3.6	-0.8	0.3	0.1	0.3	5598262	1	
21	522.8	1434.8	4	-0.4	0.4	0.9	0.4	5736302	1	
21	522.5	1434.9	3.6	-0.6	0.3	0.6	0.5	5914548	1	
21	522.2	1435	4.2	-0.4	0.2	1.2	0.6	6158088	0.9	
21	521.9	1434.9	4.3	-0.6	0.1	0.9	0.6	6402905	0.8	
21	521.6	1434.7	4.1	-0.5	0	0.6	0.5	6625791	0.7	
21	521.3	1434.5	3.9	0	-0.2	0.5	0.4	6820033	0.6	
21	521	1434.2	4.8	0.6	-0.5	1.2	0.3	6979167	0.5	
21	520.7	1433.9	4.8	1.1	-0.8	1.1	0.2	7097458	0.5	
21	520.4	1433.9	4.7	0.9	-0.8	0.8	0.2	7195017	0.4	
21	520.1	1434.1	4.9	0.8	-0.8	1.3	0.3	7244810	0.4	
21	519.8	1434.3	4.9	1.4	-0.8	1	0.3	7244810	0.4	
21	519.5	1434.2	5.6	1.6	-0.8	1.3	0.3	7170377	0.4	
21	519.2	1434.2	5	0.4	-0.8	1.2	0.4	7073480	0.5	
21	518.9	1434.2	4.7	0.6	-0.8	1.2	0.4	7026007	0.6	
21	518.6	1434.4	4.7	0.2	-0.7	0.8	0.5	7026007	0.6	
21	518.3	1434.3	4.9	0.1	-0.7	0.9	0.5	7026007	0.6	
21	518	1434.2	4.7	-0.1	-0.9	1	0.5	7049664	0.8	
21	517.7	1434.3	4.4	-0.2	-0.9	0.8	0.5	7121599	0.9	
21	517.4	1434.5	4.5	-0.2	-0.8	1.5	0.5	7219828	1	
21	517.1	1434.5	5	0.4	-0.8	1.1	0.5	7372359	1	
21	516.8	1434.5	4.5	-0.1	-0.7	0.8	0.5	7531475	1	
21	516.5	1434.7	4.3	-0.3	-0.4	0.8	0.5	7669414	1	
21	516.2	1434.9	4.3	-0.7	-0.4	1.1	0.5	7726015	1	
21	515.9	1435.1	4.3	-0.4	-0.2	1	0.5	7697610	1	
21	515.6	1435.3	4.3	-0.7	-0.2	0.8	0.6	7586051	1	
21	515.3	1435.3	4.2	-0.6	-0.3	0.9	0.7	7451068	1.1	
21	515	1435.3	3.2	-2.4	-0.4	0.2	0.7	7295296	1.2	
21	514.7	1435.3	4.2	-1.3	-0.4	1	0.7	7145905	1	
21	514.4	1435.2	4.4	-0.8	-0.4	1	0.7	7002509	0.9	
21	514.1	1435.1	4.4	-0.7	-0.6	1.2	0.7	6842320	0.9	
21	513.8	1435.2	3.7	-1.3	-0.5	0.5	0.7	6732315	0.9	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
21	513.5	1435.4	3.8	-1.4	-0.4	0.5	0.7	6646826	0.8	
21	513.2	1435.5	4.3	-0.2	-0.3	0.8	0.6	6584120	0.8	
21	512.9	1435.5	4.5	0.3	0	1	0.4	6502329	0.8	
21	512.6	1435.5	3.8	0.4	0.2	0.8	0.2	6402905	0.8	
21	512.3	1435.4	3.4	0.3	0.4	-0.1	-0.1	6250000	0.7	
21	512	1435.3	4.2	1.3	0.5	0.7	-0.3	6104228	0.7	
21	511.7	1435.2	3.9	1	0.6	0.2	-0.4	5965100	0.7	
21	511.4	1435.1	3.9	0.5	0.4	0.4	-0.4	5832173	0.7	
21	511.1	1435.1	3.9	0.6	0.4	0.5	-0.4	5689538	0.7	
21	510.8	1435.2	4.4	0.8	0.3	1	-0.2	5553714	0.7	
21	510.5	1435	4.5	0.9	-0.1	1	0	5410207	0.8	
21	510.2	1435	4.4	0.4	-0.3	1.3	0.2	5300633	0.9	
21	509.9	1434.9	4.2	0.6	-0.7	1.2	0.6	5234375	1.1	
21	509.6	1435	4.1	-0.1	-0.9	1.2	1	5182550	1.2	
21	509.3	1435	4.5	0.2	-1.1	1.7	1.2	5131741	1.2	
21	509	1435	4.7	0.6	-1.1	1.6	1.3	5094283	1.3	
21	508.7	1434.8	4.4	0.5	-1.5	1.5	1.3	5057367	1.3	
21	508.4	1434.8	4	-0.8	-1.5	0.7	1.3	5033053	1.3	
21	508.1	1434.8	4.2	-0.6	-1.4	0.8	1.2	5008972	1.3	
21	507.8	1434.7	4.3	-0.4	-1.2	0.8	1	4997017	1.2	
21	507.5	1434.6	4.8	-0.1	-1.1	1.2	0.9	4985119	1.2	
21	507.2	1434.5	4.1	-0.8	-1.1	0.6	0.7	4985119	1.2	
21	506.9	1434.6	4.2	-1.4	-1	0.7	0.6	4997017	1.1	
21	506.6	1434.6	4.8	-0.2	-1	1.1	0.5	5020984	1	
21	506.3	1434.8	4.6	-0.1	-0.7	0.7	0.5	5057367	0.8	
21	506	1434.8	4.9	0.2	-0.8	0.9	0.5	5119193	0.6	
21	505.7	1434.9	4.8	-0.1	-0.8	0.9	0.6	5208334	0.4	
21	505.4	1434.9	5.1	0.4	-0.8	1.2	0.5	5327608	0.2	
21	505.1	1434.8	5.3	0.9	-0.7	0.5	0.4	5481021	0	
21	504.8	1434.8	5.3	0.8	-0.6	0.8	0.3	5643531	-0.2	
21	504.5	1434.9	4.8	-0.2	-0.4	0.4	0.2	5815972	-0.2	
21	504.2	1435.1	4.8	0.3	-0.3	0.3	0.3	5982143	-0.2	
21	503.9	1435.2	4.9	0.6	-0.2	0.2	0.3	6140030	-0.3	
21	503.6	1435.3	5.2	0.9	-0.3	0.3	0.4	6268713	-0.3	
21	503.3	1435.3	4.5	0.2	-0.3	-0.2	0.4	6383384	-0.2	
21	503	1435.6	4	-0.3	-0.3	-0.5	0.7	6462192	-0.2	
21	502.7	1435.7	4.8	0.6	-0.4	0.6	0.9	6482198	-0.2	
21	502.4	1435.8	4.6	1.4	-0.8	0	1.3	6482198	-0.1	
21	502.1	1435.7	4.3	0.1	-1.1	0.1	1.4	6422546	0	
21	501.8	1435.7	3.8	-0.6	-1.2	-0.3	1.4	6344697	0.1	
21	501.5	1435.5	4.2	-0.2	-1.3	0.5	1.3	6250000	0.1	
21	501.2	1435.6	4.3	0.6	-1.3	0.2	1.3	6158088	0	
21	500.9	1435.5	4.3	0.5	-1.2	0.8	1.2	6086483	0	
21	500.6	1435.5	3.6	-0.7	-1.3	0	1.2	6051301	0	
21	500.3	1435.7	2.7	-1.8	-0.8	-0.9	1	6068841	0	
21	500	1435.7	3.6	-0.2	-0.7	0.2	0.8	6122076	0	
21	499.7	1435.9	3.6	0.2	-0.4	0.1	0.7	6268713	0	
21	499.4	1435.9	3.6	-0.6	-0.4	0.5	0.7	6482198	0	
21	499.1	1435.9	2.6	-1.3	-0.3	-0.5	0.7	6732315	0.2	
21	498.8	1435.8	3.1	-0.8	-0.5	0	0.7	7026007	0.2	
21	498.5	1435.7	2.6	-1.3	-0.5	-0.7	0.7	7346491	0.2	
21	498.2	1435.6	3.2	-1.2	-0.5	0.1	0.7	7613637	0.2	
21	497.9	1435.4	2.5	-2	-0.7	0	0.6	7812500	0.4	
21	497.6	1435.4	2.3	-2.1	-0.7	-0.3	0.6	7900944	0.5	
21	497.3	1435.4	2.8	-1.4	-0.8	0.2	0.5	7961027	0.6	
21	497	1435.4	2.4	-1.7	-0.7	-0.2	0.4	7871241	0.7	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
21	496.7	1435.5	2.5	-2	-0.6	0.3	0.3	7669414	0.8	
21	496.4	1435.5	2.2	-2.5	-0.5	0	0.2	7531475	0.9	
21	496.1	1435.5	2.7	-1.7	-0.3	1	0	7424646	0.9	
21	495.8	1435.3	2.9	-1.1	-0.2	0.5	-0.2	7346491	0.7	
21	495.5	1435.2	3	-1.2	0	0.8	-0.3	7269965	0.6	
21	495.2	1435.2	2.7	-1.6	0.2	0.6	-0.4	7219828	0.6	
21	494.9	1435.4	2.8	-2	0.6	0.3	-0.4	7219828	0.4	
21	494.6	1435.6	3.1	-1	0.8	0.4	-0.4	7219828	0	
21	494.3	1435.8	3.5	-0.7	0.8	0.6	-0.3	7244810	-0.4	
21	494	1435.9	3.2	-1.6	0.8	0	-0.2	7320804	-0.6	
21	493.7	1436	2.6	-2	0.6	-0.5	0	7424646	-0.5	
21	493.4	1435.8	3.1	-1.8	0.3	0	0.1	7586051	-0.2	
21	493.1	1435.7	3.1	-1.7	0.1	-0.3	0.2	7783457	0	
21	492.8	1435.5	3.2	-1.9	-0.3	0.4	0.3	8115310	0.1	
21	492.5	1435.1	3.1	-2.2	-0.7	0.5	0.2	8545919	0.5	
21	492.2	1435	3	-2.3	-0.9	0.4	0.2	9183114	0.8	
21	491.9	1435	2.5	-2.3	-0.9	-0.4	0.1	9876179	1.1	
21	491.6	1435	3	-1.8	-0.9	1.1	0.1	10682398	1.2	
21	491.3	1435.3	2.6	-2.3	-0.7	0.9	0.1	11567680	1.1	
21	491	1435.5	3	-2.2	-0.2	0.7	0	12612952	0.6	
21	490.7	1435.5	3.8	-0.7	0	0.2	0	13774671	0.3	
21	490.4	1435.7	3.1	-0.9	0.4	0.6	-0.1	15172102	0	
21	490.1	1435.8	3.5	-1.3	0.7	0.3	-0.1	16617064	-0.2	
21	489.8	1435.9	3.7	-0.9	0.8	0.5	-0.2	17895299	-0.6	
21	489.5	1435.8	4.6	0.3	0.8	0.5	-0.1	19034091	-1	
21	489.2	1435.8	3	-0.8	0.7	-0.3	0		-1.2	
21	488.9	1435.7	3.1	-1.1	0.4	0.3	0		-1.2	
21	488.6	1435.6	2.8	-1.5	0.2	-1.7	0		-1.3	
21	488.3	1435.4	4.8	0.5	-0.4	0.1	0.3		-1.2	
21	488	1435.3	1.9	-1.7	-0.8	-2.3	0.5		-1	
21	487.7	1435.4	2.9	0.2	-0.9	-0.3	0.7		-0.8	
21	487.4	1435.5	2.2	-1.4	-0.8	-1.5	0.7		-0.7	
21	487.1	1435.3	3.8	0.2	-1.3	0	1	19386574	-0.2	
21	486.8	1435.3	1.3	-2.3	-1.7	-0.9	1.3	18366228	0.2	
21	486.5	1435.3	0.7	-1.9	-1.4	-1.8	1	17303719	0.3	
21	486.2	1435.3	3.3	0.2	-1.3	0.9	0.9	16617064	0.3	
21	485.9	1435.4	3.3	0.7	-1	0	0.8	15861743	0.3	
21	485.6	1435.4	3.2	0	-1.1	1.3	0.9	15395221	0.4	
21	485.3	1435.4	1.4	-1.1	-0.9	-1	0.7	15062950	0.4	
21	485	1435.3	2.3	0	-0.7	0.6	0.4	14849291	0.4	
21	484.7	1435.5	2.6	-0.2	-0.3	0.2	0.3	15062950	0.5	
21	484.4	1435.6	1.8	-0.6	-0.1	0.5	0.1	15509259	0.5	
21	484.1	1435.7	2.6	0.1	0.1	2.3	0	16617064	0.6	
21	483.8	1435.8	2.6	0.4	0.3	0.5	-0.1	18528761	0.7	
21	483.5	1435.9	2.4	-0.3	0.3	0.5	-0.2		0.7	
21	483.2	1435.9	2.7	-0.2	0.5	0.8	-0.3		0.9	
21	482.9	1435.8	2.6	-0.4	0.5	1.7	-0.4		1	
21	482.6	1435.7	2	-0.7	0.5	0.8	-0.4		1.1	
21	482.3	1435.7	2.1	-0.7	0.4	0.7	-0.4		1.2	
21	482	1435.9	2.3	-0.8	0.3	1.4	-0.2		1.3	
21	481.7	1435.9	1.1	-2.4	0.3	0	-0.2		1.4	
21	481.4	1436	2.2	-1	0.4	1.1	-0.2		1.4	
21	481.1	1436.2	1.9	-0.7	0.5	0.8	-0.2		1.4	
21	480.8	1436.1	2.5	-0.6	0.3	0.8	-0.2		1.3	
21	480.5	1436	2.4	-0.7	0.2	0.8	-0.2		1.2	
21	480.2	1435.9	2.4	-0.8	0.1	1.1	-0.2		1.2	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
21	479.9	1435.9	2.6	-0.5	0	1	-0.1		1	
21	479.6	1436	2.7	-0.3	-0.2	1	0		0.9	
21	479.3	1435.9	2.5	0	-0.4	0.8	0.1		0.8	
21	479	1435.9	2.4	-0.6	-0.6	0.2	0.2		0.7	
21	478.7	1436	2.7	0.1	-0.6	1.2	0.4	19034091	0.6	
21	478.4	1436.1	3.2	0.2	-0.7	0.7	0.6	18049569	0.4	
21	478.1	1436.2	3	-0.8	-0.7	0.8	0.8	18366228	0.3	
21	477.8	1436.2	3.1	0	-0.6	1	0.9	19940476	0.2	
21	477.5	1436.3	3.1	-0.4	-0.6	1.1	1		0.2	
21	477.2	1436.5	3	-0.7	-0.4	0.5	1		0.1	
21	476.9	1436.5	3.9	-0.7	-0.2	1.5	1		-0.3	
21	476.6	1436.5	3.6	0.6	0	1.2	1		-0.5	
21	476.3	1436.3	2.3	-0.8	0.3	-0.7	0.7		-0.5	
21	476	1436.3	3.4	0.6	0.6	0.5	0.6		-0.6	
21	475.7	1436.2	2.7	-2.1	0.9	-0.4	0.2		-0.4	
21	475.4	1436	2.3	0.4	0.9	-0.6	0		0.3	
21	475.1	1435.9	1.7	-1.2	1	-0.3	-0.2		0.9	
21	474.8	1435.7	2.5	0.3	1.1	0.9	-0.6		1.4	
21	474.5	1435.6	1.7	-2.1	1	0.1	-0.8		2.1	
21	474.2	1435.2	1.4	0.1	0.9	0.5	-1.2		2.5	
21	473.9	1434.6	2.3	1.6	0.5	2.4	-1.5		3	
21	473.6	1434.2	1.4	-1.9	0.2	1.6	-1.8		3.2	
21	473.3	1434.1	2.4	-0.9	-0.1	2.9	-1.9		2.9	
21	473	1434.1	3.3	0.1	-0.3	2.9	-1.9		2	
21	472.7	1433.8	2.7	1.3	-0.9	1.6	-1.8		1.2	
21	472.4	1434	3	0.7	-0.9	0.8	-1.5		0.6	
21	472.1	1434.2	3.5	0.9	-0.9	1	-1.3		-0.2	
21	471.8	1434.5	3.2	1.4	-0.7	0.2	-0.9		-0.7	
21	471.5	1434.9	3.5	0.9	-0.5	-0.3	-0.3		-1.1	
21	471.2	1435.3	2.7	0.1	-0.4	-1	0.3		-1.2	
21	470.9	1436	2.2	-0.2	0	-1.7	0.9		-1.2	
21	470.6	1436.5	2.6	-0.1	0.2	-1.5	1.3		-1.1	
21	470.3	1437	2.9	0.3	0.7	-1.2	1.7		-0.7	
21	470	1437.1	3.1	1.1	0.8	-0.8	1.8	19940476	-0.3	
21	469.7	1437.2	3	0.9	1	-0.6	1.8		0.1	
21	469.4	1437.1	3.1	0.8	0.9	0.2	1.7		0.4	
21	469.1	1436.9	3.1	2	0.9	0	1.4		0.5	
21	468.8	1436.5	3.6	1.4	0.7	0.8	1		0.6	
21	468.5	1436.1	3	1.1	0.3	0.7	0.6		0.9	
21	468.2	1435.8	2.6	0.1	0.2	0.6	0.1		1	
21	467.9	1435.4	4.1	1.7	-0.2	2	-0.4		1	
21	467.6	1434.9	4.1	1.7	-0.4	1.7	-0.8		1	
21	467.3	1434.5	4	1.4	-0.8	1.8	-1		0.9	
21	467	1434.4	3.4	0.7	-0.8	1.3	-1.1		0.9	
21	466.7	1434.3	3.8	1.3	-0.8	1.6	-1.1		0.8	
21	466.4	1434.3	4.2	1.8	-0.8	1.5	-0.9	19567757	0.6	
21	466.1	1434.4	4.2	1.5	-0.9	1.8	-0.4	16486221	0.4	
21	465.8	1434.5	3.5	0.3	-1	1.1	0.1	13865894	0.2	
21	465.5	1435	3.3	0.3	-0.8	0	0.7	11631945	0	
21	465.2	1435.2	3.7	0.6	-0.6	0.1	1	9922986	-0.1	
21	464.9	1435.4	3.2	0.1	-0.6	-0.3	1.3	8616255	0	
21	464.6	1435.5	2.9	-0.1	-0.6	0	1.4	7586051	0.2	
21	464.3	1435.6	2.9	-1	-0.8	0.2	1.5	6842320	0.4	
21	464	1435.5	3	-0.6	-0.8	0.5	1.4	6268713	0.6	
21	463.7	1435.3	2.6	0.3	-0.7	-0.1	1	5848464	0.6	
21	463.4	1435	2.6	-0.8	-0.7	0.5	0.7	5539021	0.7	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
21	463.1	1434.8	2.6	-0.1	-0.8	0.6	0.2	5341199	0.7	
21	462.8	1434.8	2.9	0.6	-0.6	0.8	0	5234375	0.7	
21	462.5	1434.9	3	1.3	-0.7	1.2	0	5195410	0.6	
21	462.2	1435	2.8	0.3	-0.7	0.6	0.1	5234375	0.4	
21	461.9	1435.4	2.5	0.8	-0.6	0.3	0.4	5314087	0.3	
21	461.6	1435.5	2.1	0.7	-0.4	-0.7	0.3	5438312	0.2	
21	461.3	1435.6	2.5	0.2	-0.2	0.1	0.3	5613271	0.2	
21	461	1435.6	2.1	0.7	-0.2	-0.5	0.2	5848464	0.2	
21	460.7	1435.7	2.1	-0.3	0.1	-0.2	0.2	6158088	0.2	
21	460.4	1435.6	2	-1.3	-0.1	-0.8	0.1	6502329	0.2	
21	460.1	1435.7	1.7	-1	0	-0.9	0	6842320	0.1	
21	459.8	1435.8	2.4	-0.6	0.2	-0.2	-0.2	7145905	0.1	
21	459.5	1435.6	2.2	-1.3	-0.1	-0.3	-0.5	7424646	0.1	
21	459.2	1435.7	3.1	-0.1	-0.2	0.7	-0.5	7669414	0.2	
21	458.9	1435.7	2.6	-0.9	-0.4	0.2	-0.4	7841760	0.2	
21	458.6	1436.1	3	0.3	-0.2	0.8	0	7900944	0.1	
21	458.3	1436.1	2.4	0.2	-0.3	0	0.1	7841760	-0.1	
21	458	1436.4	3.2	0.6	-0.1	0.8	0.5	7613637	-0.2	
21	457.7	1436.5	2.4	-0.5	-0.2	0.2	0.8	7320804	-0.1	
21	457.4	1436.6	2.5	-0.6	-0.3	-0.1	1.1	6979167	0	
21	457.1	1437.1	2.7	-0.3	0	0.4	1.6	6667994	0.1	
21	456.8	1437.4	3.2	0.1	-0.1	0.6	2.1	6363982	0.1	
21	456.5	1437.4	2.8	-0.3	-0.3	0.7	2.5	6068841	0.3	
21	456.2	1437.1	2.6	-1	-0.7	0.5	2.7	5832173	0.6	
21	455.9	1436.8	2.5	-0.5	-1.2	1.1	3	5705041	0.8	
21	455.6	1436.4	2.3	-0.3	-1.7	0.6	3.1	5705041	1	
21	455.3	1436	2.6	-1.5	-2	1	3.1	5799862	1	
21	455	1435.7	2.8	-1.3	-2.2	1.1	3	5948154	0.8	
21	454.7	1435.3	2.7	-1.3	-2.5	0.8	2.7	6158088	0.4	
21	454.4	1435.1	2.3	-1.1	-2.4	-0.4	2.2	6383384	0.2	
21	454.1	1434.7	2.3	-1.5	-2.4	-0.2	1.6	6604890	0.1	
21	453.8	1434.2	2.5	-1.7	-2.2	-0.2	0.9	6754032	0.1	
21	453.5	1433.9	2	-2.2	-1.9	-0.2	0.2	6710737	0.1	
21	453.2	1433.6	2.3	-1.2	-1.5	-0.3	-0.5	6482198	0.1	
21	452.9	1433.3	2.9	-0.4	-1.1	0.4	-1.1	6068841	0.2	
21	452.6	1433.2	2.5	-1.2	-0.9	0.1	-1.5	5583334	0.5	
21	452.3	1433.1	1.9	-1.3	-0.5	0.2	-1.8	5131741	0.8	
21	452	1433.3	2.6	-0.3	-0.1	1	-1.9	4747733	1	
21	451.7	1433.6	2.5	-0.4	0.3	1.3	-1.8	4454788	0.8	
21	451.4	1434	3	0	0.5	1.5	-1.5	4204318	0.6	
21	451.1	1434.3	2.1	-0.5	0.5	0.4	-1.2	4018714	0.5	
21	450.8	1434.8	3.1	0.5	0.6	0.7	-0.9	3898976	0	
21	450.5	1435.1	2.8	0.2	0.5	0	-0.5	3848806	-0.3	
21	450.2	1435.5	3	0.1	0.2	0.4	0.1	3855894	-0.7	
21	449.9	1435.5	2.4	-0.6	-0.2	-0.6	0.5	3920881	-0.7	
21	449.6	1435.5	2.9	0.1	-0.4	0	0.7	4041989	-0.7	
21	449.3	1435.6	1.7	-0.8	-0.3	-1.9	0.8	4204318	-0.7	
21	449	1435.8	1.7	-0.4	-0.1	-1.8	0.8	4426533	-0.8	
21	448.7	1436.2	2.5	0	0.3	-0.3	0.8	4726298	-0.7	
21	448.4	1436.7	2.6	0.5	0.6	-0.8	0.8	5106708	-0.5	
21	448.1	1437	2	-0.1	0.8	-1	0.9	5524407	-0.2	
21	447.8	1437.3	1.4	-0.6	1.2	-1.8	0.7	6033862	0	
21	447.5	1437.3	2.8	1.1	1.4	0.8	0.6	6584120	0.2	
21	447.2	1437.1	1.9	-0.5	1.5	-0.6	0.4	7195017	0.3	
21	446.9	1436.6	3.2	1	1	1.8	0.4	7871241	0.4	
21	446.6	1436.2	2.5	-0.6	0.4	0.9	0.5	8616255	0.6	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
21	446.3	1436	2.1	-0.5	-0.1	0.6	0.5	9431306	0.6	
21	446	1435.8	2.8	-0.2	-0.6	1	0.4	10314040	0.5	
21	445.7	1435.5	2.9	0.5	-1.1	1.4	0.1	11441257	0.4	
21	445.4	1435.3	3.4	0.2	-1.6	1.9	0.1	12766768	0.4	
21	445.1	1435.1	2	-0.4	-2	0.1	0.1	14439655	0.5	
21	444.8	1434.9	2.8	0.3	-2.2	1.7	0.1	16617064	0.5	
21	444.5	1434.9	1.9	-0.8	-1.9	-0.4	0.2	19386574	0.5	
21	444.2	1434.8	2.7	-0.5	-1.9	1.4	0.4		0.5	
21	443.9	1435	1.8	-1	-1.7	0.5	0.7		0.5	
21	443.6	1435.4	2	-0.6	-1.4	0.5	1.2		0.5	
21	443.3	1435.9	1.9	-0.6	-1.2	0	1.8		0.4	
21	443	1436.4	2.5	0.2	-1	-0.1	2.4		0.4	
21	442.7	1436.7	2.1	-0.5	-1	0.8	3		0.7	
21	442.4	1436.9	1.4	-1.4	-1	-0.6	3.3		0.9	
21	442.1	1436.7	2.3	-0.4	-1.2	0.4	3.4		1	
21	441.8	1436.4	1.1	-1.2	-1.4	-1	3.3		1	
21	441.5	1436	1.6	-0.7	-1.8	0	3.1		1.1	
21	441.2	1435.5	1.2	-1.3	-2	-0.9	2.6		1	
21	440.9	1435	1.8	-0.2	-2	-0.4	1.8		0.9	
21	440.6	1434.6	2.6	0.3	-1.9	0.3	0.9	19208716	0.7	
21	440.3	1434.3	2.1	-0.8	-1.6	-0.5	0	18694197	0.2	
21	440	1434.3	3	0.5	-1.1	0.3	-0.9	19208716	-0.4	
21	439.7	1434.1	4	2.1	-0.5	0.4	-1.8		-0.9	
21	439.4	1434.2	3.4	0.8	0.2	-0.2	-2.5		-1.3	
21	439.1	1434.5	3.6	1.1	1	-0.5	-3		-1.6	
21	438.8	1434.4	4.3	1.3	1.4	0.1	-3.4		-2	
21	438.5	1434.5	4.4	2.3	1.6	-0.2	-3.3		-2.1	
21	438.2	1434.8	3.5	0.4	1.8	-1.9	-3		-2	
21	437.9	1435.1	3.6	0.8	2	-1.2	-2.7		-1.5	
21	437.6	1435.7	3.2	0.2	2.2	-1.7	-2.1		-1.4	
21	437.3	1436.1	3.2	0.8	2.2	-2.1	-1.6		-1.4	
21	437	1436.6	3.6	0.7	1.9	-1.4	-0.9		-1.3	
21	436.7	1437	3.3	1.6	1.6	-1.5	-0.2		-1.2	
21	436.4	1437.2	3.2	1.5	1.4	-1.7	0.4	19386574	-0.9	
21	436.1	1437.4	3.2	0.7	1.3	-1.4	0.8	17022358	-0.7	
21	435.8	1437.3	4.1	1.5	1.1	0	1	15062950	-0.5	
21	435.5	1437.2	4.5	2.5	0.9	0.8	1.2	13508065	-0.2	
21	435.2	1436.9	4.1	2.7	0.4	0.4	1.2	12389053	0.2	
21	434.9	1436.9	3.9	1.1	0.4	1.4	1.1	11504121	0.7	
21	434.6	1437	4	2.1	0.5	1.5	0.9	10682398	1.1	
21	434.3	1436.8	3.6	0.4	0.4	1.3	0.5	9922986	1.5	
21	434	1436.5	3.7	1.2	0.4	1.8	0.1	9264381	1.8	
21	433.7	1436.1	3.4	1.3	0.1	1.5	-0.3	8760460	2.1	
21	433.4	1435.6	3.8	1	0	1.9	-0.7	8375000	2.2	
21	433.1	1435.2	3.3	0.4	-0.2	1.3	-1	8178711	2.3	
21	432.8	1434.9	4.6	1.2	-0.1	2.7	-1.1	8178711	2.2	
21	432.5	1434.6	3.3	1.3	-0.4	1.2	-1.1	8408635	2.2	
21	432.2	1434.7	3.7	0.9	-0.2	1.5	-1	8986052	1.6	
21	431.9	1434.8	4.4	2.5	0	1.8	-0.8	9970238	1	
21	431.6	1434.9	4.2	1.5	0.2	0.9	-0.8	11567680	0.3	
21	431.3	1435.3	4.7	2.9	0.7	1.5	-0.5	14146960	-0.1	
21	431	1435.4	4	2	0.8	0.5	-0.3	18528761	-0.2	
21	430.7	1435.5	4.1	2.2	1	0.8	-0.2		-0.6	
21	430.4	1435.4	4.1	1.6	1	0.2	-0.2		-1	
21	430.1	1435.2	4.7	2.6	0.8	1.3	-0.2		-1.5	
21	429.8	1434.8	3.7	2.3	0.2	0.2	-0.2		-1.5	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
21	429.5	1434.5	3.7	1.4	-0.2	-0.1	-0.3		-1.4	
21	429.2	1434.4	3.5	2.4	-0.5	-0.5	-0.2		-1.2	
21	428.9	1434.2	2.8	1.2	-0.9	-1	-0.2		-1	
21	428.6	1434.2	2.9	1.7	-1.1	-0.7	-0.1		-0.5	
21	428.3	1434.2	2.1	0.3	-1.3	-1	0.1		0.2	
21	428	1434.3	1.3	-1.3	-1.4	-0.9	0.5		1	
21	427.7	1434.6	0.6	-1.5	-1.5	-1.2	1	16105769	1.7	
21	427.4	1434.9	0.3	-2.7	-1.5	-0.8	1.4	13335987	2	
21	427.1	1435.2	0.5	-3.5	-1.5	-1.2	1.8	11631945	2	
21	426.8	1435.3	1.4	-2	-1.6	0.4	2	10521357	1.9	
21	426.5	1435.4	1	-2.6	-1.7	0.3	2	9829812	1.8	
21	426.2	1435.4	2.2	-2.1	-1.8	1.2	2	9305556	1.6	
21	425.9	1435.4	2.6	-1.8	-1.9	1.7	2	8986052	1.6	
21	425.6	1435.1	2.2	-1.3	-1.9	1.8	1.7	8797269	1.4	
21	425.3	1435	2.4	-1.2	-1.8	2.9	1.5	8760460	1.2	
21	425	1435.1	2.5	-0.7	-1.8	3	1.4	8760460	1.1	
21	424.7	1435.2	3.6	0.4	-1.7	3.5	1.5	8797269	1	
21	424.4	1435.4	2.4	-1.2	-1.4	1.2	1.7	8834388	1.3	
21	424.1	1435.9	2.2	-1.1	-0.7	2.3	1.9	8834388	1.4	
21	423.8	1436.2	2.3	-0.9	-0.3	1.1	2	8797269	1.3	
21	423.5	1436.4	2.9	-0.3	-0.2	2.1	2.3	8723959	1.3	
21	423.2	1436.4	2.3	-1.8	0.1	0.5	2.4	8616255	1.3	
21	422.9	1436.1	0.9	-3.6	-0.1	-0.9	2.4	8511179	1.4	
21	422.6	1436	1	-3.1	-0.1	-0.9	2.3	8442541	1.4	
21	422.3	1435.5	1.7	-2.2	-0.2	-1.6	1.7	8408635	1.1	
21	422	1434.8	3.6	-0.4	-0.5	0.5	1.1	8442541	0.8	
21	421.7	1434.1	1.7	-1.9	-0.8	-1.2	0.4	8580943	0.5	
21	421.4	1433.6	2.9	-0.8	-1	0.4	-0.2	8723959	0.2	
21	421.1	1433.2	1.7	-1.7	-0.9	-1.1	-0.9	8947650	-0.2	
21	420.8	1432.7	4.1	0.3	-0.9	1	-1.7	9305556	-0.5	
21	420.5	1432.6	4	0.7	-0.7	1.8	-2.2	9829812	-0.7	
21	420.2	1432.5	4.1	-0.5	-0.8	1.9	-2.4	10468750	-0.8	
21	419.9	1432.8	5.2	1.9	-0.6	2.4	-2.4	11256721	-1	
21	419.6	1433	5.4	1.7	-0.3	1.3	-2.2	12172965	-1	
21	419.3	1433.1	4.7	0.3	-0.2	1.7	-2	13251582	-0.6	
21	419	1433.4	3.1	-1.1	-0.2	0.5	-1.5	14641608	0	
21	418.7	1433.7	2.2	-2.5	0	-0.1	-1.3	16357422	0.4	
21	418.4	1434.3	3	-1	0.4	0.7	-0.7	18528761	0.6	
21	418.1	1434.9	2.2	-1.9	0.4	-0.8	-0.1		0.6	
21	417.8	1435.5	1.9	-2.2	0.7	-1.1	0.3		0.7	
21	417.5	1436	1.9	-2.8	0.8	-1.5	0.6		0.7	
21	417.2	1436.2	2.7	-1	0.8	-0.8	0.7		0.6	
21	416.9	1436.5	3.1	-0.6	0.6	-0.5	1		0.3	
21	416.6	1436.6	2.4	-1.1	0.4	-0.2	1.2		0.1	
21	416.3	1436.8	3.8	1	0.1	1.2	1.6		0	
21	416	1436.6	1.7	-1.2	-0.4	-1.2	1.6		-0.2	
21	415.7	1436.5	3.3	1.2	-0.6	0.6	1.5	-1.8E+07	-0.3	
21	415.4	1436.4	3.3	2	-0.7	0.8	1.3	-1.5E+07	-0.2	
21	415.1	1436.5	3	2.4	-0.6	0.5	1.2	-1.3E+07	-0.1	
21	414.8	1436.5	2.9	2.6	-0.4	0.2	1	-1.2E+07	0	
21	414.5	1436.7	3.2	2.7	0	0.5	0.8	-1.1E+07	0.1	
21	414.2	1436.6	2.2	0.8	0.1	0.1	0.5	-1E+07	0.3	
21	413.9	1436.6	2.9	1.9	0.3	0.1	0.2	-9970238	0.4	
21	413.6	1436.5	2.5	0.3	0.5	0.7	-0.1	-9517046	0.6	
21	413.3	1436.3	2.6	0	0.7	0.5	-0.4	-8986052	0.8	
21	413	1436	2.7	0.5	0.8	0	-0.7	-8476721	0.9	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
21	412.7	1435.7	2.8	0.4	0.7	0.7	-0.9	-7961027	1	
21	412.4	1435.5	2.7	0.2	0.7	0.5	-1	-7477679	1.1	
21	412.1	1435.4	2.6	-1	0.6	0.2	-1.1	-7073480	1.2	
21	411.8	1435.4	2.5	0.1	0.9	1	-1.2	-6710737	1.3	
21	411.5	1435.5	2.7	0.5	1.1	0.5	-1.2	-6402905	1.3	
21	411.2	1435.6	3.1	0.8	1.1	1.6	-1.1	-6176254	1.3	
21	410.9	1435.6	2.4	-0.5	1.2	0	-1.2	-6086483	1.2	
21	410.6	1435.4	4	1.7	1.4	2	-1.4	-6231399	1.2	
21	410.3	1435.2	3.3	2.4	1.5	1	-1.5	-6584120	1.1	
21	410	1435.1	3.6	2.6	1.6	1.2	-1.6	-7145905	1	
21	409.7	1435	4.1	2.4	1.6	1.5	-1.6	-7991412	1	
21	409.4	1434.8	3.4	-0.2	1.6	0.7	-1.7	-9264381	0.9	
21	409.1	1434.7	4.2	2.5	1.5	1.8	-1.7	-1.1E+07	0.8	
21	408.8	1434.8	3.2	0.3	1.6	0	-1.7	-1.5E+07	0.6	
21	408.5	1434.8	4.7	3	1.5	1.9	-1.6		0.5	
21	408.2	1434.7	3.7	-0.4	1.5	-0.1	-1.6		0.4	
21	407.9	1434.7	3.9	-0.1	1.3	0.8	-1.5		0.4	
21	407.6	1434.7	4.2	0.1	1.2	0.6	-1.4		0.4	
21	407.3	1434.5	4.6	-0.6	0.7	0.6	-1.2		0.4	
21	407	1434.4	4.7	-0.7	0.4	0.7	-1.1		0.4	
21	406.7	1434.2	3.8	-0.9	0.2	0	-1.1		0.6	
21	406.4	1434.2	4.5	1.4	0	1.5	-1		0.6	
21	406.1	1434.2	4.2	2	-0.2	0.4	-0.8		0.6	
21	405.8	1434.3	4.5	1.5	-0.2	1.1	-0.6		0.6	
21	405.5	1434.5	3.8	1.6	-0.2	0.8	-0.5		0.5	
21	405.2	1434.8	4.4	2.5	0	1.2	-0.4		0.4	
21	404.9	1435.1	4.6	2.7	0.2	0.6	-0.2		0.1	
21	404.6	1435.3	5.4	2.7	0.4	1.2	0.1		-0.3	
21	404.3	1435.5	4.7	1.6	0.4	0.7	0.6		-0.5	
21	404	1435.6	4.1	1.7	0.6	-0.2	0.9		-0.9	
21	403.7	1435.6	4.2	0.4	0.6	-0.4	1		-1.1	
21	403.4	1435.6	4.3	2.6	0.5	-0.5	1		-1.2	
21	403.1	1435.7	3.1	-0.2	0.2	-1.4	1		-0.6	
21	402.8	1435.7	2.9	-0.4	0	-1.5	0.8	19940476	-0.3	
21	402.5	1435.8	3.7	0.7	-0.1	-0.3	0.6	19940476	0.1	
21	402.2	1435.3	3.1	0.2	-0.4	-1.3	0.1	19752359	0.8	
21	401.9	1434.7	3.3	0.1	-0.7	-0.1	-0.5	19208716	1.6	
21	401.6	1434.1	2.3	0.1	-0.9	0.2	-1.1	18206522	2.3	
21	401.3	1433.8	2.9	0	-0.9	1.2	-1.4	17022358	2.6	
21	401	1433.9	2.8	0.3	-0.8	1.2	-1.4	15861743	2.5	
21	400.7	1434.4	3.9	1.3	-1	2.6	-0.9	14439655	2	
21	400.4	1435	3.9	1.2	-0.9	1.9	-0.4	12924383	1.6	
21	400.1	1435.6	3.6	0.8	-0.8	0.9	0.1	11441257	1	
21	399.8	1435.9	4.9	2.2	-0.9	2	0.7	10114734	0.4	
21	399.5	1436.3	5.2	2.6	-0.9	1.4	1.4	8986052	-0.1	
21	399.2	1436.5	4.8	2.3	-1	1.2	2.1	8052885	-0.5	
21	398.9	1436.6	4.3	1.6	-1.2	0.4	2.6	7295296	-0.7	
21	398.6	1436.7	3.9	0.8	-1.4	0.2	3	6667994	-0.8	
21	398.3	1436.9	3.6	1.2	-1.5	-0.3	3.2	6176254	-0.7	
21	398	1436.9	4.2	0.2	-1.8	0.6	3.2	5767907	-0.6	
21	397.7	1436.9	3.7	0.4	-2.1	0.1	3.2	5438312	-0.4	
21	397.4	1436.9	3.4	-0.2	-1.9	-0.7	2.9	5157020	-0.3	
21	397.1	1436.8	4.2	0.1	-2.1	0.3	2.8	4938090	-0.2	
21	396.8	1436.7	3.8	0.4	-2.1	-0.2	2.6	4747733	-0.2	
21	396.5	1436.6	3.6	-0.6	-2.1	0	2.5	4571507	0	
21	396.2	1436.3	3	-0.2	-2.3	-0.5	2.3	4407895	0.1	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
21	395.9	1436.1	2.5	-2.2	-2.3	-0.4	2.1	4264257	0.3	
21	395.6	1436	2.2	-1.5	-2.1	-0.8	1.9	4129685	0.5	
21	395.3	1436	2.9	-1	-1.9	0.2	1.7	3995706	0.6	
21	395	1435.8	2.8	-1.4	-1.8	0.6	1.5	3877315	0.9	
21	394.7	1435.9	2.2	-2.4	-1.5	-0.6	1.3	3779333	1.1	
21	394.4	1435.9	2.8	-1.9	-1.2	0.9	1	3705753	1.2	
21	394.1	1435.9	3	-0.8	-1	0.5	0.6	3666813	1.3	
21	393.8	1435.8	3.2	-1.3	-0.8	1.3	0.3	3641305	1.4	
21	393.5	1435.7	2.8	-1.4	-0.4	0.9	0	3609914	1.5	
21	393.2	1435.6	2.8	-1.7	-0.2	1.8	-0.4	3579060	1.6	
21	392.9	1435.5	3	-0.8	-0.1	1.5	-0.6	3542725	1.6	
21	392.6	1435.4	2.8	-1.6	0	1.2	-0.9	3495409	1.5	
21	392.3	1435.3	3.7	-0.9	-0.1	2.3	-0.9	3438014	1.4	
21	392	1435.6	2.4	-3	0	0.6	-0.8	3355369	1.4	
21	391.7	1436	3.9	-0.8	0.1	1.9	-0.6	3251165	1.2	
21	391.4	1436.3	3.6	-0.5	0.3	1.2	-0.4	3139056	1.1	
21	391.1	1436.2	4.3	0.1	0	1.8	-0.2	3030029	1	
21	390.8	1436.4	3	-1.3	0.1	0.5	0.1	2940661	1.1	
21	390.5	1436.4	3.4	0.3	0	0.9	0.3	2887932	1.2	
21	390.2	1436.7	3.4	0.5	0.1	0.9	0.6	2868151	1.2	
21	389.9	1436.8	3.5	-0.2	0.2	0.5	0.8	2872086	1.3	
21	389.6	1436.9	3.7	0.6	0	1.2	1	2907987	1.4	
21	389.3	1437	3.4	0.1	0	0.2	1	2982550	1.4	
21	389	1437	3.9	1.6	-0.2	1	1	3097264	1.3	
21	388.7	1437	4.3	1.4	-0.2	0.4	1	3246125	1.1	
21	388.4	1436.9	4.5	1.7	-0.4	1	0.9	3421161	1	
21	388.1	1436.8	4.4	0.5	-0.5	0.9	0.8	3622405	0.9	
21	387.8	1436.6	4.7	0.8	-1	0.9	0.7	3848806	0.6	
21	387.5	1436.4	5	1.4	-1.2	1	0.7	4105393	0.3	
21	387.2	1436.1	5.4	0.5	-1.4	0.8	0.6	4352911	-0.1	
21	386.9	1436.1	5.3	0.1	-1.5	0.8	0.6	4611784	-0.2	
21	386.6	1436.1	4.9	0.1	-1.4	-0.1	0.6	4880536	-0.6	
21	386.3	1436.2	5.6	1.3	-1.4	0	0.7	5157020	-1	
21	386	1436.4	6	2.1	-1.3	0.3	0.8	5410207	-1.4	
21	385.7	1436.7	5.5	1.9	-1.1	0	1	5643531	-1.5	
21	385.4	1437	5.5	1.3	-1	-0.5	1.2	5864846	-1.5	
21	385.1	1437	5.2	1.5	-0.9	-1.1	1.2	6068841	-1.5	
21	384.8	1436.9	5.3	1.9	-0.9	-0.6	1.2	6268713	-1.2	
21	384.5	1436.9	5.2	1	-1	-0.5	1.2	6442308	-0.9	
21	384.2	1436.8	4.9	1.1	-1.2	-0.2	1.2	6522586	-0.4	
21	383.9	1436.8	4.9	1.3	-1.3	0.2	1.3	6502329	0.4	
21	383.6	1436.9	4.1	1.1	-1.3	-0.1	1.5	6422546	1.2	
21	383.3	1436.9	3.7	1.2	-1.5	0.5	1.5	6268713	1.6	
21	383	1437.1	4.4	2.2	-1.5	1	1.6	6016523	1.6	
21	382.7	1437.1	4.6	1.7	-1.5	1	1.6	5752061	1.4	
21	382.4	1437.2	4.1	1.3	-1.3	0.1	1.6	5438312	1.2	
21	382.1	1437.4	4.3	2.1	-1.1	0.7	1.6	5157020	0.8	
21	381.8	1437.5	4.6	1.8	-0.8	0.5	1.5	4903396	0.5	
21	381.5	1437.3	4.6	1.6	-0.7	0	1.2	4705057	0	
21	381.2	1437.1	4.8	1.6	-0.7	0	1	4551631	-0.2	
21	380.9	1437.1	4.1	1.3	-0.4	-0.6	0.7	4435911	-0.5	
21	380.6	1437	4.5	1.7	-0.4	-0.6	0.4	4361980	-0.6	
21	380.3	1437	4.8	1.8	0	-0.5	0.1	4325930	-0.6	
21	380	1436.9	5.2	2.4	0	0	0	4325930	-0.4	
21	379.7	1436.8	3.6	-0.1	0.1	-1.3	-0.2	4352911	-0.1	
21	379.4	1436.7	4.4	2	0.2	-0.4	-0.4	4407895	0	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
21	379.1	1436.7	4.4	0.5	0.5	-0.2	-0.5	4493026	0	
21	378.8	1436.7	5.1	1.5	0.6	0.1	-0.5	4591557	-0.1	
21	378.5	1436.8	4.7	0.4	0.6	0	-0.3	4715653	-0.1	
21	378.2	1436.8	4.7	1.7	0.5	0.2	-0.2	4835451	-0.1	
21	377.9	1436.7	4.8	1.4	0.5	-0.2	-0.2	4973278	-0.2	
21	377.6	1436.5	5.5	2.1	0.4	0.3	-0.2	5119193	-0.2	
21	377.3	1436.4	5.2	1.7	0.2	1.1	0	5287248	-0.1	
21	377	1436.3	5	1.3	0.1	0	0.1	5452474	0.1	
21	376.7	1436.2	4.6	1.2	0	-0.2	0.1	5613271	0.2	
21	376.4	1436.1	4.9	1	-0.2	-0.1	0.2	5767907	0.4	
21	376.1	1436	5.1	0.8	-0.5	0.7	0.4	5914548	0.6	
21	375.8	1436	4.3	-0.2	-0.6	0.1	0.5	6051301	1	
21	375.5	1435.9	4.9	0.5	-0.8	0.7	0.5	6212908	1.2	
21	375.2	1435.7	4.8	0.1	-0.8	0.6	0.5	6363982	1.5	
21	374.9	1435.6	4.4	-0.6	-0.7	0.2	0.4	6462192	1.5	
21	374.6	1435.6	5.9	0.5	-0.6	2.2	0.4	6522586	1.4	
21	374.3	1435.6	5.6	0.3	-0.8	1.8	0.6	6563480	1.2	
21	374	1435.5	5.8	0.9	-0.7	1.6	0.7	6563480	1	
21	373.7	1435.4	5.4	-0.2	-0.7	0.9	0.7	6563480	0.7	
21	373.4	1435.5	5.8	-0.2	-0.6	1.2	0.8	6584120	0.2	
21	373.1	1435.6	6	0.5	-0.6	0.9	1	6584120	-0.3	
21	372.8	1435.4	6	0.5	-0.7	0.5	1	6604890	-0.7	
21	372.5	1435.4	6.1	0.9	-0.8	0.7	1.2	6646826	-0.8	
21	372.2	1435.3	5.2	-0.1	-0.9	-0.9	1.2	6710737	-0.8	
21	371.9	1435.3	5.5	0.3	-1	-0.4	1.3	6775890	-0.9	
21	371.6	1434.9	5.5	0.6	-1.3	-0.3	1.2	6864754	-0.9	
21	371.3	1434.8	5.4	0.5	-1.2	-0.2	1.1	6910066	-0.8	
21	371	1434.6	5.2	1.1	-1.4	-0.4	1	6910066	-0.6	
21	370.7	1434.6	4.7	1	-1.4	-0.9	0.9	6864754	-0.4	
21	370.4	1434.4	4.8	0.4	-1.4	-0.5	0.7	6775890	-0.2	
21	370.1	1434.3	4.9	0.3	-1.4	-0.2	0.6	6646826	0.2	
21	369.8	1434.4	4.7	0.6	-1.2	0.3	0.5	6542969	0.4	
21	369.5	1434.4	4.5	0.2	-1.1	0.3	0.4	6442308	0.8	
21	369.2	1434.4	4	-0.6	-0.6	-0.2	0.1	6344697	0.9	
21	368.9	1434.4	4.3	-0.3	-0.3	0	0	6268713	1	
21	368.6	1434.5	4.3	-0.5	0.2	0.4	-0.2	6212908	1	
21	368.3	1434.7	4.3	0.2	0.4	0.8	-0.2	6231399	1	
21	368	1434.7	4.2	-0.3	0.7	0.1	-0.4	6268713	0.9	
21	367.7	1434.8	4.5	-0.3	0.8	-0.2	-0.5	6306476	0.8	
21	367.4	1434.8	4.5	-0.7	0.7	-0.5	-0.6	6325529	0.8	
21	367.1	1434.8	4.6	1	0.6	0	-0.6	6344697	0.7	
21	366.8	1434.8	4.7	0.3	0.5	0.3	-0.5	6325529	0.8	
21	366.5	1434.6	5.1	0.7	0	1	-0.4	6250000	0.9	
21	366.2	1434.4	4.7	-0.4	-0.5	0.8	-0.2	6158088	1.4	
21	365.9	1434.4	4.3	-0.4	-0.8	1	0	6086483	1.7	
21	365.6	1434.4	5.2	0.5	-1	2.1	0.1	6016523	2	
21	365.3	1434.7	6.1	1.3	-1.1	3	0.4	5948154	2	
21	365	1435	6.8	1.3	-1.1	3.6	0.7	5914548	2	
21	364.7	1435.2	6.2	1	-1.1	2.6	0.9	5864846	1.6	
21	364.4	1435.3	6.4	1.4	-1.2	2.6	1	5832173	1.2	
21	364.1	1435.6	5.7	1.1	-0.9	1.2	1.2	5815972	0.7	
21	363.8	1435.7	6.4	1.5	-0.9	1.8	1.3	5799862	0.2	
21	363.5	1435.8	5.6	0.5	-1	0.5	1.4	5783840	-0.3	
21	363.2	1435.9	6	1.7	-1	0.5	1.5	5736302	-0.7	
21	362.9	1436	5.8	0.9	-1	-0.7	1.5	5674120	-1	
21	362.6	1436.1	6	1.2	-0.9	-0.9	1.4	5583334	-1.4	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
21	362.3	1436.1	5.9	1.5	-0.8	-1.2	1.3	5509869	-1.3	
21	362	1436.2	5.4	-0.5	-0.6	-1.5	1.3	5424223	-1.2	
21	361.7	1436.1	5.3	-0.3	-0.7	-0.9	1.1	5354860	-1	
21	361.4	1436.2	4.9	-0.9	-0.5	-1.8	1	5287248	-1	
21	361.1	1436.4	5.4	0	-0.4	-0.8	1	5221322	-1	
21	360.8	1436.4	4.4	-1.4	-0.3	-1.7	0.9	5157020	-0.6	
21	360.5	1436.3	4.8	-1.2	-0.3	-0.7	0.8	5069613	-0.5	
21	360.2	1436.2	4.3	-1.7	-0.4	-1.3	0.7	4973278	-0.5	
21	359.9	1436	5.4	-0.7	-0.6	-0.4	0.5	4880536	-0.5	
21	359.6	1435.8	5	-0.2	-0.6	-0.5	0.3	4802179	-0.4	
21	359.3	1435.7	4.7	-0.8	-0.6	-0.6	0.1	4747733	-0.4	
21	359	1435.6	4.9	-0.6	-0.6	0.1	-0.1	4684005	-0.3	
21	358.7	1435.7	4.8	-0.6	-0.7	-0.4	-0.2	4642462	-0.2	
21	358.4	1435.6	5	-0.2	-0.6	0.4	-0.4	4611784	-0.1	
21	358.1	1435.7	4.3	-0.4	-0.6	-0.3	-0.4	4621965	0.1	
21	357.8	1435.8	4.3	-0.5	-0.4	0.1	-0.4	4652778	0.3	
21	357.5	1436.1	4.6	-0.3	0	0	-0.3	4715653	0.3	
21	357.2	1436	4.9	0.2	-0.2	0.5	-0.1	4780251	0.4	
21	356.9	1436.3	4.5	0	-0.1	0.4	0.2	4857889	0.6	
21	356.6	1436.5	4.1	0.1	-0.2	0.2	0.5	4949764	0.7	
21	356.3	1436.8	4.6	0.3	-0.1	0.8	0.7	5045181	0.7	
21	356	1436.9	4.7	0.4	0	1.1	0.8	5144349	0.6	
21	355.7	1437	4.7	0.4	0.1	0.7	0.9	5247494	0.6	
21	355.4	1437	4.7	0.5	0	1.5	0.9	5341199	0.6	
21	355.1	1436.9	4.4	-0.1	-0.1	0.9	0.7	5452474	0.4	
21	354.8	1436.9	4.7	0.2	-0.1	1.2	0.7	5583334	0.4	
21	354.5	1436.7	4.8	0.2	-0.3	0.7	0.6	5720629	0.3	
21	354.2	1436.7	4.3	-0.4	-0.5	0.9	0.7	5864846	0.3	
21	353.9	1436.6	4.3	-0.8	-0.9	0.7	0.8	6033862	0.3	
21	353.6	1436.5	3.5	-1.2	-1	-0.5	0.8	6212908	0.3	
21	353.3	1436.4	5	0.7	-1.4	0.9	1.1	6422546	0.3	
21	353	1436.4	3.3	-1.9	-1.7	-1	1.4	6667994	0.3	
21	352.7	1436.5	3.3	-2.8	-1.7	-0.3	1.6	6887336	0.4	
21	352.4	1436.6	2.9	-3.9	-1.7	-1.2	1.7	7049664	0.4	
21	352.1	1436.6	4.4	-1.8	-1.6	0.2	1.8	7195017	0.4	
21	351.8	1436.6	3.3	-3.1	-1.5	-0.5	1.8	7320804	0.4	
21	351.5	1436.6	3.2	-2.5	-1.4	-0.9	1.7	7372359	0.4	
21	351.2	1436.5	3.9	-2.5	-1.3	0.3	1.6	7372359	0.3	
21	350.9	1436.4	4.2	-1.4	-1.1	-0.3	1.5	7398410	0.1	
21	350.6	1436.4	4.5	-1.5	-1.1	0.4	1.6	7398410	-0.2	
21	350.3	1436.3	3.7	-2.1	-1.1	-0.5	1.5	7424646	-0.4	
21	350	1436.3	4.3	-1.7	-1	-0.4	1.4	7477679	-0.7	
21	349.7	1436.1	4.5	-1.4	-1	-1.4	1.2	7531475	-0.9	
21	349.4	1436	4.1	-1.3	-0.7	-1.5	0.9	7586051	-0.8	
21	349.1	1435.9	4.7	-0.6	-0.7	-0.5	0.7	7641424	-0.4	
21	348.8	1435.8	4.4	-0.5	-0.4	-0.8	0.4	7669414	-0.1	
21	348.5	1435.6	4.3	-1.1	-0.5	-0.4	0.1	7669414	0.3	
21	348.2	1435.4	4.5	0.1	-0.4	-0.3	-0.3	7613637	0.6	
21	347.9	1435.4	4.4	-0.4	-0.2	0.6	-0.7	7558664	0.9	
21	347.6	1435.2	5.2	0.9	-0.1	1.6	-1.1	7504480	1.2	
21	347.3	1435.2	5.7	0.3	0	2.2	-1.2	7477679	1.3	
21	347	1435.1	6.3	1.3	-0.1	3.1	-1.3	7477679	1.3	
21	346.7	1435.1	6.4	1.7	0	2.4	-1.3	7531475	0.6	
21	346.4	1435.2	6.3	1.4	0	2	-1.2	7641424	0	
21	346.1	1435.6	5.9	1.1	0.3	0.9	-1	7812500	-0.6	
21	345.8	1435.9	6.4	1.4	0.8	0.6	-0.8	8022031	-1.1	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
21	345.5	1436.2	5.7	1.4	1.1	-0.1	-0.6	8275692	-1.4	
21	345.2	1436.5	5.3	1	1.4	-1	-0.4	8545919	-1.5	
21	344.9	1436.7	5.1	0.5	1.4	-1.3	-0.2	8760460	-1.5	
21	344.6	1437	4.9	0	1.7	-1.8	0	8986052	-1.1	
21	344.3	1437	4.5	0	1.5	-1.1	0.1	9183114	-0.2	
21	344	1437.1	4.3	0.2	1.3	-0.3	0.2	9431306	0.8	
21	343.7	1437	4.6	0	0.7	1.1	0.3	9693287	1.4	
21	343.4	1436.4	4.9	0.2	-0.1	1.4	0.3	9970238	1.9	
21	343.1	1436	4.5	-0.2	-0.7	1.7	0.3	10365099	2.3	
21	342.8	1435.8	4.5	-0.2	-1.1	2.2	0.5	10962042	2.5	
21	342.5	1435.8	4.2	-0.2	-1.3	2.1	0.7	11762641	2.6	
21	342.2	1435.6	5	0.3	-1.4	3	0.7	12766768	2.6	
21	341.9	1435.7	4.5	-0.3	-1.3	2.6	0.8	13958333	2.4	
21	341.6	1436	4.6	0.3	-0.9	2.6	0.9	15395221	2.2	
21	341.3	1436.4	4	-0.3	-0.5	1.7	1	16750000	2	
21	341	1436.5	4.5	1	0.1	2	0.9	18049569	1.7	
21	340.7	1436.6	4.6	-0.4	0.4	1.7	0.9	19386574	1.4	
21	340.4	1436.4	4.2	0.9	0.5	1.1	0.7		1.1	
21	340.1	1436.1	4.3	1	0.4	1.2	0.5		1	
21	339.8	1435.7	4.3	1.4	0.4	0.8	0.3		1	
21	339.5	1435.3	4.1	-0.3	0	0.9	0.1		1	
21	339.2	1434.9	4.1	0.8	-0.4	0.8	-0.1		1	
21	338.9	1434.7	4	0.8	-0.8	1.1	-0.2		1.1	
21	338.6	1434.7	3.5	-0.4	-0.8	0.2	-0.2		1.1	
21	338.3	1434.6	4.1	-0.1	-1	0.6	-0.2		1.2	
21	338	1434.5	3.9	-0.6	-1	0.5	-0.2		1.2	
21	337.7	1434.5	4.1	0.4	-0.8	0.4	-0.2		1.2	
21	337.4	1434.5	4	-0.3	-0.4	0.2	-0.2		1.3	
21	337.1	1434.6	4	-0.5	-0.1	0.1	-0.1		1.3	
21	336.8	1434.8	4	-0.1	0.4	-0.1	0		1.3	
21	336.5	1435	4	-0.7	0.6	-0.1	0.1		1.3	
21	336.2	1435	4.3	-0.1	0.6	0	0.1	19940476	1.2	
21	335.9	1435.1	4.8	0.5	0.6	0.4	0.1	17895299	1.2	
21	335.6	1435	5	0.5	0.4	0.4	0.1	16105769	1	
21	335.3	1434.9	5.6	1.2	0.2	1	0.1	14539931	0.9	
21	335	1434.5	6	0.8	-0.3	1.2	0.1	13085938	0.8	
21	334.7	1434.3	6.4	0.7	-0.6	1.6	0.1	11964286	0.6	
21	334.4	1434	6.7	0.4	-1	1.9	0.1	11136968	0.4	
21	334.1	1433.9	6.9	0.5	-1.1	1.7	0.1	10468750	0.1	
21	333.8	1434	7.4	1.1	-1.1	2.1	0.2	10017943	-0.1	
21	333.5	1434.2	7.2	1.3	-0.9	1.5	0.2	9693287	-0.2	
21	333.2	1434.6	7.2	0.8	-0.5	1.3	0.3	9431306	-0.3	
21	332.9	1434.7	7	1.3	-0.4	0.6	0.3	9223568	-0.5	
21	332.6	1435	7.3	2	0.2	0.4	0.3	9143013	-0.5	
21	332.3	1435	6.9	1.8	0.2	-0.1	0.3	9143013	-0.4	
21	332	1435.1	6.5	1.6	0.4	-0.2	0.4	9143013	-0.2	
21	331.7	1434.9	6.7	2.2	0.2	0.2	0.4	9183114	0.2	
21	331.4	1434.9	6.2	1.9	-0.1	0	0.6	9223568	0.8	
21	331.1	1434.8	6.2	1.6	-0.4	0.9	0.7	9305556	1.4	
21	330.8	1434.6	6.2	1.3	-0.7	1.2	0.7	9389014	1.9	
21	330.5	1434.7	6.3	1.8	-0.7	1.5	0.7	9473982	1.8	
21	330.2	1434.6	6.8	2.3	-0.8	1.8	0.6	9473982	1.5	
21	329.9	1434.8	6.8	2.6	-0.5	1.6	0.6	9347098	1	
21	329.6	1434.7	6.4	1.4	-0.5	1	0.4	9063853	0.4	
21	329.3	1434.6	6.5	2	-0.4	0.4	0.2	8723959	-0.2	
21	329	1434.7	6.7	2.1	-0.1	0.4	0.1	8308532	-0.6	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
21	328.7	1434.7	6.3	2.3	0	-0.5	-0.1	7841760	-1	
21	328.4	1434.6	6.5	2	0	-0.4	-0.2	7424646	-1.2	
21	328.1	1434.6	6.1	1.5	0	-0.5	-0.2	7026007	-1	
21	327.8	1434.5	5.7	1.5	-0.1	-0.9	-0.3	6667994	-0.7	
21	327.5	1434.3	5.5	1.2	-0.4	-0.8	-0.5	6344697	-0.2	
21	327.2	1434.5	5.1	0.8	-0.3	-0.4	-0.4	6033862	0.3	
21	326.9	1434.6	5.2	1.1	-0.3	0.2	-0.3	5783840	0.8	
21	326.6	1434.6	5.2	1.1	-0.5	0.7	-0.2	5568484	1.2	
21	326.3	1434.8	5.3	1.3	-0.5	1	0	5382391	1.5	
21	326	1434.9	5.2	1.7	-0.6	1.1	0.2	5208334	1.8	
21	325.7	1435	5	0.9	-0.8	1.4	0.5	5045181	2	
21	325.4	1435.2	5	1.1	-0.8	1.6	0.8	4891940	2	
21	325.1	1435.6	5.3	1.2	-0.8	2	1.2	4747733	2	
21	324.8	1435.7	5.3	1.3	-1	1.8	1.3	4621965	1.7	
21	324.5	1435.8	5.2	1.2	-1.1	1.5	1.3	4512393	1.6	
21	324.2	1436	4.8	0.8	-1	0.9	1.3	4417194	1.4	
21	323.9	1435.9	5.2	1.2	-1.1	0.9	1.1	4343880	1	
21	323.6	1435.9	5.4	1.1	-1	0.7	1	4299282	0.6	
21	323.3	1436	5	0.2	-0.8	0.2	0.9	4272960	0.3	
21	323	1436	5.2	0.2	-0.8	0.3	0.8	4272960	0.1	
21	322.7	1436.1	5.2	-0.4	-0.7	0.2	0.7	4290472	0.1	
21	322.4	1436.3	5.3	-0.7	-0.4	-0.2	0.7	4334886	0	
21	322.1	1436.6	5.5	-0.9	0.1	0.4	0.7	4389413	-0.2	
21	321.8	1436.7	5.5	-1.2	0.1	0.5	0.7	4464286	-0.2	
21	321.5	1436.9	5.3	-1.6	0.2	0.2	0.8	4551631	-0.2	
21	321.2	1436.9	5.4	-2	0.2	-0.7	0.8	4663141	-0.1	
21	320.9	1436.8	5.2	-2	0.1	0.6	0.7	4802179	0.1	
21	320.6	1436.7	5	-2.2	0	-0.4	0.7	4938090	0.3	
21	320.3	1436.5	4.9	-2.1	-0.2	0.1	0.7	5057367	0.4	
21	320	1436.3	5.8	-1.5	-0.7	1	0.8	5144349	0.4	
21	319.7	1435.9	4.7	-2.2	-1.3	-0.2	1	5221322	0.6	
21	319.4	1435.8	4.8	-1.7	-1.5	0.8	1	5260679	0.7	
21	319.1	1436	4.7	-2	-1.5	-0.2	1.1	5247494	0.6	
21	318.8	1435.9	6.7	0.5	-2	2.2	1.3	5208334	0.6	
21	318.5	1436	4.4	-1.8	-1.8	-0.5	1.3	5144349	0.7	
21	318.2	1436.1	6.3	0.1	-1.9	1.7	1.4	5081918	0.7	
21	317.9	1436	5.2	-1.1	-2	0.7	1.4	5045181	0.8	
21	317.6	1436	5.2	-1.6	-1.9	0.1	1.4	4997017	0.8	
21	317.3	1435.8	5.5	-1.3	-1.9	1.5	1.5	4938090	1.3	
21	317	1435.9	3.9	-2.5	-1.6	-0.3	1.4	4914906	1.2	
21	316.7	1436	5.7	-0.8	-1.6	1.9	1.4	4903396	1.1	
21	316.4	1436.2	4.8	-1.9	-1.2	-0.5	1.4	4903396	0.9	
21	316.1	1436.3	6.1	-0.2	-1.1	1.7	1.4	4926471	0.6	
21	315.8	1436.4	5.6	-0.9	-0.8	-0.1	1.4	4961493	0.4	
21	315.5	1436.6	5.7	-0.4	-0.4	0.2	1.4	5020984	-0.2	
21	315.2	1436.6	6	0.3	-0.2	0	1.4	5094283	-0.7	
21	314.9	1436.5	5.9	0.4	0	-0.7	1.3	5195410	-0.8	
21	314.6	1436.4	6	0.9	0	0.5	1.2	5300633	-0.7	
21	314.3	1436.3	5.2	0	0.1	-1.5	1.1	5382391	-0.6	
21	314	1436.1	5.7	0.5	0	0.5	0.9	5452474	-0.4	
21	313.7	1435.9	5.6	0.3	-0.1	-0.5	0.7	5466710	-0.1	
21	313.4	1435.5	5.9	0.7	-0.3	1.3	0.5	5466710	0.8	
21	313.1	1435.2	5.3	0.3	-0.5	1.1	0.3	5452474	1.5	
21	312.8	1434.9	5.5	0.5	-0.8	2.1	0.1	5452474	2.1	
21	312.5	1434.6	6.2	0.9	-0.8	3	-0.2	5452474	2.4	
21	312.2	1434.5	5.8	0.5	-0.8	2.9	-0.3	5466710	2.5	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
21	311.9	1434.3	6.6	1.4	-1.1	4.1	-0.4	5509869	2.5	
21	311.6	1434.3	4.8	0	-0.9	1.7	-0.5	5568484	2	
21	311.3	1434.3	5.8	0.6	-0.9	2.7	-0.5	5643531	1.5	
21	311	1434.2	5.3	-0.1	-0.6	0.9	-0.6	5705041	0.7	
21	310.7	1434.2	5.8	0.8	-0.5	1.5	-0.5	5752061	0.2	
21	310.4	1434.5	5	-0.2	-0.1	-0.1	-0.3	5767907	-0.4	
21	310.1	1434.7	5.3	0.1	0	-0.4	-0.1	5767907	-1	
21	309.8	1434.9	4.9	-0.4	0.2	-0.8	0	5767907	-1.2	
21	309.5	1435.2	4.9	-0.6	0.6	-1.5	0.1	5815972	-1.2	
21	309.2	1435.3	4.6	-0.9	0.4	-0.8	0.3	5864846	-0.8	
21	308.9	1435.5	3.6	-1.7	0.4	-2	0.4	5965100	-0.5	
21	308.6	1435.4	4.3	-1.1	0.3	0	0.4	6122076	0	
21	308.3	1435.3	3.7	-1.5	0.2	-1.3	0.3	6325529	0.6	
21	308	1435	4	-1	-0.1	0.1	0.1	6584120	1.3	
21	307.7	1435	3.2	-1.7	-0.3	-0.4	0.1	6887336	1.9	
21	307.4	1434.9	3.3	-2.5	-0.5	0.5	0	7219828	2.2	
21	307.1	1434.8	3.8	-0.9	-0.5	1.1	-0.2	7586051	2.4	
21	306.8	1434.9	4.3	-0.5	-0.6	1.6	-0.2	7961027	2.5	
21	306.5	1435	4.4	-0.3	-0.7	2.4	-0.2	8341634	2.7	
21	306.2	1435.2	3.3	-3.4	-0.5	0.8	-0.2	8760460	2.7	
21	305.9	1435.4	5.5	1.1	-0.4	3.1	-0.1	9143013	2.5	
21	305.6	1435.5	5.4	-0.9	-0.3	2.2	0	9431306	1.9	
21	305.3	1435.6	5.8	0.6	-0.4	2.6	0.2	9648618	1.5	
21	305	1435.8	5.1	-0.1	-0.2	0.9	0.4	9693287	1.1	
21	304.7	1435.9	5.4	-0.1	-0.2	0.8	0.5	9560502	0.6	
21	304.4	1436.1	5.9	2	-0.1	0.4	0.7	9223568	0.1	
21	304.1	1436.3	5.9	0.2	0.1	-0.1	0.8	8723959	-0.4	
21	303.8	1436.4	6.2	1.4	-0.1	0.5	1	8052885	-0.7	
21	303.5	1436.5	6.1	0	-0.1	-1	1	7346491	-0.8	
21	303.2	1436.6	6.3	0.7	-0.2	-0.4	1	6667994	-0.8	
21	302.9	1436.5	6.2	0.5	-0.1	-1.2	0.8	6086483	-0.8	
21	302.6	1436.4	7.3	1.3	-0.3	0.2	0.7	5598262	-0.8	
21	302.3	1436.3	6.7	0.8	-0.3	-0.8	0.6	5208334	-0.7	
21	302	1436.1	6.9	0.9	-0.4	-0.2	0.4	4903396	-0.7	
21	301.7	1435.8	6.9	1.7	-0.6	-0.5	0.3	4673549	-0.6	
21	301.4	1435.8	6.7	1	-0.6	-0.5	0.3	4522139	-0.5	
21	301.1	1435.9	7.1	1.5	-0.6	0	0.4	4435911	-0.3	
21	300.8	1436	6.3	0.4	-0.4	-0.5	0.4	4398635	-0.2	
21	300.5	1436.1	7.5	2.2	-0.5	1	0.6	4398635	-0.2	
21	300.2	1436.2	7.5	2	-0.4	0.2	0.7	4445329	-0.2	
21	299.9	1436.2	8.2	2	-0.5	1.1	0.8	4522139	-0.2	
21	299.6	1436.1	7	1.2	-0.4	-0.7	0.7	4621965	-0.2	
21	299.3	1435.9	7.7	1.1	-0.5	1	0.7	4726298	-0.1	
21	299	1435.8	7.2	2.4	-0.4	0.2	0.5	4846644	-0.2	
21	298.7	1435.6	7.6	1.8	-0.6	0.9	0.4	4973278	-0.1	
21	298.4	1435.5	7	1.7	-0.4	0.8	0.2	5081918	0	
21	298.1	1435.5	6.4	0.6	-0.4	0.1	0.1	5182550	0	
21	297.8	1435.5	7	2	-0.2	0.2	0	5247494	0	
21	297.5	1435.6	7.1	1.8	-0.2	0.5	0	5300633	-0.1	
21	297.2	1435.6	8.1	3.2	-0.2	1.5	0.1	5327608	-0.1	
21	296.9	1435.6	6.4	1.5	-0.1	-0.5	0.1	5327608	-0.1	
21	296.6	1435.6	6.8	2.2	-0.4	1	0.2	5327608	0.2	
21	296.3	1435.6	6	2.4	-0.7	-0.2	0.2	5327608	0.6	
21	296	1435.4	6	1.7	-1.3	1.4	0.4	5314087	1.3	
21	295.7	1435.5	5.1	1.4	-1.7	1.2	0.7	5300633	1.9	
21	295.4	1435.2	6	2	-2.2	2.4	0.9	5287248	2.3	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
21	295.1	1435.3	4.7	1.5	-2.7	1.4	1.3	5273930	2.9	
21	294.8	1435.3	6	2.7	-2.8	2.3	1.6	5273930	3	
21	294.5	1435.4	6	2.2	-3.1	3.2	2	5247494	3.1	
21	294.2	1435.9	4.8	0.5	-2.9	1.5	2.4	5234375	2.5	
21	293.9	1436.6	6.1	1.7	-2.6	2.6	2.9	5221322	1.7	
21	293.6	1437.1	4.9	1.6	-2.4	0.2	3.2	5234375	1.1	
21	293.3	1437.5	5.1	-0.4	-2.1	0.4	3.4	5247494	0.6	
21	293	1437.6	4.8	-0.6	-1.7	-0.7	3.3	5273930	0.3	
21	292.7	1437.8	5.3	-0.5	-1.3	0.5	3.1	5300633	0	
21	292.4	1437.5	5.3	0.2	-1.1	-0.8	2.6	5341199	-0.2	
21	292.1	1437.4	5.4	0	-0.8	-0.9	2.2	5410207	-0.4	
21	291.8	1437.2	4.8	-1.1	-0.6	-0.9	1.7	5481021	-0.4	
21	291.5	1437.1	4.5	-1.4	-0.4	-1.5	1	5553714	-0.3	
21	291.2	1437.1	5.5	-0.7	-0.1	0.2	0.4	5643531	-0.2	
21	290.9	1437	5.5	-0.6	0.2	-0.4	-0.2	5752061	-0.2	
21	290.6	1436.8	5.6	-0.7	0.2	0.5	-0.5	5864846	0.2	
21	290.3	1436.8	4.9	-1.3	0.4	-0.8	-0.8	6016523	0.4	
21	290	1436.8	5.7	-1.6	0.7	0.7	-0.9	6212908	0.5	
21	289.7	1436.6	5.9	-0.8	0.7	0.5	-1	6442308	0.6	
21	289.4	1436.4	5.8	-1.1	0.4	1	-0.9	6689297	0.7	
21	289.1	1436.4	5.4	-1.5	0.4	0.5	-0.8	6979167	0.8	
21	288.8	1436.4	5.3	-1.4	0.3	-0.4	-0.7	7295296	0.7	
21	288.5	1436.5	6.4	-0.7	0.2	0.8	-0.5	7641424	0.6	
21	288.2	1436.6	5.9	-0.4	0.3	0.2	-0.5	8022031	0.4	
21	287.9	1436.5	6.8	-0.7	0.1	1.4	-0.4	8442541	0.3	
21	287.6	1436.6	5.8	-1.7	0.1	-0.5	-0.3	8871822	0.2	
21	287.3	1436.5	6.7	-1.5	0	0.8	-0.2	9347098	0.1	
21	287	1436.5	6.1	-0.9	0.1	0.3	-0.2	9922986	0	
21	286.7	1436.5	6.8	-0.9	0.1	0.8	-0.2	10574495	-0.1	
21	286.4	1436.4	7.2	0	0	1.2	-0.2	11317568	-0.3	
21	286.1	1436.5	6.9	-0.7	0.1	-0.1	-0.1	12033046	-0.4	
21	285.8	1436.7	6.6	-0.4	0.1	0.4	0	12766768	-0.4	
21	285.5	1436.8	6.6	0.2	0.2	-0.4	0.1	13508065	-0.5	
21	285.2	1436.9	7.3	0.3	0	1	0.3	14340754	-0.5	
21	284.9	1436.8	6.2	-0.9	0	-0.6	0.4	15509259	-0.2	
21	284.6	1436.9	5.8	-2.3	-0.1	-0.3	0.7	17022358	-0.2	
21	284.3	1436.9	6.4	0	-0.1	0.2	0.8	19034091	-0.1	
21	284	1436.9	6.1	-0.7	-0.1	-0.5	0.9		-0.1	
21	283.7	1436.6	6.8	0.8	-0.4	0.8	0.9		0	
21	283.4	1436.6	5.8	-0.2	-0.4	-0.4	0.9		0.1	
21	283.1	1436.5	6.2	1.1	-0.4	0.4	0.8		0.1	
21	282.8	1436.6	5.9	-0.1	-0.1	-0.3	0.6		0.2	
21	282.5	1436.4	6.5	1.8	0	0.9	0.4		0.2	
21	282.2	1436.1	5.7	-0.3	0	0.2	0.1		0.3	
21	281.9	1435.9	5.3	-0.7	0.1	-0.3	-0.1		0.3	
21	281.6	1435.7	5.7	0.9	0.1	0.5	-0.2	-1.9E+07	0.3	
21	281.3	1435.7	5.2	-0.9	0.5	-0.7	-0.3	-1.6E+07	0.1	
21	281	1435.4	6	1.1	0.2	0.8	-0.3	-1.4E+07	0	
21	280.7	1435.4	5.2	0.1	0.3	-0.1	-0.3	-1.3E+07	-0.2	
21	280.4	1435.3	5.6	0.8	0.2	0.3	-0.3	-1.2E+07	-0.3	
21	280.1	1435.2	5.4	0.1	0.2	-0.2	-0.4	-1.1E+07	-0.3	
21	279.8	1435.1	5.7	0.4	0.2	0.6	-0.4	-1.1E+07	-0.4	
21	279.5	1434.9	5.4	0	0.1	0.2	-0.5	-1.1E+07	-0.5	
21	279.2	1434.7	4.8	0	0	-0.2	-0.6	-1E+07	-0.5	
21	278.9	1434.5	5.1	0.6	-0.2	-0.3	-0.8	-1.1E+07	-0.5	
21	278.6	1434.4	4.7	-0.8	-0.3	-0.5	-0.9	-1.1E+07	-0.2	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
21	278.3	1434.3	4	-1.5	-0.5	-0.3	-1.1	-1.1E+07	0.6	
21	278	1434.3	4.1	-1.5	-0.5	0	-1.2	-1.2E+07	1.2	
21	277.7	1434.4	4.2	-0.7	-0.5	0.8	-1.2	-1.4E+07	1.8	
21	277.4	1434.6	3.7	-2	-0.2	0.5	-1.2	-1.6E+07	2.3	
21	277.1	1434.7	4	-1.9	0	1.6	-1.2	-1.8E+07	2.9	
21	276.8	1434.9	3.3	-2.5	0.3	1	-1.2		3.4	
21	276.5	1435.3	4.6	-0.8	0.7	2.5	-1.1		3.5	
21	276.2	1435.8	4	-1.3	1.3	1.9	-0.9		3.3	
21	275.9	1436.4	4.6	-1.8	1.6	2.3	-0.6		2.5	
21	275.6	1436.8	4.9	-1	1.7	1.8	-0.2		1.9	
21	275.3	1436.9	4.9	-1.9	1.7	0.9	0	-1.9E+07	1.3	
21	275	1436.9	5.3	-0.5	1.5	1.2	0.2	-1.5E+07	0.7	
21	274.7	1437	5.2	-1.5	1.6	0.2	0.4	-1.3E+07	0.1	
21	274.4	1436.9	6.7	0.6	1.1	1.7	0.7	-1E+07	-0.5	
21	274.1	1436.9	6.1	-0.7	0.8	0	0.9	-8580943	-0.8	
21	273.8	1436.5	6.1	-1.1	0.2	0.4	1	-7398410	-0.8	
21	273.5	1436.4	5.7	-1.2	-0.1	0.3	0.9	-6563480	-0.6	
21	273.2	1436.2	6	-0.6	-0.2	0.2	0.7	-5965100	-0.7	
21	272.9	1436	6.5	-0.1	-0.2	0.9	0.5	-5553714	-0.4	
21	272.6	1435.7	5.9	-1.4	-0.1	0.2	0.2	-5260679	-0.4	
21	272.3	1435.4	6.2	0	-0.2	1	-0.1	-5069613	-0.2	
21	272	1435.2	5.7	-0.1	0	-0.2	-0.5	-4985119	-0.2	
21	271.7	1435	6	-0.4	0	0.3	-0.8	-4973278	0	
21	271.4	1434.8	5.9	-0.2	0.2	-0.1	-1.1	-4997017	0.1	
21	271.1	1434.7	5.1	-1.7	0.2	-0.1	-1.4	-5081918	0.2	
21	270.8	1434.7	5.4	-0.4	0.4	0.1	-1.6	-5195410	0.3	
21	270.5	1434.6	5.6	-0.6	0.4	0	-1.8	-5300633	0.4	
21	270.2	1434.4	5.3	-0.6	0.2	0	-1.8	-5382391	0.9	
21	269.9	1434.4	4.8	-1.7	0.2	0.1	-1.7	-5438312	1.2	
21	269.6	1434.5	4.7	-1	0.2	0.6	-1.5	-5424223	1.6	
21	269.3	1434.8	5.3	0	0.4	0.9	-1.1	-5354860	1.6	
21	269	1434.9	6	0.3	0.3	1.8	-0.6	-5247494	1.6	
21	268.7	1435.4	5.2	0	0.5	1.4	0	-5094283	1.6	
21	268.4	1435.6	5.2	-0.8	0.5	1.5	0.4	-4880536	1.4	
21	268.1	1436	5.4	0.2	0.7	1.1	0.8	-4652778	0.8	
21	267.8	1436.2	6.5	0.9	0.7	2.1	1.3	-4454788	0.2	
21	267.5	1436.4	5.7	0.3	0.7	1.1	1.6	-4281698	-0.4	
21	267.2	1436.3	5.7	0	0.5	1.4	1.6	-4154266	-0.8	
21	266.9	1436.1	6.1	0.7	0.3	1.3	1.5	-4057655	-1.2	
21	266.6	1435.6	5.8	1	0.2	0.3	1	-3995706	-1.5	
21	266.3	1435.1	5.7	0.6	-0.1	0.5	0.4	-3965436	-1.1	
21	266	1434.6	4.8	0.1	-0.2	-0.1	-0.3	-3957940	-0.7	
21	265.7	1434.4	4.7	0.7	0	0.3	-1	-3965436	-0.1	
21	265.4	1434.1	3.9	-0.2	-0.1	-0.5	-1.6	-3965436	0.7	
21	265.1	1433.8	3.6	-0.6	0.1	0.1	-2.3	-3957940	1.7	
21	264.8	1433.9	2.3	-1.4	0.3	-0.6	-2.6	-3943032	2.7	
21	264.5	1433.7	2	-2	0.5	-0.2	-3.1	-3920881	3.3	
21	264.2	1434	2.1	-1.2	0.9	-0.2	-3.2	-3870148	3.7	
21	263.9	1434.2	3	-1.6	1	1.2	-3	-3806819	3.8	
21	263.6	1434.5	3.2	-0.8	1.2	1	-2.7	-3725534	3.8	
21	263.3	1434.9	3.2	-1.4	1.3	1.5	-2.3	-3654014	3.8	
21	263	1435.4	3.8	-1.1	1.3	2.3	-1.8	-3585189	3.5	
21	262.7	1435.7	4.8	-0.1	1.4	2.3	-1.5	-3518908	2.8	
21	262.4	1436.1	5.5	0.2	1.3	3.2	-1.1	-3460744	2.3	
21	262.1	1436.6	4.9	-0.3	1.4	1.6	-0.6	-3415580	1.9	
21	261.8	1437	6.2	-0.5	1.2	1.6	-0.2	-3387945	1.2	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
21	261.5	1437.2	5.6	-0.5	1.2	0.3	0	-3382472	0.7	
21	261.2	1437.4	7.1	1	0.9	0.1	0.4	-3393436	0.2	
21	260.9	1437.5	6.2	0.5	0.9	-1.2	0.6	-3410017	-0.2	
21	260.6	1437.7	6.1	0.1	1.1	-2.2	0.5	-3432378	-0.6	
21	260.3	1437.8	7.1	0.6	1.1	-2.1	0.3	-3449341	-0.8	
21	260	1437.9	7	1.1	1.2	-2.6	0	-3466474	-1	
21	259.7	1438	8.5	2.3	1.3	-0.6	-0.5	-3477990	-1.2	
21	259.4	1438	9.5	3.8	1.5	-0.3	-1	-3477990	-1	
21	259.1	1437.9	9	3	1.5	-0.5	-1.4	-3449341	-0.9	
21	258.8	1437.6	11.3	5.4	1.7	1.5	-2	-3393436	-0.9	
21	258.5	1437.1	11.3	6.2	1.7	2.5	-2.7	-3312896	-0.8	
21	258.2	1436.9	11.5	6.1	2	2.3	-3.2	-3226118	-1	
21	257.9	1437.1	11.9	6.3	2.1	2.4	-3.2	-3134357	-1.8	
21	257.6	1437.3	11.6	6.3	2.3	1.5	-3.1	-3034421	-2.5	
21	257.3	1437.7	11	6.2	2.4	-0.1	-2.7	-2940661	-3	
21	257	1438	11.4	6.7	2.5	-0.8	-2.4	-2856413	-3.6	
21	256.7	1438.3	11.6	6.3	2.6	-0.8	-2	-2787950	-4.3	
21	256.4	1438.4	10.6	4.6	2.5	-3	-1.5	-2744103	-4.3	
21	256.1	1438.6	9.9	4.7	2.7	-3.1	-1	-2729792	-3.9	
21	255.8	1438.5	10.3	5.1	2.2	-2.8	-0.5	-2740511	-3.7	
21	255.5	1438.5	8.3	2.9	2	-4	-0.2	-2776857	-2.8	
21	255.2	1438.4	8.2	1.7	1.8	-2.3	-0.1	-2837060	-1.5	
21	254.9	1438.1	7.7	2	1.2	-1.2	0	-2928322	-0.2	
21	254.6	1437.9	7.6	1.9	0.8	-0.2	0.1	-3038825	1	
21	254.3	1437.5	7.3	1.2	0.4	1	0	-3177163	2.3	
21	254	1437.2	7.3	1.5	0	2.7	0	-3328697	3.5	
21	253.7	1436.8	6.9	1.2	-0.3	3.7	-0.2	-3466474	4.5	
21	253.4	1436.7	7.4	2.6	-0.3	4.5	-0.2	-3585189	4.9	
21	253.1	1436.3	7.1	2.4	-0.6	5.2	-0.4	-3673246	5	
21	252.8	1436.1	6.4	2.5	-0.4	4.9	-0.6	-3732175	5.1	
21	252.5	1436.1	6.4	2.8	0	5.1	-0.8	-3772523	5	
21	252.2	1436	6.2	3.9	0.1	4.6	-0.9	-3793026	4.9	
21	251.9	1435.9	5.7	3.7	0.3	4.1	-1	-3793026	4.4	
21	251.6	1436	5.7	3.6	0.5	3.6	-0.9	-3779333	3.7	
21	251.3	1436	5.5	2.5	0.7	2.7	-0.9	-3772523	2.8	
21	251	1435.9	5.3	2.1	0.7	1.2	-1.1	-3752241	2	
21	250.7	1436	5.6	2.4	1.1	0.8	-1.2	-3718917	1.4	
21	250.4	1435.7	5.1	1.3	1.2	0.5	-1.5	-3692681	0.8	
21	250.1	1435.7	5	0.2	1.2	-0.3	-1.5	-3673246	0.3	
21	249.8	1435.7	5.3	-0.2	1.1	-0.4	-1.5	-3660403	0	
21	249.5	1435.7	4.6	-0.3	1.3	-1	-1.5	-3673246	0	
21	249.2	1435.6	4.2	-2	1.3	-1.5	-1.6	-3712323	-0.1	
21	248.9	1435.7	4.4	-1.2	1.4	-1	-1.6	-3772523	-0.1	
21	248.6	1435.8	4.7	-2.4	1.4	-0.6	-1.5	-3891729	-0.1	
21	248.3	1435.9	5.2	-1	1.4	-0.5	-1.3	-4081384	-0.1	
21	248	1435.8	4.5	-1.6	1.3	-1	-1.1	-4361980	0	
21	247.7	1435.8	4.9	-2.2	1.1	-0.4	-0.9	-4715653	0	
21	247.4	1436.1	5.3	-1.7	1	-0.5	-0.6	-5157020	-0.2	
21	247.1	1435.9	5.5	-3	0.7	0	-0.5	-5628360	-0.3	
21	246.8	1435.8	5.5	-4	0.5	0.2	-0.3	-6140030	-0.2	
21	246.5	1435.7	5.2	-3.8	0.2	-0.1	-0.2	-6646826	-0.2	
21	246.2	1435.8	5.1	-6.2	0	-0.3	0	-7026007	-0.2	
21	245.9	1435.7	5.7	-5.6	-0.2	-0.6	0	-7219828	-0.4	
21	245.6	1435.5	5.8	-5.7	-0.4	0.1	0	-7170377	-0.5	
21	245.3	1435.5	5.6	-6.3	-0.4	-0.4	0	-6932947	-0.5	
21	245	1435.7	5.9	-5.7	-0.4	0	0	-6625791	-0.6	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
21	244.7	1435.7	5.9	-5.1	-0.3	-0.2	0	-6325529	-0.6	
21	244.4	1435.7	6	-5.4	-0.2	-0.3	-0.1	-6051301	-0.7	
21	244.1	1435.8	5.9	-5.7	0	-0.3	-0.2	-5864846	-0.6	
21	243.8	1435.9	5.7	-4.9	0.2	-0.3	-0.5	-5767907	-0.6	
21	243.5	1436	6.6	-3.3	0.6	0.5	-0.7	-5799862	-0.6	
21	243.2	1436	6	-4.3	1.1	-0.2	-0.9	-5948154	-0.5	
21	242.9	1436	6.1	-2.2	1.2	0.3	-0.9	-6287538	-0.1	
21	242.6	1436.1	5.3	-2.9	1.4	-0.1	-0.9	-6864754	0.5	
21	242.3	1436.2	5.5	-2.2	1.6	0.7	-0.8	-7697610	1	
21	242	1436.3	5.7	-1.9	1.6	1	-0.6	-8760460	1.3	
21	241.7	1436.3	6.1	-1.2	1.6	2.1	-0.4	-1E+07	1.5	
21	241.4	1436.5	5.7	-1.6	1.5	2.1	-0.1	-1.1E+07	2.1	
21	241.1	1436.5	5.3	-1.6	1.2	1.9	0.1	-1.3E+07	2.5	
21	240.8	1436.2	5.6	-1.8	0.8	2.6	0.1	-1.4E+07	2.8	
21	240.5	1435.8	5.8	-1.3	0.1	2.5	0.1	-1.6E+07	2.7	
21	240.2	1435.5	6	-0.4	-0.4	2.7	0	-1.7E+07	2.3	
21	239.9	1435.2	5.8	-0.6	-0.8	1.9	-0.2	-1.8E+07	1.7	
21	239.6	1434.8	6.1	-0.1	-1.2	1.8	-0.3	-2E+07	1.2	
21	239.3	1434.4	5.1	-0.6	-1.5	0	-0.4		0.7	
21	239	1434.3	5.7	0	-1.5	0.5	-0.5		0.3	
21	238.7	1434.5	5.3	-0.2	-1.4	0	-0.3		0	
21	238.4	1434.7	5.7	0.4	-1	0	-0.2		-0.4	
21	238.1	1435.2	5.9	0.3	-0.5	-0.1	0.1		-0.6	
21	237.8	1435.7	5.9	0.8	-0.2	-0.2	0.4		-0.6	
21	237.5	1436.1	5.6	0.6	0.1	-0.8	0.7		-0.3	
21	237.2	1436.2	5.3	0	0.4	-0.9	0.7		0.1	
21	236.9	1436.2	5.6	1	0.7	0.5	0.7	18049569	0.4	
21	236.6	1436.1	5.4	1.2	0.7	-0.1	0.6	16617064	0.6	
21	236.3	1435.8	5.4	1	0.7	0.3	0.2	16230620	0.7	
21	236	1435.6	5	0.3	0.7	0.1	-0.2	16617064	0.9	
21	235.7	1435.4	5	-0.2	0.7	0.1	-0.7	17303719	1	
21	235.4	1435.5	5	0.5	0.8	0.1	-1.2	18049569	1	
21	235.1	1435.5	6.5	1.6	0.7	2.1	-1.5	18862613	1	
21	234.8	1435.4	6.5	1.2	0.3	1.8	-1.5	19208716	1	
21	234.5	1435.3	5.8	0.3	0.2	1	-1.4	19208716	1	
21	234.2	1435.3	6.5	1	0.1	2.4	-1.1	18694197	1	
21	233.9	1435.3	6.4	1.2	-0.1	1.8	-0.6	17594538	1	
21	233.6	1435.4	5.9	0.8	-0.3	1.2	0	15982825	1	
21	233.3	1435.6	6	0.3	-0.5	1.5	0.7	14146960	1	
21	233	1436.1	5.9	0.1	-0.8	1.7	1.5	12537425	0.9	
21	232.7	1436.6	5.2	-0.4	-0.9	0	2.2	11196524	0.8	
21	232.4	1436.9	6.1	0.2	-0.9	0.5	2.5	9970238	0.7	
21	232.1	1436.8	6.1	0.2	-0.9	0.6	2.4	8909575	0.7	
21	231.8	1436.5	4.8	-1.2	-1	-0.9	2	7961027	0.7	
21	231.5	1436.3	5.8	-0.1	-1.1	0.3	1.6	7145905	0.5	
21	231.2	1435.8	6.4	0.7	-1.1	1.1	1	6482198	0.4	
21	230.9	1435.4	6	-0.6	-1.1	0.6	0.6	5965100	0.3	
21	230.6	1435.2	5.3	-0.7	-1	0	0.1	5553714	0.2	
21	230.3	1435.1	5.4	-0.7	-0.8	0.4	-0.4	5221322	-0.1	
21	230	1435.1	6	0.7	-0.8	0.3	-0.6	4973278	-0.3	
21	229.7	1435.4	6.6	1.1	-0.5	0.8	-0.5	4791190	-0.5	
21	229.4	1435.7	6.3	0.6	-0.5	1.3	0	4652778	-0.3	
21	229.1	1436.2	5.6	-0.5	-0.6	0.1	0.7	4551631	-0.3	
21	228.8	1436.4	5.5	-0.2	-0.5	-0.2	1.2	4464286	-0.2	
21	228.5	1436.3	5.4	0.1	-0.5	-0.4	1.5	4398635	-0.1	
21	228.2	1436.1	5.1	-0.5	-0.7	0.2	1.7	4317011	0.2	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
21	227.9	1436.1	4.7	-1.1	-0.8	0	1.8	4229798	0.4	
21	227.6	1436.1	4.7	-1.3	-0.8	-0.1	1.8	4146040	0.6	
21	227.3	1436.1	4.6	-1.2	-0.8	-0.6	1.6	4065534	0.7	
21	227	1436	4.6	-1.5	-0.8	-0.4	1.2	3972961	0.7	
21	226.7	1435.9	4.6	-0.5	-0.8	-0.3	0.7	3884509	0.7	
21	226.4	1435.6	4.6	-1.1	-0.8	0	0.1	3793026	0.7	
21	226.1	1435.2	5.5	0.2	-0.8	0.6	-0.3	3679702	0.7	
21	225.8	1435	5	-0.7	-0.8	-0.1	-0.5	3560800	0.7	
21	225.5	1435	4.8	-1.1	-0.8	-0.1	-0.5	3432378	0.7	
21	225.2	1435	4.8	-1.1	-0.7	-0.2	-0.5	3297245	0.5	
21	224.9	1435.3	5.3	-0.3	-0.7	0	-0.2	3157994	0.2	
21	224.6	1435.5	5.2	-0.1	-0.8	-0.5	0	3025651	0.1	
21	224.3	1435.7	5.6	0	-1	0	0.2	2899931	0.4	
21	224	1436.1	5.1	-0.3	-0.9	0	0.5	2791667	0.9	
21	223.7	1436.4	5.9	0.5	-0.8	1.2	0.7	2705104	1.1	
21	223.4	1436.5	6.6	1.6	-1	2.1	1	2640291	1.2	
21	223.1	1436.4	6.5	1.5	-1.2	2.3	1	2597705	1.6	
21	222.8	1436.3	6.4	1.4	-1.3	2.8	1.1	2581690	1.9	
21	222.5	1436.3	6.3	-0.2	-1.8	2.5	1.4	2588072	2	
21	222.2	1436.6	7.1	0.6	-1.7	3.1	1.7	2610661	1.7	
21	221.9	1437.1	7.5	1.7	-1.7	2.6	2.2	2640291	0.9	
21	221.6	1437.4	7.3	0.8	-1.8	2.3	2.6	2663805	0.3	
21	221.3	1437.8	6.1	-0.3	-1.7	0.2	2.9	2677430	-0.1	
21	221	1438	6.5	0.6	-1.6	-0.2	2.9	2674011	-0.5	
21	220.7	1438.1	6.8	0.8	-1.3	-0.2	2.7	2657044	-0.8	
21	220.4	1438	6.2	0.3	-1.2	-1	2.5	2620464	-0.9	
21	220.1	1438	6.3	1.1	-0.8	-1	2	2562730	-1	
21	219.8	1437.6	6.3	0.2	-0.9	-1.1	1.4	2486640	-1	
21	219.5	1437.4	6	-0.1	-1	-1.4	1	2409379	-0.7	
21	219.2	1437	5.5	0.7	-1	-1.5	0.6	2342003	-0.2	
21	218.9	1436.8	5.8	0	-1.1	-0.2	0.4	2288252	0.2	
21	218.6	1436.8	5.8	-0.6	-1.1	0.3	0.4	2246514	0.7	
21	218.3	1437	6	0	-1.1	0.6	0.7	2213267	1	
21	218	1437.2	6.2	0.9	-1.1	1.4	1.1	2183265	1.2	
21	217.7	1437.4	6.3	0.9	-1.2	1.5	1.4	2158506	1.2	
21	217.4	1437.6	5.7	-0.3	-1	0.7	1.7	2140849	1.3	
21	217.1	1437.6	5.9	-0.7	-1.1	1.1	1.9	2125635	1.1	
21	216.8	1437.4	6.4	0.1	-1.2	1.7	1.9	2108510	0.9	
21	216.5	1437.2	6.4	0.8	-1.4	1.2	1.9	2083334	0.6	
21	216.2	1437	5.9	0.4	-1.5	0.6	1.9	2042684	0.4	
21	215.9	1436.7	5.9	0.5	-1.7	0.4	1.7	1990257	0.3	
21	215.6	1436.5	5.8	0.7	-1.8	0.3	1.5	1935075	0.3	
21	215.3	1436.4	5.8	1.1	-1.8	-0.1	1.3	1882870	0.2	
21	215	1436.3	6.4	1.7	-1.9	0.9	1.3	1828603	0.1	
21	214.7	1436.3	5.9	1.3	-2	0.3	1.4	1778888	0.1	
21	214.4	1436.4	5.8	1.2	-2.1	0	1.6	1730373	0.2	
21	214.1	1436.5	5.8	1.2	-2	0.1	1.7	1687148	0.5	
21	213.8	1436.4	5.7	1.1	-2.1	0.5	1.8	1652527	0.8	
21	213.5	1436.3	5.6	0.1	-2.1	0.8	1.9	1626846	1.2	
21	213.2	1436.3	5.5	0.5	-2	1.3	2	1610578	1.5	
21	212.9	1436.3	6	1.2	-1.9	1.9	2	1598283	1.6	
21	212.6	1436.3	5.6	0.8	-1.8	1.1	2	1590996	1.7	
21	212.3	1436.2	5.6	0.3	-1.8	1.5	1.8	1592206	1.7	
21	212	1436.3	5.6	0.4	-1.5	1.3	1.5	1600727	1.7	
21	211.7	1436.5	6.1	0.5	-1.3	2.1	1.3	1619297	1.5	
21	211.4	1436.4	6.1	1	-1.6	2.2	1.2	1643447	1.3	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
21	211.1	1436.3	6.2	0.3	-1.6	1.5	1.1	1670991	0.8	
21	210.8	1436.1	5.6	-1	-1.9	0.6	1.1	1696719	0.6	
21	210.5	1436	5.6	-0.9	-2.2	0.2	1.2	1720420	0.4	
21	210.2	1435.9	6	-0.4	-2.6	0.9	1.4	1740441	0.3	
21	209.9	1436.2	5.7	-0.6	-2.7	0.2	1.9	1752093	0.1	
21	209.6	1436.3	6.2	-0.9	-2.9	0.7	2.2	1755030	0.1	
21	209.3	1436.6	5.2	-2.3	-2.9	-0.5	2.5	1752093	0.3	
21	209	1437.1	4.8	-2.5	-2.6	-0.9	2.8	1743340	0.5	
21	208.7	1437.4	5.4	-0.7	-2.4	-0.2	2.9	1731804	0.6	
21	208.4	1437.6	5.7	-0.8	-2	0.2	2.9	1719007	0.7	
21	208.1	1437.8	5.5	-1.3	-1.7	0.2	3	1710581	0.8	
21	207.8	1437.8	5.2	-1	-1.4	-0.2	2.9	1707790	0.8	
21	207.5	1437.8	5.6	-0.7	-1.1	0.4	2.6	1707790	0.7	
21	207.2	1437.7	5.7	-0.6	-0.9	0	2.3	1709185	0.4	
21	206.9	1437.5	5.9	-0.1	-0.9	0.1	2	1711980	0.1	
21	206.6	1437.4	6.4	0.9	-1.1	0.7	1.9	1711980	-0.1	
21	206.3	1437.5	6.3	0.5	-1.3	0.3	2.1	1710581	-0.4	
21	206	1437.3	6.9	1.1	-2	0.3	2.4	1707790	-0.6	
21	205.7	1437	6.6	0.6	-2.4	-0.1	2.5	1702237	-0.6	
21	205.4	1436.6	6.3	0.1	-2.8	-0.2	2.5	1693973	-0.3	
21	205.1	1436.5	6.1	-0.2	-3.2	0.2	2.8	1685790	0.1	
21	204.8	1436.3	6.1	0.4	-3.5	1	3	1679031	0.6	
21	204.5	1436.2	6.6	0.7	-3.8	1.8	3.3	1677685	1	
21	204.2	1436.1	6.5	0.1	-3.8	1	3.3	1683080	1.1	
21	203.9	1436.1	5.9	-0.5	-3.8	0.8	3.1	1692604	1.1	
21	203.6	1436.2	6.4	0.5	-3.3	1.2	2.7	1707790	1	
21	203.3	1436.1	6.7	0.8	-3	1.1	2.3	1726093	0.9	
21	203	1436.1	7.2	1.4	-2.5	1.2	2	1749165	0.6	
21	202.7	1436	6.5	0.7	-2.2	0.8	1.7	1771363	0.5	
21	202.4	1435.8	5.8	-0.6	-1.9	0	1.3	1791062	0.2	
21	202.1	1435.9	5.7	-0.2	-1.3	-0.4	1	1804958	0	
21	201.8	1435.9	6.9	1.1	-0.9	0.7	0.7	1812771	-0.1	
21	201.5	1436.1	6.2	0.4	-0.5	0.2	0.7	1817492	-0.2	
21	201.2	1436.3	5.6	-0.1	-0.4	-0.7	0.8	1819071	-0.1	
21	200.9	1436.6	6.4	0.8	-0.3	0.1	1	1817492	-0.1	
21	200.6	1436.6	6.8	1.3	-0.2	-0.2	1	1814342	-0.1	
21	200.3	1436.6	6.2	0.2	-0.3	-0.4	1.1	1812771	0	
21	200	1436.5	6	0.4	-0.4	0.1	1.2	1814342	0.3	
21	199.7	1436.2	5.6	0	-0.7	0.1	1.2	1823825	0.5	
21	199.4	1436	5.8	0.2	-0.9	-0.5	1.2	1838236	0.7	
21	199.1	1435.8	5.8	-0.3	-1.2	0.1	1.2	1856162	0.7	
21	198.8	1435.6	5.9	-0.2	-1.6	0.7	1.2	1874441	0.9	
21	198.5	1435.7	5.6	-0.6	-1.8	0.4	1.3	1891374	1	
21	198.2	1435.6	6.6	1	-2	1.2	1.3	1908615	1	
21	197.9	1435.5	6.8	1.2	-2	1.3	1.3	1931504	1	
21	197.6	1435.5	6.6	0.6	-2.1	1.5	1.4	1954949	1	
21	197.3	1435.6	6.3	0.6	-1.9	1.4	1.6	1977102	1	
21	197	1435.6	7	0.8	-1.9	1.8	1.7	1995949	0.6	
21	196.7	1435.6	6.6	1.4	-1.8	1	1.9	2017101	0.2	
21	196.4	1435.7	6.6	1.8	-1.6	0.8	2	2042684	-0.1	
21	196.1	1435.8	6.1	0.7	-1.6	0.4	2.1	2077134	-0.4	
21	195.8	1435.9	6.1	0.4	-1.4	-0.3	2.1	2123479	-0.6	
21	195.5	1435.9	6.9	1.4	-1.2	0.1	2.1	2176456	-0.9	
21	195.2	1435.8	6.3	1.1	-1.1	-0.6	1.9	2227394	-1	
21	194.9	1435.6	6.1	0.5	-1.4	-0.5	1.8	2280774	-0.8	
21	194.6	1435.5	5.8	0.1	-1.2	-1.1	1.5	2334170	-0.7	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
21	194.3	1435.2	5.8	-0.1	-1.2	-0.7	1.2	2390126	-0.5	
21	194	1435.1	5.5	-0.9	-1.2	-0.6	1	2437428	-0.2	
21	193.7	1434.8	5.1	-1.2	-1.3	-0.6	0.7	2477811	0.2	
21	193.4	1434.8	4.9	-2	-1.3	-0.4	0.6	2498509	0.7	
21	193.1	1434.5	5	-1.6	-1.5	-0.5	0.4	2504486	1	
21	192.8	1434.6	5.3	-1	-1.5	0.2	0.5	2507486	1.1	
21	192.5	1434.8	5.4	-0.7	-1.5	0.6	0.7	2516527	1.2	
21	192.2	1434.9	5.5	-0.6	-1.6	0.7	0.9	2528684	1.3	
21	191.9	1434.8	5.5	-1.1	-1.7	0.7	1	2550244	1.3	
21	191.6	1434.8	5.2	-1.3	-1.6	0.5	1	2572175	1.3	
21	191.3	1435	5.8	-0.1	-1.5	1	1.1	2600932	1.2	
21	191	1435.2	6	-0.4	-1.5	1.8	1.2	2630340	1	
21	190.7	1435.3	6.2	-0.5	-1.3	1.5	1.3	2660420	0.8	
21	190.4	1435.4	6.1	-1.1	-1.3	1.3	1.3	2680858	0.7	
21	190.1	1435.6	5.9	-0.6	-1.1	0.5	1.3	2691196	0.6	
21	189.8	1435.6	6.4	0.6	-1	1.8	1.3	2684295	0.4	
21	189.5	1435.7	6.4	0.7	-0.9	1.5	1.3	2653676	0.4	
21	189.2	1435.8	6.6	-0.3	-0.9	1.7	1.4	2613921	0.2	
21	188.9	1436	7	0.8	-0.9	1.7	1.7	2578510	0	
21	188.6	1436.2	5.5	-0.1	-0.9	0.1	1.9	2556472	0	
21	188.3	1436.2	6	-0.4	-1	0.9	1.9	2550244	0	
21	188	1436.2	5.7	-1.1	-0.9	0.9	1.7	2559597	0.4	
21	187.7	1436	6.7	0.5	-1.1	1.9	1.6	2581690	0.6	
21	187.4	1435.8	4.6	-1.4	-1.1	-0.3	1.4	2620464	0.7	
21	187.1	1435.9	5.2	-0.4	-1.1	0.3	1.3	2680858	0.8	
21	186.8	1435.7	5	-0.8	-0.9	0	0.9	2751315	0.8	
21	186.5	1435.4	4.9	-0.9	-1.1	-0.4	0.6	2833221	1	
21	186.2	1435.3	4.7	-1.2	-0.9	0.2	0.4	2916087	1	
21	185.9	1435.4	4	-1.6	-0.7	-0.6	0.2	2986805	1.1	
21	185.6	1435.4	4.3	-2.3	-0.7	-0.2	0.1	3034421	1	
21	185.3	1435.5	4.9	-1.9	-0.5	-0.8	0.3	3065520	0.8	
21	185	1435.5	4.8	-1.8	-0.5	0.6	0.6	3070015	0.5	
21	184.7	1435.6	5	-1.3	-0.6	-0.1	0.9	3061039	0.3	
21	184.4	1435.6	5.1	-1.9	-0.7	0.3	1.2	3034421	0	
21	184.1	1435.7	5.7	-0.9	-0.7	0.2	1.6	3003946	-0.2	
21	183.8	1435.4	5.6	-1	-1	0	1.7	2969859	-0.3	
21	183.5	1435.5	5.5	-0.6	-1.3	-0.1	2	2932424	-0.2	
21	183.2	1435.7	5.2	-0.9	-1.3	0.5	2.1	2903953	-0.1	
21	182.9	1435.4	6.3	-0.6	-1.7	0.8	1.9	2891920	0.2	
21	182.6	1435.1	4.9	-1.4	-1.6	-0.3	1.4	2899931	0.4	
21	182.3	1434.7	5.6	-0.5	-1.9	0.8	0.9	2924232	0.6	
21	182	1434.4	4.6	-1.2	-1.9	-0.5	0.3	2957275	0.7	
21	181.7	1434.3	5.8	0	-1.9	1.1	0	2999642	0.7	
21	181.4	1434.1	5.9	0.4	-1.6	1.1	-0.2	3038825	0.6	
21	181.1	1434.2	6.8	1.7	-1.5	1.9	-0.1	3074523	0.5	
21	180.8	1434.4	4.9	0	-1.5	0.2	0.1	3111070	0.4	
21	180.5	1434.8	6.4	1.4	-1.1	1.4	0.4	3143769	0.4	
21	180.2	1435.1	6.5	1.2	-1	1.7	0.8	3172349	0.3	
21	179.9	1435.8	5.8	0.4	-0.8	0.6	1.4	3201453	0.2	
21	179.6	1436.4	6.6	1.1	-0.8	1.8	2.1	3236090	0.4	
21	179.3	1436.6	5.2	-0.3	-0.7	-0.8	2.4	3286892	0.6	
21	179	1436.5	5.2	0	-0.6	-0.2	2.3	3355369	0.7	
21	178.7	1436.1	5.4	-0.4	-0.8	-0.4	1.9	3460744	0.9	
21	178.4	1435.8	4.9	-1.1	-1.1	0.5	1.5	3585189	1.2	
21	178.1	1435.6	4.6	-1.6	-1.2	-0.4	1	3725534	1.6	
21	177.8	1435.6	5.3	-0.8	-1	1	0.6	3855894	1.7	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
21	177.5	1435.6	5.3	-0.6	-1	0.8	0.2	3980514	1.7	
21	177.2	1435.7	5.7	-0.7	-0.8	1.3	-0.2	4081384	1.5	
21	176.9	1435.6	7.4	1	-1	3.3	-0.3	4146040	1.4	
21	176.6	1435.6	6.3	-0.3	-0.9	1.7	-0.3	4154266	1.3	
21	176.3	1435.8	6.6	-0.4	-0.6	1.8	-0.1	4113458	1.2	
21	176	1436.4	6.3	0.8	-0.4	1.5	0.4	4041989	0.7	
21	175.7	1436.7	6.9	0.9	-0.6	2.1	1	3935621	0.6	
21	175.4	1436.9	5.6	-0.1	-0.7	0.2	1.4	3827697	0.4	
21	175.1	1437	6.7	0	-0.7	1.2	1.8	3752241	0.2	
21	174.8	1437	5.2	0.6	-0.8	-0.5	2	3712323	0.1	
21	174.5	1437.2	5.9	0.7	-0.6	-0.8	2.1	3725534	-0.2	
21	174.2	1437	6.6	1.6	-0.6	0	1.9	3793026	-0.6	
21	173.9	1437	6.7	1.8	-0.5	-0.2	1.8	3920881	-0.8	
21	173.6	1437	6.2	1.5	-0.8	-0.6	1.6	4097359	-0.9	
21	173.3	1437.1	6.2	2.2	-0.6	-0.9	1.3	4352911	-0.9	
21	173	1436.7	6.4	2.1	-0.6	0.2	0.7	4673549	-1	
21	172.7	1436.2	6.2	1.3	-0.8	-0.5	0.3	5020984	-0.9	
21	172.4	1435.9	6	1.2	-0.8	0.4	0.1	5327608	-0.7	
21	172.1	1435.9	5.6	0.6	-0.9	-0.1	0.1	5553714	-0.5	
21	171.8	1435.7	5.7	0.6	-0.6	-0.3	0	5658784	-0.4	
21	171.5	1435.7	5.6	-0.1	-0.6	0.1	0.1	5643531	-0.3	
21	171.2	1436	5.5	-0.1	-0.3	0.5	0.3	5524407	-0.2	
21	170.9	1436.1	5.5	0	-0.5	0.9	0.4	5382391	0	
21	170.6	1436.3	4.8	-0.4	-0.3	0.6	0.6	5234375	0.9	
21	170.3	1436.3	5	-1.3	-0.4	1.4	0.7	5119193	1.3	
21	170	1436.2	4.7	-0.2	-0.5	1.2	0.7	5045181	1.5	
21	169.7	1436.1	4.6	-1	-0.7	1.5	0.6	5033053	1.8	
21	169.4	1435.6	4.6	0	-1	1.7	0.3	5106708	2.2	
21	169.1	1435.3	3.7	-2.1	-1.1	1	0.1	5234375	2.6	
21	168.8	1435	3.4	-2.5	-1.3	1.4	-0.2	5382391	2.9	
21	168.5	1435.2	3.1	-3.7	-1.2	1.2	-0.2	5509869	3.1	
21	168.2	1435.4	3.8	-1.1	-1.2	2	-0.3	5598262	3	
21	167.9	1435.8	3.7	-2.7	-0.9	1.3	-0.2	5613271	2.7	
21	167.6	1436.1	4	-2.5	-0.6	1.2	-0.1	5583334	1.9	
21	167.3	1436.5	4.3	-1.5	-0.4	0.7	0.1	5509869	1.2	
21	167	1436.8	4.6	-2	-0.2	0.4	0.5	5396263	0.7	
21	166.7	1436.9	4.9	-0.3	-0.1	0.5	0.8	5273930	0.4	
21	166.4	1437	4.4	-0.8	0.1	0.2	1.1	5157020	0.2	
21	166.1	1437.1	4.5	-0.9	0	0.2	1.3	5069613	-0.2	
21	165.8	1437.4	4.8	-0.1	0	-0.3	1.6	5033053	-0.5	
21	165.5	1437.5	5.2	0.6	0.2	-0.3	1.6	5069613	-0.6	
21	165.2	1437.5	4.7	-0.6	0.4	-0.3	1.4	5144349	-0.4	
21	164.9	1437.6	5.1	-0.2	0.5	0.3	1.2	5273930	-0.2	
21	164.6	1437.4	5.3	-0.4	0.4	0.3	0.7	5452474	-0.1	
21	164.3	1437.1	6	-1.4	0.6	0.5	0.2	5689538	-0.1	
21	164	1436.7	5.5	-0.8	0.4	0.6	-0.2	5914548	0	
21	163.7	1436.4	5.2	-1.4	0.2	0.5	-0.6	6140030	0.1	
21	163.4	1436.1	5.4	-0.9	0	0.8	-1	6402905	0.1	
21	163.1	1435.7	6.1	-0.8	-0.3	1.2	-1.2	6667994	0.2	
21	162.8	1435.4	5.3	-0.3	-0.7	0.8	-1.2	6887336	0.2	
21	162.5	1435.4	4.9	-1.8	-0.9	0.4	-1	7097458	0.4	
21	162.2	1435.7	5.3	0.1	-0.8	0.8	-0.7	7372359	0.4	
21	161.9	1435.7	5.8	-0.1	-0.9	0.6	-0.4	7783457	0.5	
21	161.6	1436.1	5.3	-1.3	-0.7	0.7	0.1	8341634	0.5	
21	161.3	1436.4	5.2	-1.5	-0.6	0.9	0.6	9063853	0.7	
21	161	1436.7	4.6	-1.6	-0.4	0.2	0.9	10066106	0.8	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
21	160.7	1436.9	5.1	-1.1	-0.3	0.4	1.2	11317568	0.9	
21	160.4	1437	4.7	-1.7	-0.1	0.3	1.3	12689394	0.8	
21	160.1	1437	4.7	-1.5	-0.2	0.8	1.4	13958333	0.8	
21	159.8	1437.1	4.6	-1.4	-0.5	0.3	1.5	14641608	0.7	
21	159.5	1437	5.4	-0.2	-0.5	0.7	1.5	14340754	0.6	
21	159.2	1436.6	4.7	-1	-0.9	0.5	1.4	13004659	0.6	
21	158.9	1436.4	4.9	-0.7	-1.1	1	1.2	11256721	0.4	
21	158.6	1436.2	5.1	-0.4	-1.2	1.6	1	9560502	0.2	
21	158.3	1436.2	5.2	-0.3	-1.3	1.2	0.9	8275692	0.1	
21	158	1436.2	5.1	0.3	-1.4	0.7	0.9	7320804	0	
21	157.7	1436.3	4.4	-0.6	-1.3	0.3	0.8	6667994	-0.1	
21	157.4	1436.4	4.7	0	-1.1	0.4	0.7	6212908	-0.1	
21	157.1	1436.3	4.7	0.1	-0.9	0.1	0.6	5914548	-0.1	
21	156.8	1436.1	4.4	-0.2	-0.7	0.4	0.6	5799862	0.2	
21	156.5	1436.1	3.4	-0.3	-0.3	-0.5	0.6	5815972	0.5	
21	156.2	1436.1	2.9	-0.5	-0.3	-0.7	0.6	5965100	0.9	
21	155.9	1436.4	3.2	0.1	0.1	-0.5	0.7	6194527	1.1	
21	155.6	1436.4	4.1	0.3	0	0.5	0.7	6542969	1.2	
21	155.3	1436.5	3.3	-0.4	0	0	0.8	6955980	1.4	
21	155	1436.4	3.8	-0.2	-0.3	0.9	0.8	7372359	1.5	
21	154.7	1436.2	3.7	-0.6	-0.3	0.9	0.7	7754630	1.6	
21	154.4	1435.7	3.7	-0.9	-0.5	0.9	0.5	7991412	1.6	
21	154.1	1435.3	4	-0.9	-0.6	1.4	0.5	8022031	1.5	
21	153.8	1435.3	3.9	-0.5	-0.5	1.3	0.5	7900944	1.2	
21	153.5	1435	4.4	-0.1	-0.6	1.4	0.2	7641424	0.9	
21	153.2	1435.2	4.4	-0.4	-0.1	0.3	0	7269965	0.5	
21	152.9	1435.2	5	-0.2	0.1	0.9	-0.3	6887336	0.2	
21	152.6	1435.4	4.1	-0.6	0.4	-0.7	-0.6	6542969	0.1	
21	152.3	1435.4	4.2	-0.9	0.7	-0.3	-1	6268713	0.1	
21	152	1435.2	4.5	-0.8	0.8	-0.4	-1.4	6068841	0.1	
21	151.7	1434.8	4.9	-1.1	0.6	-0.2	-1.8	5931303	0.1	
21	151.4	1434.6	4.7	-0.8	0.2	-0.1	-1.9	5881320	0.4	
21	151.1	1434.4	4.7	-0.5	0	0	-2	5914548	0.6	
21	150.8	1434.2	5.1	-0.3	-0.4	1	-1.9	5965100	1.2	
21	150.5	1434.4	5.3	-0.8	-0.6	1.3	-1.4	6033862	1.5	
21	150.2	1434.7	6	0.7	-0.8	2.7	-0.8	6086483	1.6	
21	149.9	1435.2	5.6	0.7	-1	2.2	0	6140030	1.4	
21	149.6	1435.9	6.3	1	-1	2.7	0.9	6231399	1	
21	149.3	1436.7	6.4	0.6	-0.8	2	1.8	6325529	0.6	
21	149	1437.4	6.6	1.3	-0.9	1.9	2.6	6402905	0.2	
21	148.7	1437.7	6.3	1.1	-1	1.1	3.1	6482198	0	
21	148.4	1437.8	6.2	1.6	-1.1	0.4	3.2	6563480	-0.2	
21	148.1	1437.6	6.1	1	-1.3	0.2	3	6667994	-0.4	
21	147.8	1437.3	5.7	1	-1.6	-0.8	2.6	6842320	-0.4	
21	147.5	1437	5.5	0.8	-1.7	-0.4	2.2	7026007	-0.2	
21	147.2	1436.8	4.7	0.1	-1.5	-1.7	1.8	7219828	0	
21	146.9	1436.7	5.2	-0.2	-1.2	-0.5	1.2	7424646	0.1	
21	146.6	1436.8	5.2	0.5	-0.9	-0.8	0.7	7641424	0.1	
21	146.3	1436.9	5.8	0.9	-0.5	0	0.2	7871241	0.2	
21	146	1437.2	6.1	1	0	0.1	0	8115310	0.2	
21	145.7	1437.5	5.8	0.6	0.6	0	-0.2	8375000	0.2	
21	145.4	1437.8	6.2	1.1	0.9	0.9	-0.3	8580943	0.2	
21	145.1	1437.7	5.8	1.4	0.7	0.2	-0.3	8834388	0.2	
21	144.8	1437.2	6.6	1.9	0	1.3	-0.2	9063853	0.2	
21	144.5	1436.8	5.2	0.5	-0.4	-0.5	-0.1	9264381	0.3	
21	144.2	1436.7	5.6	1.2	-0.8	0.4	0.1	9389014	0.4	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
21	143.9	1436.6	5.6	2.2	-0.9	0	0.2	9560502	0.4	
21	143.6	1436.5	6.3	3.4	-1.1	0.7	0.3	9876179	0.5	
21	143.3	1436.6	6	2.8	-0.9	0.1	0.4	10263481	0.8	
21	143	1437.1	5.4	1.3	-0.4	0	0.4	10792526	0.9	
21	142.7	1437.6	6.1	2.8	0.4	0.5	0.4	11317568	0.9	
21	142.4	1438	6.3	2.5	1.3	0.5	0.4	11762641	1	
21	142.1	1438	6.7	3	1.7	1.2	0.4	11896307	1	
21	141.8	1438	6	2.3	2	0	0.4	11631945	1	
21	141.5	1437.7	6.3	2.3	1.8	0.3	0.4	10904948	1	
21	141.2	1437.3	6.1	2.2	1.8	-0.3	0.4	9922986	0.9	
21	140.9	1436.7	7.6	3.2	1	1.5	0.6	8760460	0.7	
21	140.6	1436.3	6.4	2	0.3	0.8	0.8	7641424	0.6	
21	140.3	1435.9	7.2	2.2	-0.4	1.9	1	6775890	0.3	
21	140	1435.4	7.1	3	-1.1	1.8	1.1	6122076	0.2	
21	139.7	1434.9	7.8	3.6	-1.5	2.2	1	5689538	0	
21	139.4	1434.5	8.4	3.9	-2	3.2	1	5424223	-0.1	
21	139.1	1434.3	8.4	3.5	-2.3	3	1	5314087	-0.2	
21	138.8	1433.8	8.3	3.6	-2.6	3.1	0.8	5341199	-0.2	
21	138.5	1433.6	7.7	3	-2.5	1.5	0.6	5466710	-0.2	
21	138.2	1433.3	7	1.9	-2.7	1.9	0.4	5658784	0.1	
21	137.9	1433	5.1	-0.2	-2.7	-0.5	0.1	5897888	0.4	
21	137.6	1432.9	4.7	-1.3	-2.6	-0.4	0	6140030	0.6	
21	137.3	1432.9	4.5	-1.1	-2.3	-0.9	-0.1	6383384	0.8	
21	137	1433.1	4.2	-2.1	-2	-1	-0.2	6625791	1.1	
21	136.7	1433.5	4.1	-2.3	-1.6	-1.2	-0.2	6797890	1.2	
21	136.4	1433.9	4	-2.6	-0.8	-1	-0.2	6887336	1.3	
21	136.1	1434.3	4.5	-1.8	-0.1	0	-0.2	6910066	1.4	
21	135.8	1434.9	4.1	-2.1	0.7	-0.2	-0.1	6955980	1.3	
21	135.5	1435.4	4.8	-1.3	1.5	1.2	0.1	6979167	1.2	
21	135.2	1435.6	4.3	-1.4	2.1	0.4	0.1	7026007	1	
21	134.9	1435.7	4.6	-0.9	2.3	0.9	0.2	7049664	0.7	
21	134.6	1436.2	4.2	-0.5	2.7	0.7	0.2	7073480	0.7	
21	134.3	1436.3	4.6	-0.6	2.4	0.6	0.2	7145905	0.7	
21	134	1436	4.2	-1	1.7	0	0.1	7295296	0.9	
21	133.7	1435.6	4.2	-1.6	1	-0.2	-0.2	7477679	0.9	
21	133.4	1435.2	4.3	-1.8	0.4	0.4	-0.6	7669414	1.1	
21	133.1	1434.5	4.6	-1.2	-0.5	0.3	-1	7900944	1.2	
21	132.8	1433.9	5.2	-1	-1.2	1.7	-1.2	8146887	1.8	
21	132.5	1433.6	4.4	-1.4	-1.4	0.6	-1.3	8408635	2.1	
21	132.2	1433.6	4.2	-2.4	-1.5	1.4	-1.2	8616255	2.3	
21	131.9	1433.9	5.3	0.1	-1.4	1.9	-1	8760460	1.7	
21	131.6	1434.6	6.2	0.6	-1	2.7	-0.6	8834388	1.2	
21	131.3	1435.2	6.2	0.6	-0.7	1.9	0	8834388	0.8	
21	131	1436	6	-0.3	-0.6	1.6	0.8	8723959	0.3	
21	130.7	1436.6	6.3	0.3	-0.6	1.5	1.6	8545919	-0.1	
21	130.4	1436.9	6.4	1	-0.5	0.7	2.1	8341634	-0.4	
21	130.1	1436.8	7.3	1.2	-1	1.6	2.5	8146887	-0.6	
21	129.8	1436.4	6	-0.3	-1.5	0.7	2.6	7991412	-0.6	
21	129.5	1436.3	5.6	-1.1	-1.8	0.2	2.7	7841760	-0.3	
21	129.2	1436.3	5.2	-0.8	-2	-0.7	2.6	7754630	0.1	
21	128.9	1436.3	6	-0.3	-1.9	0.7	2.4	7697610	0.3	
21	128.6	1436.4	5.2	-0.9	-1.9	0.3	2.2	7641424	0.4	
21	128.3	1436.7	4.9	-2.7	-1.4	0.2	1.9	7531475	0.6	
21	128	1436.7	5.5	-0.9	-1	0.6	1.5	7451068	0.9	
21	127.7	1436.9	5.8	-1.4	-0.2	0.6	1.2	7372359	1	
21	127.4	1436.9	5.3	-1.8	0.4	0.8	0.9	7320804	1	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
21	127.1	1436.9	5	-2.8	0.9	0.8	0.6	7269965	1	
21	126.8	1436.7	5.8	-2.6	1.1	1.9	0.4	7195017	1	
21	126.5	1436.4	5	-3.4	1	0.6	0.3	7121599	1	
21	126.2	1436.1	4.7	-3.6	0.9	0.4	0.1	7073480	1	
21	125.9	1435.9	4.3	-3.4	0.8	0.4	-0.2	7049664	1	
21	125.6	1435.6	5.3	-1.7	0.6	1.1	-0.3	7049664	0.9	
21	125.3	1435	5.1	0	0	0.4	-0.5	7049664	0.9	
21	125	1434.8	5	0.3	-0.4	0.7	-0.4	7049664	0.9	
21	124.7	1434.4	4.8	0.3	-0.9	0.3	-0.3	7049664	0.7	
21	124.4	1434	4.7	0.5	-1.1	-0.5	-0.4	7049664	0.6	
21	124.1	1433.8	4.9	0.8	-1.1	0.5	-0.5	7026007	0.6	
21	123.8	1433.8	5.4	1.4	-1.1	1.1	-0.5	6979167	0.6	
21	123.5	1433.9	4.9	0.4	-1.3	0.8	-0.4	6842320	0.6	
21	123.2	1434	4.7	0.6	-1.4	-0.1	-0.4	6625791	0.6	
21	122.9	1434.1	5.4	0.6	-1.3	0.9	-0.4	6383384	0.6	
21	122.6	1434.3	5.1	0.8	-1.1	0.7	-0.4	6122076	0.6	
21	122.3	1434.4	5.4	0.8	-1	1.2	-0.2	5832173	0.6	
21	122	1434.3	5.7	1.5	-0.9	1.4	0	5583334	0.5	
21	121.7	1434.5	4.9	0.3	-0.7	0.7	0.2	5410207	0.4	
21	121.4	1434.7	5.1	0.9	-0.6	0.5	0.4	5314087	0.4	
21	121.1	1435.4	5	0.8	-0.2	0.8	0.7	5300633	0.3	
21	120.8	1436	5.5	1.2	0	1.2	1.1	5396263	0.2	
21	120.5	1436.5	5.1	0.5	0.3	0.5	1.4	5613271	0.2	
21	120.2	1436.8	5.1	-0.1	0.4	0.6	1.6	5881320	0.2	
21	119.9	1436.8	4.9	0.5	0.6	0.4	1.6	6231399	0.2	
21	119.6	1436.4	5	0.8	0.4	0.3	1.5	6646826	0.3	
21	119.3	1436.2	4.4	-0.9	0.5	-0.3	1.3	7121599	0.4	
21	119	1436	4.6	-1.6	0.3	0.8	1.2	7613637	0.7	
21	118.7	1435.8	4.1	-2.1	0	0.2	1	8115310	0.9	
21	118.4	1435.8	4.3	-1.7	-0.4	0.4	1	8580943	1	
21	118.1	1435.6	4.2	-2.1	-0.7	0.5	0.7	8986052	1.1	
21	117.8	1435.2	4.4	-2	-1	0.7	0.4	9264381	1.2	
21	117.5	1434.9	4.1	-3.2	-1.1	0.5	0.2	9431306	1.2	
21	117.2	1434.7	4.3	-1.7	-1	0.9	0.1	9473982	1	
21	116.9	1434.4	5.3	-0.3	-1.3	1.8	0.1	9431306	0.8	
21	116.6	1434.4	3.9	-1.3	-1.2	-0.3	0.1	9389014	0.7	
21	116.3	1434.3	4.7	-1.3	-1.1	0.8	0	9389014	0.6	
21	116	1434.4	4.3	-0.9	-1	0.2	-0.1	9431306	0.5	
21	115.7	1434.6	4.5	-0.4	-0.7	0.6	-0.1	9517046	0.5	
21	115.4	1434.8	4.8	-0.7	-0.6	0.9	0.1	9648618	0.5	
21	115.1	1434.7	4.7	-1.1	-0.5	0.7	0.1	9783879	0.5	
21	114.8	1434.8	3.9	-1.4	-0.4	-0.1	0.2	9970238	0.7	
21	114.5	1434.9	4.3	-0.7	-0.1	0.1	0.2	10114734	1	
21	114.2	1435	5.3	-0.5	0.1	2	0.3	10066106	1	
21	113.9	1435	5	0	0.3	1.7	0.3	9783879	1	
21	113.6	1435.2	4.8	0.1	0.4	1.5	0.4	9305556	0.9	
21	113.3	1435.3	4.7	0.4	0.3	1	0.4	8760460	0.7	
21	113	1435.3	4.5	-0.8	0.3	0.5	0.2	8210785	0.5	
21	112.7	1435.4	4.9	-0.2	0.2	0.8	0.2	7669414	0.2	
21	112.4	1435.4	5.2	0.2	-0.3	1.3	0.4	7195017	-0.1	
21	112.1	1435.2	5	0.2	-0.6	0.4	0.4	6820033	-0.3	
21	111.8	1434.8	4.8	0.1	-1.1	0	0.2	6563480	-0.2	
21	111.5	1434.5	3.9	-1	-1.4	-0.5	0.1	6462192	-0.1	
21	111.2	1434.5	4.1	-1.3	-1.6	-0.1	0.1	6502329	0	
21	110.9	1434.6	4.4	-0.5	-1.8	0.1	0.1	6732315	0.2	
21	110.6	1434.7	4.2	-0.5	-1.7	0.4	0.1	7170377	0.4	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
21	110.3	1435.2	4	-1.4	-1.5	0	0.4	7841760	0.6	
21	110	1435.7	3.8	-1.3	-1.2	0.1	0.5	8797269	0.8	
21	109.7	1436	4.3	-1.1	-0.8	0.7	0.5	10066106	1	
21	109.4	1436.3	4	-1.7	-0.2	0.6	0.6	11631945	1.3	
21	109.1	1436.6	3.7	-1.2	0.2	0.9	0.7	13421474	1.6	
21	108.8	1436.9	3.7	-1.4	0.8	0.7	0.7	15172102	1.6	
21	108.5	1437.3	4.3	-0.7	1.2	1.2	0.8	16357422	1.6	
21	108.2	1437.4	4	-1.5	1.6	0.8	0.8	16885081	1.6	
21	107.9	1437.3	4.3	-0.8	1.3	1.2	0.8	16486221	1.5	
21	107.6	1437.4	3.9	-1.2	1.3	0.9	0.8	15395221	1.4	
21	107.3	1437.4	4.2	-0.7	1	0.7	0.8	14146960	1.1	
21	107	1437.1	4.6	-0.4	0.6	0.7	0.7	12845092	0.8	
21	106.7	1436.8	4.9	0.5	0.3	0.6	0.5	11696928	0.4	
21	106.4	1436.4	5.1	0.5	-0.2	0.9	0.3	10792526	0.2	
21	106.1	1436	5.1	1	-0.5	0.6	0	9970238	0.2	
21	105.8	1435.3	5.4	1.1	-0.9	1	-0.4	9264381	0.1	
21	105.5	1435.1	5.2	1	-1	0.7	-0.6	8687760	0.1	
21	105.2	1434.9	5.1	0.7	-1.1	0.8	-0.8	8275692	0.2	
21	104.9	1435.1	5	0.9	-0.9	0.6	-0.8	7900944	0.2	
21	104.6	1435.4	5.5	1.2	-0.8	0.8	-0.6	7613637	0.1	
21	104.3	1435.4	5.8	0.5	-1	0.9	-0.3	7398410	0.2	
21	104	1435.6	5.1	1.2	-0.8	0.5	0.1	7269965	0.2	
21	103.7	1435.8	5.1	0.4	-0.7	0.9	0.6	7195017	0.4	
21	103.4	1435.9	5.1	0.8	-0.5	0.8	1	7195017	0.4	
21	103.1	1436	5	0.5	-0.5	0.6	1.2	7269965	0.3	
21	102.8	1436.2	5.1	0.3	-0.4	0.5	1.4	7372359	0.3	
21	102.5	1436.2	5	0.3	-0.5	0.7	1.4	7531475	0.3	
21	102.2	1436.5	5	1.1	-0.4	0.1	1.4	7812500	0.3	
21	101.9	1436.5	5.2	0.9	-0.3	0.5	1.2	8178711	0.4	
21	101.6	1436.2	4.6	-0.7	-0.2	0	0.7	8545919	0.7	
21	101.3	1435.9	4.2	-0.8	-0.2	0.1	0.2	8947650	1.1	
21	101	1435.6	4	-0.8	-0.1	0.2	-0.4	9431306	1.3	
21	100.7	1435.6	4.2	-0.5	0.1	0.6	-0.8	9970238	1.4	
21	100.4	1435.5	4.8	0.3	0	1.1	-1.1	10521357	1.5	
21	100.1	1435.6	4.3	-0.6	0.3	0.2	-1.3	11317568	1.6	
21	99.8	1435.6	4.9	-0.3	0.3	0.8	-1.4	12172965	1.6	
21	99.5	1435.8	4.5	-0.5	0.6	0.1	-1.3	13004659	1.5	
21	99.2	1435.8	5.5	0.7	0.7	1.2	-1.1	13865894	1.3	
21	98.9	1436.1	5.3	1.4	1	0.9	-0.6	14744718	1	
21	98.6	1436.4	5.1	1	1	0.6	0	15625000	0.8	
21	98.3	1436.7	5	0.6	0.8	-0.1	0.6	16617064	0.7	
21	98	1437	5.4	1.2	0.8	-0.1	1	17594538	0.6	
21	97.7	1437	6.4	2.4	0.4	1	1.3	18528761	0.6	
21	97.4	1436.9	6.4	2.6	0.1	0.9	1.4	19567757	0.6	
21	97.1	1436.6	6.6	2.3	-0.7	1.8	1.6		0.7	
21	96.8	1436.1	6.6	2.6	-1.2	2	1.7		1	
21	96.5	1435.5	6.6	2.9	-1.9	2.8	1.6		1.5	
21	96.2	1435.1	6.6	2.9	-2.4	3.1	1.6		1.7	
21	95.9	1435	7.4	3.1	-2.5	3.9	1.5		1.7	
21	95.6	1435	7.4	3.4	-2.6	3.5	1.4	19752359	1.5	
21	95.3	1435	7.7	3.4	-2.4	3.4	1.3	18049569	1.1	
21	95	1435.3	7.4	3.5	-2.1	2.4	1.3	16357422	0.8	
21	94.7	1435.5	6.6	2.4	-1.6	1.5	1.2	14955357	0.7	
21	94.4	1435.4	5.7	1.1	-1.2	0.6	1	13958333	0.6	
21	94.1	1435.5	5.3	0.4	-0.5	-0.1	0.8	13335987	0.2	
21	93.8	1435.4	5.4	0.3	-0.2	-0.2	0.6	13085938	-0.1	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
21	93.5	1435.4	5.5	0.4	0.1	-0.8	0.4	13335987	-0.2	
21	93.2	1435.3	5.5	0.1	0.4	-0.9	0.1	14052014	-0.2	
21	92.9	1435.2	4.4	-0.8	0.7	-1.9	-0.2	15172102	0	
21	92.6	1435.3	5.2	0.1	0.9	-0.8	-0.4	16750000	0.1	
21	92.3	1435.2	5	0	1	-0.5	-0.6	19208716	0.3	
21	92	1435.1	4.8	-0.7	1.1	0	-0.8		0.5	
21	91.7	1435	4.5	-1.3	1.1	0.1	-0.9		0.8	
21	91.4	1434.9	4.4	-0.7	1	0.2	-1		0.9	
21	91.1	1434.9	4.9	-0.2	1.1	0.7	-1.1		1	
21	90.8	1434.6	5	-0.1	0.8	0.9	-1.1		1	
21	90.5	1434.5	5	0	0.5	1.5	-1		1	
21	90.2	1434.4	4.9	-0.2	0.3	1	-1		1.1	
21	89.9	1434.2	5.1	0.1	0	1.5	-0.8		1.2	
21	89.6	1434.2	5	0	-0.2	1.5	-0.6		1.4	
21	89.3	1434.2	5.2	0	-0.3	2	-0.4		1.6	
21	89	1434.3	4.8	0.2	-0.4	1.7	-0.2	19386574	1.7	
21	88.7	1434.4	5	0.8	-0.4	1.8	-0.1	16357422	1.8	
21	88.4	1434.5	4.7	0.7	-0.4	1.7	0	14439655	2	
21	88.1	1434.7	4.5	0.3	-0.2	1.4	0.1	13335987	1.9	
21	87.8	1434.8	4.8	0	-0.3	1.5	0.2	12689394	1.7	
21	87.5	1434.9	4.6	0.3	-0.2	1	0.2	12462798	1.6	
21	87.2	1434.9	4.9	0	-0.2	1.2	0.2	12612952	1.4	
21	86.9	1434.8	5.1	0.6	-0.3	1	0.2	13251582	1.2	
21	86.6	1434.9	5.2	-0.3	-0.3	1.2	0.3	14439655	1	
21	86.3	1435	5.1	-0.2	-0.3	0.8	0.3	16230620	0.9	
21	86	1435.2	5.1	0	-0.2	0.9	0.4	19034091	0.6	
21	85.7	1435.2	5	0	-0.4	0.5	0.4		0.4	
21	85.4	1435.4	5.1	-0.3	-0.2	0.1	0.4		0.2	
21	85.1	1435.5	5.4	-1	-0.2	0.4	0.4		0.1	
21	84.8	1435.6	5.2	-1.2	-0.1	0.2	0.4		0.1	
21	84.5	1435.6	5.4	-1.2	0	0.3	0.4		0	
21	84.2	1435.6	5.2	-1.4	0.1	-0.3	0.4		0.1	
21	83.9	1435.6	5.4	-1.2	0	0.3	0.4		0.2	
21	83.6	1435.6	4.9	-1.7	0	-0.3	0.3		0.6	
21	83.3	1435.6	5.3	-2.1	0.1	0.2	0.2		0.8	
21	83	1435.6	5.6	-1.8	-0.1	0.6	0.1		1.1	
21	82.7	1435.8	5.6	-2.1	0	0.5	0.1		1.4	
21	82.4	1435.8	5.3	-2.1	0.2	0.6	-0.2		1.7	
21	82.1	1435.6	5.2	-1.4	0.3	0.8	-0.5		1.8	
21	81.8	1435.3	6	0.3	0.3	1.7	-0.8		1.8	
21	81.5	1435.3	5.6	0.3	0.2	1.2	-1		1.7	
21	81.2	1435.3	6.6	1.2	0.3	2.1	-1.1		1.2	
21	80.9	1435.4	6.8	1.3	0.3	1.8	-1		0.5	
21	80.6	1435.7	7.2	1.7	0.3	1.4	-0.8		-0.2	
21	80.3	1435.9	7.7	3.3	0.1	0.9	-0.5		-0.7	
21	80	1435.9	7.7	2.5	-0.2	1.2	-0.2		-0.7	
21	79.7	1436	7	2	-0.3	0.8	0.2		-0.2	
21	79.4	1436.1	7	2.2	-0.3	0.8	0.6		0	
21	79.1	1436.5	6.8	2.3	-0.4	1.2	1.1		0.3	
21	78.8	1436.6	6.6	2.2	-0.6	0.7	1.4		0.7	
21	78.5	1436.6	5.8	0.9	-0.9	0.7	1.7		1.5	
21	78.2	1436.7	5.6	0.6	-0.9	0.9	1.8		2	
21	77.9	1436.7	6.6	1.6	-0.9	2	1.8		2	
21	77.6	1436.8	6.4	1.5	-0.6	1.3	1.6		1.8	
21	77.3	1436.6	6.8	1.7	-0.4	1.7	1.2		1.4	
21	77	1436.4	6.4	1.4	-0.3	0.8	0.8		1.1	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
21	76.7	1436.4	6.2	1	-0.2	0.9	0.4		0.8	
21	76.4	1436.3	6.6	1.8	0.1	0.7	0		0.4	
21	76.1	1436.1	6.5	1.5	0.2	0.9	-0.3		0.2	
21	75.8	1435.9	6.3	1.6	0.3	0.5	-0.5		0	
21	75.5	1435.7	5.6	1.1	0.5	-0.8	-0.7		-0.1	
21	75.2	1435.6	6.1	1.3	0.5	-0.1	-0.8		-0.1	
21	74.9	1435.7	6	1.4	0.7	-0.4	-0.8		0	
21	74.6	1435.7	6.5	1.6	0.7	0.6	-0.7		0.3	
21	74.3	1435.8	5.4	0.3	0.6	-0.2	-0.6		0.6	
21	74	1435.8	6	0.8	0.6	0.6	-0.6		0.8	
21	73.7	1435.7	5.9	0.8	0.5	0.3	-0.6		0.9	
21	73.4	1435.4	6.1	1	0.5	0.6	-0.7		0.9	
21	73.1	1435.1	6.1	1.1	0.3	1.1	-0.7		0.9	
21	72.8	1435	5.7	0.6	0.3	0.8	-0.7		0.9	
21	72.5	1435	5.9	0.5	0.2	1.2	-0.7		0.9	
21	72.2	1435.1	6	0.8	0.2	0.7	-0.6		0.8	
21	71.9	1435.2	6.3	0.9	0.2	1.3	-0.5		0.7	
21	71.6	1435.3	5.9	0.7	0.1	0.5	-0.5		0.6	
21	71.3	1435.6	6.5	1.1	0.2	0.9	-0.3		0.5	
21	71	1435.4	6.4	1.5	0.1	0.6	-0.3		0.5	
21	70.7	1435.3	6.2	0.9	0.2	0.2	-0.2		0.6	
21	70.4	1435.2	5.6	0	0.1	0	-0.2		0.7	
21	70.1	1435.3	5.3	-0.3	0.2	-0.2	-0.2		0.9	
21	69.8	1435.3	5.8	0.5	0.2	0.4	-0.2		0.9	
21	69.5	1435.3	6.1	0.9	0.1	0.4	-0.2		0.9	
21	69.2	1435.5	6	0	0.2	0.6	-0.2		1	
21	68.9	1435.7	6.3	0.7	0.1	0.6	-0.2		1	
21	68.6	1435.7	6.6	0	0.1	1.1	-0.3		0.9	
21	68.3	1435.6	7.1	0.3	0.1	1.5	-0.4		0.8	
21	68	1435.6	6.8	-0.4	0	1.6	-0.4		0.8	
21	67.7	1435.5	6.9	-0.8	0	2.2	-0.5		0.6	
21	67.4	1435.5	6.7	-1	-0.1	1.7	-0.5		0.3	
21	67.1	1435.6	7	0	-0.1	1.7	-0.5		0	
21	66.8	1435.7	6.9	-0.1	-0.1	1.7	-0.4		-0.2	
21	66.5	1436.1	6.9	0.1	0	1.2	-0.2		-0.4	
21	66.2	1436.4	6.4	-0.2	0.2	0.5	0		-0.4	
21	65.9	1436.5	6.7	0.9	0.4	0.3	0.1		-0.6	
21	65.6	1436.7	6.4	0.8	0.3	-0.1	0.3		-0.5	
21	65.3	1436.8	5.4	-1.2	0.2	-0.6	0.4		0.1	
21	65	1436.9	4.7	-1.7	0.2	-0.5	0.4		1	
21	64.7	1437	4.6	-2.2	0.4	-0.3	0.3		1.6	
21	64.4	1436.9	4.1	-2.3	0.2	-0.4	0.2		2.1	
21	64.1	1436.9	4.2	-2	0.2	-0.3	0		2.3	
21	63.8	1436.7	4.4	-2.2	0.1	0.6	-0.3		2.4	
21	63.5	1436.5	4.5	-2	0.4	0.3	-0.7		2.3	
21	63.2	1436.6	5.2	-1.1	0.3	0.8	-0.7		2.1	
21	62.9	1436.8	5.3	-0.3	0.5	0.6	-0.5		1.3	
21	62.6	1437	5.7	-0.4	0.7	0.5	-0.3		0.6	
21	62.3	1437.1	6	0	0.9	0	-0.1		0	
21	62	1437.3	6.4	-0.1	1.1	0.7	0.1		-0.5	
21	61.7	1437.3	6.7	1.3	0.9	0.5	0.4		-0.7	
21	61.4	1437.4	6.1	0.1	0.7	-0.1	0.7		-0.8	
21	61.1	1437.2	6.3	0.4	0.5	0.3	0.7		-0.4	
21	60.8	1437.2	6.5	0.4	0.2	0.5	0.9		-0.3	
21	60.5	1436.7	6.6	0.5	-0.2	0.3	0.7	19752359	-0.1	
21	60.2	1436.3	6.9	1.2	-0.6	1.8	0.6	18862613	0.2	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
21	59.9	1435.7	7.3	1.4	-0.9	2	0.2	17594538	0.5	
21	59.6	1435.3	6.4	0.4	-1.4	1	0	16357422	0.6	
21	59.3	1435.1	6.8	0.5	-1.4	0.9	-0.2	15282847	0.6	
21	59	1435.3	6.5	0.6	-1.4	1.3	-0.1	14340754	0.5	
21	58.7	1435.5	6.7	0.2	-1.2	1.2	0	13508065	0.3	
21	58.4	1435.6	6.3	-0.1	-1.1	0.2	0.1	12612952	0.2	
21	58.1	1435.7	7	0.8	-0.9	0.8	0.4	11829096	0.3	
21	57.8	1435.7	5	-0.6	-0.8	-1.6	0.5	11196524	0.4	
21	57.5	1435.8	5.7	0.4	-0.5	-0.5	0.6	10628173	0.4	
21	57.2	1436	5.6	-0.2	-0.1	-0.3	0.7	10114734	0.4	
21	56.9	1436	6.4	0.3	-0.1	0.2	0.8	9604358	0.6	
21	56.6	1436.1	5.3	-0.7	-0.2	-0.9	0.8	9143013	0.7	
21	56.3	1436.2	5.3	-1	-0.1	-0.7	0.7	8760460	0.7	
21	56	1435.9	6.1	-0.5	-0.2	0.5	0.4	8375000	0.7	
21	55.7	1435.8	6.4	-0.7	-0.2	0.1	0.2	7961027	0.6	
21	55.4	1435.7	7.2	0.4	-0.3	2.2	0.2	7558664	0.6	
21	55.1	1435.6	5.9	-1	-0.5	0.2	0.2	7170377	0.6	
21	54.8	1435.6	6.3	-0.4	-0.5	1	0.1	6797890	0.5	
21	54.5	1435.6	6.9	-0.1	-0.5	1.1	0.1	6442308	0.4	
21	54.2	1435.7	7.2	0.3	-0.5	1.8	0.2	6140030	0.4	
21	53.9	1435.7	6.7	-0.2	-0.7	1.5	0.4	5864846	0.6	
21	53.6	1435.8	6.3	-0.1	-0.6	1	0.6	5628360	0.7	
21	53.3	1435.9	6.8	0.1	-0.5	1.4	0.7	5396263	0.8	
21	53	1436	6.2	-0.2	-0.3	0.5	0.8	5234375	0.8	
21	52.7	1436	6.9	1.5	-0.4	1.9	0.8	5157020	0.9	
21	52.4	1436	6.1	1.4	-0.5	0.5	0.8	5144349	0.9	
21	52.1	1436	6.1	1.5	-0.3	0.9	0.6	5182550	0.9	
21	51.8	1435.9	6.4	2.3	-0.2	0.8	0.4	5221322	1	
21	51.5	1435.8	6.4	2.2	-0.3	1.4	0.3	5300633	0.9	
21	51.2	1435.6	6	1.6	-0.4	1	0.2	5396263	0.9	
21	50.9	1435.5	6.1	1.6	-0.5	0.6	0.1	5466710	0.7	
21	50.6	1435.4	5.9	0.7	-0.7	0.7	0.2	5539021	0.6	
21	50.3	1435.6	5.9	0.6	-0.6	0.2	0.3	5539021	0.4	
21	50	1435.7	6.7	1	-0.7	1.1	0.6	5509869	0.3	
21	49.7	1435.8	5.3	-0.7	-0.7	-0.4	0.7	5410207	0.2	
21	49.4	1435.7	6	-0.4	-0.8	0.3	0.7	5287248	0.2	
21	49.1	1435.9	5.1	-1.6	-0.6	-1	0.7	5131741	0.2	
21	48.8	1435.9	5.5	-0.6	-0.5	0.1	0.7	4997017	0.3	
21	48.5	1436	5.6	-0.7	-0.5	-0.1	0.8	4880536	0.4	
21	48.2	1435.8	5.5	-1	-0.5	0.4	0.7	4791190	0.4	
21	47.9	1435.8	5.4	-1.2	-0.6	0.3	0.6	4726298	0.6	
21	47.6	1435.7	5.8	-1.1	-0.8	0.1	0.5	4673549	0.6	
21	47.3	1435.7	5.7	-1.6	-0.9	0.9	0.5	4632191	0.8	
21	47	1435.8	5.5	-0.9	-0.8	0.2	0.6	4601649	0.8	
21	46.7	1435.8	6.2	-0.6	-0.9	1.7	0.7	4571507	0.8	
21	46.4	1435.7	5.4	-1.1	-1	0.5	0.8	4531927	0.8	
21	46.1	1435.8	6.2	-0.5	-1.2	1.7	1.1	4483405	0.8	
21	45.8	1435.8	5.2	-1.1	-1.3	0.2	1.4	4398635	0.8	
21	45.5	1436.1	5.5	-1.5	-1.1	0.8	1.7	4299282	0.6	
21	45.2	1436.3	5.9	0.9	-0.9	0.6	1.9	4179142	0.4	
21	44.9	1436.4	5.9	0.2	-0.8	-0.1	2	4057655	0	
21	44.6	1436.3	6.2	0.6	-0.8	0	2	3935621	-0.2	
21	44.3	1436.2	5.5	-0.9	-0.6	-1.1	1.8	3813753	-0.2	
21	44	1436	6	0.7	-0.6	-0.1	1.6	3705753	0	
21	43.7	1435.8	5	-0.3	-0.6	-1.4	1.2	3609914	0.3	
21	43.4	1435.5	6.2	0.1	-0.7	1	0.9	3530776	0.6	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
21	43.1	1435.2	5.2	-1.2	-0.8	-0.1	0.5	3460744	0.9	
21	42.8	1434.9	5.6	-1.6	-1	0.7	0.1	3398945	1.2	
21	42.5	1434.6	6.3	0.4	-1	1.9	-0.2	3339315	1.7	
21	42.2	1434.3	6.5	0.2	-1.1	2.3	-0.4	3281740	2	
21	41.9	1434.3	6.7	-0.2	-1.2	2.9	-0.2	3221154	2.1	
21	41.6	1434.4	6.7	-0.5	-1.1	2.1	-0.2	3157994	1.5	
21	41.3	1434.6	7.2	0.5	-1	2.7	0	3097264	1	
21	41	1434.9	6.4	0.1	-0.7	0.8	0.2	3034421	0.4	
21	40.7	1435	7	0.2	-0.6	1.6	0.4	2978308	0	
21	40.4	1435.2	6.3	0.1	-0.7	0	0.7	2932424	-0.3	
21	40.1	1435.2	6.3	-0.6	-0.8	-0.2	0.8	2891920	-0.7	
21	39.8	1435.2	6.2	0.1	-0.9	-1.1	0.9	2864228	-0.9	
21	39.5	1435.2	6.3	0.2	-0.9	-1.1	0.9	2844770	-1	
21	39.2	1435.3	6.2	-0.2	-1.1	-1.3	1	2833221	-0.9	
21	38.9	1435.3	6	-0.4	-1.2	-1.6	1	2817968	-0.7	
21	38.6	1435.3	5.9	-0.1	-1.4	-0.8	1	2802879	-0.4	
21	38.3	1435.3	5.6	-0.5	-1.4	-1.3	0.9	2795394	-0.1	
21	38	1435.5	6.3	0.4	-1.3	-0.1	1	2791667	0.4	
21	37.7	1435.8	5.4	-0.5	-1	-1.1	1	2791667	0.6	
21	37.4	1436	6.3	-0.4	-0.9	0.9	1	2795394	0.7	
21	37.1	1436.2	6.1	0.8	-0.7	0	1	2806636	0.7	
21	36.8	1436.4	6.6	0.6	-0.8	0.8	1.1	2821766	0.7	
21	36.5	1436.5	6.6	1.5	-0.7	0.4	1.2	2844770	0.7	
21	36.2	1436.5	6.3	0.8	-0.7	0.1	1.2	2872086	0.7	
21	35.9	1436.6	6.7	1.1	-0.7	0.8	1.3	2912031	0.6	
21	35.6	1436.5	7.3	1.8	-0.9	0.9	1.3	2957275	0.5	
21	35.3	1436.5	7.8	2.4	-1.3	1.5	1.6	3012590	0.5	
21	35	1436.6	6.1	0.3	-1.3	-0.8	1.7	3070015	0.4	
21	34.7	1436.6	7.3	1.6	-1.4	1	1.7	3120343	0.4	
21	34.4	1436.8	6.9	1.4	-1.3	0	1.8	3167550	0.4	
21	34.1	1436.8	7.9	1.7	-1.4	1.4	1.8	3196565	0.4	
21	33.8	1436.8	7.9	2.5	-1.5	1.2	1.9	3211273	0.4	
21	33.5	1436.7	7.4	1.2	-1.7	0.8	1.9	3196565	0.4	
21	33.2	1436.7	7.6	2.4	-1.6	0.7	1.9	3157994	0.3	
21	32.9	1436.6	8.2	2.7	-1.6	0.8	1.9	3097264	0.1	
21	32.6	1436.3	8.3	2.4	-2	1.9	1.9	3012590	0	
21	32.3	1436.3	7.3	1.4	-1.9	0.3	1.9	2912031	-0.2	
21	32	1436.3	8.1	1.9	-1.9	1.5	1.8	2802879	-0.3	
21	31.7	1436.4	7.3	1.8	-1.5	-0.1	1.7	2708603	-0.5	
21	31.4	1436.4	7.9	1.9	-1.4	1.1	1.6	2620464	-0.6	
21	31.1	1436.4	7.4	2.4	-1.4	1.1	1.6	2550244	-0.6	
21	30.8	1436.3	7.2	1	-1.3	1	1.4	2495531	-0.7	
21	30.5	1436.2	7.3	2.1	-1.2	0.7	1.3	2457454	-0.8	
21	30.2	1436.2	6.8	1.2	-0.9	0.6	1.3	2440269	-0.8	
21	29.9	1436.1	6.4	0.1	-0.9	1.2	1.3	2440269	-0.7	
21	29.6	1436	5.8	-0.7	-0.8	0.4	1.2	2460341	-0.7	
21	29.3	1435.6	5.9	-0.8	-1	1	1	2495531	-0.6	
21	29	1435.6	4.5	-2.2	-1.1	0.2	1.1	2544047	-0.2	
21	28.7	1435.7	4.1	-3.1	-1	0.7	1.1	2604167	-0.2	
21	28.4	1435.7	3.3	-3.1	-0.8	0.2	1	2667198	-0.2	
21	28.1	1435.6	3.4	-3.6	-0.8	0.4	0.8	2729792	-0.2	
21	27.8	1435.3	2.5	-3.8	-0.8	-0.3	0.6	2795394	-0.2	
21	27.5	1435	1.8	-4.5	-0.9	-0.3	0.4	2856413	-0.4	
21	27.2	1434.9	1.3	-4.9	-0.8	-0.7	0.2	2912031	-0.7	
21	26.9	1434.9	1.3	-5	-0.7	-0.2	0.2	2957275	-0.8	
21	26.6	1434.8	0.3	-5.9	-0.7	-0.7	0.1	2995351	-0.6	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
21	26.3	1434.8	-0.9	-6.9	-0.6	-1	0.1	3030029	0.3	
21	26	1434.8	-1.4	-7.3	-0.8	-0.2	0.1	3052114	1.5	
21	25.7	1435	-1.7	-7.3	-1	0.6	0.3	3065520	3	
21	25.4	1434.9	-1.5	-7.8	-1.2	1.8	0.4	3065520	4.4	
21	25.1	1434.9	-3	-8.4	-1.4	2.6	0.6	3074523	6.5	
21	24.8	1435	-3.1	-9.4	-1.6	3.9	0.9	3074523	8.4	
21	24.5	1435.1	-4.5	-10.6	-1.8	3.6	1	3061039	9.8	
21	24.2	1435.2	-3.7	-10.3	-1.9	5.4	1.2	3043242	10.7	
21	23.9	1435	-3.3	-9.9	-2.3	6.5	1.3	3021285	10.9	
21	23.6	1435.3	-2.7	-9	-2.2	6.8	1.5	3003946	10.3	
21	23.3	1435.8	-1.9	-8.6	-2	6.4	1.7	2999642	8.9	
21	23	1436.1	-0.2	-7.5	-1.7	5.9	1.8	3003946	7	
21	22.7	1436.4	0.1	-7.7	-1.5	5.1	2	3025651	5.2	
21	22.4	1436.6	1.5	-4.6	-1.4	4.6	2.2	3061039	3.3	
21	22.1	1436.9	2.2	-5.1	-1	3.7	2.4	3115700	0.9	
21	21.8	1437.1	2.9	-4	-0.8	2.1	2.4	3191693	-1.5	
21	21.5	1437.3	3.1	-4.8	-0.4	0.2	2.4	3286892	-3.6	
21	21.2	1437.2	3.1	-4.8	-0.4	-1.5	2.2	3398945	-5.2	
21	20.9	1437.2	2.8	-4.6	-0.5	-3.2	2	3518908	-6.4	
21	20.6	1437.1	3.3	-4.3	-0.4	-4.6	1.7	3634983	-7.6	
21	20.3	1436.8	3.5	-4.7	-0.5	-5.4	1.3	3745528	-8.5	
21	20	1436.5	3.5	-4.8	-0.5	-7.2	0.8	3848806	-9.3	
21	19.7	1435.9	3.3	-4	-0.6	-7.9	0.2	3943032	-9.9	
21	19.4	1435.7	2.2	-5.9	-0.4	-9.1	-0.3	4011016	-9.8	
21	19.1	1435.5	1.9	-5.4	-0.4	-8.8	-0.6	4034201	-8.9	
21	18.8	1435.5	1.5	-6.4	-0.1	-7.9	-0.9	4041989	-7.6	
21	18.5	1435.5	1.2	-6.2	0	-6.6	-0.9	4026443	-5.8	
21	18.2	1435.6	0.9	-6.3	0.2	-4.6	-0.9	3988096	-4.1	
21	17.9	1435.6	0.8	-6.5	0.2	-3.9	-0.8	3928237	-2.6	
21	17.6	1435.8	1.2	-5.6	0.4	-2	-0.6	3855894	-0.9	
21	17.3	1435.7	0.5	-5.9	0.3	-0.7	-0.4	3772523	1	
21	17	1435.7	0.2	-5.6	-0.1	1.1	-0.1	3686180	2.9	
21	16.7	1435.7	0.5	-5.4	-0.5	2.9	0.2	3616149	4.1	
21	16.4	1435.8	0.5	-4	-0.9	3.4	0.4	3548729	4.8	
21	16.1	1435.6	1.2	-2.9	-1.5	4.4	0.7	3495409	5.3	
21	15.8	1435.6	-0.5	-3.8	-1.9	3.7	1	3460744	6.1	
21	15.5	1435.6	0.6	-2.8	-2.2	5.1	1.3	3455033	6.4	
21	15.2	1435.5	1.1	-1.4	-2.4	5.4	1.4	3472223	6.5	
21	14.9	1435.7	1	-0.8	-2.4	5.3	1.7	3518908	6.2	
21	14.6	1436.1	1.7	0.4	-2.2	5.8	2	3597509	5.4	
21	14.3	1436.5	1.5	0.2	-1.9	4.1	2.2	3692681	4.5	
21	14	1437	2.2	1.9	-1.5	4.1	2.3	3820712	3.4	
21	13.7	1437.3	2.9	3.8	-1.1	3.2	2.3	3972961	2.4	
21	13.4	1437.4	3	4.4	-0.8	3.1	2	4154266	1.6	
21	13.1	1437.4	3.1	4.8	-0.6	2.4	1.8	4361980	1	
21	12.8	1437.3	3.3	4.8	-0.3	1.5	1.4		0.1	
21	12.5	1437.1	3.4	6.4	-0.5	0.7	1.1		-0.6	
21	12.2	1437	2.5	5.6	-0.4	-0.9	0.7		-1	
21	11.9	1436.7	3.3	7.8	-0.5	0.3	0.2		-1.2	
21	11.6	1436.5	2.5	6.2	-0.5	-1.1	-0.2		-1.2	
21	11.3	1436.6	3.1	6.4	-0.4	-0.8	-0.5		-1.3	
21	11	1436.7	3.5	6.2	-0.4	-0.2	-0.5		-1.2	
21	10.7	1436.8	2.9	4.8	-0.2	-0.9	-0.5		-0.9	
21	10.4	1436.9	2.7	2.9	-0.1	-0.6	-0.4		-0.6	
21	10.1	1437.2	3.2	3.1	0.2	0	-0.2		-0.4	
21	9.8	1437.3	3	1.5	0.2	0.2	0		0	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
21	9.5	1437.5	2.2	0	0.5	-0.6	0.3		0.4	
21	9.2	1437.5	2.6	-0.3	0.4	0.8	0.7		1	
21	8.9	1437.7	2.3	-0.8	0.4	0.5	1		1.3	
21	8.6	1437.8	2.1	-1	0.2	1.6	1.3		1.5	
21	8.3	1437.6	2.6	-0.2	-0.3	3.5	1.5		1.8	
21	8	1437.5	2.1	-1.2	-0.5	0.8	1.6		2	
21	7.7	1437.2	2.2	-1.3	-0.9	0.4	1.6		1.9	
21	7.4	1437.1	3.2	-0.3	-1.1	1	1.6		1.7	
21	7.1	1436.7	3.1	-0.2	-1.5	1.2	1.5		1.5	
21	6.8	1436.3	3.2	1	-1.8	1	1.3		1.4	
21	6.5	1436.1	3.2	1.3	-1.9	0.5	1.2		1.1	
21	6.2	1436	0.6	-0.9	-2	-2.3	1		0.5	
21	5.9	1436	-1	-2.2	-1.7	-4.6	0.7		0.2	
21	5.6	1435.9	4	3.1	-1.5	0.2	0.4		-0.2	
21	5.3	1435.8	4.2	3.4			0.1		-0.4	
21	5	1435.8	4.8	3.6			-0.2		-0.5	
21	4.7	1435.9	4.7	4.2			-0.4		-0.7	
21	4.4	1436.1	4.5	4.3			-0.5		-0.8	
21	4.1	1436	5.2	4.7			-0.7		-1	
21	3.8	1436.2	4.7	4.2			-0.8		-0.6	
21	3.5	1436.4	5.1	3.9			-0.8		-0.7	
21	3.2	1436.5	5.1	5.6			-0.7		-0.7	

Perfil	STE Metro CDMX
Lugar Inicial	20km 859.463m
PK Final	18km 931.663m
Sentido De Avance	Decremento
Referencias Trabajo	VIA 2
ID Ruta/Liena	Mexicaltzingo Atlalilco
ID Vía	Via Principal
Hora Inicial	16:23:18 09-dic.-21
Hora Final	16:49:32 09-dic.-21
Versión Software	TOP01S020r0010(74)
Unid. Desplazamiento	Milímetros
Unidad Longitud	Milímetros
Unidad de ángulo	Grados
ID Perfil	L12
Signo del Peralte	Sentido horario
Intervalo adquisición	300.0mm (300.0mm)
Nivel. I superpuesto 1	12600.0mm
Nivel. I superpuesto 2	19000.0mm
Base Radio Derecho	20.0m (20.1m)
Base Radio Curv.Prom D	20.0m
Base Áng.Curv. Prom. D	20.0m
Áng.Curv.Cuerda Der	20.0m
Nivel. D superpuesto 1	20.0m
Nivel. D superpuesto 2	20.0m
Temp. Sistema Inicial	24.0°C
Temp. Sistema final	21.4°C
Ancho Referencia	1435.0mm
Ancho Refcia. Peralte	1500.0mm
Long. Cuerda Delantera	2500.0mm (2400.0mm)
Long. cuerda trasera	2500.0mm (2400.0mm)
Temperatura Nivelación	23.8°C

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
20	859.163	1433.7	-4.3				-0.9		9.6	
20	858.863	1433.5	-3.6				-1.3		9.5	
20	858.563	1433.7	-3.8				-1.4		9.4	
20	858.263	1433.8	-3.9				-1.7		9	
20	857.963	1433.8	-3				-2.1		8.6	
20	857.663	1434.2	-3.3				-2.3		8.1	
20	857.363	1434.2	-2.6				-2.3		7.6	
20	857.063	1434.1	-2.5				-2.3		7	
20	856.763	1434	-3.3		2.9	9	-2.2		6.6	
20	856.463	1433.9	-4		2.7	7.9	-2		6.3	
20	856.163	1433.6	-4.9		2.3	7.2	-2		6.1	
20	855.863	1433.7	-5.6		2.2	7	-1.7		6	
20	855.563	1433.7	-6.3		2	6.4	-1.4		6	
20	855.263	1433.4	-6.7		1.6	6	-1.4		6	
20	854.963	1433.4	-6.6		1.6	5.9	-1.3		5.9	
20	854.663	1433.3	-6.6		1.4	6.1	-1.2		5.9	
20	854.363	1432.9	-7.2		0.9	6.1	-1.3		6	
20	854.063	1432.8	-7.5		0.9	6.2	-1.4		6	
20	853.763	1432.8	-8.1		1	6.4	-1.3		6.1	
20	853.463	1432.6	-9.3		0.6	6.2	-1.1		6.6	
20	853.163	1432.4	-10.3		0.3	6.6	-1.1		7.6	
20	852.863	1432.1	-10		0.1	8.1	-1		8.4	
20	852.563	1432	-10.6		-0.3	8.4	-0.7		9.1	
20	852.263	1432.1	-11.1		-0.6	9.1	-0.3		9.8	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
20	851.963	1432.6	-11.2		-0.4	9.9	0.3		10.3	
20	851.663	1432.7	-11.4		-0.7	10.4	0.8		10.9	
20	851.363	1432.7	-11.8		-1	10.2	1		11.3	
20	851.063	1432.6	-12.1		-1	11	1		11.7	
20	850.763	1432.7	-12.3		-0.8	11.5	1.1		11.8	
20	850.463	1432.6	-12.6		-0.7	11.2	1		11.9	
20	850.163	1432.6	-13.2		-0.5	11.5	0.7		12	
20	849.863	1432.6	-14.2		-0.1	11.1	0.4		12	
20	849.563	1432.5	-14.4		-0.1	10.6	0		11.9	
20	849.263	1432.5	-14.2		0.2	11	-0.5	5287248	11.5	
20	848.963	1432.7	-13.3		0.6	12	-0.8	4715653	10.8	
20	848.663	1432.6	-13.4		0.7	11.4	-1	4229798	10.1	
20	848.363	1432.4	-13.6		0.5	11	-1.1	3820712	9.6	
20	848.063	1432.5	-13.8		0.4	10.7	-0.9	3466474	9.3	
20	847.763	1432.7	-14.8		0.2	9.8	-0.3	3172349	9	
20	847.463	1432.5	-15.5		-0.1	9.1	-0.2	2920154	8.7	
20	847.163	1432.7	-15		-0.6	10	0.5	2705104	8.2	
20	846.863	1432.9	-15.9		-1.1	8.4	1.3	2525634	7.5	
20	846.563	1433.1	-17.1	-12.8	-1.9	6.4	2	2368496	7.2	
20	846.263	1433.2	-17.3	-13.7	-1.9	7.2	2.5	2227394	7.2	
20	845.963	1433.4	-17.7	-13.9	-2.1	6.9	3	2100051	7.3	
20	845.663	1433.3	-17.8	-13.9	-2.6	6.7	3.2	1990257	7.1	
20	845.363	1433	-17.9	-14.9	-2.9	7.2	3	1889667	7	
20	845.063	1433.1	-17.6	-14.3	-2.8	8.2	3.1	1794131	7.2	
20	844.763	1433.1	-19.2	-16.6	-2.9	6.7	3.1	1706399	7.6	
20	844.463	1433	-19.4	-16.9	-3.1	8.1	2.9	1625583	8	
20	844.163	1433.2	-19.3	-16	-2.8	9.2	2.9	1550927	8.3	
20	843.863	1432.7	-21.1	-17.1	-3.4	8.2	2.7	1483878	8.7	
20	843.563	1432.7	-20.9	-16	-3.3	9	2.5	1423353	8.9	
20	843.263	1432.9	-21	-15.4	-3.2	9.7	2.5	1368465	8.9	
20	842.963	1433	-21.4	-15.1	-3.2	9	2.6	1317654	8.8	
20	842.663	1433	-21.7	-15	-3.5	9	2.6	1269710	8.8	
20	842.363	1433.1	-21.6	-15	-3.4	9.9	2.7	1226568	8.7	
20	842.063	1433.4	-23.1	-16.5	-3.2	8.6	2.9	1188956	8.5	
20	841.763	1433.2	-23.4	-16.2	-3.2	8.5	2.6	1156131	8.4	
20	841.463	1433.5	-24	-16.5	-2.6	9.3	2.6	1125673	8.3	
20	841.163	1433.7	-24.2	-16.1	-2.5	9	2.8	1097355	8.2	
20	840.863	1434	-25.8	-16.5	-2.5	7.6	2.9	1069332	8	
20	840.563	1434.3	-25.3	-15	-2.2	8.4	3	1042706	7.8	
20	840.263	1434.7	-26.2	-16.2	-2	8.1	3.3	1017867	7.8	
20	839.963	1434.5	-26.4	-15.8	-2.3	7.4	3.4	993242	7.8	
20	839.663	1434.4	-27.1	-16	-2.4	7.7	3.4	968434	7.6	
20	839.363	1434.4	-27.7	-16.5	-2.5	7.7	3.8	943132	7.8	
20	839.063	1434.3	-28.9	-17.5	-2.9	7.2	3.9	917508	7.8	
20	838.763	1434.2	-29.1	-17.3	-3	7.2	3.8	891718	7.9	
20	838.463	1434.3	-29.7	-17.6	-3.2	8.1	3.9	866620	7.9	
20	838.163	1434	-30.4	-18.1	-3.6	7.4	3.9	842557	8.1	
20	837.863	1433.8	-31.3	-18.7	-3.8	7.2	3.5	819153	8	
20	837.563	1433.7	-30.4	-17.2	-3.7	8.4	3.4	797014	8	
20	837.263	1433.4	-31.3	-17.1	-4.1	8.3	3.4	774604	8.1	
20	836.963	1433	-31.7	-17.3	-4.4	7.9	3.2	753963	8.4	
20	836.663	1433.1	-32.6	-18.4	-4.3	8.5	3.3	735425	8.6	
20	836.363	1433.2	-32.6	-19.3	-4.4	8.8	3.6	719751	8.8	
20	836.063	1433.2	-34	-20.6	-4.5	7.5	3.7	706396	9	
20	835.763	1433.2	-34	-20.4	-4.6	8.7	3.8	694677	9.2	
20	835.463	1433.5	-34.7	-20.9	-4.5	8.8	4.2	684682	9.6	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
20	835.163	1433.6	-35.2	-20.4	-4.8	8.9	4.5	675842	10.1	
20	834.863	1433.8	-35.9	-20.4	-4.6	9	4.7	668718	10.3	
20	834.563	1434	-34.7	-19.7	-4.3	10.5	4.9	663632	10.2	
20	834.263	1433.8	-36.1	-20.2	-4.6	9.6	4.9	659036	10.3	
20	833.963	1433.9	-36.1	-19	-4.6	9.3	4.7	654299	9.9	
20	833.663	1433.8	-35.4	-18.1	-4.7	11	4.7	648423	9.9	
20	833.363	1434	-36.7	-19	-4.7	9.5	4.8	641470	9.6	
20	833.063	1433.9	-36.5	-18.7	-4.9	10.2	4.8	633704	9.4	
20	832.763	1434.1	-37.6	-19.7	-4.7	10	5	625189	9.4	
20	832.463	1434.1	-37.9	-20.3	-4.8	9.9	5.1	615811	9.2	
20	832.163	1433.8	-38.4	-19.2	-5.2	9	5.1	605658	9.2	
20	831.863	1434	-38.2	-18.8	-5.2	10	5.3	595325	9	
20	831.563	1434.4	-38.3	-19	-5.3	9.5	5.7	584359	8.8	
20	831.263	1434.4	-39.1	-18	-5.3	8.4	5.8	573790	8.7	
20	830.963	1434.6	-39.2	-18.3	-5.3	8.9	6	563900	8.6	
20	830.663	1434.4	-39.8	-18.8	-5.6	8.5	6.1	554933	8.5	
20	830.363	1434	-41.1	-19.7	-5.8	7.5	5.9	546674	8.4	
20	830.063	1433.8	-41.3	-19.6	-6	8.3	5.8	539629	8.5	
20	829.763	1433.8	-41.6	-20	-6	8.4	5.8	533171	8.5	
20	829.463	1434	-42.3	-19.2	-6.2	8.2	5.8	527130	8.4	
20	829.163	1434	-42	-18.6	-6.4	8.6	5.7	521745	8.4	
20	828.863	1434.1	-42.2	-18.2	-6.4	9.4	5.8	516596	8.3	
20	828.563	1433.8	-42.4	-18.2	-6.8	8.6	5.8	511297	8	
20	828.263	1433.8	-43	-17.2	-6.9	8.4	5.8	505740	7.8	
20	827.963	1433.7	-42.8	-17.5	-7.1	9.8	6.2	500063	7.8	
20	827.663	1433.9	-44.3	-18.1	-7.3	8.1	6.8	493696	7.6	
20	827.363	1434.3	-44.7	-18.3	-7.4	8.5	7.4	487035	7.7	
20	827.063	1434.7	-46.1	-19	-7.2	7.9	7.9	480442	7.8	
20	826.763	1434.9	-46.1	-18.4	-7.3	7.9	8.3	473702	7.8	
20	826.463	1435	-47.5	-18.6	-7.4	7.2	8.2	467150	8.1	
20	826.163	1435.1	-46.8	-17.7	-7	8	8	460979	8.2	
20	825.863	1435.4	-47.5	-17.8	-6.7	8.4	8	454969	8.4	
20	825.563	1435.3	-48.6	-18.2	-6.4	6.6	7.6	449017	8.4	
20	825.263	1435	-48.2	-16.9	-6.2	8.3	7	443407	8.4	
20	824.963	1434.7	-49.3	-18.9	-6.1	8	6.4	438302	8.6	
20	824.663	1434.1	-50.1	-18.8	-6	7.9	5.5	433223	8.6	
20	824.363	1433.8	-50.3	-18.6	-6	8.5	5.1	428173	8.8	
20	824.063	1434.3	-51	-18.4	-5.5	9	5.2	423240	9.2	
20	823.763	1434.5	-50.8	-18.2	-5.8	10	5.6	418085	9.5	
20	823.463	1434.5	-51.9	-17.9	-6.4	9	6	413054	9.7	
20	823.163	1434.5	-50.7	-16.7	-6.9	11.2	6.5	408301	9.6	
20	822.863	1434.5	-51.9	-17.2	-7.3	9.5	7.1	403657	9.6	
20	822.563	1434.5	-52.6	-17.4	-7.8	9.8	7.7	399346	9.6	
20	822.263	1434.6	-52.8	-16.9	-7.9	10	8.4	395275	9.4	
20	821.963	1434.5	-54	-19.3	-8.3	9	8.9	391505	9.1	
20	821.663	1434.3	-54.1	-18	-8.9	9.1	9.2	387951	8.6	
20	821.363	1434.3	-55.7	-19.6	-9.1	7.9	9.2	384814	8.6	
20	821.063	1434.4	-54.9	-19.5	-9.1	8.9	9.2	381797	8.5	
20	820.763	1434.4	-56.1	-19.4	-9	7.6	8.9	378826	8.5	
20	820.463	1434.5	-55.4	-18.9	-8.8	9.2	8.7	375834	8.4	
20	820.163	1434.5	-56.3	-18.7	-8.7	8.2	8.3	372690	8.2	
20	819.863	1434.1	-56.6	-18.7	-9.1	8.6	8.1	369337	8.2	
20	819.563	1433.9	-57.5	-19.1	-9.1	8.8	7.9	365917	8.2	
20	819.263	1433.8	-58.2	-20	-9.1	8.6	7.9	362496	8.2	
20	818.963	1433.9	-59.1	-20.8	-8.9	8.6	7.9	358953	8	
20	818.663	1434.1	-58.8	-19.7	-8.7	9	8	355480	7.8	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
20	818.363	1434.6	-59.7	-20.5	-8.6	8.7	8.4	352191	7.7	
20	818.063	1434.8	-60.4	-20.6	-8.8	7.4	8.6	349137	7.6	
20	817.763	1435.2	-60.1	-19	-8.7	8.4	8.9	346480	7.5	
20	817.463	1435.6	-61.2	-19.9	-8.4	7.6	9.2	344315	7.5	
20	817.163	1435.7	-62.3	-20.7	-8.3	7	9.3	342624	7.5	
20	816.863	1435.6	-63.1	-20.8	-8.7	7.3	9.4	341229	7.8	
20	816.563	1435.4	-63.7	-21.7	-9	7.5	9.5	340065	8.1	
20	816.263	1435.2	-65.1	-22.9	-9.5	6.9	9.6	338854	8.7	
20	815.963	1435.2	-65.3	-22.9	-9.9	7.6	9.7	337325	8.9	
20	815.663	1435.5	-65	-22	-9.9	8.4	9.9	335595	9	
20	815.363	1435.6	-65.8	-23	-10.2	7.9	10.1	333457	9.4	
20	815.063	1435.4	-66	-21.7	-10.4	8.1	10	330771	9.6	
20	814.763	1435.5	-66.1	-21.4	-10.7	9.5	10.3	327665	10	
20	814.463	1436	-67.1	-21	-10.3	8.9	10.6	324065	10.2	
20	814.163	1436	-67.1	-21	-10.3	9.4	10.6	320248	10.3	
20	813.863	1436.2	-67.7	-20.2	-10.2	10	10.8	316616	10.5	
20	813.563	1436.2	-68.2	-21.4	-10.1	9.6	10.8	313300	10.5	
20	813.263	1436.1	-68.3	-20.8	-10.4	9.3	10.7	310374	10.5	
20	812.963	1436.2	-68.4	-19.8	-10.4	9.7	10.7	307909	10.2	
20	812.663	1436.1	-67.7	-19.5	-10.4	10.3	10.6	306019	10	
20	812.363	1436.1	-68.9	-19.6	-10.5	8.9	10.5	304639	9.9	
20	812.063	1435.9	-68.5	-18.4	-10.7	9.5	10.2	303799	9.7	
20	811.763	1436	-68.7	-18.4	-10.7	9.5	10.2	303359	9.5	
20	811.463	1436	-69.2	-18.2	-10.8	8.6	10.1	303052	9.1	
20	811.163	1435.8	-69.4	-18.6	-11.1	8.9	10.1	302833	8.9	
20	810.863	1436	-69.3	-17.4	-10.9	9	10.3	302614	8.7	
20	810.563	1436.2	-69.9	-19.2	-10.8	7.9	10.5	302177	8.5	
20	810.263	1436.3	-70	-18.1	-10.6	7.7	10.6	301524	8.3	
20	809.963	1436.7	-69.7	-17.1	-10.3	7.6	10.9	300400	7.8	
20	809.663	1436.8	-69.5	-16.7	-10.2	7.7	11.1	298984	7.6	
20	809.363	1436.9	-70.2	-16.2	-10.2	6.1	11.2	297286	7.2	
20	809.063	1437.3	-69.8	-15.7	-10	7.2	11.4	295482	6.9	
20	808.763	1437.4	-70.5	-14.8	-9.9	6	11.5	293577	6.7	
20	808.463	1437.2	-70.8	-15.9	-10	5.6	11.3	291614	6.6	
20	808.163	1436.7	-70.2	-14.1	-10.5	6.7	11	289758	6.7	
20	807.863	1436.4	-71.1	-15.7	-10.7	5.8	10.8	287964	6.8	
20	807.563	1436.1	-70.2	-13.9	-11.1	6.9	10.6	286311	6.9	
20	807.263	1435.8	-70.6	-14	-11.4	6.6	10.4	284869	6.8	
20	806.963	1435.8	-69.5	-12	-11.3	7.8	10.4	283519	6.8	
20	806.663	1435.8	-70.9	-12.7	-11.6	6.5	10.4	282258	7.1	
20	806.363	1435.8	-70.2	-11.1	-11.6	7.6	10.4	281084	7.2	
20	806.063	1435.9	-70.2	-11.4	-11.8	8.2	10.8	279994	7.5	
20	805.763	1436.2	-70.5	-10.8	-11.6	7.8	11.2	278986	7.5	
20	805.463	1436.3	-70.3	-9.9	-11.8	8.6	11.6	278060	7.6	
20	805.163	1436.6	-70.7	-10.6	-11.8	8	12.1	277250	8	
20	804.863	1436.7	-71.3	-10.1	-11.8	8	12.4	276408	8.3	
20	804.563	1436.5	-70.8	-8.5	-12.2	7.9	12.6	275680	8.6	
20	804.263	1436.7	-70.9	-7.8	-12.2	8.7	12.8	275137	8.7	
20	803.963	1436.6	-70.7	-7	-12.4	8.2	12.7	274704	8.8	
20	803.663	1436.5	-71	-5.9	-12.6	8.2	12.6	274452	9.1	
20	803.363	1436.6	-71.3	-6	-12.4	8.2	12.3	274308	9.4	
20	803.063	1436.6	-71.5	-6.5	-12.2	8.3	11.9	274200	9.5	
20	802.763	1436.4	-71.3	-5.5	-12	8.6	11.3	274200	9.4	
20	802.463	1436.4	-71.3	-5.3	-11.9	9	10.8	274272	9.5	
20	802.163	1436.4	-70.7	-4.6	-11.3	8.7	10.3	274452	9.6	
20	801.863	1436.5	-70.9	-3.8	-10.7	8.6	9.9	274560	9.5	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
20	801.563	1436.7	-70	-2.9	-10.2	9.2	9.9	274632	9.4	
20	801.263	1437.1	-69.9	-2.2	-9.4	8.8	9.7	274596	9	
20	800.963	1437.2	-69.7	-1.5	-9.2	9.1	9.7	274488	8.8	
20	800.663	1437.5	-70.3	-2	-9	9	9.9	274380	8.7	
20	800.363	1437.7	-70.2	-1.8	-9	9	10.2	274308	8.6	
20	800.063	1438.4	-70.3	-2.6	-9.1	8.6	10.9	274236	8.4	
20	799.763	1438.3	-68.8	0.1	-9.8	9.6	11.4	274272	7.7	
20	799.463	1437.9	-69.1	-0.6	-10.6	8.8	11.9	274416	7.2	
20	799.163	1437.5	-69	-0.3	-11.4	8.4	12.2	274668	6.8	
20	798.863	1437.1	-68.5	0.7	-12.2	8	12.5	275101	6.3	
20	798.563	1436.8	-68.8	0.6	-12.8	7.9	12.8	275717	6.1	
20	798.263	1436.7	-69.6	-0.3	-13.3	6.9	13	276372	6	
20	797.963	1436.7	-69.8	0.1	-13.7	6.8	13.1	277030	6	
20	797.663	1436.8	-69.7	0.3	-14.2	6.9	13.1	277691	5.9	
20	797.363	1436.9	-70.6	-0.9	-13.9	5.3	12.9	278282	6	
20	797.063	1436.8	-70.4	-0.9	-13.9	5.9	12.8	278726	6	
20	796.763	1436.8	-71.1	-0.9	-13.6	5.7	12.7	279135	6	
20	796.463	1436.6	-70.6	-0.8	-13.5	5.7	12.6	279433	6	
20	796.163	1436.4	-71.5	-1	-13.4	5.4	12.5	279620	6.4	
20	795.863	1436.6	-70.8	0	-13	6.5	12.4	279881	6.7	
20	795.563	1436.9	-70.9	-0.7	-12.7	7.1	12.4	280256	7.1	
20	795.263	1437.3	-71.2	-0.1	-12.1	6.4	12.3	280782	7.4	
20	794.963	1437.6	-71.1	-0.9	-11.7	7.2	12.3	281499	7.6	
20	794.663	1437.9	-71.5	-0.9	-11.1	7.2	12.3	282334	7.9	
20	794.363	1437.9	-72.6	-3.1	-10.7	6.5	12.1	283328	8.1	
20	794.063	1437.8	-72.1	-1.2	-10.4	7.4	11.8	284482	8.3	
20	793.763	1437.8	-72.3	-2.1	-9.9	7.7	11.5	285686	8.4	
20	793.463	1437.7	-71.6	-1.4	-9.8	7.8	11.2	286899	8.6	
20	793.163	1437.6	-72	-1.5	-9.9	7.7	11	288044	8.8	
20	792.863	1437.4	-70.6	-0.3	-10	8.9	10.7	289078	8.7	
20	792.563	1437.1	-70.7	0	-10	8.6	10.4	289878	8.6	
20	792.263	1436.6	-71.1	0.2	-10.3	8.4	10	290441	8.4	
20	791.963	1436.2	-70.8	0	-10.5	9.1	9.9	290844	8.2	
20	791.663	1436.1	-71.9	-1	-10.5	7.9	10	291087	8.3	
20	791.363	1436.1	-71.7	-1	-10.7	8.2	10.2	291330	8.1	
20	791.063	1436.1	-70.8	0.2	-10.8	8.4	10.4	291492	7.8	
20	790.763	1436.2	-70.8	0.5	-10.7	8.2	10.6	291695	7.5	
20	790.463	1436.1	-70.4	1.1	-10.7	7.4	10.7	291980	7.1	
20	790.163	1435.9	-70.3	1	-10.6	7.4	10.8	292388	7	
20	789.863	1435.9	-70.6	0.7	-10.4	7.1	10.8	293083	6.9	
20	789.563	1435.7	-70.8	-0.1	-10.4	6	10.7	293989	6.7	
20	789.263	1435.5	-70.9	0	-10.3	7.1	10.5	295149	6.5	
20	788.963	1435.4	-71.3	-1.3	-10.2	6	10.2	296570	6.2	
20	788.663	1435.2	-71.2	-1.3	-10.1	5.8	9.8	298345	6.1	
20	788.363	1435	-71	-1.3	-10.2	6.2	9.5	300529	6.1	
20	788.063	1434.8	-70.7	-0.4	-9.9	6.2	9.2	303096	6.1	
20	787.763	1434.4	-70.7	-0.5	-10	6.7	9	306019	6.1	
20	787.463	1434.4	-70.4	-0.1	-10.1	6.8	9	309274	6.1	
20	787.163	1434.5	-69.4	-0.6	-10.2	8	9.2	312785	6.1	
20	786.863	1434.6	-71.1	-2	-10	6.8	9.3	316473	6.5	
20	786.563	1434.8	-70.5	-1.5	-10.2	8	9.6	320199	7	
20	786.263	1435	-71	-2.5	-10.1	8.4	9.9	323764	7.5	
20	785.963	1435.2	-71.3	-2.5	-10.1	8.3	10.1	326949	7.8	
20	785.663	1434.9	-71.2	-1.6	-10.5	8.8	10.2	329781	8.2	
20	785.363	1434.9	-72.3	-2.5	-10.4	8.3	10.2	332241	8.8	
20	785.063	1435.1	-71.6	-1.9	-10.1	9.1	10.2	334309	9.1	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
20	784.763	1435.2	-71.9	-1.3	-10	8.7	10.2	335972	9.7	
20	784.463	1435.1	-72	-1.6	-10	9.8	10	337434	10.1	
20	784.163	1435.3	-71.7	-0.6	-9.6	9.6	9.8	338799	10.4	
20	783.863	1435.3	-72.6	-2	-9.5	9	9.6	340120	10.9	
20	783.563	1435.5	-72.5	-1	-9.3	9.6	9.5	341618	11.4	
20	783.263	1435.7	-72.9	-2.1	-8.7	9.2	9.4	343299	11.7	
20	782.963	1435.8	-72.8	-1.9	-8.5	10.3	9.3	345166	11.8	
20	782.663	1435.6	-72.7	-1.5	-8.8	9.7	9.3	347169	11.9	
20	782.363	1435.6	-72.3	-1.2	-9.1	10.1	9.4	349370	12	
20	782.063	1435.5	-72.2	-0.7	-9.1	9.7	9.3	351600	11.9	
20	781.763	1435.4	-71.3	1.3	-9.4	9.6	9.3	353858	11.8	
20	781.463	1435.4	-70.4	1.7	-9.6	10.6	9.3	356266	11.4	
20	781.163	1435.4	-70	2.3	-9.8	9.4	9.3	358769	10.9	
20	780.863	1435.1	-69.6	2	-10.4	9.4	9.2	361370	10.6	
20	780.563	1435	-70.2	1.8	-10.7	8.1	9.2	364261	10.3	
20	780.263	1435.1	-69.4	1.2	-10.4	8.4	9.2	367393	9.9	
20	779.963	1435.4	-68.9	1.8	-10	8.3	9.2	370776	9.7	
20	779.663	1435.6	-68	3.1	-9.5	8.3	9.2	374423	9.2	
20	779.363	1435.7	-66.5	4.3	-9.1	8.1	9.1	378279	8.8	
20	779.063	1436.2	-66.6	5.3	-8.1	7.2	8.8	382215	8.4	
20	778.763	1436.4	-64.5	7.2	-7.5	7.8	8.3	386305	7.7	
20	778.463	1436.8	-63.9	6.9	-6.7	7.6	7.7	390410	7.3	
20	778.163	1437.1	-63.2	7.6	-5.9	7.8	7.1	394381	6.8	
20	777.863	1437.1	-63.1	7.3	-5.5	7.2	6.5	398131	6.5	
20	777.563	1436.8	-62.6	7.7	-5.6	7.2	5.9	401644	6.3	
20	777.263	1436.3	-62	8.6	-5.6	6.9	5.3	404906	6.1	
20	776.963	1436	-60.3	10.5	-5.6	8	5	408142	6.1	
20	776.663	1435.7	-60.3	10.6	-6.1	8	5	411430	6.1	
20	776.363	1435.9	-59.2	12.1	-6.1	7.8	5.4	414690	6.2	
20	776.063	1436.5	-58.9	12.3	-6.4	8.4	6.2	418085	6.3	
20	775.763	1436.7	-58.3	12.7	-6.8	7.1	6.9	421621	6.2	
20	775.463	1437.1	-58.2	12.5	-7	7.9	7.7	425217	6.2	
20	775.163	1437.5	-58.2	12.5	-7	7.3	8.4	428963	6.1	
20	774.863	1437.7	-57.6	12.8	-7.3	8	9.2	433044	6.1	
20	774.563	1437.6	-57.9	11.5	-7.6	6.2	9.6	437386	6.1	
20	774.263	1437.4	-57.7	13.4	-7.6	6.2	9.6	441816	6.1	
20	773.963	1436.9	-57	13.5	-8	6.6	9.4	446337	6.3	
20	773.663	1436.6	-58.2	12.8	-8.1	5.3	8.8	451145	6.9	
20	773.363	1436.1	-55.3	16	-8.1	8.1	8.2	456158	7.7	
20	773.063	1435.7	-56.7	14.5	-8.1	7.5	7.7	461487	8.6	
20	772.763	1435.5	-56.2	16.1	-8.1	8.6	7.2	467150	9.4	
20	772.463	1435.3	-56.9	14.7	-7.8	7.8	6.6	473060	10.1	
20	772.163	1435.1	-55.7	16.2	-7.6	9.3	6.2	479342	10.5	
20	771.863	1435.2	-55.3	16.7	-7.3	9.5	6.1	485679	10.8	
20	771.563	1435.1	-55.3	16.4	-7.1	9.3	6	492071	11.1	
20	771.263	1435.2	-54.3	18.3	-6.9	10.4	6.1	498515	11	
20	770.963	1435.2	-53.1	19.4	-6.7	9.2	6.2	505130	10.8	
20	770.663	1435.2	-53	19.9	-6.3	9.1	6	511672	10.6	
20	770.363	1435.2	-52.5	20.3	-6.1	9	5.8	518386	10.5	
20	770.063	1435.2	-51.6	21.1	-5.8	9.4	5.6	525147	10.1	
20	769.763	1435.4	-51.1	21.2	-5.3	8.5	5.3	532087	9.8	
20	769.463	1435.4	-50.3	21.9	-5.2	8.6	5	539351	9.5	
20	769.163	1435.4	-49.9	21.4	-4.9	8.9	4.8	546959	9.4	
20	768.863	1435.4	-49.1	21.3	-4.6	8	4.4	554198	9.1	
20	768.563	1435.3	-47.7	22.3	-4.5	9	4.1	560879	9	
20	768.263	1435.3	-46.3	23.3	-4.5	9.4	4.1	566800	9	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
20	767.963	1435.5	-45.8	24.4	-4.4	9.5	4.2	571909	8.9	
20	767.663	1435.6	-44.9	24.5	-4.5	9.2	4.4	576476	9	
20	767.363	1435.8	-44	24.9	-4.8	9.7	4.8	580310	9.1	
20	767.063	1436	-43.4	24.6	-4.8	9.8	5.1	583382	9.3	
20	766.763	1436	-43.5	23	-4.8	9.2	5.2	585995	9.4	
20	766.463	1436	-41.7	24.9	-5.1	10.9	5.6	589128	9.5	
20	766.163	1436.2	-42.2	22.3	-5	8.8	5.8	593301	9.4	
20	765.863	1436.2	-40.4	23.5	-5	9.4	5.9	599073	9.2	
20	765.563	1436.3	-40.3	22.9	-5.3	9	6	606359	9	
20	765.263	1436.3	-38.6	24.5	-5.2	9.2	5.9	615268	8.8	
20	764.963	1436.2	-38.1	24.5	-5.1	8.4	5.6	625937	8.6	
20	764.663	1436	-37.5	24.5	-5.2	8.7	5.4	639315	8.6	
20	764.363	1435.8	-36.6	23.7	-5.2	9.1	5.2	654708	8.7	
20	764.063	1435.7	-37.1	23.2	-5.1	7.9	5	671076	8.7	
20	763.763	1435.5	-35.5	23.7	-5.1	9.1	4.6	688057	8.4	
20	763.463	1435.4	-34.9	24	-5	8.6	4.4	705206	8.4	
20	763.163	1435.6	-34.8	23.5	-4.6	8.6	4.1	721736	8.2	
20	762.863	1435.5	-33.2	25	-4.3	8.7	3.8	738278	8	
20	762.563	1435.6	-31.8	26.4	-4.2	9.5	3.7	754235	7.8	
20	762.263	1435.6	-31.7	25.9	-3.9	9.1	3.6	768633	7.6	
20	761.963	1435.5	-30.4	27.5	-4	9.5	3.6	781544	7.4	
20	761.663	1435.6	-31	26.7	-3.9	8.6	3.7	793690	7.3	
20	761.363	1435.7	-30.2	26.8	-4	8.8	3.8	804981	7	
20	761.063	1435.7	-29.9	28.3	-4	8	3.8	816597	6.9	
20	760.763	1435.8	-30.1	25.2	-4.1	7.6	3.9	829210	6.9	
20	760.463	1435.8	-29.2	27.5	-4.2	8	3.9	842896	7.3	
20	760.163	1435.9	-29	27.2	-4.2	7.2	4	857745	7.7	
20	759.863	1435.8	-28.9	28	-4.4	7.8	4	874219	8.3	
20	759.563	1436	-28.3	27.4	-4	7.2	3.9	892478	8.7	
20	759.263	1435.9	-27.5	27.8	-3.9	8.7	3.7	912709	9.3	
20	758.963	1436.3	-28.4	26.9	-3.6	7.8	3.8	935547	10	
20	758.663	1436.4	-27	27.3	-3.4	9.2	3.8	959118	10.3	
20	758.363	1436.5	-26.7	26.4	-3.2	9.3	3.8	983907	10.5	
20	758.063	1436.8	-26.6	26.4	-2.9	8.5	3.8	1010011	10.4	
20	757.763	1436.7	-25.1	27.4	-2.8	9.9	3.6	1036511	10.4	
20	757.463	1436.8	-25.1	26.5	-2.7	9.4	3.5	1063899	10.2	
20	757.163	1436.7	-23.3	27.8	-2.8	10.2	3.4	1092773	9.9	
20	756.863	1436.6	-22.7	27.6	-2.8	9.8	3.4	1122656	9.3	
20	756.563	1436.5	-22.2	27.7	-2.6	9.2	3.1	1152313	8.3	
20	756.263	1436.3	-21.8	27.3	-2.6	9.1	2.9	1184249	8	
20	755.963	1436	-20.9	26.8	-2.8	9.1	2.8	1216590	7.5	
20	755.663	1435.9	-20.2	26.1	-3	8.7	2.7	1249255	7.1	
20	755.363	1436	-20.2	25.6	-2.7	8.2	2.7	1283723	6.8	
20	755.063	1436.2	-19.7	25.2	-2.3	7.8	2.6	1319314	6.3	
20	754.763	1436.2	-18.8	25.2	-1.9	7.3	2.2	1355179	6	
20	754.463	1436.1	-18.8	24.6	-1.7	6.5	1.9	1393976	6	
20	754.163	1435.8	-17.8	25.7	-2	7.1	1.8	1436044	6	
20	753.863	1435.7	-18.7	23	-2	5.6	1.7	1479683	6	
20	753.563	1435.6	-18.2	24	-1.8	5.4	1.4	1524946	6	
20	753.263	1435.6	-16.9	23.5	-1.8	6.2	1.4	1576620	6	
20	752.963	1435.3	-18.1	22.2	-1.8	4.3	1.2	1633191	6	
20	752.663	1435.1	-17.3	21.3	-2	5.3	1.2	1693973	6.6	
20	752.363	1435.2	-16.8	21.3	-1.9	5.4	1.4	1762417	7.2	
20	752.063	1435.2	-15.8	21.7	-1.9	7.5	1.7	1833407	7.8	
20	751.763	1435.5	-15.5	21.1	-1.7	7.5	2	1912101	8.5	
20	751.463	1435.8	-14.9	22.2	-1.5	8.2	2.3	1999762	9.4	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
20	751.163	1435.9	-14.4	21.1	-1.3	9.5	2.4	2095847	10.3	
20	750.863	1436	-13.9	21	-1.1	9.3	2.3	2197010	10.7	
20	750.563	1435.8	-12.6	22.2	-0.6	11.5	1.9	2305893	11.4	
20	750.263	1435.5	-12.3	20.9	-0.6	12	1.5	2423322	11.8	
20	749.963	1435.2	-11.1	20.7	-0.4	12.3	1	2550244	12.1	
20	749.663	1434.8	-12.3	19.4	-0.2	11.3	0.4	2694660	12.8	
20	749.363	1434.6	-11.2	19.2	0.1	12.1	-0.2	2852521	12.7	
20	749.063	1434.2	-8.8	22.2	0.4	14.6	-0.8	3012590	12.7	
20	748.763	1434.1	-8.9	21.3	0.4	13.8	-1.1	3206356	12.5	
20	748.463	1434	-8.1	21.8	0.7	13.7	-1.4	3426760	12.2	
20	748.163	1433.7	-7.2	22.9	0.6	14.4	-1.4	3673246	12.3	
20	747.863	1434.1	-7.6	21.6	0.9	13.6	-1.1	3957940	11.9	
20	747.563	1434	-5.8	23.2	0.8	14.6	-0.8	4272960	11.1	
20	747.263	1434	-5.8	23.1	0.8	13.9	-0.4	4601649	10.1	
20	746.963	1433.9	-5.6	22.7	0.4	12.6	0	4961493	8.9	
20	746.663	1433.5	-6.5	21	-0.2	10.2	0.4	5410207	8.5	
20	746.363	1433.7	-6	22.4	-0.2	9.3	0.7	5914548	7.2	
20	746.063	1433.5	-5.3	21.7	-0.7	9.3	1.1	6542969	6.5	
20	745.763	1433.2	-6	20.7	-1.2	7.5	1.4	7398410	6.2	
20	745.463	1433	-6.2	20.4	-1.6	7	1.5	8580943	6.1	
20	745.163	1432.7	-7.5	17.6	-1.8	5.9	1.5	10468750	7	
20	744.863	1432.5	-6.8	18.3	-1.9	6.6	1.4	13958333	7	
20	744.563	1432.4	-7.3	16	-1.6	6.4	1.1		7.3	
20	744.263	1432.4	-7.6	15.1	-1	7	0.8		7.8	
20	743.963	1432.3	-7.2	15	-1.2	7.7	0.7		8.2	
20	743.663	1432.3	-8	13.8	-0.9	7	0.4		8.7	
20	743.363	1432.3	-7.3	13.6	-0.3	7.8	-0.1	-1.6E+07	8.8	
20	743.063	1432.2	-6.5	13.7	0	9.2	-0.5	-1.1E+07	9.3	
20	742.763	1432.1	-7	13.2	0.3	9.2	-0.8	-8723959	9.5	
20	742.463	1431.9	-7	12.7	0.4	9.6	-1.1	-7195017	10.1	
20	742.163	1431.8	-7.1	11.7	0.2	10	-1	-6158088	10.4	
20	741.863	1431.8	-7	11.8	0.4	10.2	-1.1	-5410207	10.4	
20	741.563	1431.9	-7.3	10.5	0.5	10.3	-1.1	-4869186	10.7	
20	741.263	1432	-7.2	11.5	0.6	10.5	-1	-4445329	10.5	
20	740.963	1432.2	-6.6	11.6	0.7	11	-0.8	-4105393	10.4	
20	740.663	1432.5	-6.6	10.3	0.9	10	-0.6	-3820712	9.9	
20	740.363	1432.6	-5.9	12.2	1	10	-0.5	-3609914	9.5	
20	740.063	1432.7	-6.3	11	1.1	9.7	-0.3	-3455033	9.3	
20	739.763	1432.7	-6.1	10.7	1.3	9.2	-0.4	-3344649	8.6	
20	739.463	1432.6	-6	9.8	1.2	9.6	-0.4	-3266381	8.5	
20	739.163	1432.6	-6.5	9	1.1	8.8	-0.2	-3216206	8.3	
20	738.863	1432.4	-6.4	8.5	1.1	8.8	-0.4	-3191693	8.3	
20	738.563	1432.2	-7	7.4	0.7	8	-0.4	-3167550	8.5	
20	738.263	1432.1	-6.8	7.1	0.3	7.9	-0.3	-3157994	8.3	
20	737.963	1432.1	-5.9	6.7	0.2	8.4	-0.3	-3157994	8.4	
20	737.663	1431.9	-6.3	6	-0.2	8.4	-0.3	-3129672	8.8	
20	737.363	1431.7	-6.3	4.8	-0.8	9.3	0	-3065520	9.6	
20	737.063	1431.7	-7.1	5.2	-0.8	8.4	0.1	-2965652	10.4	
20	736.763	1431.5	-6.7	4.5	-0.8	9.4	-0.1	-2840910	11	
20	736.463	1431.4	-6.5	2.3	-0.6	10.4	-0.2	-2698132	11.6	
20	736.163	1431.6	-6.4	2.5	0.1	10.9	-0.5	-2556472	12	
20	735.863	1431.8	-6.1	2	0.8	11.3	-0.9	-2420521	12.3	
20	735.563	1431.9	-5.9	1.3	1.4	11.3	-1.2	-2285754	12.5	
20	735.263	1432.1	-5.6	2	2.2	11.8	-1.7	-2167444	12.7	
20	734.963	1432.3	-5.9	-0.1	3.3	11.2	-2.4	-2064843	12.5	
20	734.663	1432.3	-4.2	1.6	4.1	12.9	-3.1	-1978971	11.8	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
20	734.363	1432.2	-3.7	1.9	4.5	12.4	-3.5	-1912101	11.3	
20	734.063	1432	-4.1	2.4	4.8	11.4	-4	-1857809	10.7	
20	733.763	1431.8	-3.6	2.4	4.6	11.8	-4.1	-1814342	10.2	
20	733.463	1431.7	-3.4	1.9	4.6	10.5	-4.1	-1777378	9.2	
20	733.163	1431.4	-3.4	2.6	4.6	9.9	-4.3	-1746248	8.1	
20	732.863	1431.2	-3	3.2	4.3	8.8	-4.3	-1717597	7.2	
20	732.563	1431.1	-2.8	4.7	3.7	8.2	-3.9	-1689872	6.4	
20	732.263	1430.9	-3.4	3.4	3.3	6.9	-3.5	-1664349	6.1	
20	731.963	1431	-2.9	4.4	3	6.5	-3	-1635743	5.4	
20	731.663	1430.9	-3.1	4.5	2.3	6.3	-2.3	-1608104	5.4	
20	731.363	1430.9	-3.9	3.3	1.8	5.2	-1.8	-1581383	5.5	
20	731.063	1430.7	-3.3	4.7	1.6	5.9	-1.5	-1553228	5.8	
20	730.763	1430.3	-4.5	2.8	1.1	5.3	-1.5	-1524946	6	
20	730.463	1430.3	-3.5	3	0.6	6	-1.3	-1497676	6	
20	730.163	1430.2	-3.3	3.7	0.6	6.1	-1.1	-1472399	6.6	
20	729.863	1430	-4.1	2.9	0.5	6.6	-1	-1447961	7.4	
20	729.563	1429.9	-4.3	2.8	0.4	6.7	-1.1	-1427234	8.1	
20	729.263	1429.8	-3.9	3.1	0.5	7.7	-1.2	-1406146	8.7	
20	728.963	1429.9	-3.6	3.7	0.8	8.6	-1.3	-1382927	8.9	
20	728.663	1429.6	-3.3	3.9	0.7	8.3	-1.6	-1359579	9.1	
20	728.363	1429.9	-4.2	2.4	1.1	8.2	-1.6	-1334450	9.8	
20	728.063	1430.8	-3.9	2.7	1.6	9	-1.4	-1306146	9.8	
20	727.763	1430.3	-2.8	3.1	1.3	9.3	-1.7	-1275900	9.9	
20	727.463	1430.2	-3.1	3.2	1.8	8.8	-2.2	-1243321	9.9	
20	727.163	1430.3	-2.8	3.3	2.4	9	-2.7	-1207470	10.1	
20	726.863	1430	-2.7	3.3	2.4	8.8	-3.1	-1171002	10.1	
20	726.563	1430	-2.6	3.9	2.6	8.4	-3.5	-1138528	9.8	
20	726.263	1430.3	-1.7	4.7	3	8.7	-3.6	-1108392	9.5	
20	725.963	1430.6	-0.8	6.2	3	9.4	-3.5	-1082602	9.2	
20	725.663	1430.9	-2.6	4.2	3.2	7.3	-3.7	-1061203	9.2	
20	725.363	1431.2	-1	4.9	3.7	8.2	-3.5	-1042706	9.3	
20	725.063	1431.3	0.2	6.5	3.9	9.2	-3.3	-1027861	9.2	
20	724.763	1431.4	0.8	7.1	3.8	9.9	-3	-1018858	9.3	
20	724.463	1431.7	1.2	8.3	4	10.2	-2.6	-1014907	9.2	
20	724.163	1431.9	1.3	8	4.2	10.2	-2.4	-1012943	9.4	
20	723.863	1432.2	1.6	8.1	3.9	10.2	-2	-1013433	9.6	
20	723.563	1432.2	2.2	8.6	3.8	9.4	-2	-1013433	9.3	
20	723.263	1431.9	2.5	8.6	3.5	10.4	-2.2	-1012453	9.3	
20	722.963	1431.6	2.9	8.8	3.2	9.6	-2.5	-1011475	9.1	
20	722.663	1431.1	3.5	9.1	2.9	9.4	-2.8	-1009524	9	
20	722.363	1430.8	3.2	9.1	2.8	9	-3	-1004680	9.3	
20	722.063	1430.6	3.2	7.4	2.4	8.7	-3.2	-997500	9.5	
20	721.763	1430.2	3.6	7.3	2	9.4	-3.3	-988086	9.9	
20	721.463	1430.3	3.7	7.8	1.8	9.8	-3.3	-976109	10.1	
20	721.163	1430.2	5.1	8.7	1.9	10.4	-3.4	-963088	10.2	
20	720.863	1430.3	5.5	8.9	1.9	10.6	-3.3	-950410	10.3	
20	720.563	1430.5	5.8	9.2	2.1	10.8	-3.1	-939324	10.5	
20	720.263	1430.6	6.1	9.1	2.4	10.4	-2.9	-928082	10.7	
20	719.963	1430.7	6.2	9	2.6	10.4	-2.7	-916705	10.7	
20	719.663	1431	6.8	10.2	2.9	10.8	-2.5	-905211	10.6	
20	719.363	1431.1	7	9.9	3.3	10.5	-2.6	-893621	10.6	
20	719.063	1431.3	6.5	9.6	3.5	9.7	-2.7	-882324	10.4	
20	718.763	1431.3	7.6	11.5	3.7	9.6	-3	-870584	10.1	
20	718.463	1431.4	8	11.3	4.1	9.6	-3.3	-859152	9.9	
20	718.163	1431.4	8.2	12.7	4.3	9.2	-3.7	-846646	9.7	
20	717.863	1431.2	9.4	12.9	4.4	10.2	-4.1	-832838	9.5	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
20	717.563	1430.8	9.9	13.2	4.4	10.2	-4.6	-819474	9.4	
20	717.263	1430.7	10.1	14.2	4.3	9.3	-5	-807776	9.3	
20	716.963	1430.5	10.6	14.9	4.3	10	-5.3	-797621	9.4	
20	716.663	1430.8	10.8	14.7	4.4	10.1	-5.2	-788608	9.4	
20	716.363	1431	11.2	14.8	4.3	10.2	-5.2	-780378	9.4	
20	716.063	1431	11.1	14.4	4	9.1	-5	-772603	9.6	
20	715.763	1431.1	11.7	15.9	3.9	9.5	-4.8	-764703	9.7	
20	715.463	1431.2	11.4	15.3	4	9.2	-4.7	-757509	10.1	
20	715.163	1431.3	12.1	14.9	4	9.1	-4.6	-750181	10.3	
20	714.863	1431.7	13.4	16.5	4.2	10.1	-4.2	-742730	10.4	
20	714.563	1432	13.1	15.9	4.2	9.5	-3.9	-735167	10.4	
20	714.263	1432	13.7	16.4	4	10	-3.9	-727504	10.8	
20	713.963	1432.4	13.2	15.8	4.3	9.3	-3.9	-720246	10.9	
20	713.663	1432.6	15.2	16.9	4.6	10	-4.1	-712889	10.3	
20	713.363	1432.6	15.5	16.3	4.6	10	-4.3	-706157	10.1	
20	713.063	1432.7	15.3	17.9	4.7	9.4	-4.5	-700019	9.9	
20	712.763	1432.9	16.7	17.7	5	10.4	-4.7	-694447	9.7	
20	712.463	1432.8	17.4	17.2	4.7	9.9	-4.9	-689189	9.7	
20	712.163	1432.9	17.4	16.6	4.7	9.2	-5	-682895	9.7	
20	711.863	1432.9	18.3	17.1	4.7	10.2	-5	-675406	9.9	
20	711.563	1433	18.5	17.2	4.5	9.4	-4.9	-666589	9.7	
20	711.263	1433.1	20	18.4	4.3	10.2	-4.7	-656556	9.6	
20	710.963	1433.4	19.6	17.4	4.4	9	-4.4	-645624	9.6	
20	710.663	1433.8	20.3	17.8	4.4	9	-4.1	-634088	9.6	
20	710.363	1433.9	19.9	17	4.2	8.3	-4	-622401	10.3	
20	710.063	1434.2	21	17.5	4.6	8.2	-3.9	-610781	10.1	
20	709.763	1434.4	22.6	19.4	4.7	9.4	-3.9	-600447	10	
20	709.463	1434.4	22.3	19.1	4.9	8.5	-4.1	-591123	10.2	
20	709.163	1434.4	24.4	20.8	5	10.2	-4.2	-583545	10.4	
20	708.863	1434.3	23.6	19.9	5.2	8.6	-4.5	-577270	10.9	
20	708.563	1434.3	24.9	19.8	5.2	9.1	-4.8	-572535	10.4	
20	708.263	1434.3	26.5	21	5.5	9.6	-5.2	-569111	10.1	
20	707.963	1434.5	27.1	21.3	6	10.2	-5.5	-566494	10	
20	707.663	1434.3	28.5	22.4	5.7	10.3	-5.8	-564813	9.7	
20	707.363	1434.4	29	22.8	5.8	9.2	-5.9	-563748	9.7	
20	707.063	1434.4	29.7	22.9	5.9	10	-6	-562688	9.7	
20	706.763	1434.3	30.6	23.6	5.9	8.9	-6.1	-561480	9.6	
20	706.463	1434.1	31.8	25.3	6	10.6	-6.3	-559679	9.4	
20	706.163	1434.3	32.8	25.2	6.1	10.2	-6.3	-557296	9.2	
20	705.863	1434.2	33.6	25.6	6.2	9.6	-6.3	-554052	9.2	
20	705.563	1434.1	34	25.8	6.1	10.1	-6.3	-550266	9.5	
20	705.263	1434.5	34.8	25.4	6.5	9.3	-6.2	-545961	9.2	
20	704.963	1434.6	36.5	26.6	6.3	10.8	-6.1	-541443	9.1	
20	704.663	1434.6	36.6	26.5	6.1	10.4	-5.9	-536449	9	
20	704.363	1434.5	38.3	27.7	5.7	11	-5.6	-531142	9.1	
20	704.063	1434.5	37.7	26.9	5.7	9.8	-5.3	-525939	9.2	
20	703.763	1434.8	38.6	27.4	5.5	10.1	-5	-520966	9	
20	703.463	1434.3	39.8	28.7	4.8	10.2	-4.8	-516341	8.9	
20	703.163	1434.1	39.7	28	4.7	9.9	-4.8	-511672	8.9	
20	702.863	1434.2	40.9	29.5	4.6	10.5	-4.9	-507333	8.8	
20	702.563	1434.4	40.6	28.5	4.7	9.6	-5.1	-503187	8.9	
20	702.263	1434.3	40.6	27.2	4.8	9	-5.8	-499109	8.7	
20	701.963	1434.5	42.1	29	5.8	9.3	-6.6	-495214	8.6	
20	701.663	1434.2	42.4	28.7	6.2	10.8	-7.4	-491609	9	
20	701.363	1434.3	42.2	29	6.9	9.9	-8.1	-487829	9	
20	701.063	1434.4	43.4	28.2	8.1	10.1	-8.8	-483884	9	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
20	700.763	1434.3	43.5	28	8.5	10.2	-9.2	-479781	9.2	
20	700.463	1434.6	43.6	28.3	9.1	9.4	-9.3	-475531	9.3	
20	700.163	1435.1	43.3	26.6	9.6	9.2	-9.3	-471250	9.5	
20	699.863	1435.9	44	26.6	9.9	9.4	-8.6	-466941	9.4	
20	699.563	1436.1	44.5	27.1	9.4	8.8	-8	-462711	9.4	
20	699.263	1436.2	43.5	25.2	9	6.9	-7.2	-458656	9.7	
20	698.963	1436.2	44	25.5	8.3	7.4	-6.6	-454870	9.4	
20	698.663	1436	44.8	24.8	7.4	7.5	-6	-451437	9.6	
20	698.363	1435.8	45.2	25.6	6.7	7.5	-5.5	-448344	9.5	
20	698.063	1435.3	46.1	25.8	5.9	7.9	-5.4	-445672	9.6	
20	697.763	1435.2	46.7	26.8	5.3	9.3	-5.2	-443219	10	
20	697.463	1435	47.4	26.4	4.6	9	-5.3	-440886	10.1	
20	697.163	1434.9	48.1	25.5	4.8	9.3	-5.7	-438577	10.3	
20	696.863	1434.7	50.2	27.9	4.9	11.6	-6.1	-436201	10.2	
20	696.563	1434.8	49.9	25.5	5.2	10.5	-6.4	-433582	10.3	
20	696.263	1434.8	50.4	26.8	5.7	10.8	-6.8	-430905	10.5	
20	695.963	1434.9	51	26.1	6.3	10.6	-7.2	-427998	10.4	
20	695.663	1435.1	52.1	25.6	7.1	11.1	-7.4	-424872	10.4	
20	695.363	1435.2	51.5	24.4	7.6	10	-7.7	-421706	10.3	
20	695.063	1435.5	53.1	24.6	8.2	10.3	-7.8	-418335	9.9	
20	694.763	1435.5	53.6	24.6	8.3	10.4	-7.8	-414936	9.9	
20	694.463	1435.6	54	24.3	8.5	8.9	-7.8	-411430	9.5	
20	694.163	1435.7	55.4	24.8	8.5	9.8	-7.8	-407824	9.4	
20	693.863	1435.8	55.5	23.7	8.6	9.2	-7.7	-404125	9.3	
20	693.563	1435.8	56.4	23.6	8.5	9	-7.7	-400185	9.1	
20	693.263	1435.5	56.7	23.1	8.4	8.7	-8	-396247	9.3	
20	692.963	1435.4	56.8	22.8	8.2	9.3	-8	-392459	9.5	
20	692.663	1435.2	57.9	23.1	7.9	8.7	-8.1	-388816	9.4	
20	692.363	1435.1	58.1	21.6	7.9	8.6	-8.3	-385380	9.5	
20	692.063	1435.1	59	22.4	7.9	9.2	-8.3	-382424	9.6	
20	691.763	1435.2	60.2	21.9	7.8	9.6	-8.1	-379926	9.6	
20	691.463	1435	60.9	23.2	7.7	9.4	-8.2	-378142	9.7	
20	691.163	1435	62.1	23.5	7.7	10.1	-8.2	-376985	9.8	
20	690.863	1435.1	62.5	22.7	7.8	10.6	-8.1	-376442	10.1	
20	690.563	1435.3	62.5	22.8	7.9	9.6	-8	-376375	10.1	
20	690.263	1435.4	64.1	23.2	8	10.9	-8	-376578	10	
20	689.963	1435.4	64.3	23.7	8	10.4	-8	-376985	10	
20	689.663	1435.4	64.7	24.1	7.9	9.8	-8	-376985	10	
20	689.363	1435.3	65	22.9	7.9	9.4	-8.1	-376781	9.9	
20	689.063	1435.2	67	24.6	8	10.8	-8	-375969	9.9	
20	688.763	1435.1	67.1	24.9	7.9	10.1	-8	-374691	9.9	
20	688.463	1435.2	67.3	23.9	8.2	8.8	-8	-373022	9.7	
20	688.163	1435.3	69.2	25.7	8.3	10.8	-8	-370711	9.6	
20	687.863	1435.5	68.5	24.9	8.6	8.8	-8.1	-367974	9.5	
20	687.563	1435.7	69.7	26.4	9.1	8.8	-8.3	-364769	9.3	
20	687.263	1436	70.9	26.9	9.4	9.6	-8.4	-361307	9.1	
20	686.963	1435.9	70.9	26.4	9.6	8.8	-8.6	-357727	9	
20	686.663	1435.5	71.3	27.8	9.6	8.4	-9	-354157	9	
20	686.363	1435.4	71.7	27.7	9.8	8.8	-9.3	-350658	9.1	
20	686.063	1434.9	73.8	29	9.6	9.8	-9.6	-347112	8.8	
20	685.763	1434.6	73.6	28.4	9.4	8.7	-9.9	-343806	9	
20	685.463	1434.6	74.2	28.1	9.2	8.6	-10	-340673	8.9	
20	685.163	1434.5	76	29.3	9.2	9.6	-10.2	-337924	8.8	
20	684.863	1434.6	76.1	28.7	9.1	8.7	-10.2	-335488	8.8	
20	684.563	1434.6	77.2	29.1	9.1	9.5	-10.2	-333351	8.8	
20	684.263	1434.6	76.9	26.7	9.2	9.1	-10.1	-331399	9.3	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
20	683.963	1434.7	76.9	27	9.2	9.3	-10	-329729	9.6	
20	683.663	1434.6	78.4	28	9.3	9.3	-10.1	-328282	9.7	
20	683.363	1434.9	78.6	27.6	9.7	9.6	-10	-326847	9.7	
20	683.063	1435.2	80.6	28.5	9.8	10.3	-9.9	-325576	9.5	
20	682.763	1435.4	80.6	29.1	10	9.1	-9.9	-324215	9.7	
20	682.463	1435.4	81.5	28.4	9.9	9.6	-9.9	-322716	9.7	
20	682.163	1435.4	82.1	28.5	10.1	8.9	-10	-321132	9.6	
20	681.863	1435.4	82.9	28.9	10.3	9.9	-10.2	-319515	9.8	
20	681.563	1435.6	82.7	27.3	10.3	9.8	-10	-317721	9.8	
20	681.263	1435.8	83.9	28.4	10.3	9.5	-9.8	-315804	9.6	
20	680.963	1435.9	83.9	27.5	10	9.4	-9.6	-313863	9.6	
20	680.663	1436	85.3	28.6	9.6	9.3	-9.3	-311900	9.2	
20	680.363	1436.1	86.4	29.6	9.3	8.9	-9	-309915	8.9	
20	680.063	1436.3	87.1	29.2	9.3	8.6	-8.7	-308000	8.7	
20	679.763	1436	88.4	30.3	9	8.3	-8.6	-306109	8.4	
20	679.463	1436.1	88.6	29.6	8.8	8	-8.3	-304152	8.3	
20	679.163	1435.8	88.5	28.3	8.6	6.5	-8.4	-302264	8.1	
20	678.863	1435.9	89.7	28.8	8.8	7.3	-8.5	-300443	8	
20	678.563	1436.2	89.7	27.6	9.3	6.8	-8.5	-298600	8	
20	678.263	1436.3	89.8	27.3	10.1	4.8	-9	-296865	7.9	
20	677.963	1436.1	92.3	29.8	10.6	6.6	-9.6	-295191	7.9	
20	677.663	1436	92.9	28.8	11.1	5.8	-10.2	-293618	7.9	
20	677.363	1435.8	94.9	30.6	11.7	7.3	-10.8	-292224	8.4	
20	677.063	1435.8	94.9	30.2	12.3	6.8	-11.5	-290966	8.6	
20	676.763	1435.6	97.5	32.5	12.8	9.1	-12	-289878	8.8	
20	676.463	1435.5	96.9	29.9	12.8	7.9	-12.3	-288998	9.2	
20	676.163	1434.9	97.9	30.8	12.6	7.8	-12.9	-288242	9.3	
20	675.863	1434.4	100.5	33.2	12.3	9.9	-13	-287529	9.3	
20	675.563	1434.1	100.8	31.6	12	8.9	-13	-286821	9.2	
20	675.263	1433.9	102.8	34.3	11.5	9	-12.7	-286115	9.2	
20	674.963	1433.7	103.6	33.9	11.1	8.6	-12.3	-285413	9.3	
20	674.663	1433.8	104.8	33.9	10.6	8.6	-11.8	-284598	9.3	
20	674.363	1433.8	105.8	34.9	10.3	8.3	-11.5	-283750	9.5	
20	674.063	1434	106.8	35.5	9.9	10	-11	-282792	9.9	
20	673.763	1434.3	109.1	37.4	10	10.5	-10.5	-281764	9.9	
20	673.463	1434	110	36.2	9.9	10.3	-10.5	-280782	10.3	
20	673.163	1434.2	109.9	36.3	10.2	10	-10.5	-279732	10.6	
20	672.863	1434.2	113.2	39	10.5	11.5	-10.7	-278615	10.5	
20	672.563	1434.1	113.6	37.6	10.9	11.8	-11.1	-277434	10.4	
20	672.263	1434.1	116	39.9	11.2	13	-11.5	-276299	10.2	
20	671.963	1434.4	116.5	39.3	11.8	12.9	-11.6	-275173	10.6	
20	671.663	1434.7	116.6	39.7	12.1	11.6	-11.8	-274093	10.4	
20	671.363	1434.7	119.2	42.3	12.3	12.4	-12.2	-272949	10.1	
20	671.063	1434.8	119.5	41.1	12.6	12	-12.3	-271710	9.9	
20	670.763	1435	120.2	41.6	12.7	12.4	-12.3	-270341	9.4	
20	670.463	1435	121.6	41	12.6	11.6	-12.3	-268883	9.3	
20	670.163	1434.8	120.8	40.2	12.4	10.6	-12.2	-267304	9.6	
20	669.863	1434.9	121.5	40	12.4	9	-12.2	-265575	9.2	
20	669.563	1434.6	122.7	40.6	12	9.2	-12.4	-263802	9	
20	669.263	1434.7	124.1	41.2	11.9	10.8	-12.4	-261888	8.9	
20	668.963	1434.9	124.8	42.1	11.7	9.3	-12.2	-259938	8.8	
20	668.663	1434.9	124.8	40.9	11.8	8.6	-12.3	-257952	9	
20	668.363	1435.1	124.6	40.7	11.7	8.3	-12.1	-255966	9.2	
20	668.063	1435.2	125.5	40.2	11.8	8.2	-12	-254102	9.1	
20	667.763	1435.2	126	39.6	11.8	8.7	-11.9	-252417	9.1	
20	667.463	1435.4	127.5	40.4	11.8	9.7	-11.7	-250935	8.9	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
20	667.163	1435.5	128.4	40	11.9	9.6	-11.5	-249649	9.1	
20	666.863	1435.8	127.8	39.2	11.8	8.1	-11.3	-248641	9.4	
20	666.563	1436.1	129.5	41	12	8.9	-11.2	-247934	9.3	
20	666.263	1436.1	130.8	41.1	11.9	10.2	-11.2	-247407	9.3	
20	665.963	1436	130.8	41.1	11.9	9.6	-11.4	-247202	9.3	
20	665.663	1435.9	131.2	41.4	12.2	9.1	-11.7	-247173	9.4	
20	665.363	1435.8	132.1	39.8	12.2	10.2	-11.8	-247261	9.5	
20	665.063	1435.7	131.8	38.9	12.4	8.1	-12	-247319	9.3	
20	664.763	1435.7	133.2	38.3	12.6	9	-12.3	-247319	9.2	
20	664.463	1435.8	134	39.1	12.7	10	-12.4	-247144	9.2	
20	664.163	1435.7	135.1	37.6	12.9	9.5	-12.6	-246707	9.2	
20	663.863	1435.8	135	38.1	13	8.4	-12.7	-245954	9.3	
20	663.563	1435.9	136.3	38.4	13.2	9.5	-12.7	-244861	9.1	
20	663.263	1435.7	137.5	37	13.1	10.2	-12.8	-243494	9.2	
20	662.963	1435.6	136.9	36.1	13	8.7	-12.9	-241975	9.2	
20	662.663	1435.2	138.5	35.7	12.9	10.4	-13.1	-240474	9.2	
20	662.363	1435.2	138.5	34.9	12.7	9.9	-13	-238992	9.4	
20	662.063	1435.1	138.7	33.9	12.6	9.1	-13.1	-237555	9.5	
20	661.763	1434.8	140	34.2	12.4	9.7	-13.2	-236322	9.5	
20	661.463	1434.8	140.9	34.1	12.4	10.6	-13.2	-235312	9.6	
20	661.163	1434.9	141.1	32	12.7	9.1	-13.3	-234600	9.6	
20	660.863	1435	141.8	31.8	13.1	9.3	-13.5	-234128	9.7	
20	660.563	1435.1	142.6	32.7	13.3	10.4	-13.5	-233841	9.8	
20	660.263	1435.2	142.8	29.6	13.9	8.8	-13.6	-233632	9.7	
20	659.963	1435.3	142.8	29.2	14.1	8.6	-13.8	-233450	9.7	
20	659.663	1435.5	144.3	28.3	14.5	9.7	-13.9	-233372	9.5	
20	659.363	1435.5	144.6	28.1	14.9	9	-14.1	-233398	9.7	
20	659.063	1435.4	144.9	28.3	14.9	8.3	-14.4	-233372	9.6	
20	658.763	1435.1	146.8	27.6	14.8	10	-14.7	-233294	9.5	
20	658.463	1435	146.9	27.4	14.7	9.9	-14.8	-233164	9.7	
20	658.163	1435	147.2	27	14.7	9.5	-15	-232878	9.6	
20	657.863	1434.7	148.9	27.3	14.4	10.7	-15.1	-232516	9.5	
20	657.563	1434.7	149.3	28.5	14.4	10.9	-15.1	-232104	9.4	
20	657.263	1434.7	149.4	27.9	14.2	9.6	-15.1	-231539	9.2	
20	656.963	1434.7	150.5	27.8	14.1	10.7	-14.9	-230876	9.1	
20	656.663	1435	151.5	27.4	13.9	12.7	-14.4	-230140	8.9	
20	656.363	1435.1	151.4	26.6	13.9	10.1	-14.1	-229283	9	
20	656.063	1435.2	151.6	26.8	13.4	10.8	-13.6	-228408	9.1	
20	655.763	1435.5	151.9	27.3	13.3	10.4	-13.1	-227613	9	
20	655.463	1435.6	152.7	27.2	13.2	10.6	-12.7	-226922	8.8	
20	655.163	1435.6	152.7	26.7	12.7	10.2	-12.5	-226285	8.8	
20	654.863	1435.7	153.7	26.2	12.6	10.4	-12.3	-225773	8.6	
20	654.563	1435.5	153.3	24.9	12.5	10.2	-12.4	-225384	9	
20	654.263	1435.5	150.5	22.7	12.6	6.1	-13	-225020	8.9	
20	653.963	1435.6	153.9	24.4	13.2	9.9	-13.6	-224803	8.8	
20	653.663	1435.7	152.9	22.1	14	9.1	-14.3	-224682	8.8	
20	653.363	1435.6	153.9	23.1	14.8	8.9	-15.3	-224586	8.9	
20	653.063	1435.5	153	21.8	15.3	9.1	-15.9	-224538	9.7	
20	652.763	1436	153.4	21.3	16.3	9.2	-16.1	-224514	9.5	
20	652.463	1436	154.4	22.6	16.9	9.1	-16.5	-224466	9.1	
20	652.163	1436.1	153.6	20.4	17.5	8.7	-16.8	-224345	8.9	
20	651.863	1436.7	155.2	21.2	17.5	11.2	-16.2	-224225	8.6	
20	651.563	1436.8	154.3	19.2	17.1	8.5	-15.6	-224105	8.4	
20	651.263	1436.9	153.6	18.6	16.5	7.4	-14.9	-223937	8.1	
20	650.963	1436.8	155.9	19.6	15.7	8.8	-14.1	-223794	7.3	
20	650.663	1436.6	154.5	17	15	7.8	-13.4	-223627	7	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
20	650.363	1436.1	154.7	17.8	13.9	7.2	-13.1	-223436	7	
20	650.063	1435.5	155.1	16.6	13.2	7.4	-12.9	-223293	7.4	
20	649.763	1435.3	154.4	15.9	12.7	8.2	-12.5	-223221	8	
20	649.463	1435.3	154.7	16	12.2	7.6	-12.3	-223197	8.1	
20	649.163	1434.9	154.4	14.4	12	8	-12.5	-223269	8.3	
20	648.863	1434.9	155.8	14.9	12	10.2	-12.5	-223388	8.4	
20	648.563	1434.8	154.9	13.8	12.2	7.6	-12.8	-223555	8.6	
20	648.263	1434.5	154.5	12.7	12.3	8.8	-13.2	-223770	8.9	
20	647.963	1434.5	155.6	13	12.5	9.9	-13.4	-224057	8.9	
20	647.663	1434.5	155.7	12.9	12.9	9.6	-13.5	-224369	9	
20	647.363	1434.1	154.9	12.1	12.8	9.7	-13.9	-224682	9.1	
20	647.063	1434	155.2	10.9	12.9	9.8	-14.1	-224972	9.2	
20	646.763	1434	155.1	10.5	13.2	10.4	-14.2	-225141	9.3	
20	646.463	1433.9	154.3	9.4	13.3	7.7	-14.6	-225141	9.1	
20	646.163	1433.9	155.9	9.1	13.2	10.1	-14.7	-225045	8.9	
20	645.863	1434.2	154.6	7.7	13.5	9.7	-14.6	-224779	8.9	
20	645.563	1434.7	154.6	7.4	13.8	8.1	-14.5	-224321	8.6	
20	645.263	1434.8	155.1	6.2	13.7	8.8	-14.4	-223746	8.4	
20	644.963	1435.1	154.2	4.9	14.1	8	-14.1	-223055	8.3	
20	644.663	1435.2	154.6	5.2	14.2	8.1	-13.9	-222250	8.1	
20	644.363	1435.2	153.7	3.2	14.2	7.1	-13.9	-221474	7.8	
20	644.063	1435.6	155.7	4.2	14.3	9	-13.5	-220913	7.5	
20	643.763	1435.9	154.5	3.1	14.4	7.8	-13.2	-220541	8.2	
20	643.463	1436.1	153.2	1.6	14.4	6.7	-13.1	-220402	8.4	
20	643.163	1436.2	154.6	2.7	14.3	8.6	-13	-220588	8.6	
20	642.863	1436.4	153.6	0.9	14.5	7.6	-13	-221007	8.8	
20	642.563	1436.1	154.1	1.4	14.3	8.2	-13.3	-221591	9	
20	642.263	1435.8	153.9	0.2	13.9	8.9	-13.5	-222415	9.9	
20	641.963	1435.8	153.8	0.5	13.9	9.5	-13.6	-223436	10	
20	641.663	1435.7	154	3.5	13.8	9	-13.7	-224393	10.2	
20	641.363	1435.5	154	0.1	13.7	10.1	-13.9	-225190	10.2	
20	641.063	1435.4	155.1	2.2	13.6	11.2	-13.9	-225870	10.1	
20	640.763	1435	154.5	0.6	13.5	9.4	-14.2	-226358	10.1	
20	640.463	1434.9	154.5	1.5	13.3	10.1	-14.3	-226603	10	
20	640.163	1435.2	155.5	2.1	13.7	10.8	-14.2	-226701	9.7	
20	639.863	1435.5	155.1	0.7	14	10.1	-14.1	-226579	9.5	
20	639.563	1435.7	154.8	1.2	14	10.6	-14	-226212	9.4	
20	639.263	1435.7	154.8	-0.4	13.9	9.9	-13.8	-225699	9.4	
20	638.963	1435.5	153.7	-0.6	13.9	8.4	-13.9	-225117	9.1	
20	638.663	1435.3	154.8	1.2	13.8	8.3	-14	-224466	8.5	
20	638.363	1435.3	155.7	-0.2	13.8	10.2	-13.9	-223794	8.3	
20	638.063	1435.4	155.2	0.7	14.1	9.2	-13.8	-223150	8.1	
20	637.763	1435.4	154.7	0	14	7.7	-13.8	-222581	8	
20	637.463	1435.4	155.1	0	13.9	8.9	-13.8	-222156	8.1	
20	637.163	1435.6	153.5	-0.9	14.1	7.5	-13.9	-222014	8.2	
20	636.863	1435.6	154.6	-0.1	14.3	8.8	-14.2	-222085	8.1	
20	636.563	1435.6	154.8	0.4	14.5	9.4	-14.4	-222344	7.9	
20	636.263	1435.6	154.9	-0.9	14.7	8.6	-14.5	-222889	7.8	
20	635.963	1435.7	153.1	-1.8	14.9	8.2	-14.7	-223650	8.1	
20	635.663	1435.4	153.6	-0.9	14.8	7.1	-15	-224562	8.1	
20	635.363	1435.3	154.5	-1.1	14.6	9.7	-15.1	-225651	8	
20	635.063	1435.1	153.6	-2.1	14.6	8.3	-15.4	-226775	8.1	
20	634.763	1435	153.7	-1.2	14.5	9.9	-15.7	-227811	8.3	
20	634.463	1435.2	153	-2.2	14.7	9.6	-15.7	-228732	9	
20	634.163	1435.5	152.9	-2.2	14.7	9.2	-15.4	-229635	9	
20	633.863	1435.4	153.4	-0.9	14.6	10	-15.2	-230368	9.1	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
20	633.563	1435.8	150.2	-5.7	14.7	8.7	-14.9	-230876	9.2	
20	633.263	1435.9	154	-0.6	14.5	12.1	-14.5	-231233	9.2	
20	632.963	1436.2	150.9	-3.7	14.8	8.3	-14.1	-231411	9.3	
20	632.663	1436.4	151.8	-3.3	14.6	11.1	-13.6	-231411	9.2	
20	632.363	1436.8	150.8	-3.4	14.4	10	-13	-231386	9.1	
20	632.063	1436.9	150.2	-4.4	13.9	9.9	-12.5	-231284	9	
20	631.763	1436.8	150.6	-3.1	13.1	10.2	-12.2	-231079	8.6	
20	631.463	1436.4	150.1	-5.6	12.8	9.4	-12.3	-230825	8.5	
20	631.163	1436.4	148.3	-6.2	12.1	9.3	-12.1	-230596	8.5	
20	630.863	1436.3	148.6	-4.6	11.8	8.6	-12.1	-230368	8.2	
20	630.563	1435.8	149.2	-5.4	11.4	10.2	-12.4	-230266	8.2	
20	630.263	1435.8	146.2	-7.4	11.5	8.3	-12.7	-230266	8.4	
20	629.963	1435.7	146.1	-8	12.2	8.7	-13.4	-230368	8.4	
20	629.663	1435.8	145.6	-8.3	12.9	9.3	-14	-230596	8.6	
20	629.363	1436.2	145.1	-8.7	13.8	10	-14.4	-230978	8.7	
20	629.063	1436.4	145	-9	14.8	9.3	-14.9	-231437	8.4	
20	628.763	1436.9	144.8	-9.2	15.7	10.7	-15.2	-231975	8.3	
20	628.463	1437.3	142.3	-12.8	16.6	8.8	-15.6	-232646	8.3	
20	628.163	1437.4	143.5	-11	17.4	9.3	-15.9	-233346	8.5	
20	627.863	1437.5	140.8	-13.7	17.3	9.6	-15.8	-234024	8.7	
20	627.563	1437.1	140.8	-14.7	16.6	9.9	-15.3	-234758	8.7	
20	627.263	1436.9	139.7	-15.4	15.6	10.1	-14.5	-235471	9	
20	626.963	1436.8	137.1	-17.7	14.7	7.8	-13.8	-236188	9	
20	626.663	1436.6	138.1	-16.7	13.6	8.7	-13.1	-236937	8.8	
20	626.363	1436.3	136.5	-17.2	12.2	7.9	-12.3	-237717	8.8	
20	626.063	1436.2	135.1	-19.7	11.2	7.7	-11.5	-238475	8.6	
20	625.763	1436	136.2	-19.5	10.1	8.9	-10.8	-239320	8.6	
20	625.463	1436.1	133.6	-21.6	9.3	8	-10	-240253	8.8	
20	625.163	1435.9	133.2	-21.5	9.3	7.7	-9.8	-241166	9	
20	624.863	1435.8	131.5	-23.6	9.3	7.4	-9.9	-242170	9.5	
20	624.563	1435.5	131.6	-21.9	9.5	9.3	-10.2	-243324	9.6	
20	624.263	1435.7	131.4	-23.2	10	9.4	-10.3	-244518	9.8	
20	623.963	1435.9	129.9	-24.9	10.7	9.2	-10.6	-245694	10.2	
20	623.663	1435.8	129.7	-25.2	11.3	10	-11.2	-246882	10.4	
20	623.363	1435.9	128.2	-24.9	12	9.2	-11.7	-247963	10.9	
20	623.063	1436	127.9	-25.7	12.7	9.9	-12.3	-248936	10.6	
20	622.763	1435.8	128.2	-26.3	13.3	10.8	-13	-249797	10.3	
20	622.463	1435.8	127.6	-26	13.7	11.4	-13.4	-250515	10.1	
20	622.163	1435.6	126.8	-26.9	14	10.5	-13.9	-251085	9.9	
20	621.863	1435.4	125.5	-27.5	14.1	9.5	-14.4	-251508	9.8	
20	621.563	1435.3	125.3	-27.6	14	10.4	-14.7	-251840	9.5	
20	621.263	1435.2	125.1	-28.3	14.1	10	-14.8	-252083	9.2	
20	620.963	1435.2	123.7	-26.5	13.9	9.8	-14.8	-252235	9	
20	620.663	1435.1	123.5	-30.5	13.4	9.9	-14.6	-252448	8.7	
20	620.363	1435.1	122.2	-28.7	13.3	8.7	-14.3	-252875	8.6	
20	620.063	1435.2	121	-30.8	12.9	8.4	-13.8	-253487	8.6	
20	619.763	1435.5	120.7	-30.1	12.6	8.4	-13.2	-254473	8.4	
20	619.463	1435.8	120.2	-30	12.3	9.1	-12.5	-255747	8.3	
20	619.163	1436.2	118.9	-31.7	12.2	7.8	-12	-257255	8.2	
20	618.863	1436.1	118.9	-31.2	11.8	8	-11.8	-259134	8.3	
20	618.563	1436.3	117.7	-30.6	11.7	8.6	-11.4	-261365	8.6	
20	618.263	1436.5	116.7	-31.9	11.7	7.6	-11.2	-263835	8.8	
20	617.963	1436.4	116	-33.2	11.7	8.2	-11.2	-266420	9.1	
20	617.663	1436.5	114.9	-31.3	11.7	8.7	-11	-268918	9.2	
20	617.363	1436.6	114.7	-31.4	12	8.8	-11.1	-271112	9.2	
20	617.063	1436.7	113.3	-32.3	12.1	8.6	-11.2	-272949	9.3	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
20	616.763	1436.8	113.4	-31.7	12.2	9.4	-11.4	-274416	9.1	
20	616.463	1436.9	113.3	-31.7	12.5	10	-11.5	-275463	9.1	
20	616.163	1436.9	111.7	-33.1	12.6	9.1	-11.7	-276044	9.1	
20	615.863	1437	112.4	-29.9	12.6	10.2	-11.6	-276262	8.7	
20	615.563	1436.8	111.6	-31.9	12.4	10.4	-11.6	-276153	8.7	
20	615.263	1436.4	109.8	-31	12.3	9.2	-11.8	-275753	8.7	
20	614.963	1435.9	109.5	-31.3	11.9	10	-11.8	-275390	8.8	
20	614.663	1435.8	107.9	-31.8	11.6	9.8	-11.6	-275137	8.8	
20	614.363	1435.8	107.4	-29.7	11.5	9.5	-11.5	-275029	8.7	
20	614.063	1435.7	106	-32.1	11.3	8.9	-11.3	-275173	8.8	
20	613.763	1435.8	105.6	-30.9	11.2	10.8	-11.1	-275572	8.5	
20	613.463	1435.6	105.1	-30	11.1	8.3	-11.2	-276262	8.4	
20	613.163	1435.5	103.8	-32.4	11.1	8.7	-11.2	-277177	8.4	
20	612.863	1435.3	103.7	-29.9	11	9.7	-11.2	-278430	8.6	
20	612.563	1435	101.9	-31.3	10.8	9.6	-11.2	-280031	9	
20	612.263	1434.9	100.4	-31.1	10.4	9.2	-11.1	-281878	9.1	
20	611.963	1434.7	99.9	-31.7	10.1	9.6	-11.1	-284058	9	
20	611.663	1434.6	98.5	-32.9	9.9	9.9	-11.1	-286467	9.6	
20	611.363	1434.5	94.9	-35	9.8	7.5	-11.5	-289078	9.8	
20	611.063	1434.4	98	-31.7	9.6	11	-11.6	-291817	9.9	
20	610.763	1434.4	95.4	-32.8	9.2	10.4	-11.4	-294609	10.3	
20	610.463	1434.7	95.3	-32.6	9.1	9.7	-11	-297371	10.2	
20	610.163	1434.9	93	-35.2	9.5	9.7	-10.7	-300055	10.5	
20	609.863	1435.4	92.8	-34.8	10	11	-10.2	-302483	10.7	
20	609.563	1435.7	91.1	-35.7	10.4	9.2	-9.9	-304595	10.7	
20	609.263	1435.8	90.5	-35	10.3	10.5	-9.6	-306288	10.7	
20	608.963	1436.6	88.8	-36.5	10.7	10	-9	-307683	10.5	
20	608.663	1437.3	88.7	-36.4	10.6	10.6	-8.3	-308818	10.5	
20	608.363	1437.7	86.8	-36.9	10.6	7.8	-8.1	-309731	10.1	
20	608.063	1438	88	-35.5	10.8	9.5	-8.2	-310512	9.7	
20	607.763	1437.2	85.7	-36.5	10.2	8.9	-8.5	-311251	9.9	
20	607.463	1436.3	84.7	-36.3	9.5	7.6	-9	-311900	9.8	
20	607.163	1435.8	85.3	-35.4	9.2	9.5	-9.3	-312738	9.8	
20	606.863	1435.6	82.8	-37.4	9.5	7.7	-9.7	-313769	9.7	
20	606.563	1435.3	83.8	-35.1	9.2	9.1	-10.2	-315044	9.6	
20	606.263	1435.5	79.2	-39.7	9.5	6.4	-10.7	-316520	10.4	
20	605.963	1435.9	82.9	-34.8	10.1	10.3	-10.9	-318252	10.3	
20	605.663	1436	81	-35.7	10.5	8	-11.1	-320101	10.2	
20	605.363	1436.1	80.5	-35.5	10.8	9.5	-11.1	-322170	10	
20	605.063	1436.2	81	-33.9	11.3	10	-10.8	-324466	9.8	
20	604.763	1436	80	-34.7	11.2	9.6	-10.6	-326847	9.9	
20	604.463	1435.8	79.1	-34.2	11	10.1	-10.5	-329211	9.8	
20	604.163	1436	79.9	-33.5	10.9	10.9	-9.9	-331609	9.7	
20	603.863	1436.1	77.7	-35.6	10.5	10.7	-9.5	-333883	9.6	
20	603.563	1435.8	79	-32.7	9.8	10.9	-9.3	-336026	9.3	
20	603.263	1435.3	78.3	-34.1	9.2	10.8	-9.2	-338197	9.6	
20	602.963	1435.5	76.3	-35.3	9.1	10	-8.9	-340286	9.2	
20	602.663	1435.2	76.9	-32.9	8.5	10.3	-8.7	-342400	8.9	
20	602.363	1434.9	75.3	-34.2	8	9.7	-8.5	-344541	8.9	
20	602.063	1434.9	74.7	-33.2	7.7	10.3	-8.2	-346594	8.9	
20	601.763	1434.7	73.7	-33.7	7.5	8.4	-8.2	-348614	8.9	
20	601.463	1434.6	74	-32	7.2	10.4	-8.1	-350658	8.9	
20	601.163	1434.7	72	-33.6	7.6	7.8	-8	-353022	8.8	
20	600.863	1434.5	73.2	-31.9	7.7	9.8	-8	-355480	8.9	
20	600.563	1434.5	70.5	-33.3	7.5	9.2	-8	-357910	9.4	
20	600.263	1434.7	70	-33.7	8	9	-8	-360126	9.8	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
20	599.963	1434.8	68.9	-33	8.4	9.4	-8.2	-362245	10.1	
20	599.663	1434.9	67.6	-32.8	8.5	8.9	-8.4	-364325	10.1	
20	599.363	1434.9	68.4	-31.5	8.7	10.7	-8.7	-366365	10.1	
20	599.063	1434.9	67.2	-31.3	8.9	9.4	-8.9	-368363	10	
20	598.763	1434.5	67.1	-27.8	8.7	10.5	-9.3	-370121	9.9	
20	598.463	1434.3	66.3	-31.7	8.6	9.9	-9.4	-371566	10.1	
20	598.163	1434.4	65	-30.4	8.7	10.3	-9.5	-372956	10	
20	597.863	1434.3	64.8	-30.5	8.4	10.4	-9.6	-374423	9.9	
20	597.563	1434.3	63.9	-29.1	8.4	10.5	-9.6	-376104	10	
20	597.263	1434.7	62.8	-30	8.5	10.9	-9.3	-377937	10.1	
20	596.963	1435	61.9	-29.2	8.5	9.3	-9	-379857	10	
20	596.663	1435.2	61.7	-28.8	8.5	10.7	-8.7	-382075	9.9	
20	596.363	1435.5	61	-27.8	8.8	10.1	-8.4	-384461	9.8	
20	596.063	1435.8	59.9	-28.8	8.9	9.4	-8.1	-387234	9.7	
20	595.763	1436	59	-27.8	8.8	9.8	-7.8	-390192	9.8	
20	595.463	1436.3	58.6	-29.4	8.8	9.7	-7.4	-393344	9.7	
20	595.163	1436.3	57.9	-27.8	8.5	10.1	-7.2	-396623	9.7	
20	594.863	1436.2	56.5	-28.2	8	9.1	-7.1	-399880	9.5	
20	594.563	1436.1	56.7	-28.6	7.5	10.4	-7	-403191	9.6	
20	594.263	1436	54.6	-28.2	7.2	8.3	-6.9	-406715	9.7	
20	593.963	1435.7	54.3	-29.5	6.8	8.9	-7	-410061	9.5	
20	593.663	1435.6	54.2	-25	6.7	9.9	-7.1	-413380	9.4	
20	593.363	1435.5	53.1	-29.8	6.7	9.8	-7.2	-416670	9.6	
20	593.063	1435.4	52.4	-28.6	6.8	9.1	-7.4	-420098	9.7	
20	592.763	1435.7	51.2	-29.3	7.2	9.3	-7.4	-423497	10.3	
20	592.463	1435.9	51	-30	7.7	10.3	-7.4	-426690	10.4	
20	592.163	1436.2	49.9	-30.1	8.2	9.2	-7.5	-429579	10.3	
20	591.863	1436.3	50.4	-28.7	8.5	11	-7.6	-431883	10	
20	591.563	1436.2	48.9	-31	8.6	10.2	-7.6	-433762	10.1	
20	591.263	1436.2	47.5	-30.2	8.3	8.8	-7.5	-435295	10.2	
20	590.963	1436	46.9	-32.1	8	9.4	-7.5	-436474	10.3	
20	590.663	1435.8	47.4	-30.9	7.8	10.5	-7.4	-437386	10.1	
20	590.363	1435.5	46.5	-29.8	7.4	9.8	-7.4	-438118	9.9	
20	590.063	1435.1	45.8	-31.1	6.8	10.1	-7.3	-438853	10.1	
20	589.763	1435	45.3	-30	6.3	9.6	-6.9	-439959	10.1	
20	589.463	1434.8	44.2	-30.5	6	9.2	-6.7	-441816	10.2	
20	589.163	1434.8	43.2	-30.5	5.7	8.8	-6.5	-444348	10.2	
20	588.863	1435.2	43.5	-30.5	6.1	9.9	-6.3	-447673	9.9	
20	588.563	1435.4	42.5	-29.5	6.1	10.3	-6.1	-451827	10.3	
20	588.263	1435.3	41.7	-31.5	6	8.7	-6	-456755	10.1	
20	587.963	1435.2	42.1	-28.4	6.1	10.1	-6	-462404	10.1	
20	587.663	1435.2	40.6	-29.4	6.2	9.3	-6	-468613	9.9	
20	587.363	1435	41.6	-27.3	6.4	10.1	-6.3	-475208	9.5	
20	587.063	1434.8	40	-27.6	6.6	9.9	-6.5	-481768	10	
20	586.763	1435	40.3	-28.1	7	11.4	-6.5	-488171	9.9	
20	586.463	1434.6	39.5	-27.7	6.9	10.5	-6.8	-494395	9.9	
20	586.163	1434.7	38	-29.1	7	10.6	-6.8	-500182	10.1	
20	585.863	1434.8	38.8	-27.5	7.3	11.6	-6.8	-505374	9.9	
20	585.563	1434.8	37.7	-27.3	7.3	11.2	-6.8	-509679	10.2	
20	585.263	1434.8	36.6	-28.2	7.2	10.8	-6.7	-513303	10.2	
20	584.963	1434.8	36.8	-27.1	7.2	11.3	-6.5	-516214	10.1	
20	584.663	1434.6	36	-26.8	6.8	12.1	-6.3	-518515	10.2	
20	584.363	1434.3	34.4	-27.5	6	10.4	-6	-520448	10.6	
20	584.063	1433.8	34.3	-27.4	5.5	11.4	-5.7	-521875	11	
20	583.763	1433.7	32.5	-28.5	4.9	10.7	-5.4	-523310	10.9	
20	583.463	1433.3	32.6	-27.3	4.2	10.8	-5.3	-524752	10.9	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
20	583.163	1433.3	31.3	-27.7	3.9	10.7	-5.1	-526468	10.9	
20	582.863	1433.4	31.3	-27.3	3.7	11.2	-4.9	-528594	10.6	
20	582.563	1433.2	29.6	-28.3	3.6	10.4	-5	-531007	11.1	
20	582.263	1433.4	28.3	-28.2	4.1	10	-5.2	-533987	11.1	
20	581.963	1433.5	28.8	-27.9	4.6	11.7	-5.6	-537551	10.8	
20	581.663	1433.4	28.2	-26.4	5.3	11.2	-6.1	-542144	10.7	
20	581.363	1433.7	27.4	-26.9	5.8	11.5	-6.4	-547388	10.5	
20	581.063	1434	26.7	-27.5	6.7	11.1	-6.7	-553027	10.4	
20	580.763	1434.3	25.4	-27.7	7.2	10.4	-7	-559231	10.4	
20	580.463	1434.4	24.8	-27.6	7.5	9.9	-7.2	-565881	10.2	
20	580.163	1434.5	23.9	-27.3	7.7	10.4	-7.2	-573162	10.1	
20	579.863	1434.4	22.7	-28.3	7.2	10	-7	-580632	10	
20	579.563	1434.7	21.4	-28.5	6.9	8.8	-6.4	-587804	10	
20	579.263	1434.7	21.1	-29.3	6.5	8.9	-6	-594987	9.7	
20	578.963	1434.9	20.2	-28.7	5.9	8.1	-5.4	-601828	9.4	
20	578.663	1434.7	19.4	-28.1	5.3	8.5	-5	-608828	9.5	
20	578.363	1434.8	19.5	-27.4	4.6	9.2	-4.4	-616174	9.3	
20	578.063	1434.9	18.9	-28.5	4.3	8.8	-3.9	-623699	9.3	
20	577.763	1434.9	17.6	-28.9	4	8.4	-3.6	-631792	9.5	
20	577.463	1434.9	17.2	-28.6	3.9	8.7	-3.4	-640293	9.7	
20	577.163	1435	16.4	-28.9	3.9	9.5	-3.3	-650033	10.2	
20	576.863	1435	15.6	-28.6	4	9	-3.3	-660491	10.5	
20	576.563	1435	15.6	-27.6	4.1	9.9	-3.3	-671506	10.5	
20	576.263	1434.8	14	-29.5	4.2	9.7	-3.5	-683564	11.1	
20	575.963	1434.9	13.9	-28.6	4.7	9.7	-3.8	-696063	11.2	
20	575.663	1434.6	14.1	-27.6	4.8	10.9	-4.3	-708787	11.5	
20	575.363	1434.6	13.6	-28.5	5	11	-4.5	-722234	11.3	
20	575.063	1434.3	13.7	-26.9	5.2	11	-4.9	-735684	11.1	
20	574.763	1434	12.9	-28.7	5.2	11	-5.3	-749376	10.9	
20	574.463	1433.9	13	-27	5.4	11.4	-5.5	-763030	10.5	
20	574.163	1433.4	12.2	-28.1	5.2	10.4	-5.8	-776040	10.3	
20	573.863	1433.4	11.5	-28	5.4	11	-5.9	-787126	9.9	
20	573.563	1433.3	11.4	-26.6	5.4	11.1	-6	-795802	9.6	
20	573.263	1433.2	10.5	-28.3	5.5	10.6	-5.9	-802512	9.8	
20	572.963	1433.3	10.1	-27.6	5.6	10.2	-5.8	-807153	9.3	
20	572.663	1433.2	10.4	-26.2	5.5	10.8	-5.6	-809650	9.3	
20	572.363	1433.2	9.2	-27.6	5.4	10.6	-5.2	-811848	9.5	
20	572.063	1433.1	8.6	-27.4	5.2	10	-4.9	-814057	9.3	
20	571.763	1433.1	8.6	-25.8	4.6	10.9	-4.3	-817873	9.6	
20	571.463	1433	6.8	-27.5	4.1	9.7	-3.9	-824962	9.8	
20	571.163	1432.8	5.9	-26.6	3.6	9.7	-3.6	-835497	10.4	
20	570.863	1432.6	5.3	-27.3	3	9.7	-3.3	-849049	10.6	
20	570.563	1432.4	4.7	-26.6	2.5	9.6	-3	-865545	10.9	
20	570.263	1432.3	4.1	-27.2	2.1	9.6	-2.7	-884187	11.3	
20	569.963	1432	3.4	-26.2	1.7	9.9	-2.6	-902869	11.4	
20	569.663	1431.7	2.9	-25.4	1.2	10.4	-2.5	-921141	11.6	
20	569.363	1432.1	2.4	-26.4	1.4	10.3	-2.4	-935965	11.4	
20	569.063	1432.2	2.3	-25.9	1.7	10.6	-2.5	-947400	11.3	
20	568.763	1432.3	1.8	-25.6	1.7	11.1	-2.3	-954744	11.2	
20	568.463	1432.6	1.9	-24.8	1.8	10.7	-2	-959557	10.6	
20	568.163	1432.5	1.9	-23.5	1.8	11	-1.9	-962645	10.1	
20	567.863	1432.6	1.3	-23.5	1.7	10.4	-1.7	-964863	9.6	
20	567.563	1432.6	0.6	-23.3	1.7	9.6	-1.6	-967986	9.3	
20	567.263	1432.8	-0.4	-23.1	1.7	8.9	-1.4	-974292	9.4	
20	566.963	1433	-1.5	-22.9	1.6	7.6	-1.4	-984369	9.2	
20	566.663	1433	-0.8	-21.9	1.3	8.4	-1.3	-998452	9.2	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
20	566.363	1432.9	-2.1	-22.3	1.3	7.4	-1.3	-1015399	9.3	
20	566.063	1432.9	-1.7	-21.1	1.3	7.6	-1.3	-1035486	9.4	
20	565.763	1432.8	-2.6	-22.1	1.5	6.9	-1.4	-1059592	10	
20	565.463	1433	-3.1	-22	1.7	7.2	-1.3	-1088229	10.2	
20	565.163	1433	-2.9	-20.5	2	7.8	-1.4	-1119055	10.2	
20	564.863	1433.3	-2.7	-19.9	2.1	8.3	-1.3	-1151679	10.1	
20	564.563	1433.5	-2.3	-18.7	2.2	9.2	-1.3	-1184919	9.9	
20	564.263	1433.7	-2.3	-17.9	2.4	8.1	-1.4	-1218715	9.7	
20	563.963	1433.5	-2.1	-17.7	2.7	8.8	-1.9	-1255247	9.6	
20	563.663	1433.2	-1.7	-15.7	2.8	8.8	-2.5	-1294837	9.3	
20	563.363	1432.9	-0.8	-14.7	3.3	10	-3.1	-1337861	9.2	
20	563.063	1432.6	-1.5	-15.6	3.4	10	-3.6	-1382927	9.2	
20	562.763	1432.2	-1.6	-15.2	3.6	9.5	-4.1	-1430158	9.2	
20	562.463	1432.2	-1.3	-15	3.8	10.3	-4.3	-1479683	9.4	
20	562.163	1432.3	-1.7	-14.6	4	9	-4.5	-1529402	9.1	
20	561.863	1432.4	-0.6	-13.6	4	10.3	-4.4	-1578998	8.9	
20	561.563	1432.6	-0.5	-12.7	3.9	10.4	-3.9	-1621806	9.1	
20	561.263	1432.8	-0.8	-12.3	3.5	10.2	-3.2	-1656449	9.2	
20	560.963	1432.7	-0.6	-12	2.9	10.2	-2.7	-1683080	9.5	
20	560.663	1432.5	-1.5	-12	2.2	9.8	-2.3	-1700854	9.8	
20	560.363	1432.5	-0.9	-11	2.1	10.2	-2.1	-1710581	9.5	
20	560.063	1432.2	-1.7	-12.1	1.9	9.2	-2.3	-1713381	9.6	
20	559.763	1432.1	-0.9	-10.1	1.6	10	-2.4	-1716189	9.3	
20	559.463	1431.9	-1.7	-10.3	1.7	8.4	-2.8	-1719007	9.3	
20	559.163	1431.8	-1.5	-10.1	1.9	8.9	-3.3	-1724671	9.4	
20	558.863	1431.9	-1.9	-8.7	2.4	8	-3.7	-1737553	9.3	
20	558.563	1432.1	-1.7	-7.6	2.9	9	-3.9	-1755030	9.4	
20	558.263	1432.6	-1.5	-6.8	3.2	9.1	-3.7	-1772863	9.4	
20	557.963	1432.9	-1.6	-6.3	3.3	8.3	-3.4	-1794131	9.2	
20	557.663	1433	-1.3	-5.4	3	9.3	-2.9	-1814342	9.4	
20	557.363	1433.4	-1.4	-4.8	2.7	8.6	-2	-1831803	9.3	
20	557.063	1433.6	-1	-3.9	2.1	9.1	-1.1	-1846341	9.3	
20	556.763	1433.8	-1.4	-3.8	1.6	8.4	-0.3	-1857809	9.1	
20	556.463	1433.7	-0.5	-2.8	1	9	0.2	-1861112	8.9	
20	556.163	1433.5	-2	-3.8	0.4	8.1	0.5	-1854518	9.4	
20	555.863	1433.6	-0.8	-2.7	-0.1	9.2	0.8	-1843091	9.2	
20	555.563	1433.6	-0.5	-2.4	-0.3	9	0.9	-1828603	8.9	
20	555.263	1433.6	-0.7	-2	-0.2	8.9	0.8	-1811203	9.1	
20	554.963	1433.4	-0.5	-1.1	-0.1	9.1	0.4	-1800302	8.9	
20	554.663	1433.2	0.1	0.5	0.2	9.4	-0.2	-1789531	8.8	
20	554.363	1433.1	0.2	1.7	0.3	10.3	-0.6	-1778888	9	
20	554.063	1433.2	0.7	1.5	0.8	10	-0.8	-1774365	8.9	
20	553.763	1433.2	0.4	2.5	1.1	10.6	-0.8	-1783434	9.3	
20	553.463	1433.2	-0.1	1.6	1.2	9.8	-0.8	-1812771	9.5	
20	553.163	1433.1	0.4	3	1.3	10.4	-0.8	-1861112	9.5	
20	552.863	1432.9	0.3	3.4	1.3	10.7	-0.8	-1929724	9.9	
20	552.563	1432.9	0.1	3	1.6	10.6	-0.7	-2019046	10.1	
20	552.263	1432.9	0	2.7	1.6	10.3	-0.6	-2123479	10.3	
20	551.963	1432.9	-0.7	1.6	1.7	10.4	-0.6	-2244106	10.4	
20	551.663	1432.8	-0.3	2	1.8	10.1	-0.8	-2368496	10.2	
20	551.363	1432.4	0.3	2.4	1.9	10.5	-1.2	-2480747	10	
20	551.063	1432	0	1.7	1.7	10.9	-1.6	-2559597	10.2	
20	550.763	1431.5	-0.4	0.4	1.5	10.1	-2	-2610661	10.1	
20	550.463	1431.2	-0.3	1.2	1.5	10.2	-2.3	-2630340	10	
20	550.163	1430.7	-0.4	1.2	1	10	-2.5	-2617188	9.8	
20	549.863	1430.6	-0.1	1.2	0.7	10.2	-2.4	-2594486	9.4	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
20	549.563	1430.5	-1.5	0.2	0.3	9	-2.3	-2569019	9.2	
20	549.263	1430.4	-1.1	-0.5	-0.1	9	-2	-2556472	9	
20	548.963	1430.2	-0.8	-0.3	-0.6	8.6	-1.6	-2569019	8.8	
20	548.663	1430.5	-1.3	-0.5	-0.8	8.1	-1.1	-2610661	8.7	
20	548.363	1430.8	-1.2	-0.6	-0.6	8.3	-0.8	-2674011	8.6	
20	548.063	1431.1	-1.2	0.3	-0.5	7.9	-0.5	-2747704	8.6	
20	547.763	1431.5	-1.4	-0.5	0.1	7.9	-0.4	-2825574	8.5	
20	547.463	1431.6	-1.7	0	0.3	7.9	-0.5	-2899931	8.7	
20	547.163	1432.1	-1.9	-1	1.1	8.3	-0.5	-2953103	8.8	
20	546.863	1432.3	-1.8	-0.1	2	9.2	-0.7	-2969859	8.8	
20	546.563	1432.5	-1.4	0.1	2.9	8.6	-1.1	-2944797	8.8	
20	546.263	1432.7	-1.4	0.5	3.8	8.8	-1.7	-2891920	8.8	
20	545.963	1432.9	-1.4	0.3	4	9.1	-2	-2810403	8.8	
20	545.663	1433.1	-0.7	0.8	4.3	9.4	-2.3	-2712112	8.4	
20	545.363	1432.9	-1.1	0.5	4	9.5	-2.4	-2610661	8.5	
20	545.063	1433	-1.6	-0.3	3.6	8.9	-2.1	-2510492	8.4	
20	544.763	1432.5	-1.3	0.1	2.8	9.6	-2	-2420521	8.5	
20	544.463	1431.7	-3.2	-2.2	1.7	8.2	-2	-2342003	8.8	
20	544.163	1431.3	-1.5	-0.1	0.8	9.5	-1.7	-2270879	8.9	
20	543.863	1430.8	-1.5	-1	-0.3	10.3	-1.3	-2203948	9.4	
20	543.563	1430.9	-2.2	-0.2	-1.1	10	-0.6	-2136480	10.1	
20	543.263	1431	-2.3	-1.5	-1.6	9.4	-0.1	-2073021	10.7	
20	542.963	1431.1	-2.8	-2.3	-2	9.8	0.4	-2013222	11.5	
20	542.663	1431.3	-2.5	-1.8	-2	10.6	0.7	-1956776	11.9	
20	542.363	1431.4	-2.8	-2.3	-1.7	10.6	0.8	-1903410	12.1	
20	542.063	1431.8	-3.4	-3.5	-0.9	11.1	0.8	-1854518	11.8	
20	541.763	1431.9	-2.8	-3	-0.2	10.2	0.5	-1815916	11.5	
20	541.463	1432	-3.3	-4	0.6	9.9	0.1	-1791062	11.3	
20	541.163	1432.3	-2.8	-3.2	1.4	10	-0.6	-1780401	10.4	
20	540.863	1432.4	-1.3	-1.2	1.9	10.9	-1.1	-1784954	9.9	
20	540.563	1432.5	-1	-1.4	2.4	10.6	-1.7	-1806515	8.9	
20	540.263	1432.3	-0.8	-1.1	2.8	9.6	-2.5	-1844715	8.1	
20	539.963	1432.1	-1.3	-1.4	3.1	9.3	-3	-1901681	7.9	
20	539.663	1432.1	-2.2	-2.2	3.1	8.8	-3.2	-1971517	7.7	
20	539.363	1431.9	-1.4	-0.7	3	9.4	-3.2	-2052697	7.8	
20	539.063	1431.8	-2.2	-1.9	2.6	9.3	-2.9	-2138663	8	
20	538.763	1432	-2.6	-2.9	2.2	8.9	-2.4	-2217956	8.2	
20	538.463	1432.2	-2.3	-2.3	2	8.4	-2	-2280774	8.6	
20	538.163	1432.5	-2.5	-2.1	1.9	8.1	-1.6	-2323808	8.7	
20	537.863	1432.6	-2	-1.7	1.6	8.9	-1.3	-2336775	8.9	
20	537.563	1432.5	-2.6	-2.2	1.3	9	-1	-2318661	9.7	
20	537.263	1432.6	-3.2	-3.1	1	9.4	-0.7	-2280774	9.9	
20	536.963	1432.4	-3.2	-1.7	1.1	9.1	-0.7	-2222665	10.2	
20	536.663	1432.2	-3.7	-2.6	1.2	9.5	-0.9	-2158506	10.7	
20	536.363	1432.2	-3.7	-2.9	1.4	9.9	-1.1	-2093751	10.8	
20	536.063	1431.9	-3	-1.7	1.8	10.4	-1.6	-2040693	10.9	
20	535.763	1432	-2.8	-1.6	2	11	-1.9	-1995949	11.2	
20	535.463	1432.2	-3.2	-2	2.3	10	-2.1	-1960441	11.1	
20	535.163	1432.3	-2.5	-1.1	2.6	10.7	-2.4	-1935075	11.1	
20	534.863	1432.4	-3.2	-1.5	2.7	10.1	-2.7	-1913849	11.1	
20	534.563	1432.2	-2.8	-0.9	2.7	10	-3.1	-1896514	10.9	
20	534.263	1431.9	-2.7	-0.9	2.6	10.2	-3.4	-1887963	10.9	
20	533.963	1431.7	-2.9	-1.5	2.4	9.7	-3.6	-1881178	10.7	
20	533.663	1431.3	-2.7	-1.3	2.4	9.4	-3.8	-1871091	10.6	
20	533.363	1431.3	-2.7	-1.3	2.5	9.1	-3.8	-1856162	10.6	
20	533.063	1431.5	-2.3	-1.6	2.6	9.5	-3.8	-1836624	10.3	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
20	532.763	1431.7	-1.5	-0.4	2.8	9.2	-3.8	-1812771	10	
20	532.463	1432.2	-1.2	0.4	3.1	9.7	-3.7	-1789531	9.9	
20	532.163	1432.8	-0.5	0.8	3.5	10	-3.5	-1768371	9.7	
20	531.863	1433.2	-0.3	2.9	3.4	10.8	-3	-1749165	9.8	
20	531.563	1433.5	-0.1	1.4	3.1	10.8	-2.4	-1734674	9.8	
20	531.263	1433.4	0.1	1.6	2.8	10.8	-1.9	-1726093	9.6	
20	530.963	1433.3	0.4	2.6	2.1	11.4	-1.3	-1724671	9.5	
20	530.663	1433.2	0.3	2.6	1.2	10.7	-0.6	-1727517	9.1	
20	530.363	1433.1	1.2	4	0.4	10.6	0.1	-1736112	8.8	
20	530.063	1433.2	1.2	3.7	-0.4	10.1	0.9	-1755030	8.5	
20	529.763	1433.4	1.2	4	-0.9	9.7	1.5	-1778888	8.2	
20	529.463	1433.7	0.2	3.6	-1.1	9.3	1.9	-1803403	8.2	
20	529.163	1433.9	0.6	3.4	-1.1	9.3	2.1	-1827008	7.8	
20	528.863	1433.7	0.5	3.8	-0.8	8.6	1.9	-1843091	7.7	
20	528.563	1433.6	-0.4	2.4	-0.2	7.9	1.5	-1852877	7.8	
20	528.263	1433.8	-0.3	1	0.8	8.2	0.9	-1856162	7.7	
20	527.963	1433.6	0.4	1.4	1.8	8.1	0	-1851239	7.5	
20	527.663	1433.3	0.4	1.2	2.6	8.2	-1.1	-1839851	7.5	
20	527.363	1432.8	0	1.3	3	7.8	-2	-1822238	7.6	
20	527.063	1432.5	-1.4	0.8	3.7	7.5	-2.9	-1800302	8	
20	526.763	1432.2	-1.6	-0.2	3.8	7.8	-3.5	-1780401	8.5	
20	526.463	1431.8	-0.9	1.3	4	8.7	-4.1	-1763901	8.8	
20	526.163	1431.3	-1.3	1.3	3.8	9	-4.3	-1752093	9.2	
20	525.863	1431.1	-1.8	0.5	3.4	8.8	-4.3	-1749165	9.5	
20	525.563	1430.6	-1.6	0.9	2.8	9	-4.2	-1750628	10	
20	525.263	1430.4	-1.7	0.3	2.3	9.5	-3.8	-1756503	10.6	
20	524.963	1430.2	-1.5	1.1	1.9	9.8	-3.3	-1768371	10.9	
20	524.663	1429.8	-2	1.2	1.3	10.6	-3	-1786477	11.3	
20	524.363	1429.9	-2.3	0.9	1	11.5	-2.5	-1812771	11.5	
20	524.063	1430	-2	1.7	0.8	11.3	-2.1	-1843091	11.4	
20	523.763	1429.9	-1.7	2	0.7	11.5	-1.9	-1877804	11.4	
20	523.463	1430.2	-1.9	1.1	0.6	11.4	-1.5	-1917354	11.1	
20	523.163	1430.3	-1.5	1.3	0.8	11.4	-1.3	-1960441	10.9	
20	522.863	1430.4	-1.5	1.7	0.8	11.5	-1.1	-2005508	10.9	
20	522.563	1430.4	-0.8	1.7	0.6	11.8	-0.8	-2058752	10.7	
20	522.263	1430.4	-1.2	2	0.7	12.1	-0.6	-2117038	10.9	
20	521.963	1430.6	-3	-0.2	0.7	10.9	-0.5	-2176456	11	
20	521.663	1430.8	-2.8	-0.1	0.8	11.2	-0.5	-2227394	11.1	
20	521.363	1431	-2.2	0.7	1.1	11.7	-0.5	-2258631	11.1	
20	521.063	1431.1	-2.6	0.1	1.2	11.5	-0.7	-2273345	10.8	
20	520.763	1431.1	-2.4	0.3	1.4	11	-0.9	-2258631	10.5	
20	520.463	1431.1	-2.5	-0.2	1.5	11.1	-1.1	-2215609	10.3	
20	520.163	1431	-2.2	-0.7	1.7	10.5	-1.2	-2143041	10	
20	519.863	1430.8	-2.7	-1.5	1.8	10	-1.4	-2044678	9.8	
20	519.563	1430.8	-3.5	-3	1.9	10.4	-1.6	-1936865	9.7	
20	519.263	1431	-3.9	-3.6	2.2	9.7	-1.7	-1833407	9.5	
20	518.963	1430.9	-3.9	-3.8	2.2	9.1	-1.9	-1738996	9.7	
20	518.663	1431	-4.6	-4.7	2.2	8.8	-1.8	-1661707	9.9	
20	518.363	1431	-4.3	-4.7	2.1	8.9	-1.8	-1601952	10.1	
20	518.063	1430.9	-5.1	-5.4	2.2	8.4	-1.9	-1560172	10.4	
20	517.763	1430.7	-4.6	-5.8	2.1	8.9	-2	-1539523	10.5	
20	517.463	1430.4	-4.7	-5.9	2	8.8	-2.1	-1541790	10.6	
20	517.163	1430.3	-5.4	-6.6	1.9	8.9	-2.1	-1562501	11.1	
20	516.863	1430.2	-5.3	-5.5	1.5	9.2	-2	-1599504	11.1	
20	516.563	1430.2	-4.4	-5	1.6	9.8	-2	-1648623	11	
20	516.263	1430.2	-4.4	-4.9	1.5	10.1	-1.9	-1710581	11	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
20	515.963	1430.3	-3.8	-3.4	1.4	10	-1.8	-1780401	10.9	
20	515.663	1430.1	-3.6	-3.3	1.2	10	-1.8	-1852877	10.9	
20	515.363	1430.2	-3.7	-4.1	1.5	9.6	-1.7	-1927947	10.8	
20	515.063	1430.2	-3	-3.4	1.4	10.3	-1.6	-1994048	10.3	
20	514.763	1430.3	-2.9	-2.9	1.3	9.9	-1.5	-2048680	9.9	
20	514.463	1430.5	-2.8	-1.4	1.4	10.6	-1.4	-2091659	9.4	
20	514.163	1430.3	-2.5	-0.9	1.4	9.7	-1.5	-2121328	9.1	
20	513.863	1430.3	-2.4	-1.5	1.5	9.8	-1.5	-2136480	8.8	
20	513.563	1430.4	-1.5	-0.2	1.5	9.7	-1.5	-2145236	8.1	
20	513.263	1430.5	-0.3	1.5	1.8	9.7	-1.4	-2138663	7.3	
20	512.963	1430.2	-0.4	1.2	1.5	9.4	-1.4	-2123479	7	
20	512.663	1430.5	-1.3	0.4	1.7	7.8	-1.1	-2102159	6.5	
20	512.363	1430.6	-0.4	1.1	1.7	8.5	-0.9	-2073021	6.3	
20	512.063	1430.7	-2.7	-0.7	1.6	6.8	-0.8	-2038706	7	
20	511.763	1430.7	-1.8	0.5	1.7	7.7	-0.8	-2003589	7.4	
20	511.463	1430.5	-2.4	-0.4	1.7	7.9	-1.1	-1969662	7.8	
20	511.163	1430.5	-2.3	-0.6	1.7	7.8	-1.3	-1936865	7.9	
20	510.863	1430.2	-1.8	0.1	1.9	7.8	-1.9	-1908615	8.2	
20	510.563	1430	-1.9	-0.4	2.1	7.7	-2.4	-1882870	8.5	
20	510.263	1429.7	-2.2	-0.7	2.2	8.1	-3.1	-1861112	8.8	
20	509.963	1429.3	-2.3	-1.5	2.1	8	-3.8	-1844715	9.4	
20	509.663	1429.3	-2.2	-1	2.4	9.6	-4.2	-1835014	9.9	
20	509.363	1429.3	-1.6	1.4	2.5	9.7	-4.2	-1831803	10	
20	509.063	1429.4	-2.6	0.2	2.6	9.1	-4.1	-1831803	10.3	
20	508.763	1429.7	-2.9	-0.7	2.5	9.5	-3.7	-1838236	10.8	
20	508.463	1429.9	-2.4	0.2	2.2	9.7	-3.2	-1846341	11.1	
20	508.163	1430.3	-1.8	0.6	2.1	10.2	-2.6	-1857809	11.3	
20	507.863	1430.7	-1.7	0.8	1.8	10.6	-1.8	-1872765	11.4	
20	507.563	1431.3	-1.4	0.8	1.7	11.1	-0.9	-1894797	11.4	
20	507.263	1431.4	-1.1	1.6	1.2	11.3	-0.2	-1919112	11.4	
20	506.963	1431.3	-0.8	2.7	0.8	11.4	0.2	-1944058	11.5	
20	506.663	1431.2	-0.5	3.4	0.4	12.1	0.4	-1967811	11.2	
20	506.363	1431.2	-0.9	3	0.3	12.1	0.5	-1992151	10.9	
20	506.063	1431.5	-0.2	4.4	0.6	12.3	0.5	-2015160	9.9	
20	505.763	1431.5	0.6	4.9	0.6	11.6	0.3	-2036723	8.8	
20	505.463	1431.7	0.4	5.5	0.8	10.6	0.2	-2056730	8.1	
20	505.163	1431.6	0.1	4.7	0.8	9.2	-0.2	-2070970	7.1	
20	504.863	1431.5	0.3	5	1	8.5	-0.5	-2075075	6.5	
20	504.563	1431.3	0.1	5.5	1.2	8	-0.9	-2073021	6.3	
20	504.263	1431.3	-0.2	5.1	1.4	7.4	-1.1	-2066881	6.1	
20	503.963	1431	-1.2	3.2	1.4	6.4	-1.4	-2060778	6.2	
20	503.663	1430.9	-2.7	1.7	1.3	5.7	-1.5	-2052697	7.5	
20	503.363	1430.9	-2.5	1.3	1.6	6.2	-1.8	-2044678	8.1	
20	503.063	1430.7	-2.5	1.1	1.6	7.5	-2	-2032768	9.5	
20	502.763	1430.7	-2.6	1.1	1.7	8.3	-2.1	-2020995	10.3	
20	502.463	1430.6	-2.3	0.7	1.7	9.1	-2.2	-2009358	10.9	
20	502.163	1430.6	-2.3	0.6	1.8	9.5	-2.3	-1994048	11.5	
20	501.863	1430.8	-2.4	0.4	1.8	10	-2.3	-1973375	11.8	
20	501.563	1430.8	-1.8	0.7	2	11	-2.3	-1951306	11.8	
20	501.263	1430.7	-1.6	0.8	1.8	11.9	-2.3	-1929724	11.9	
20	500.963	1430.7	-1.8	-0.3	1.7	11.9	-2.3	-1906877	11.8	
20	500.663	1430.6	-1.4	-1.1	1.7	12	-2.4	-1893084	11.6	
20	500.363	1430.6	-1.3	-0.9	1.7	12	-2.4	-1887963	11.5	
20	500.063	1430.8	-1.3	0	1.9	11.6	-2.2	-1893084	11	
20	499.763	1431	-0.7	-0.3	1.9	12.4	-2	-1908615	10.6	
20	499.463	1431.2	-0.9	1.8	1.9	12	-1.8	-1935075	10.3	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
20	499.163	1431.3	-0.7	1.1	1.9	11.3	-1.7	-1964119	9.6	
20	498.863	1431.5	-0.5	1.9	2	10.7	-1.5	-1997854	9.2	
20	498.563	1431.7	-1.3	1	2.1	9.8	-1.3	-2032768	9	
20	498.263	1431.9	-1.2	0.6	2.1	9.9	-1.1	-2066881	8.6	
20	497.963	1431.8	-1	0.9	1.9	9.6	-1	-2095847	8.6	
20	497.663	1431.7	-1.6	0.6	1.5	8.8	-0.7	-2112766	8.6	
20	497.363	1431.7	-2.7	-0.4	1.5	7.5	-0.7	-2114900	8.5	
20	497.063	1431.5	-2.8	-0.6	1.2	7.4	-0.7	-2108510	8.8	
20	496.763	1431.5	-2.9	-1.3	1.2	7.4	-0.7	-2097947	9	
20	496.463	1431.4	-2.3	0.3	1	8	-0.7	-2085409	9.1	
20	496.163	1431.2	-2.4	0.5	0.7	9	-0.7	-2068924	9.8	
20	495.863	1431.2	-3.5	-1.1	0.5	8.2	-0.7	-2048680	10.1	
20	495.563	1431.2	-2.6	-0.8	0.8	9.3	-0.8	-2030796	10	
20	495.263	1430.9	-2.2	-0.5	0.7	9.8	-1	-2013222	10.3	
20	494.963	1430.7	-2.7	-1.3	0.9	9.7	-1.4	-1995949	10.1	
20	494.663	1430.7	-1.9	-0.8	1.2	11	-1.6	-1980843	9.6	
20	494.363	1430.7	-1.9	-1.1	1.4	10.4	-1.7	-1969662	9.3	
20	494.063	1430.7	-1.8	-1.3	1.5	10.2	-1.8	-1958607	8.4	
20	493.763	1430.8	-2	-1.1	1.7	9.3	-1.9	-1949489	7.6	
20	493.463	1430.8	-2.1	-1.9	1.7	8.6	-1.9	-1938658	7.2	
20	493.163	1430.7	-2.7	-3.3	1.8	7	-2	-1931504	6.5	
20	492.863	1430.7	-1.8	-2.2	2	6.9	-2	-1927947	6.1	
20	492.563	1430.7	-1.8	-1.9	1.7	8	-1.7	-1927947	6.1	
20	492.263	1430.8	-3.9	-4.2	1.8	5.9	-1.7	-1931504	6.1	
20	491.963	1430.6	-3.1	-3.2	1.7	6.3	-1.9	-1938658	6.1	
20	491.663	1430.7	-4.8	-4.6	1.8	6	-2	-1949489	7.4	
20	491.363	1430.8	-5	-3.8	2.1	6	-2.3	-1964119	7.5	
20	491.063	1430.7	-3.5	-0.8	2.1	8.2	-2.6	-1980843	8.2	
20	490.763	1430.6	-3.8	-1.3	2.2	8.7	-2.7	-1999762	8.9	
20	490.463	1430.5	-3	-0.5	2	9.7	-2.7	-2024904	9.3	
20	490.163	1430.7	-4.7	-2.1	2.5	8.2	-2.8	-2050686	9.8	
20	489.863	1430.7	-5.4	-3.1	2.4	9.3	-2.9	-2070970	10.4	
20	489.563	1430.9	-4.7	-2.4	2.3	10.1	-2.7	-2087488	11.3	
20	489.263	1431	-5	-2.6	2.1	11.7	-2.6	-2100051	12.4	
20	488.963	1431.3	-4.9	-3.1	1.9	12.6	-2.3	-2110636	13	
20	488.663	1431.6	-4.8	-3.2	1.7	12.1	-1.9	-2112766	13.5	
20	488.363	1431.6	-4.5	-2.7	1.3	12.5	-1.5	-2106389	13.9	
20	488.063	1431.8	-5	-3.6	1.2	11.8	-1.2	-2093751	14.1	
20	487.763	1431.4	-4.4	-3.1	0.6	13	-1	-2075075	14.1	
20	487.463	1431.6	-4.6	-3.3	0.8	14	-0.8	-2046677	14.1	
20	487.163	1432	-3.9	-3.2	0.8	13	-0.5	-2015160	13.3	
20	486.863	1432.4	-3.8	-2.9	1	12.7	-0.3	-1980843	12.9	
20	486.563	1432.6	-3.9	-3.2	1	12.4	-0.2	-1947675	12.3	
20	486.263	1432.8	-3.3	-2.8	1.1	11.9	-0.3	-1915600	11	
20	485.963	1433	-2.4	-1.1	1.7	11.2	-0.5	-1886262	10.1	
20	485.663	1433	-2.4	-1.2	1.7	11.3	-0.6	-1859459	9.3	
20	485.363	1432.9	-1.8	-0.8	1.9	10.9	-0.7	-1836624	8.6	
20	485.063	1432.5	-3.5	-1.9	1.8	8.4	-1.1	-1819071	8	
20	484.763	1432.6	-2.6	0.1	1.8	8.6	-1.3	-1809638	7.4	
20	484.463	1432.4	-2.1	0.7	1.7	8.8	-1.5	-1808075	7	
20	484.163	1432.2	-3.1	-0.2	1.6	8.5	-1.7	-1808075	7.2	
20	483.863	1432.3	-3.5	-1.2	1.7	7.6	-1.9	-1811203	7	
20	483.563	1432.1	-2.6	-0.2	1.5	8	-2.1	-1814342	7.2	
20	483.263	1432	-3.8	-0.3	1.5	6.9	-2.2	-1817492	7.6	
20	482.963	1432	-3.7	-1.1	1.3	7.4	-2.2	-1823825	8	
20	482.663	1432.1	-3.1	-0.9	1.6	9	-2.1	-1831803	8.4	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
20	482.363	1432.1	-3.6	-0.9	1.6	8.5	-2	-1836624	8.7	
20	482.063	1432.1	-4	-2.1	1.6	8.2	-1.9	-1843091	9.1	
20	481.763	1432.1	-4.8	-2.9	1.6	8.2	-1.7	-1856162	9.8	
20	481.463	1432.3	-4.9	-3.1	1.5	8.8	-1.5	-1874441	10	
20	481.163	1432.4	-4.3	-2.3	1.7	8.7	-1.4	-1901681	10.1	
20	480.863	1432.4	-3.8	-1.7	1.6	9.9	-1.3	-1938658	10.2	
20	480.563	1432.8	-4.4	-1.7	1.7	9.3	-1.1	-1982719	10.2	
20	480.263	1432.6	-3.8	-2	1.5	9.5	-1.1	-2030796	10.4	
20	479.963	1432.3	-4.1	-2.3	1.4	9.6	-1.2	-2089572	10.7	
20	479.663	1432.3	-4.1	-0.2	1.5	10.1	-1.2	-2158506	10.7	
20	479.363	1432.2	-3.3	-0.2	1.7	11.3	-1.2	-2229766	10.7	
20	479.063	1432.3	-3.9	0.9	1.6	10.3	-1.2	-2303356	10.1	
20	478.763	1432.2	-3.2	1.8	1.8	9.8	-1.4	-2371178	9.8	
20	478.463	1432.3	-3.1	0.4	2.1	9.9	-1.6	-2423322	9.7	
20	478.163	1432.4	-3.2	0.6	2.1	10	-1.7	-2451699	9.5	
20	477.863	1432.3	-2.7	0.3	2.2	10.2	-1.9	-2460341	9.3	
20	477.563	1432.1	-2.4	2.3	2.3	10.4	-2.1	-2451699	9	
20	477.263	1431.8	-3	2.4	2.1	9.3	-2.3	-2428945	8.9	
20	476.963	1431.4	-2.9	1.8	1.8	9.3	-2.5	-2390126	9	
20	476.663	1431.4	-3.2	1.8	1.5	8.9	-2.5	-2344626	8.8	
20	476.363	1431.2	-2	2.9	1.3	9.4	-2.5	-2295779	8.7	
20	476.063	1431.2	-2.8	2	1	8.8	-2.4	-2246514	8.9	
20	475.763	1431.2	-2.9	1.6	0.8	8.8	-2.3	-2201631	9.1	
20	475.463	1431.3	-3.4	1.6	0.7	8.6	-2.2	-2160733	9.8	
20	475.163	1431.4	-3.4	1	0.8	9.2	-2.1	-2123479	10	
20	474.863	1431.6	-2.6	2	1	10.2	-2	-2095847	10.3	
20	474.563	1432.1	-3.1	0.8	1.3	9.9	-1.7	-2075075	10.5	
20	474.263	1432.4	-2.7	1.1	1.6	10.7	-1.7	-2060778	10.5	
20	473.963	1432.6	-2.1	1.8	1.9	10.5	-1.6	-2054711	10.5	
20	473.663	1432.9	-2.3	1	2.4	11.2	-1.7	-2058752	10.7	
20	473.363	1433.1	-2	0.4	2.7	11	-1.7	-2073021	10.6	
20	473.063	1433.2	-1.6	0.8	2.9	12	-1.6	-2093751	10.8	
20	472.763	1433.3	-2.7	-0.9	2.9	11	-1.5	-2117038	10.6	
20	472.463	1433.4	-1.9	1.6	2.8	10.3	-1.4	-2143041	10.1	
20	472.163	1433.5	-2	0.6	2.5	9.6	-1.3	-2167444	9.7	
20	471.863	1433.6	-2.6	-0.5	2.2	8.6	-1.1	-2187827	9.5	
20	471.563	1433.4	-2.1	1	1.6	8.8	-0.9	-2201631	9.5	
20	471.263	1433.2	-2.7	0.8	1	8.2	-0.7	-2208598	9.5	
20	470.963	1433	-2	0.6	0.5	8.6	-0.5	-2213267	9.4	
20	470.663	1432.5	-2.2	1.6	-0.1	8.8	-0.3	-2213267	9.9	
20	470.363	1432.3	-2.7	1	-0.3	8.9	-0.2	-2210930	10.1	
20	470.063	1432.5	-1.5	1.6	-0.3	10.3	0.1	-2210930	10.2	
20	469.763	1432.5	-0.8	2.8	-0.5	11.4	0.3	-2213267	10.1	
20	469.463	1432.6	-0.6	3.4	-0.4	11.1	0.4	-2213267	9.9	
20	469.163	1432.8	-0.6	4.2	-0.1	10.6	0.4	-2210930	9.8	
20	468.863	1433	-0.6	4.3	0.3	10.9	0.3	-2206270	9.5	
20	468.563	1432.8	-0.4	3.9	0.7	10.5	0	-2206270	9.3	
20	468.263	1432.5	-0.5	3.3	1.2	10.7	-0.5	-2208598	9	
20	467.963	1432.2	-0.2	4.2	1.5	10.8	-0.9	-2213267	8.6	
20	467.663	1432	-1.3	2.5	1.7	9.2	-1.3	-2225027	8.7	
20	467.363	1431.9	-2.1	2	1.9	8.6	-1.6	-2244106	8.7	
20	467.063	1431.7	-1	3.1	1.9	8.8	-1.9	-2275816	8.1	
20	466.763	1431.7	-0.8	2.5	1.8	9.3	-2	-2318661	8.2	
20	466.463	1431.6	-1.2	2.7	1.7	8.5	-2.1	-2368496	8	
20	466.163	1431.2	-1.3	1.9	1.5	8.9	-2.3	-2423322	8.2	
20	465.863	1431	-2.1	1	1.4	8.7	-2.4	-2474882	8.7	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
20	465.563	1431	-2.1	1.1	1.5	8.6	-2.4	-2525634	8.7	
20	465.263	1430.7	-2.1	0.6	1.3	9.4	-2.4	-2575339	8.8	
20	464.963	1430.7	-3.1	-0.7	1.4	8.7	-2.4	-2623747	8.9	
20	464.663	1430.8	-2.7	0.3	1.5	9	-2.3	-2667198	9	
20	464.363	1430.9	-3.2	-0.3	1.7	8.4	-2.2	-2701613	9	
20	464.063	1431	-2.8	0.4	1.8	9.2	-2	-2733356	9.1	
20	463.763	1431.3	-3.5	-1.5	2.1	8.7	-1.7	-2758564	9.4	
20	463.463	1431.5	-3.6	-0.8	2	9.3	-1.4	-2780545	9.6	
20	463.163	1431.6	-3.8	-0.9	2	9.3	-1.2	-2791667	10.2	
20	462.863	1431.6	-4.1	-0.7	2	9.3	-1.1	-2795394	10.4	
20	462.563	1431.6	-3.7	-0.3	1.6	11	-0.9	-2787950	10.8	
20	462.263	1431.5	-4.3	-1.7	1.4	9.9	-0.9	-2773179	10.9	
20	461.963	1431.2	-4.3	-1.2	1.2	10.7	-1	-2751315	11.1	
20	461.663	1430.9	-4.5	-1.8	0.8	10.6	-1.1	-2729792	11.1	
20	461.363	1430.6	-4.2	-2.1	0.5	11.2	-1.2	-2708603	11.3	
20	461.063	1430.7	-4.4	-2.1	0.5	10.8	-1.2	-2694660	10.9	
20	460.763	1430.6	-3.6	-1.6	0.6	11	-1.3	-2680858	10.5	
20	460.463	1430.7	-3.9	-2.3	0.7	11.5	-1.2	-2663805	10.6	
20	460.163	1431.1	-4.8	-2.1	0.9	9.9	-1.1	-2646966	10.5	
20	459.863	1431.3	-3.8	-1.9	1.1	10.7	-1.1	-2627039	10.2	
20	459.563	1431.2	-4.5	-2.5	0.9	9.8	-1.2	-2600932	10.1	
20	459.263	1431.4	-5.1	-2.5	1.1	8.9	-1.3	-2572175	10.1	
20	458.963	1431.3	-4.7	-2.6	0.9	9.4	-1.4	-2537879	10.3	
20	458.663	1431.3	-4.9	-2.2	0.7	9	-1.4	-2504486	10.2	
20	458.363	1431.1	-4.3	-2.3	0.5	9.4	-1.5	-2471960	10.1	
20	458.063	1430.9	-5.5	-3.3	0.3	9.3	-1.5	-2448831	11	
20	457.763	1431	-4.7	-2	0.1	10.3	-1.4	-2434594	10.9	
20	457.463	1431.1	-4.2	-2.7	0	10.2	-1.3	-2423322	10.8	
20	457.163	1431.8	-4.1	-3.3	0.8	10.2	-1	-2420521	10.6	
20	456.863	1432.3	-3.3	-2.7	1.2	11.3	-0.8	-2426130	10.1	
20	456.563	1432.9	-3.3	-2.7	2	10.9	-0.6	-2428945	9.9	
20	456.263	1433.4	-3.1	-2.5	2.5	11.5	-0.5	-2434594	9.4	
20	455.963	1433.5	-3.6	-3.2	2.9	10.2	-0.6	-2445970	9.5	
20	455.663	1433.6	-3.7	-3.2	3.2	10.3	-0.6	-2457454	9.3	
20	455.363	1433.6	-3.3	-3.1	3.3	10.1	-0.6	-2469045	9.2	
20	455.063	1433.4	-3.4	-2.1	3.2	9	-0.6	-2480747	8.7	
20	454.763	1432.8	-2.9	-0.8	2.5	9.3	-0.7	-2489596	8.5	
20	454.463	1432.3	-3.9	-2.9	2	7.2	-0.7	-2495531	8.2	
20	454.163	1431.8	-3.9	-3.1	1.3	6.7	-0.8	-2498509	8.2	
20	453.863	1431.5	-5.4	-4.2	0.9	5.7	-0.9	-2498509	9	
20	453.563	1431.3	-4.2	-2.9	0.6	7.2	-1.1	-2489596	8.8	
20	453.263	1431	-3.9	-1.8	0.4	7.6	-1.4	-2474882	9.1	
20	452.963	1430.8	-3.6	-1.5	0.2	8.2	-1.5	-2460341	9.2	
20	452.663	1430.5	-3.2	-1.1	0	9.2	-1.7	-2448831	9.6	
20	452.363	1430.1	-3.3	-0.2	-0.2	9.3	-1.8	-2434594	9.9	
20	452.063	1429.7	-2.5	0.2	-0.4	10.6	-1.9	-2426130	9.9	
20	451.763	1429.6	-1.5	1.7	-0.6	11.2	-1.7	-2423322	9.4	
20	451.463	1429.5	-1.1	1.7	-0.8	12.3	-1.5	-2423322	9.1	
20	451.163	1430	-1.5	2	-0.6	11.4	-1.1	-2426130	8.8	
20	450.863	1430.4	-1	2.6	-0.3	10.6	-0.9	-2428945	8.3	
20	450.563	1430.7	-2	1.8	0	9.6	-0.8	-2434594	8.4	
20	450.263	1431	-2.1	2	0.2	9.2	-0.7	-2431766	8.4	
20	449.963	1431.4	-2.4	1.3	0.8	8.8	-0.5	-2423322	8.3	
20	449.663	1431.7	-2.5	1.8	1.2	8.6	-0.5	-2414937	8.3	
20	449.363	1432	-2.7	1.6	1.4	7.8	-0.5	-2409379	8.3	
20	449.063	1432.1	-3.2	1.3	1.8	7.4	-0.7	-2406610	8.8	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
20	448.763	1432.2	-3.9	0.3	1.8	7.3	-0.8	-2406610	9.1	
20	448.463	1432.2	-2.8	1.6	1.9	8.5	-1.1	-2403847	9.4	
20	448.163	1432.2	-2.7	0.9	2	9.3	-1.3	-2401090	9.8	
20	447.863	1432.4	-2.6	1.3	2.2	9.9	-1.4	-2395596	10	
20	447.563	1432.2	-2.4	2.4	2.1	10.4	-1.7	-2387401	10.3	
20	447.263	1432.4	-3.1	0.7	2.2	10.1	-1.7	-2373867	10.7	
20	446.963	1432.6	-2.8	1.7	2.2	10.5	-1.7	-2347254	10.5	
20	446.663	1432.5	-2.4	2.7	2.3	11	-1.9	-2313537	10.3	
20	446.363	1432.5	-2.7	2	2.3	10.9	-1.9	-2275816	10.1	
20	446.063	1432.5	-2.7	2.2	2.4	10.1	-1.9	-2239306	9.8	
20	445.763	1432.3	-2.4	1.9	2.4	10.2	-2	-2206270	9.6	
20	445.463	1432.3	-2.8	2.7	2.3	9.9	-2	-2174196	9.4	
20	445.163	1432.2	-2.6	2.1	2.3	9.4	-2	-2143041	9.1	
20	444.863	1432.1	-2.5	1.7	2.3	9.8	-2.1	-2112766	9.1	
20	444.563	1432.1	-2.9	1.2	2.1	9.1	-2.1	-2087488	9.2	
20	444.263	1432.1	-2.9	0.4	2.1	8.8	-2.1	-2066881	9.3	
20	443.963	1432.1	-3.1	0.2	2.1	9.2	-2	-2052697	9.7	
20	443.663	1431.9	-3.2	-0.1	1.9	9.3	-2	-2042684	9.8	
20	443.363	1431.6	-3.3	0.3	1.7	9.5	-1.9	-2038706	10.4	
20	443.063	1431.6	-3.9	-0.2	1.4	9.6	-1.7	-2044678	10.7	
20	442.763	1431.5	-3.3	0	1.2	10.2	-1.5	-2058752	11	
20	442.463	1431.4	-3.3	0.1	1.2	10.4	-1.4	-2079196	11.2	
20	442.163	1431.6	-2.8	0.1	1.1	11.2	-1.2	-2104272	11.1	
20	441.863	1431.6	-2.4	1.5	1	11.2	-1.1	-2134302	11.1	
20	441.563	1431.5	-2.5	1.4	0.9	11.2	-1.1	-2160733	11.2	
20	441.263	1431.5	-2.7	2.7	0.9	11	-1.1	-2183265	11.1	
20	440.963	1431.3	-2.3	1.9	0.9	11.7	-1.1	-2197010	11.2	
20	440.663	1431.4	-2.8	1.1	1	11.7	-1.1	-2206270	10.7	
20	440.363	1431.3	-2.3	1.3	1.1	11.2	-1.3	-2208598	10.5	
20	440.063	1431.1	-2.5	0.7	1	10.9	-1.4	-2208598	10.4	
20	439.763	1431.3	-2.8	0.5	0.9	10.2	-1.4	-2201631	10	
20	439.463	1431.3	-2	0.5	0.9	10	-1.4	-2197010	9.7	
20	439.163	1431.4	-2	-0.5	1	10	-1.4	-2192409	9.4	
20	438.863	1431.4	-2	-0.9	0.9	9.6	-1.4	-2192409	9.2	
20	438.563	1431.3	-2.3	-0.8	1	9.2	-1.5	-2194707	9.4	
20	438.263	1431.4	-3.7	-2.7	1.1	8.8	-1.6	-2203948	9.3	
20	437.963	1431.4	-2.6	-0.6	1.4	9.8	-1.7	-2217956	9.3	
20	437.663	1431.6	-2.6	-0.5	1.7	10.2	-1.7	-2232144	9.3	
20	437.363	1431.9	-3.2	-0.8	2.1	9.3	-1.8	-2248927	9.1	
20	437.063	1432	-2.3	0.2	2.6	9.2	-2	-2263514	9.1	
20	436.763	1432.1	-2.7	0	3.1	9	-2.1	-2278292	9	
20	436.463	1432.3	-2.2	1	3.6	9	-2.1	-2293265	8.6	
20	436.163	1432.2	-1.9	2	3.7	9	-2	-2305893	8.5	
20	435.863	1432.3	-3.5	-0.7	3.6	8	-2	-2316096	8.6	
20	435.563	1432.2	-3.8	-1.1	3.5	6.9	-2	-2326390	9.1	
20	435.263	1432.2	-4.5	-1.9	3.2	6.9	-2	-2342003	10.1	
20	434.963	1431.9	-3.9	-1.5	2.7	7.6	-2	-2357827	10.3	
20	434.663	1431.4	-2.9	0.2	2	8.9	-1.9	-2379262	10.8	
20	434.363	1430.7	-3.5	-0.7	1	9.2	-1.7	-2401090	11.4	
20	434.063	1430.1	-3.2	-0.8	-0.1	9	-1.5	-2420521	11.6	
20	433.763	1429.8	-2.5	0.2	-0.4	9.9	-1.4	-2437428	11.9	
20	433.463	1429.9	-2	0.7	-0.7	11.1	-1.3	-2448831	11.7	
20	433.163	1430.1	-0.6	1.8	-0.8	12.6	-1.1	-2454573	11.3	
20	432.863	1430.5	0	2.8	-0.7	13.2	-0.8	-2454573	10.7	
20	432.563	1430.6	0.7	3.3	-0.8	12.8	-0.7	-2448831	9.8	
20	432.263	1430.6	0.4	2.9	-0.7	11.4	-0.6	-2440269	9.3	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
20	431.963	1430.8	0.2	3.1	-0.3	11.3	-0.5	-2431766	8.7	
20	431.663	1431.1	0.9	3.8	0.2	10.6	-0.5	-2423322	7.8	
20	431.363	1431.1	1	4.1	0.4	10.2	-0.5	-2423322	7.4	
20	431.063	1431.4	0.7	3.9	0.7	8.9	-0.5	-2428945	6.7	
20	430.763	1431.7	0	3.3	1	7.2	-0.5	-2437428	6.4	
20	430.463	1431.8	-0.5	3.4	1	7.1	-0.7	-2448831	6.7	
20	430.163	1432.3	-0.7	2.6	1.5	6.8	-0.7	-2466137	7	
20	429.863	1432.3	-0.6	2.7	1.8	7.8	-0.8	-2483690	7.7	
20	429.563	1432.6	-1.3	1.5	1.8	8	-0.7	-2486640	8.3	
20	429.263	1432.6	-0.6	1.8	1.7	8.5	-0.7	-2477811	8.5	
20	428.963	1432.6	-1	1.5	1.8	8.5	-0.7	-2454573	9	
20	428.663	1432.6	-0.9	1.8	1.7	9.3	-0.7	-2423322	9.2	
20	428.363	1432.4	-1	1.3	1.5	9.6	-0.7	-2390126	9.6	
20	428.063	1432.4	-1.7	1.1	1.6	9.8	-0.7	-2357827	10.1	
20	427.763	1432.3	-1.8	0.5	1.2	9.9	-0.8	-2323808	10.2	
20	427.463	1432.1	-1.8	0.7	1.2	9.9	-1	-2290756	10.5	
20	427.163	1432.1	-2.1	0.7	1.2	10.4	-1.1	-2268419	10.5	
20	426.863	1432.1	-2	0	1.1	10.4	-1.1	-2258631	10.4	
20	426.563	1431.8	-2	0	1.1	10.2	-1.3	-2256197	10.4	
20	426.263	1431.7	-2.7	-0.7	1	9.4	-1.4	-2261070	10.1	
20	425.963	1431.5	-2	0.3	0.9	9.7	-1.5	-2265964	9.9	
20	425.663	1431.2	-2.3	1.4	0.8	9.3	-1.6	-2273345	9.7	
20	425.363	1431.4	-2.3	0.3	0.9	9.3	-1.4	-2288252	9.3	
20	425.063	1431.4	-1.8	0.8	1	9.5	-1.4	-2310983	9.1	
20	424.763	1431.4	-2.7	0.5	1	9.2	-1.3	-2336775	9.3	
20	424.463	1431.5	-3.4	-1.1	0.9	8	-1.3	-2357827	9	
20	424.163	1431.5	-2.6	0.1	1.2	8.4	-1.4	-2373867	9	
20	423.863	1431.7	-3.1	-0.9	1.2	8.3	-1.4	-2379262	9	
20	423.563	1431.8	-2.5	-0.6	1.4	8.5	-1.6	-2381969	8.9	
20	423.263	1431.6	-2	1.5	1.5	9.5	-1.7	-2381969	9.2	
20	422.963	1431.6	-2.8	1	1.4	8.8	-1.7	-2371178	9.4	
20	422.663	1431.5	-2.5	2	1.3	9.2	-1.7	-2347254	9.9	
20	422.363	1431.4	-3.1	0.8	1.3	9.7	-1.7	-2316096	10.4	
20	422.063	1431.7	-2.8	0.1	1.7	10.1	-1.5	-2280774	10.5	
20	421.763	1431.7	-1.9	1.6	1.8	10.7	-1.4	-2246514	10.5	
20	421.463	1432.1	-2.1	1.1	1.9	10.6	-1.1	-2213267	10.5	
20	421.163	1432.4	-2.2	0.3	2.2	10	-0.9	-2185544	10.6	
20	420.863	1432.4	-2.3	-0.3	2.4	10	-0.8	-2158506	10.7	
20	420.563	1432.4	-2.1	-1.5	2.4	10.6	-0.7	-2132129	10.7	
20	420.263	1432.3	-1.8	-1.8	2.5	11	-0.7	-2110636	10.7	
20	419.963	1432.2	-2	-2.7	2.6	10.3	-0.8	-2089572	10.4	
20	419.663	1431.6	-1.4	-1.8	2.3	10.3	-1.3	-2075075	10.3	
20	419.363	1431.1	-1.6	-1.8	2	9.6	-1.7	-2060778	10	
20	419.063	1430.8	-1.2	-2.1	2	9.7	-2.2	-2046677	9.6	
20	418.763	1430.5	-0.8	-1.8	1.8	10.2	-2.5	-2032768	9.2	
20	418.463	1430.1	-1.2	-1.9	1.8	9.2	-2.7	-2019046	8.5	
20	418.163	1429.9	-1.1	-1.1	1.8	8.9	-2.8	-2005508	8.2	
20	417.863	1429.5	-1.8	-1.3	1.5	8.1	-3	-1992151	8	
20	417.563	1429.5	-0.7	0	1.5	9	-3	-1980843	7.5	
20	417.263	1429.6	0	0.6	1.4	9.7	-2.7	-1973375	7.7	
20	416.963	1429.8	-0.5	0.8	1.4	9	-2.4	-1967811	7.6	
20	416.663	1429.8	-0.5	0.1	1.4	9.6	-2.2	-1964119	8.1	
20	416.363	1429.9	-1.3	-0.3	1.3	9	-1.9	-1967811	8.6	
20	416.063	1429.6	-1.6	-0.7	0.9	9.3	-1.8	-1973375	9	
20	415.763	1429.3	-1.5	-0.5	0.6	10	-1.7	-1980843	9.6	
20	415.463	1429.6	-2	-0.3	0.7	11	-1.4	-1994048	10.1	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
20	415.163	1429.9	-2.4	-0.6	0.6	10.3	-1.1	-2003589	10.5	
20	414.863	1430.2	-2.6	-0.8	0.7	10.2	-1	-2015160	10.8	
20	414.563	1430.4	-2.3	-0.2	0.8	10.5	-1.1	-2024904	10.7	
20	414.263	1430.5	-2.7	-0.7	0.6	10.1	-1.1	-2030796	10.6	
20	413.963	1430.6	-2.5	-0.5	0.8	10.6	-1.3	-2036723	10.4	
20	413.663	1430.8	-2.6	0.1	0.8	10.7	-1.3	-2038706	10.2	
20	413.363	1430.9	-2.7	-0.7	1.3	10.1	-1.3	-2040693	9.9	
20	413.063	1431.1	-3.9	-1.6	1.8	8.9	-1.5	-2042684	9.6	
20	412.763	1431.3	-3.7	-1.4	2.1	9.3	-1.7	-2042684	9.6	
20	412.463	1431.5	-4	-2.2	2.5	8.7	-1.9	-2038706	9.6	
20	412.163	1431.7	-3.7	-1	2.8	8.7	-2	-2032768	9.6	
20	411.863	1432.1	-3.9	-0.5	2.9	8.8	-1.9	-2020995	9.5	
20	411.563	1432.3	-4	-1.4	3.1	8.9	-1.9	-2007431	9.6	
20	411.263	1433.1	-4.5	-1.4	3.5	8.8	-1.7	-1988367	9.8	
20	410.963	1432.6	-4.3	-1.8	3	8.8	-1.7	-1965963	9.9	
20	410.663	1432.1	-4.4	-2.4	2.5	9.4	-1.7	-1942255	10.2	
20	410.363	1431.8	-4.4	-1.6	2	9.6	-1.7	-1915600	10.1	
20	410.063	1431.5	-3.5	-1	1.7	10.2	-1.7	-1887963	10	
20	409.763	1431.5	-3.2	-0.1	1.4	10.4	-1.5	-1859459	10	
20	409.463	1431.6	-3.6	-0.8	1.2	10	-1.4	-1836624	9.9	
20	409.163	1431.6	-4	-2.1	1.1	9.7	-1.4	-1815916	10.1	
20	408.863	1431.7	-4.4	-2.3	0.8	9.8	-1.4	-1798755	10.3	
20	408.563	1431.7	-3.7	-1.5	1	9.9	-1.4	-1781916	10.3	
20	408.263	1431.6	-3.3	-1	1.1	10.6	-1.4	-1765389	10.4	
20	407.963	1431.7	-4.1	-2	1.2	9.8	-1.4	-1749165	10.3	
20	407.663	1431.6	-3.3	-1.5	1.1	9.8	-1.4	-1736112	10.3	
20	407.363	1431.6	-3.4	-1.4	1	9.8	-1.4	-1728944	10.3	
20	407.063	1431.4	-3.4	-2	0.9	9.7	-1.4	-1724671	10.2	
20	406.763	1431.4	-3.1	-1.5	0.9	10.2	-1.3	-1726093	10.1	
20	406.463	1431.6	-3.3	-2.1	0.8	10.1	-1.1	-1734674	9.9	
20	406.163	1431.7	-2.2	-1.4	1.1	10.1	-1.1	-1749165	9.5	
20	405.863	1431.7	-2.6	-1.4	1.3	9.6	-1.1	-1771363	9.7	
20	405.563	1432.1	-2.9	-1.8	1.4	9.9	-0.9	-1800302	9.4	
20	405.263	1432.2	-2	-0.2	1.7	10.6	-0.9	-1830202	9.4	
20	404.963	1432.4	-2.6	-1.9	1.9	10	-0.8	-1861112	9.4	
20	404.663	1432.3	-2.2	-2.2	1.8	10.3	-0.8	-1891374	9.4	
20	404.363	1432.1	-2.4	-1.9	1.9	9.9	-1	-1920872	9.4	
20	404.063	1432	-2.6	-2.1	1.8	9.9	-1.1	-1945865	9.2	
20	403.763	1431.8	-1.9	-0.6	1.7	10.1	-1.3	-1967811	9.1	
20	403.463	1431.5	-1.7	-0.1	1.6	10.5	-1.5	-1982719	9.1	
20	403.163	1431.4	-2.6	-1.1	1.5	10	-1.6	-1992151	9.2	
20	402.863	1431.3	-3	-1	1.4	9.5	-1.7	-1999762	9.4	
20	402.563	1431.1	-2.9	-0.5	1.4	10.1	-1.9	-2005508	9.5	
20	402.263	1431.1	-2.8	-0.2	1.5	10.8	-2	-2013222	9.5	
20	401.963	1431	-2.6	-0.3	1.6	11	-2.1	-2019046	9.5	
20	401.663	1431	-3.3	-0.6	1.8	11	-2.1	-2022948	9.6	
20	401.363	1431	-3.6	-1.1	1.9	9.8	-2.1	-2028828	9.5	
20	401.063	1431	-3.5	-0.9	2.1	9.3	-2.1	-2034743	9.4	
20	400.763	1431	-4	-1.3	2.2	9.7	-2.1	-2040693	9.3	
20	400.463	1431	-4.2	-0.3	2.5	9	-2.2	-2050686	9	
20	400.163	1430.8	-4.3	-0.6	2.5	8.9	-2.3	-2058752	9.1	
20	399.863	1430.8	-6	-2	2.5	7.2	-2.5	-2064843	9.3	
20	399.563	1430.8	-5.7	-2	2.7	7.1	-2.7	-2064843	9.5	
20	399.263	1430.6	-6.7	-2.8	2.6	6.6	-3	-2056730	9.9	
20	398.963	1430.7	-5.8	-1.8	2.9	7.6	-3.3	-2042684	10.1	
20	398.663	1430.5	-5.1	-0.6	2.9	8.5	-3.6	-2024904	10.4	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
20	398.363	1430.3	-6.2	-1.9	2.8	8.7	-3.8	-2005508	11.5	
20	398.063	1430.2	-5.5	-1.1	2.7	9.6	-3.9	-1984598	11.9	
20	397.763	1430.1	-5.2	-0.8	2.7	10.7	-3.9	-1964119	12.5	
20	397.463	1430.4	-5	-1.5	2.5	12	-3.5	-1945865	12.8	
20	397.163	1430.6	-4	-0.8	2.2	12.8	-3	-1927947	12.4	
20	396.863	1430.9	-3.4	0.2	1.9	13.6	-2.3	-1912101	12.3	
20	396.563	1431.2	-3.1	0.9	1.5	13	-1.6	-1898233	11.5	
20	396.263	1431.5	-2.8	1.6	1.2	11.7	-0.9	-1881178	10.9	
20	395.963	1431.5	-2.8	0.9	0.8	12.3	-0.3	-1866088	10.5	
20	395.663	1431.8	-2.1	1.2	0.7	11.5	0.2	-1851239	9.4	
20	395.363	1431.8	-2.4	1.7	0.5	10.2	0.5	-1833407	8.7	
20	395.063	1432	-2.5	0.8	0.3	9.8	0.8	-1815916	8.3	
20	394.763	1432	-3	0.4	0.2	8	0.8	-1797211	7.8	
20	394.463	1432.1	-2.8	0.6	0.4	7.7	0.6	-1778888	7.8	
20	394.163	1431.9	-3.3	-0.2	0.4	7.4	0.3	-1765389	7.6	
20	393.863	1431.9	-2.1	1.2	0.6	8.3	-0.1	-1752093	7.5	
20	393.563	1431.7	-2.9	-0.7	0.8	8.2	-0.5	-1741889	8.2	
20	393.263	1431.6	-2.9	-0.3	0.9	8.5	-0.8	-1737553	8.5	
20	392.963	1431.5	-2.5	0.4	1	8.9	-1.1	-1736112	8.6	
20	392.663	1431.4	-2.9	-0.9	1.2	8.9	-1.4	-1740441	9	
20	392.363	1431.5	-2.5	0.1	1.4	9.9	-1.5	-1749165	9.1	
20	392.063	1431.3	-1.9	0.3	1.3	10.3	-1.7	-1765389	9.3	
20	391.763	1431.3	-3.1	-0.7	1.5	9.7	-1.7	-1784954	9.7	
20	391.463	1431.3	-3	-0.4	1.4	9.6	-1.6	-1804958	9.9	
20	391.163	1431.3	-3	-1.1	1.2	10.3	-1.4	-1827008	10.4	
20	390.863	1431.2	-3.6	-1.9	1.2	9.8	-1.4	-1849603	10.7	
20	390.563	1431.4	-3.2	-0.6	1.2	10.3	-1.2	-1872765	10.6	
20	390.263	1431.3	-3	0	1.2	10.9	-1.3	-1896514	10.7	
20	389.963	1431.3	-3.6	-0.7	1.1	10.4	-1.4	-1917354	11	
20	389.663	1431.3	-3	-0.2	1.3	9.8	-1.5	-1936865	10.7	
20	389.363	1431	-2.8	-0.2	1.5	10.5	-1.8	-1958607	10.7	
20	389.063	1431	-3.3	0	1.7	10.5	-2.1	-1982719	10.7	
20	388.763	1431.2	-2.8	0.8	2.1	10.4	-2.3	-2011288	10.7	
20	388.463	1431.2	-2.5	1	2.4	11.5	-2.4	-2044678	10.9	
20	388.163	1431.4	-3.2	0.8	2.5	10.4	-2.5	-2081263	10.9	
20	387.863	1431.4	-3.4	0.8	2.7	10.4	-2.5	-2121328	11.3	
20	387.563	1431.7	-3.4	0.9	2.7	10.6	-2.4	-2162966	11.1	
20	387.263	1431.6	-2.3	3.7	2.6	10.5	-2.4	-2199318	10.7	
20	386.963	1431.3	-2.1	3.6	2.4	10.6	-2.3	-2229766	10.8	
20	386.663	1431.5	-3.2	3.5	2.3	9.6	-2.1	-2239306	10.3	
20	386.363	1431.4	-1.9	3.9	2.1	10.4	-2.1	-2232144	10.1	
20	386.063	1431.3	-2.5	2.6	1.9	9.5	-2	-2208598	9.9	
20	385.763	1431.3	-2.1	4.1	1.8	9.8	-2	-2176456	9.5	
20	385.463	1431.2	-2	3.5	1.6	9.9	-2	-2134302	9.4	
20	385.163	1431.4	-2.2	3	1.5	8.6	-2	-2087488	8.8	
20	384.863	1431.4	-1.1	3.9	1.5	8.9	-2	-2036723	8.2	
20	384.563	1431.4	-1	3	1.7	8.9	-2	-1992151	8	
20	384.263	1431.6	-1.6	1.8	1.5	9.4	-1.9	-1954949	7.9	
20	383.963	1431.5	-1.6	1.5	1.5	8.8	-2	-1926174	8	
20	383.663	1431.5	-1.7	1.1	1.5	9.1	-2	-1905142	8.3	
20	383.363	1431.7	-1.5	1.3	1.4	8.8	-1.8	-1896514	8.3	
20	383.063	1431.8	-1.5	0.6	1.5	9.4	-1.7	-1899955	8.3	
20	382.763	1432.1	-0.6	1.8	1.2	10	-1.4	-1915600	7.7	
20	382.463	1432.2	-1.2	1.3	1.3	8.8	-1.3	-1944058	7.8	
20	382.163	1432.2	-1.6	1.4	1	8.7	-0.9	-1980843	8.2	
20	381.863	1432.4	-3	-0.2	0.9	7.5	-0.8	-2024904	8.3	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
20	381.563	1432.5	-2.9	0.4	1	8.4	-0.8	-2070970	9.3	
20	381.263	1432.8	-2.5	-0.4	1.1	9.3	-0.7	-2112766	9.9	
20	380.963	1432.9	-2	0.9	1.2	9.9	-0.7	-2145236	10.4	
20	380.663	1432.9	-3.1	-0.2	1.2	10.4	-0.7	-2167444	11.8	
20	380.363	1433.2	-3.5	-1	1.5	10	-0.8	-2169690	12.6	
20	380.063	1433.1	-3.2	-0.3	1.7	11.6	-1.1	-2160733	13.3	
20	379.763	1432.8	-3.1	-0.6	1.8	12.3	-1.4	-2138663	13.8	
20	379.463	1433	-2.8	-0.9	2	13.2	-1.5	-2110636	14	
20	379.163	1433.1	-2.4	0.7	2.4	14.6	-1.7	-2085409	13.9	
20	378.863	1433.3	-2	1	2.7	13.7	-1.8	-2068924	13.5	
20	378.563	1433.2	-1.5	1.5	2.7	13.4	-1.9	-2060778	13	
20	378.263	1433.1	-1.8	1.8	2.7	13	-2	-2056730	12.5	
20	377.963	1433	-1.2	2	2.5	12.8	-2	-2058752	11.4	
20	377.663	1432.8	-1.8	1.2	2.4	11.8	-2	-2062809	11.2	
20	377.363	1432.6	-1.6	2	2.4	11.3	-1.9	-2070970	10.7	
20	377.063	1432.5	-1	2	1.9	10.9	-1.7	-2083334	10	
20	376.763	1432.2	-3.3	-0.5	1.8	7.9	-1.9	-2095847	9.7	
20	376.463	1432	-1.9	1.4	1.5	8.9	-1.9	-2108510	9.5	
20	376.163	1431.8	-1.7	1.1	1.4	8.6	-1.9	-2121328	9.4	
20	375.863	1431.8	-1.6	0.9	1.2	9.3	-1.7	-2134302	9.5	
20	375.563	1431.8	-1.6	1.6	1.2	8.6	-1.7	-2147437	9.2	
20	375.263	1431.7	-1.5	1.9	1.3	8.9	-1.7	-2160733	9.2	
20	374.963	1431.5	-1.3	2.1	1.1	9.2	-1.7	-2174196	9.2	
20	374.663	1431.6	-1	1.3	1	9	-1.5	-2185544	8.9	
20	374.363	1431.5	-0.5	1.6	1	10.7	-1.4	-2197010	8.9	
20	374.063	1431.5	-0.6	2.6	0.9	9.5	-1.3	-2206270	8.3	
20	373.763	1431.3	-0.3	1.6	0.7	9.2	-1.3	-2217956	8.2	
20	373.463	1431.4	-1	1.5	0.5	8.4	-1	-2232144	8.4	
20	373.163	1431.6	-0.9	1.2	0.4	8.7	-0.6	-2241703	8.3	
20	372.863	1431.5	-0.5	1.5	0.1	9	-0.2	-2248927	8.4	
20	372.563	1431.7	-1	1.2	-0.1	8.7	0.2	-2248927	8.4	
20	372.263	1431.7	-1.1	0	-0.3	7.9	0.5	-2244106	8.5	
20	371.963	1431.6	-1.3	-0.3	-0.5	8.1	0.6	-2227394	8.7	
20	371.663	1431.8	-1.6	0	-0.3	7.9	0.6	-2206270	8.7	
20	371.363	1432	-0.9	0.7	0.1	8.6	0.4	-2183265	8.6	
20	371.063	1431.9	-0.3	1.4	0.2	9.2	0.1	-2156283	8.7	
20	370.763	1431.8	-1	0.5	0.6	9.3	-0.4	-2132129	8.7	
20	370.463	1431.6	-0.8	0.7	1.1	9.2	-1.1	-2108510	8.7	
20	370.163	1431.8	-1.2	-0.6	1.9	8.6	-1.7	-2091659	8.6	
20	369.863	1431.5	0	1.2	2.2	9.8	-2.4	-2085409	8.7	
20	369.563	1431.5	-0.9	0.7	2.6	8.8	-2.8	-2085409	8.8	
20	369.263	1431.5	-1	2	2.6	9	-3	-2093751	9.1	
20	368.963	1431.7	-1.5	1.4	2.5	8.7	-2.9	-2106389	9.6	
20	368.663	1431.8	-0.5	2	2.3	9.4	-2.7	-2123479	9.7	
20	368.363	1431.6	-2.3	-0.3	2	9	-2.6	-2143041	11.2	
20	368.063	1431.6	-2	1.1	1.9	9.5	-2.4	-2162966	11.7	
20	367.763	1431.5	-1.4	2.1	1.8	11.2	-2.3	-2178721	12.1	
20	367.463	1431.8	-1	2.2	1.8	11.2	-2	-2192409	12.3	
20	367.163	1431.8	-0.4	2.7	1.8	12.2	-1.8	-2197010	12.2	
20	366.863	1432	-0.3	2.5	2	12.8	-1.7	-2190116	12.1	
20	366.563	1432.3	-0.2	2.2	2	13.2	-1.5	-2187827	12	
20	366.263	1432.4	0	2	2.3	12.6	-1.5	-2185544	11.8	
20	365.963	1432.6	0.8	2.3	2.5	14.3	-1.4	-2183265	10.9	
20	365.663	1432.5	1.2	3	2.6	13.8	-1.4	-2178721	10	
20	365.363	1432.3	0.3	1.5	2.6	12.8	-1.4	-2178721	9.9	
20	365.063	1432.4	0.1	1.9	2.6	11.6	-1.4	-2185544	9.1	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
20	364.763	1432.1	0.1	1.7	2.5	10.9	-1.5	-2203948	8.6	
20	364.463	1432	-1	0	2.4	9.6	-1.5	-2225027	8.4	
20	364.163	1431.9	-1.2	2.1	2.2	9	-1.5	-2246514	8	
20	363.863	1431.5	-1.1	0.8	1.8	9.4	-1.5	-2263514	8.5	
20	363.563	1431.4	-2.8	-1.1	1.6	8	-1.4	-2275816	9.4	
20	363.263	1431.1	-3.1	-1.5	1.1	8	-1.4	-2273345	10.3	
20	362.963	1430.8	-3.8	-2.2	0.7	8.8	-1.4	-2248927	11.5	
20	362.663	1430.7	-3.7	-2.2	0.5	9.4	-1.4	-2203948	12.1	
20	362.363	1430.4	-3.9	-2.6	0.4	10.6	-1.5	-2140849	13.1	
20	362.063	1430.2	-4	-3	0.3	11.7	-1.6	-2066881	13.7	
20	361.763	1430.1	-4.2	-3.7	0	12.3	-1.7	-1994048	13.9	
20	361.463	1429.9	-3.9	-3.3	0.2	12.2	-1.8	-1927947	14.1	
20	361.163	1429.9	-3.6	-3.3	0.3	13.5	-1.9	-1874441	14	
20	360.863	1430.3	-2.9	-1.9	0.7	14	-1.8	-1833407	12.9	
20	360.563	1430.6	-2.4	-1.5	1.2	13.3	-1.8	-1808075	12	
20	360.263	1430.8	-2.1	-1.6	1.4	12.9	-1.6	-1800302	11.3	
20	359.963	1431	-3	-2	1.5	11.8	-1.4	-1809638	10.4	
20	359.663	1431	-3	-1.9	1.7	11.3	-1.4	-1835014	10	
20	359.363	1431.6	-3.9	-2.6	2.1	8.7	-1.1	-1867753	9.1	
20	359.063	1431.6	-3	-1.4	2	9	-1.1	-1905142	8.3	
20	358.763	1431.7	-3.4	-2.5	2	7.8	-1	-1942255	8.4	
20	358.463	1431.7	-4.8	-4.5	1.8	6.3	-1	-1971517	8.3	
20	358.163	1431.6	-3.6	-2.6	1.6	7.3	-1.1	-1994048	8.2	
20	357.863	1431.2	-3.7	-2.9	1.2	7.1	-1.3	-2007431	8.8	
20	357.563	1431.3	-4.8	-3.6	1.2	6.7	-1.4	-2017101	9.1	
20	357.263	1431.3	-4.6	-4.6	1.5	6.7	-1.7	-2017101	8.9	
20	356.963	1431	-2.8	-1.9	1	9	-2	-2007431	8.9	
20	356.663	1431.4	-3.4	-2.4	1.4	8.2	-2	-1995949	8.7	
20	356.363	1431.5	-2	-0.5	1.4	9.6	-2	-1982719	8.6	
20	356.063	1431.5	-2.7	-2.2	1.4	10	-2	-1973375	8.8	
20	355.763	1431.6	-2.9	-0.6	1.4	8.9	-1.9	-1967811	8.6	
20	355.463	1431.8	-1.8	0.2	1.8	9.6	-1.7	-1967811	8.4	
20	355.163	1431.9	-1.8	-0.4	1.8	10.4	-1.4	-1967811	8.4	
20	354.863	1432.1	-1.8	-0.8	1.7	10.2	-0.9	-1967811	8.2	
20	354.563	1432.4	-1.9	-1.5	2.1	9.4	-0.6	-1971517	8.5	
20	354.263	1432.5	-2.7	-2.4	1.9	9	-0.5	-1973375	8.8	
20	353.963	1432.5	-2.5	-2.3	1.9	8.7	-0.6	-1971517	9.2	
20	353.663	1432.6	-3	-3	2	9.7	-0.8	-1965963	10.1	
20	353.363	1432.6	-2.8	-3.6	2.1	10.2	-1.1	-1954949	10.4	
20	353.063	1432.2	-2.3	-3.5	2	10.4	-1.6	-1944058	10.7	
20	352.763	1431.7	-2.7	-3	1.9	10.6	-2.1	-1933288	11.1	
20	352.463	1431.2	-2.9	-3	1.8	10.9	-2.6	-1927947	11.2	
20	352.163	1430.8	-2.7	-2.8	1.7	11.6	-3	-1929724	11.2	
20	351.863	1430.8	-2.5	-1.5	1.9	12.5	-3.1	-1938658	11	
20	351.563	1430.9	-1.9	-0.7	1.9	12.4	-3	-1954949	10.5	
20	351.263	1431.2	-2.5	-1.4	1.8	11.5	-2.7	-1975237	10.2	
20	350.963	1431.5	-2.3	0.5	1.9	11.2	-2.4	-1999762	9.4	
20	350.663	1431.8	-2.1	1	2	10	-2	-2020995	8.5	
20	350.363	1431.9	-2.6	1.2	2	9.4	-1.6	-2040693	8.2	
20	350.063	1431.9	-3.3	0.4	1.8	8.9	-1.1	-2052697	8	
20	349.763	1431.8	-4.2	-0.3	1.6	7	-0.8	-2056730	8	
20	349.463	1431.6	-5.3	-1.3	1.4	6.3	-0.8	-2056730	8.1	
20	349.163	1431.6	-5	-0.8	1.4	5.4	-0.8	-2048680	7.8	
20	348.863	1431.6	-4.5	-0.6	1.3	6	-0.8	-2038706	7.8	
20	348.563	1431.4	-5.3	-1.7	1.3	5.9	-1.1	-2024904	8.3	
20	348.263	1431.4	-4.9	-2	1.4	6	-1.4	-2011288	8.5	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
20	347.963	1431.3	-4.8	-2.4	1.6	8.1	-1.7	-2001674	9.6	
20	347.663	1431.3	-5.5	-3.4	1.9	8.2	-1.8	-1997854	10	
20	347.363	1431.3	-3.6	-0.6	2.3	10.8	-2	-1995949	10	
20	347.063	1431.1	-4.5	-1.5	2.6	11.2	-2.3	-1999762	10.4	
20	346.763	1431.1	-3.2	0.7	2.6	12.2	-2.3	-2011288	10.3	
20	346.463	1431	-2.9	0.1	2.6	13	-2.2	-2022948	10	
20	346.163	1431	-3.4	0	2.5	12.6	-2	-2034743	9.7	
20	345.863	1431	-2.6	2.2	2.2	12.7	-1.7	-2046677	9.2	
20	345.563	1430.8	-4	-0.4	1.7	11	-1.4	-2054711	9.6	
20	345.263	1430.4	-4.1	-0.4	1.2	11	-1.4	-2056730	9.7	
20	344.963	1430.2	-4.6	0.2	0.8	9.7	-1.4	-2050686	10.4	
20	344.663	1430.1	-5.3	-0.7	0.6	10.1	-1.3	-2028828	10.9	
20	344.363	1429.9	-5.3	-2.5	0.3	9.6	-1.4	-1999762	11.3	
20	344.063	1429.6	-7.2	-3.8	0	8.9	-1.6	-1965963	12.8	
20	343.763	1429.7	-7.4	-5.4	0.3	9.4	-1.8	-1933288	13.6	
20	343.463	1429.6	-7.3	-4.6	0.2	9.1	-2	-1905142	13.8	
20	343.163	1429.7	-6	-3.1	0.6	10.9	-2	-1882870	13.9	
20	342.863	1429.9	-5.4	-3.6	0.9	11.3	-2	-1871091	13.3	
20	342.563	1430.3	-4.2	-2.4	1.2	11.9	-1.7	-1867753	12.6	
20	342.263	1430.5	-4.5	-2.7	1.2	11.3	-1.4	-1876121	12.2	
20	341.963	1431	-4.1	-2.2	1.4	11	-1.1	-1891374	11.5	
20	341.663	1431.4	-3.7	-1	1.8	11.1	-0.8	-1910357	10.9	
20	341.363	1431.5	-2.9	-0.4	1.7	11.5	-0.7	-1927947	10.2	
20	341.063	1431.7	-2.6	0.4	1.9	10.7	-0.6	-1940455	9.4	
20	340.763	1431.5	-2	0.8	1.7	10.2	-0.7	-1947675	9.1	
20	340.463	1431.6	-2.7	-0.4	1.7	9.4	-0.8	-1947675	9	
20	340.163	1431.4	-2.3	0.4	1.5	9	-1	-1938658	8.9	
20	339.863	1431.3	-1.9	1	1.5	9.6	-1.2	-1920872	9	
20	339.563	1431.4	-1.8	0.9	1.4	9.7	-1.4	-1896514	8.9	
20	339.263	1431.3	-0.6	1.9	1.2	10.7	-1.5	-1871091	8.9	
20	338.963	1431.2	-1	0.9	1.3	10.8	-1.6	-1846341	9.1	
20	338.663	1431.3	-0.4	2.1	1.4	11.3	-1.7	-1822238	8.8	
20	338.363	1431.3	-0.3	2	1.5	11.2	-1.7	-1804958	8.8	
20	338.063	1431.5	-0.7	1.4	1.9	11.3	-1.6	-1792595	8.6	
20	337.763	1431.6	-0.5	2.1	2	11	-1.5	-1781916	8.1	
20	337.463	1431.6	-0.5	2.8	2.1	10.6	-1.5	-1772863	7.7	
20	337.163	1431.7	-1.1	3.1	2.3	9.4	-1.5	-1772863	7	
20	336.863	1431.8	-1.1	4.2	2.2	8.5	-1.4	-1784954	6.2	
20	336.563	1431.6	-2.4	2.6	2.1	6.9	-1.4	-1803403	6	
20	336.263	1431.6	-3.2	1.3	2.1	5.9	-1.4	-1830202	5.7	
20	335.963	1431.4	-3.5	1.8	1.9	5.2	-1.4	-1861112	5.5	
20	335.663	1430.9	-4	0.9	1.7	5.1	-1.5	-1899955	5.8	
20	335.363	1430.8	-4.4	0.4	1.6	4.9	-1.6	-1949489	5.9	
20	335.063	1430.7	-4.8	0.7	1.7	4.1	-1.7	-2011288	6	
20	334.763	1430.4	-5.2	-1.6	1.5	3.8	-2	-2077134	6.4	
20	334.463	1430.6	-6.2	-1.7	1.8	3	-2.1	-2140849	6.7	
20	334.163	1430.5	-5.5	-2.3	2.1	4.3	-2.3	-2206270	7.2	
20	333.863	1430.5	-6.3	-3.4	2	5.1	-2.4	-2270879	7.8	
20	333.563	1430.4	-6.1	-2.7	1.9	5.9	-2.4	-2336775	8.4	
20	333.263	1430	-5.8	-3.2	1.6	6.4	-2.4	-2398340	9.1	
20	332.963	1430	-6.2	-2.2	1.4	6.7	-2.3	-2445970	9.4	
20	332.663	1429.9	-5.2	-1.1	1.3	7.6	-2.3	-2471960	9.5	
20	332.363	1430	-4.1	0.5	1.2	8.8	-2.1	-2469045	9.5	
20	332.063	1430	-3.9	1.4	1	10	-2.1	-2443116	9.5	
20	331.763	1429.9	-2.8	2.5	0.7	10.7	-2	-2398340	9.8	
20	331.463	1430.2	-3.9	3.3	0.8	10.3	-2	-2336775	10.1	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
20	331.163	1430.5	-3.6	3.8	0.9	10.7	-2	-2270879	10	
20	330.863	1430.7	-2.2	5.1	1.1	11.7	-2	-2199318	10.1	
20	330.563	1431	-2.5	3.5	1.4	11.7	-2	-2132129	9.9	
20	330.263	1431	-1.8	3.6	1.6	11.9	-2.1	-2068924	9.5	
20	329.963	1431.3	-1.6	2.6	1.9	11.5	-2.1	-2017101	9.5	
20	329.663	1431.6	-2.5	2	2.2	10.6	-2.2	-1973375	9.5	
20	329.363	1431.9	-1.8	2.3	2.7	11.3	-2.3	-1938658	9.5	
20	329.063	1432.2	-1.9	1.8	2.8	11.5	-2.3	-1910357	9.5	
20	328.763	1432.8	-2.4	0.5	3.1	10.1	-2.3	-1887963	9.3	
20	328.463	1433.2	-1.7	0.9	3.4	10.4	-2.2	-1871091	9.1	
20	328.163	1433.2	-2.3	-0.3	3.4	10	-2.2	-1856162	8.9	
20	327.863	1433.1	-3.1	-0.4	3.4	9.1	-2.4	-1844715	8.7	
20	327.563	1433	-3	-0.7	3.3	8.6	-2.4	-1835014	8.9	
20	327.263	1433.2	-3.2	-1.3	3.1	8.6	-2	-1830202	9.1	
20	326.963	1433.2	-4.4	-2.6	2.8	8.2	-1.5	-1830202	10.3	
20	326.663	1433.3	-3.9	-3.3	2.4	9	-1.1	-1835014	10.5	
20	326.363	1433.4	-2.8	-1.8	1.7	9.5	-0.5	-1846341	10.5	
20	326.063	1433.3	-3.7	-3.3	1	8.4	-0.1	-1866088	10.8	
20	325.763	1433	-4.3	-4	-0.1	9.8	0.6	-1896514	12.2	
20	325.463	1433.2	-5.2	-4.5	-0.5	9.5	1.4	-1935075	12.8	
20	325.163	1433	-3.8	-3.3	-1.3	11.4	1.9	-1977102	12.5	
20	324.863	1432.6	-2.8	-2.3	-1.7	9.7	1.9	-2019046	10.8	
20	324.563	1432	-2.8	-1.7	-2.1	10	1.7	-2062809	10.2	
20	324.263	1431.8	-2.9	-1.8	-2.1	8.9	1.5	-2102159	9.4	
20	323.963	1431.7	-1.2	1.2	-1.8	8.3	1.1	-2136480	7.8	
20	323.663	1431.5	-1	2.2	-1.8	7.9	0.8	-2165202	6.9	
20	323.363	1431.7	-1.5	2	-0.9	6.9	0.3	-2183265	6	
20	323.063	1431.6	-0.7	3.3	-0.6	8.4	-0.3	-2192409	5.6	
20	322.763	1431.7	-2.4	2	0.5	5.7	-1.1	-2194707	5.5	
20	322.463	1431.5	-0.2	4.6	1.1	7.1	-1.8	-2194707	5.5	
20	322.163	1431.5	-0.8	4.4	1.9	6.7	-2.3	-2194707	5.8	
20	321.863	1431.5	-0.9	5.3	2.5	7.3	-2.7	-2197010	6	
20	321.563	1431.5	-0.6	4.9	3	6.7	-3.1	-2197010	6	
20	321.263	1431.7	-0.2	6.1	3.5	7.1	-3.3	-2203948	6	
20	320.963	1431.6	-0.4	5.7	3.6	7.8	-3.6	-2210930	6.8	
20	320.663	1431.7	-1.8	4	4	6.7	-3.7	-2222665	7.4	
20	320.363	1431.6	-1.4	4.8	3.9	8.9	-3.8	-2234526	8.5	
20	320.063	1431.8	-0.8	4.4	4.1	8.4	-3.6	-2248927	8.9	
20	319.763	1431.7	-0.5	3.6	4	10.1	-3.5	-2261070	9.7	
20	319.463	1431.6	-1.5	2.4	3.7	9.6	-3.3	-2275816	10.4	
20	319.163	1431.6	-1.4	1.4	3.4	9.8	-3.1	-2293265	10.7	
20	318.863	1431.5	-1.5	2.4	2.9	9.5	-2.9	-2308435	10.9	
20	318.563	1431.5	-1.3	2.3	2.6	10	-2.7	-2318661	11	
20	318.263	1431.3	-1.5	0.7	1.9	10.6	-2.6	-2323808	11.4	
20	317.963	1431.3	-1.1	1.4	1.6	10.5	-2.3	-2328977	11	
20	317.663	1431	-0.3	1.5	1	11	-2.1	-2342003	10.8	
20	317.363	1431	-1	0.6	0.8	9.7	-1.8	-2357827	10.5	
20	317.063	1430.9	-0.5	2	0.6	10.2	-1.5	-2363150	10	
20	316.763	1431.1	-0.4	1.4	0.5	9.6	-1.1	-2352529	9.4	
20	316.463	1431.2	0.1	2	0.4	9.3	-0.7	-2331571	8.6	
20	316.163	1431.6	-0.1	2.3	0.3	8.3	-0.2	-2295779	8	
20	315.863	1432.2	0.5	2.2	0.4	7.9	0.4	-2253768	6.9	
20	315.563	1432.4	0.2	2.5	0.3	7	0.7	-2194707	6.4	
20	315.263	1432.5	-0.1	3	0.6	5.7	0.7	-2121328	6	
20	314.963	1432.3	0.2	3.2	0.7	5.6	0.5	-2040693	5.7	
20	314.663	1432	0.1	3.3	0.6	5.5	0.2	-1965963	5.5	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
20	314.363	1431.8	0.2	4.6	0.7	5.7	-0.2	-1899955	5.4	
20	314.063	1431.5	0.3	4.2	1	5.5	-0.7	-1841470	5.3	
20	313.763	1431.5	0.5	3.3	1.1	5.1	-1.1	-1791062	5.1	
20	313.463	1431.4	0.5	4.2	1.3	5.3	-1.6	-1746248	5.1	
20	313.163	1431.4	0.3	4.6	1.5	5.8	-2	-1709185	5	
20	312.863	1431.4	0.7	5.9	1.7	6	-2.2	-1681728	4.9	
20	312.563	1431.3	1.7	5.5	1.8	6.9	-2.3	-1668328	4.9	
20	312.263	1431.4	0.8	3.6	2	6.5	-2.1	-1666999	5.2	
20	311.963	1431.5	0.3	3.1	2	6.8	-2	-1676342	5.5	
20	311.663	1431.3	0.2	3.1	2	7.4	-2	-1693973	5.8	
20	311.363	1431.4	1.1	2.3	1.8	8.4	-1.7	-1721835	6	
20	311.063	1431.3	0.1	1.1	1.7	8.5	-1.7	-1759455	7	
20	310.763	1431.5	-1.1	0.4	1.8	8.4	-1.5	-1811203	8.3	
20	310.463	1431.3	-0.6	0.1	1.4	9.4	-1.5	-1872765	9	
20	310.163	1431.2	-0.8	1.6	1.3	9.7	-1.5	-1942255	10	
20	309.863	1431.1	-1	-0.8	1.1	10.6	-1.6	-2011288	10.7	
20	309.563	1431.1	-2.2	-1.4	1.1	10.8	-1.6	-2077134	11.9	
20	309.263	1431.1	-3	-2.1	1.1	11	-1.6	-2129960	13.1	
20	308.963	1431.1	-3.1	-2.5	1.1	11.1	-1.7	-2162966	13.6	
20	308.663	1431.1	-3.3	-3.1	1.4	11.3	-1.9	-2169690	14	
20	308.363	1431	-2.7	-2.3	1.3	13	-2	-2149641	14.1	
20	308.063	1431.3	-2.7	-0.9	1.8	13.2	-2	-2108510	14.2	
20	307.763	1431.5	-2.7	-1.3	2	12.9	-1.9	-2052697	14.2	
20	307.463	1431.7	-2.5	-1.7	2.5	13.6	-1.8	-1988367	14.2	
20	307.163	1431.8	-2.4	-1.9	2.6	14.2	-1.8	-1920872	13.7	
20	306.863	1431.9	-2	-0.5	2.9	13.8	-1.9	-1854518	12.9	
20	306.563	1432	-2.2	-0.8	3.1	13	-1.9	-1794131	11.9	
20	306.263	1432	-1.3	0.2	3.2	12.4	-1.9	-1744793	10.5	
20	305.963	1431.9	-2.1	-0.8	3.1	10.4	-1.8	-1705009	9.4	
20	305.663	1431.6	-2.7	-1.2	2.9	9	-1.9	-1672325	8.6	
20	305.363	1431.5	-1.9	-0.8	2.8	8	-1.9	-1647326	7.2	
20	305.063	1431	-2.7	-2.4	2.2	6.1	-2	-1631918	6.6	
20	304.763	1430.9	-3.6	-2.6	2.1	4.8	-2	-1628111	6.1	
20	304.463	1430.7	-2.8	-2.3	1.7	5.4	-2	-1631918	6.1	
20	304.163	1430.6	-3.6	-3.2	1.5	4.2	-2	-1644738	6.1	
20	303.863	1430.4	-3.1	-3.2	1.3	4.2	-2.1	-1664349	6.1	
20	303.563	1430.2	-3.5	-3.4	1.2	5.2	-2.2	-1688509	6.8	
20	303.263	1429.9	-3.6	-4.1	1	5.8	-2.3	-1717597	7.2	
20	302.963	1429.8	-2.6	-2.8	0.7	6.6	-2.3	-1750628	7.9	
20	302.663	1429.8	-1.9	-1.8	0.7	8	-2.1	-1783434	8.2	
20	302.363	1429.8	-2.2	-2.4	0.5	9	-1.9	-1814342	9	
20	302.063	1430.1	-2.2	-2.3	0.6	8.8	-1.6	-1836624	9.3	
20	301.763	1430.2	-1.2	-1.4	0.6	10.2	-1.4	-1856162	9.3	
20	301.463	1430.4	-1.1	-1.4	0.6	10.2	-1.1	-1874441	9.5	
20	301.163	1430.5	-1.6	-2.1	0.6	9.9	-0.7	-1887963	9.8	
20	300.863	1430.8	-1.6	-2.1	0.6	10	-0.2	-1898233	10	
20	300.563	1431.2	-0.8	-1.1	0.8	10.2	0.1	-1906877	9.7	
20	300.263	1431.4	-0.7	-1.4	0.8	9.7	0.2	-1917354	9.6	
20	299.963	1431.5	-0.7	-2.4	1.1	9.3	0.1	-1929724	9.3	
20	299.663	1431.4	-0.5	-1.3	1.1	9.3	-0.2	-1949489	9.1	
20	299.363	1431.4	-0.6	-0.9	1.7	8.6	-0.8	-1971517	9	
20	299.063	1431.3	-0.4	-0.6	2.1	8.8	-1.6	-1994048	8.8	
20	298.763	1431	0.1	-1	2.6	9.2	-2.6	-2019046	8.3	
20	298.463	1430.8	0.5	0.4	2.9	9.3	-3.6	-2044678	7.9	
20	298.163	1430.8	0.1	1.2	3.5	8.5	-4.5	-2070970	7.8	
20	297.863	1430.9	0.4	1	3.9	9.1	-5	-2093751	7.5	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
20	297.563	1430.8	0.8	1.6	3.9	9	-5.4	-2108510	7.3	
20	297.263	1430.9	0.8	1.8	4	8.3	-5.5	-2112766	7	
20	296.963	1430.9	0.9	3.1	3.9	8.5	-5.4	-2106389	6.8	
20	296.663	1431.1	0.3	3.3	3.4	8.3	-4.9	-2091659	7.1	
20	296.363	1431.6	0.1	3.2	3.1	8	-4	-2068924	7.3	
20	296.063	1432.1	-0.1	3.2	2.8	7.4	-3	-2040693	7.5	
20	295.763	1432.4	-0.4	2.3	2.2	7.9	-2	-2005508	8.1	
20	295.463	1432.7	-1.6	1.1	1.6	7.5	-1.2	-1969662	9	
20	295.163	1433	-1.1	1.6	1.4	7.6	-0.5	-1935075	9.2	
20	294.863	1433.3	-0.5	2	1.1	8.6	0.2	-1906877	9.4	
20	294.563	1433.5	-0.9	1.5	1.1	8.2	0.5	-1884564	9.6	
20	294.263	1433.8	-1.3	0.7	1.2	8.8	0.8	-1866088	10	
20	293.963	1433.9	-1.3	0.9	1.2	8.8	0.8	-1854518	9.9	
20	293.663	1433.8	-0.5	0.8	1	9.6	0.7	-1847971	9.7	
20	293.363	1433.6	-0.5	1.6	1	9.7	0.5	-1849603	9.7	
20	293.063	1433.7	-0.5	2.2	1.3	9.8	0.3	-1859459	9.2	
20	292.763	1433.5	0.3	2.2	1.2	9.6	0	-1876121	8.8	
20	292.463	1433.2	-0.2	2.5	1.2	8.9	-0.3	-1894797	8.6	
20	292.163	1432.8	0	3.6	1	9.2	-0.7	-1912101	8.4	
20	291.863	1432.6	-0.5	2.3	0.8	8.8	-0.8	-1924403	8.4	
20	291.563	1432.3	-0.4	3.2	0.4	8.6	-0.9	-1935075	8.3	
20	291.263	1432.1	-0.6	2.5	0.2	7.7	-0.9	-1940455	8.2	
20	290.963	1431.7	-0.5	3	0.2	7.8	-1.1	-1940455	8.2	
20	290.663	1431.6	-0.6	3	-0.1	7.8	-1	-1931504	8.2	
20	290.363	1431.5	0	2.6	-0.1	8.2	-0.9	-1913849	8.4	
20	290.063	1431.3	-0.5	1.4	-0.3	8.3	-0.8	-1889667	8.8	
20	289.763	1431.4	-0.7	1.5	-0.2	8.5	-0.5	-1866088	9.1	
20	289.463	1431.5	-0.4	1.8	0	9.4	-0.4	-1849603	9.4	
20	289.163	1431.7	-0.1	1.1	0.5	9.6	-0.4	-1844715	9.5	
20	288.863	1431.8	0.4	1.5	0.9	10.4	-0.4	-1852877	9.3	
20	288.563	1431.7	0.4	2	1.4	10.4	-0.6	-1877804	9.3	
20	288.263	1431.7	0.1	1.7	1.7	10.6	-0.7	-1920872	9.3	
20	287.963	1431.5	0.2	1	1.8	10.1	-0.9	-1984598	9.2	
20	287.663	1431.5	0.2	0.9	2.1	10.4	-1.2	-2066881	9.2	
20	287.363	1431.4	-0.2	0.5	2.1	10	-1.6	-2167444	9.1	
20	287.063	1431.2	-0.3	0.2	2.3	9.6	-2.1	-2283261	9.1	
20	286.763	1430.9	0	0.6	2.3	10.1	-2.6	-2412155	9.1	
20	286.463	1430.5	-0.9	-0.5	2	8.6	-3	-2540959	8.9	
20	286.163	1430.1	-0.8	-0.9	2	8.8	-3.3	-2650317	8.9	
20	285.863	1429.9	-1.8	-2.3	2	7.9	-3.6	-2733356	8.8	
20	285.563	1429.8	-1.4	-1.5	2.1	8	-3.8	-2780545	8.8	
20	285.263	1429.9	-1.4	-1.8	2.1	8.3	-3.8	-2791667	8.8	
20	284.963	1430.3	-1.6	-2.4	2.1	8.4	-3.6	-2762204	8.7	
20	284.663	1430.6	-1.2	-2	2.3	8.3	-3.3	-2684295	8.6	
20	284.363	1430.8	-1.9	-2.8	2.4	7.6	-3.1	-2578510	8.6	
20	284.063	1431.2	-1.5	-1.8	2.5	8.4	-2.7	-2454573	8.6	
20	283.763	1431.1	-1.7	-1.8	2.6	7.8	-2.5	-2326390	8.6	
20	283.463	1431.4	-1.8	-1.7	2.8	8.4	-2.1	-2203948	8.4	
20	283.163	1431.6	-1.5	-1.1	2.7	8.2	-1.7	-2093751	8.7	
20	282.863	1431.8	-2	-0.4	2.3	8.1	-1.3	-1995949	9.1	
20	282.563	1432.1	-2.3	-1.2	2	7.8	-1	-1913849	9.2	
20	282.263	1432.1	-1.4	-0.9	1.7	8.6	-0.9	-1851239	9.3	
20	281.963	1432.2	-1.9	-1	1.6	8.4	-0.9	-1811203	9.3	
20	281.663	1432.2	-1.6	-0.3	1.2	8.7	-0.8	-1786477	9.3	
20	281.363	1431.8	-1	0.3	1	9.6	-0.8	-1771363	9.6	
20	281.063	1431.5	-1.7	-1.2	0.5	9.3	-0.7	-1763901	9.6	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
20	280.763	1431.5	-0.6	-0.1	0.6	9.8	-0.7	-1763901	9.4	
20	280.463	1431.7	-0.6	-0.1	1	9.7	-0.9	-1766879	9	
20	280.163	1431.8	-0.2	-0.5	1.2	10.4	-1.2	-1772863	8.8	
20	279.863	1431.9	-0.2	0	1.6	9.9	-1.3	-1778888	8.6	
20	279.563	1432.3	-0.1	-0.1	1.8	10.5	-1.2	-1780401	8.5	
20	279.263	1432.4	-0.5	0	1.9	9.4	-1.1	-1778888	8.4	
20	278.963	1432.2	-0.4	0	2	9.2	-1.1	-1774365	8.3	
20	278.663	1431.9	-0.9	-0.3	2.1	9	-1.1	-1768371	8.3	
20	278.363	1431.7	-0.4	0.1	1.9	8.3	-1.1	-1763901	7.8	
20	278.063	1431.5	-0.5	0.1	1.4	8.4	-1	-1757977	7.9	
20	277.763	1431.5	-1.3	-1.3	1.1	7.4	-0.8	-1755030	8.1	
20	277.463	1431.2	-1.5	-1	0.5	7.8	-0.7	-1753560	8.6	
20	277.163	1431.2	-2.3	-1.6	0.2	6.8	-0.6	-1756503	8.7	
20	276.863	1431.1	-1.4	-1	-0.2	8.2	-0.5	-1765389	8.8	
20	276.563	1430.8	-1.6	-1.5	-0.4	7.5	-0.5	-1780401	9	
20	276.263	1430.4	-1.6	-2	-0.5	7.5	-0.6	-1800302	9	
20	275.963	1430.4	-1.1	-1.5	-0.4	8.3	-0.6	-1827008	9	
20	275.663	1430.5	-1.3	-1.4	0	8.4	-0.7	-1861112	8.9	
20	275.363	1430.7	-0.9	-1.1	0.5	9.2	-0.9	-1899955	8.8	
20	275.063	1430.9	-1.2	-1.4	1.2	8.9	-1.3	-1940455	8.6	
20	274.763	1431	-0.7	-0.5	1.9	9.9	-2	-1975237	8.5	
20	274.463	1431.2	-1	-0.7	2.7	9.3	-2.7	-2001674	8.1	
20	274.163	1431.2	0.3	0.3	3.2	10.5	-3.3	-2022948	7.8	
20	273.863	1431.1	0.8	1.7	3.9	10.8	-3.9	-2034743	7.6	
20	273.563	1431	-0.4	0.4	4.3	9.5	-4.3	-2042684	7.9	
20	273.263	1430.9	-1.1	0.7	4.3	9.2	-4.5	-2042684	8.5	
20	272.963	1430.8	-1.3	0.1	4.3	9	-4.6	-2034743	9	
20	272.663	1430.8	-1.4	0	4	9.8	-4.5	-2019046	9.8	
20	272.363	1431	-1.9	-0.3	3.8	9.9	-4	-1997854	10.6	
20	272.063	1431.3	-2.9	-1.7	3.1	10.9	-3.2	-1975237	12.1	
20	271.763	1431.8	-3.2	-1.3	2.8	10.3	-2.4	-1953126	12.7	
20	271.463	1431.7	-3.1	-1.6	2.3	10	-1.9	-1929724	13.3	
20	271.163	1431.7	-2.9	-1.2	1.9	11.4	-1.4	-1906877	13.6	
20	270.863	1431.7	-2.3	-0.5	1.6	12.3	-1.1	-1882870	13.2	
20	270.563	1431.6	-1.7	-0.2	1.3	12.8	-0.8	-1861112	12.9	
20	270.263	1431.7	-1.5	0.5	1.1	12.6	-0.5	-1846341	12.2	
20	269.963	1431.5	-1.7	0.6	0.7	11.4	-0.4	-1839851	11.4	
20	269.663	1431.5	-2.4	-1	0.5	10.8	-0.4	-1838236	10.8	
20	269.363	1431.5	-1.8	0.1	0.5	10	-0.5	-1839851	9.5	
20	269.063	1431.5	-0.5	1.1	0.7	10.1	-0.7	-1844715	7.9	
20	268.763	1431.4	-1	0	0.7	9	-0.8	-1852877	7.4	
20	268.463	1431.5	-1.7	0	0.7	8	-0.9	-1862768	7.2	
20	268.163	1431.3	-1.8	-1.2	0.6	7.9	-1.1	-1872765	7.7	
20	267.863	1431.5	-2.5	-1.9	0.7	6.9	-1.1	-1881178	7.9	
20	267.563	1431.4	-1.4	-1.2	1	8.5	-1.3	-1882870	8	
20	267.263	1431.4	-1.9	-1.7	1.2	8.6	-1.4	-1881178	8.2	
20	266.963	1431.3	-1.5	-1.4	1.3	8.8	-1.5	-1874441	8.3	
20	266.663	1431.4	-2.3	-1.8	1.6	7.8	-1.6	-1861112	8.7	
20	266.363	1431.4	-2.3	-1.9	1.9	8.5	-1.7	-1844715	8.9	
20	266.063	1431.7	-2.6	-1.7	2	9.3	-1.6	-1823825	9.4	
20	265.763	1432	-2.3	-1.9	2.2	9.6	-1.5	-1798755	9.4	
20	265.463	1432	-1.5	-1	2.1	10.6	-1.5	-1769866	9.4	
20	265.163	1432	-2	-0.7	2.1	9.6	-1.5	-1741889	9.4	
20	264.863	1431.8	-2.1	-0.6	2	9.5	-1.7	-1717597	9.5	
20	264.563	1431.5	-2.1	0.2	2	9.4	-1.9	-1703622	9.5	
20	264.263	1431.3	-2.3	-0.9	1.8	10	-2	-1700854	9.6	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
20	263.963	1431	-2.7	-1.1	1.5	9.8	-2.1	-1709185	10.1	
20	263.663	1431.1	-3.3	-1.7	1.3	9.8	-2.1	-1727517	10.3	
20	263.363	1431.3	-3.1	-2	1.5	9.5	-2.1	-1755030	10.4	
20	263.063	1431.3	-2.8	-1.5	1.5	9.8	-2.1	-1788003	10.4	
20	262.763	1431.4	-2.9	-2	1.6	9.8	-2.1	-1827008	10.3	
20	262.463	1431.5	-2.2	-1	1.8	10.5	-2.1	-1867753	10.3	
20	262.163	1431.5	-2.5	-1.8	1.9	10.3	-2.1	-1901681	10.4	
20	261.863	1431.7	-3	-2	2.2	9.4	-2.1	-1922636	10.4	
20	261.563	1431.8	-2.5	-2.8	2.3	10.1	-2.1	-1929724	10.4	
20	261.263	1432	-2.9	-3.7	2.4	9.8	-2.1	-1927947	10.3	
20	260.963	1431.8	-2.1	-1.7	2	10.6	-2.1	-1919112	10.3	
20	260.663	1431.7	-2.8	-1.7	1.8	9.9	-2	-1908615	10.5	
20	260.363	1431.7	-2.7	-1.4	1.6	9.9	-1.8	-1896514	10.4	
20	260.063	1431.8	-2.7	-1.3	1.5	9.6	-1.6	-1881178	10.5	
20	259.763	1431.9	-2.6	-0.7	1.4	9.7	-1.4	-1869420	9.9	
20	259.463	1432	-1.6	1.3	1.1	10.6	-1.1	-1862768	9.5	
20	259.163	1432.2	-1.7	1.5	1.1	10.1	-0.8	-1859459	9.1	
20	258.863	1432.4	-1.5	1.6	1	10	-0.6	-1864426	8.9	
20	258.563	1432.5	-1.7	1.2	1.1	9.5	-0.5	-1872765	8.8	
20	258.263	1432.5	-1.6	0.7	1.3	9.5	-0.5	-1881178	8.3	
20	257.963	1432.5	-1.5	0.2	1.7	9.1	-0.5	-1891374	8.1	
20	257.663	1432.3	-1.4	0.1	1.8	9.6	-0.7	-1896514	8	
20	257.363	1432.3	-2.2	-0.5	2.1	9	-0.8	-1899955	8	
20	257.063	1432.2	-2.3	0.1	2.2	9.2	-1	-1898233	7.9	
20	256.763	1432.1	-2.8	-1	2.3	8.4	-1.3	-1889667	7.9	
20	256.463	1432	-2.3	-1.8	2.3	9	-1.5	-1877804	7.9	
20	256.163	1431.9	-2.6	-1.6	2.5	9	-1.9	-1864426	7.9	
20	255.863	1431.7	-2.7	-1	2.7	8.4	-2.2	-1849603	7.8	
20	255.563	1431	-2.3	-0.5	2.3	9.2	-2.6	-1833407	8.2	
20	255.263	1430.7	-3.3	-0.8	2.1	8.6	-2.8	-1819071	8.7	
20	254.963	1430.2	-3.9	-2.5	1.7	9.2	-3	-1811203	10	
20	254.663	1430	-5.5	-3.6	1.5	9.2	-3	-1814342	11.5	
20	254.363	1430.1	-4.9	-3.4	1.4	10.4	-2.9	-1822238	12.2	
20	254.063	1430	-5.2	-2.9	1.1	10.6	-2.7	-1833407	13.1	
20	253.763	1430.1	-5.6	-3.3	1	10.5	-2.6	-1843091	13.5	
20	253.463	1430	-4.9	-2.3	0.7	11.2	-2.4	-1851239	13.8	
20	253.163	1430.1	-5.1	-2.8	0.9	11.4	-2.3	-1856162	14	
20	252.863	1430.4	-4.9	-3.4	1.1	11.4	-2.1	-1852877	13.6	
20	252.563	1430.6	-3.9	-1.9	1.4	12.3	-2	-1843091	13.1	
20	252.263	1430.7	-4	-1.9	1.5	12.9	-2	-1828603	12.6	
20	251.963	1431	-3.4	-1.3	1.7	11.8	-2	-1809638	11.8	
20	251.663	1431.1	-3.1	-0.8	1.9	11.8	-2	-1791062	11.2	
20	251.363	1431.5	-2.6	0.1	2.2	11.5	-2	-1772863	10.3	
20	251.063	1431.7	-1.9	1.4	2.3	10.7	-1.9	-1759455	9.3	
20	250.763	1432	-2.6	0.5	2.4	10.4	-1.7	-1750628	8.9	
20	250.463	1432.1	-2	0.8	2.1	10	-1.5	-1743340	8.4	
20	250.163	1432.1	-2.3	0.6	1.9	8.9	-1.4	-1738996	8.5	
20	249.863	1432.3	-3	-0.8	1.8	8.4	-1.1	-1737553	8.6	
20	249.563	1432.5	-1.8	0.7	1.6	9	-0.8	-1737553	8.4	
20	249.263	1432.4	-2.2	0.8	1.6	8.2	-0.7	-1737553	8.6	
20	248.963	1432.6	-2	0.5	1.4	8	-0.4	-1736112	8.4	
20	248.663	1432.7	-1.6	1.3	1.4	8.2	-0.3	-1733238	8.4	
20	248.363	1432.6	-3	-0.9	1.2	7.6	-0.4	-1728944	8.9	
20	248.063	1432.6	-2.3	0.5	1.3	8.2	-0.5	-1724671	8.9	
20	247.763	1432.5	-1.5	1.2	1.5	9.3	-0.8	-1720420	8.9	
20	247.463	1432.5	-1.6	1.1	1.5	9.5	-1.1	-1719007	8.9	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
20	247.163	1432.4	-1.4	1.2	1.6	8.9	-1.5	-1716189	8.9	
20	246.863	1432	-0.5	1.1	1.8	10.5	-2	-1713381	8.9	
20	246.563	1431.7	-0.6	1.1	1.7	10	-2.3	-1711980	8.9	
20	246.263	1431.5	-0.8	0.7	1.8	10.1	-2.5	-1711980	8.9	
20	245.963	1431.5	-0.8	0.9	1.8	10.8	-2.5	-1716189	8.9	
20	245.663	1431.5	-1.1	0.5	1.8	10	-2.5	-1723252	9	
20	245.363	1431.5	-1.5	0	2	9.5	-2.4	-1734674	9.3	
20	245.063	1431.9	-1.4	0	2.2	10	-2	-1747705	9.3	
20	244.763	1432.2	-1	1.2	2	9.7	-1.5	-1763901	9.1	
20	244.463	1432.1	-2	0.3	2.2	8.9	-1.4	-1781916	9.7	
20	244.163	1432	-1.5	1.3	2.2	9	-1.3	-1798755	9.7	
20	243.863	1431.7	-2.4	-0.1	2.4	8.6	-1.5	-1811203	10.1	
20	243.563	1431.8	-2.4	0.2	2.5	8.8	-1.6	-1820653	10.3	
20	243.263	1431.7	-1.9	0.8	2.6	9.6	-1.8	-1827008	10.4	
20	242.963	1431.3	-1.9	0.4	2.7	10	-2.3	-1830202	10.6	
20	242.663	1431	-2.5	0.8	2.5	9.6	-2.7	-1830202	10.9	
20	242.363	1430.9	-1.8	2.1	2.5	10.1	-3	-1825415	11	
20	242.063	1430.6	-1.8	3.7	2.4	11.1	-3.3	-1815916	11.1	
20	241.763	1430.5	-1	3.9	2.1	11.3	-3.3	-1806515	10.9	
20	241.463	1430.2	-0.9	4.3	1.9	11.9	-3.3	-1797211	10.9	
20	241.163	1430.3	-1	4.6	1.5	11.9	-3	-1791062	10.7	
20	240.863	1430.3	-1.1	3.8	1.2	11.2	-2.7	-1784954	10.5	
20	240.563	1430.3	-1.1	4	1.2	11.4	-2.5	-1778888	10.5	
20	240.263	1430.4	-0.9	4	1.1	11.5	-2.1	-1772863	10.1	
20	239.963	1430.7	-0.8	3.1	1.1	10.8	-1.7	-1765389	9.7	
20	239.663	1430.9	-1.6	2.4	1.2	10.4	-1.4	-1755030	9.6	
20	239.363	1431.3	-1.2	2.2	1.5	9.7	-1.1	-1738996	9.2	
20	239.063	1431.5	-1.4	1.7	1.7	10	-0.9	-1720420	8.9	
20	238.763	1431.7	-1.9	0.7	1.9	8.4	-0.8	-1693973	8.5	
20	238.463	1431.9	-1.6	0.3	2.2	9.1	-0.8	-1663027	8.2	
20	238.163	1431.9	-2.1	0.5	2.2	8	-0.8	-1633191	8	
20	237.863	1431.9	-2	0	2.1	7.5	-0.8	-1601952	7.8	
20	237.563	1431.8	-2	0.3	1.7	7.6	-0.8	-1574249	7.6	
20	237.263	1431.6	-2.9	0.1	1.5	6.2	-1	-1550927	7.5	
20	236.963	1431.3	-2.4	-0.6	1.2	6.4	-1.2	-1533884	7.5	
20	236.663	1431.1	-4	-1.8	0.9	6.1	-1.4	-1524946	8.4	
20	236.363	1430.9	-2.5	-0.5	0.8	8.6	-1.5	-1521622	8.6	
20	236.063	1430.8	-3.9	-2.3	0.6	8.5	-1.6	-1522728	9.6	
20	235.763	1430.8	-3	0	0.5	9.5	-1.7	-1527171	9.9	
20	235.463	1430.9	-2.5	-0.2	0.8	10.6	-1.8	-1536135	10.7	
20	235.163	1431.1	-3.1	-1.6	1.2	10.5	-1.9	-1547488	11	
20	234.863	1431.2	-1.5	0.1	1.6	12.6	-1.9	-1560172	10.9	
20	234.563	1431.4	-1.4	0	2.1	12.7	-1.8	-1569529	10.6	
20	234.263	1431.6	-1.9	-1.4	2.4	12.8	-1.8	-1580190	10.4	
20	233.963	1431.6	-3	-2.4	2.7	10.8	-1.9	-1593418	10.4	
20	233.663	1431.8	-4	-3.2	2.9	10.8	-2	-1614303	10.4	
20	233.363	1432.1	-3.1	-2.3	3.2	10.4	-2	-1639586	9.7	
20	233.063	1432	-2.7	-1.6	2.9	10.4	-2.1	-1669658	9.3	
20	232.763	1431.9	-3.2	-1.7	2.6	9.8	-2.1	-1709185	9.1	
20	232.463	1431.4	-3.4	-2	2.3	8.4	-2.3	-1757977	9	
20	232.163	1431	-4.6	-3.6	1.9	7.7	-2.6	-1815916	9.2	
20	231.863	1430.9	-4.5	-2.5	1.8	7.9	-2.6	-1882870	9.3	
20	231.563	1430.8	-4.3	-2.8	1.6	9.4	-2.6	-1953126	9.6	
20	231.263	1431	-4.8	-2.4	1.6	9.7	-2.4	-2022948	9.9	
20	230.963	1431.1	-4.6	-2.2	1.6	9.5	-2.3	-2085409	10.4	
20	230.663	1431.4	-5	-3.1	1.8	9.5	-2.1	-2127795	10.9	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
20	230.363	1431.7	-4.7	-2.8	2	10.4	-1.9	-2151851	11.1	
20	230.063	1431.7	-4.1	-1.6	2.3	11.2	-1.9	-2151851	11.8	
20	229.763	1432	-4.8	-3	2.5	11.7	-1.8	-2123479	12.2	
20	229.463	1431.8	-4.3	-2.5	2.4	12.4	-1.9	-2079196	12.7	
20	229.163	1431.9	-5.2	-4.2	2.5	11.6	-2	-2022948	13.1	
20	228.863	1431.8	-5.1	-4.2	2.5	12.2	-2.3	-1960441	13.3	
20	228.563	1431.5	-4.3	-3.3	2.4	12.8	-2.6	-1899955	13.5	
20	228.263	1431.4	-4.4	-3.3	2.1	12.8	-2.7	-1847971	13.8	
20	227.963	1431.3	-4.8	-3.7	2	11.7	-3	-1806515	13.6	
20	227.663	1431.3	-3.7	-2.8	2.1	13.2	-3.1	-1777378	13.6	
20	227.363	1431.6	-3.9	-3.1	2	13.6	-3.1	-1759455	13.8	
20	227.063	1431.8	-3.5	-1.9	2.1	13.2	-3	-1753560	13.5	
20	226.763	1432	-3	-1.8	2	14.7	-2.8	-1755030	13.5	
20	226.463	1432.2	-3.3	-1.9	1.9	13.2	-2.6	-1768371	12.6	
20	226.163	1432.4	-2.6	-0.7	1.9	12.8	-2.4	-1789531	12	
20	225.863	1432.6	-1.9	-0.3	1.9	12.3	-2.1	-1817492	11	
20	225.563	1432.9	-1.1	1	2	12	-1.7	-1851239	9.5	
20	225.263	1432.8	-2.4	-0.4	1.8	9.9	-1.4	-1887963	9	
20	224.963	1433.3	-2.7	-0.7	1.6	8.9	-0.9	-1924403	7.8	
20	224.663	1433.5	-2	0.9	1.5	8	-0.7	-1954949	7	
20	224.363	1433.7	-3.2	-0.8	1.6	6.8	-0.5	-1978971	6.7	
20	224.063	1434	-2.6	1.4	1.5	7.6	-0.2	-1997854	6.2	
20	223.763	1434.3	-2.5	0	1.4	6.5	0.2	-2007431	5.8	
20	223.463	1434.3	-1.9	2	1.1	6.6	0.4	-2007431	5.7	
20	223.163	1434	-2.4	0.6	0.8	4.6	0.5	-1997854	5.6	
20	222.863	1433.6	-2.8	-0.3	0.4	5.4	0.6	-1978971	5.8	
20	222.563	1433.6	-3.7	-0.6	0.2	4.8	0.7	-1956776	5.9	
20	222.263	1433.5	-2.4	-0.9	0.2	5.9	0.8	-1935075	6	
20	221.963	1433.2	-3.5	-2.1	-0.2	6.3	0.8	-1919112	7.1	
20	221.663	1433.1	-4.6	-2.7	-0.2	5.2	0.7	-1906877	7.6	
20	221.363	1433	-3.8	-0.8	0	7.5	0.4	-1899955	8.7	
20	221.063	1433.1	-3.6	0.4	0.3	7.4	0.1	-1896514	8.7	
20	220.763	1432.6	-1.7	1.4	0.7	9.5	-0.7	-1901681	8.8	
20	220.463	1432.3	-2.3	0.4	1.2	9.4	-1.4	-1910357	8.9	
20	220.163	1432.1	-2.4	0.8	1.5	9.6	-2.1	-1922636	9	
20	219.863	1431.6	-2.5	0.9	1.8	8.9	-3	-1940455	9.1	
20	219.563	1431.4	-2.2	2.4	2.2	9.5	-3.5	-1958607	9	
20	219.263	1431.2	-1.7	2.8	2.4	10.3	-3.9	-1980843	9.1	
20	218.963	1430.9	-2.7	1.6	2.4	9.2	-4.2	-2007431	9.3	
20	218.663	1431	-2.7	2.1	2.4	9.2	-4.2	-2040693	9.5	
20	218.363	1431.2	-2.4	2.2	2.6	9.4	-3.9	-2081263	10.1	
20	218.063	1431.4	-2.7	2.3	2.5	9.5	-3.4	-2125635	10.4	
20	217.763	1431.7	-2.2	2.5	2.2	10.6	-2.7	-2180990	10.9	
20	217.463	1432.1	-2.1	2	2.3	11.3	-2	-2246514	11.3	
20	217.163	1432.3	-1.9	2.9	2.2	11.2	-1.4	-2318661	11.5	
20	216.863	1432.2	-1.2	3.1	2.1	11.2	-1.1	-2401090	11.5	
20	216.563	1432.5	-1.4	3.8	2	11.4	-0.5	-2483690	11.1	
20	216.263	1432.6	-1.1	4	2	11.4	-0.1	-2569019	10.5	
20	215.963	1432.5	-1.7	2.6	1.6	10	0.2	-2660420	10.1	
20	215.663	1432.3	-1.3	3.1	1.2	8.9	0.4	-2747704	9.2	
20	215.363	1432.2	-1.3	3.5	1.2	8.3	0.4	-2821766	8.7	
20	215.063	1432	-1.7	2	1	7.4	0.2	-2883954	8.3	
20	214.763	1431.6	-0.9	3	0.9	7.7	-0.2	-2916087	8	
20	214.463	1431.1	0	3.5	0.8	8.2	-0.5	-2928322	7.9	
20	214.163	1431	-0.6	2.4	0.6	7.7	-0.8	-2916087	7.9	
20	213.863	1430.4	-1.2	2.1	0.5	7.7	-1.4	-2879987	8.6	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
20	213.563	1430.2	-0.8	1.8	0.9	8.8	-2	-2817968	8.9	
20	213.263	1429.9	0.7	2.6	1	10.1	-2.5	-2740511	8.7	
20	212.963	1429.5	0.4	1.5	1.1	10.7	-3.1	-2657044	9.6	
20	212.663	1429.5	0.5	2.9	1.3	11.6	-3.3	-2572175	9.9	
20	212.363	1429.5	0.7	3.4	1.7	11.6	-3.5	-2489596	10	
20	212.063	1429.5	0.7	2.7	2	11.7	-3.5	-2414937	10.2	
20	211.763	1429.8	0.6	3.8	2.1	12.2	-3.3	-2347254	10.1	
20	211.463	1430	0.6	3.2	2.3	12.4	-3	-2285754	10.1	
20	211.163	1430.2	0.4	2.9	2.1	12.7	-2.6	-2229766	10.3	
20	210.863	1430.6	-0.1	1.8	1.9	11.2	-2	-2178721	10.3	
20	210.563	1430.8	0	2.4	1.9	11.8	-1.6	-2140849	10.3	
20	210.263	1431	-0.6	2.2	1.6	11.2	-1.2	-2110636	10.3	
20	209.963	1431	-0.9	2.8	1.2	10.8	-0.9	-2085409	10.4	
20	209.663	1431	-1.5	0.9	1.1	10.8	-0.8	-2073021	10.7	
20	209.363	1431.1	-2.3	1.2	0.7	10.2	-0.7	-2064843	10.8	
20	209.063	1431	-2.1	2.5	0.4	10.4	-0.6	-2064843	11	
20	208.763	1431.2	-3.2	0.6	0.5	9.7	-0.6	-2077134	11	
20	208.463	1431.4	-2.8	0.8	0.3	10.4	-0.6	-2097947	10.9	
20	208.163	1431.5	-3.3	-1.6	0.3	10.1	-0.6	-2123479	11.2	
20	207.863	1431.7	-3.4	-1.1	0.3	10.7	-0.5	-2147437	11.3	
20	207.563	1431.9	-3.2	-0.8	0.2	10.8	-0.3	-2169690	11.3	
20	207.263	1431.9	-3.9	-1.4	0.2	10.8	-0.2	-2183265	11.6	
20	206.963	1432.3	-4	-1.8	0.2	10.5	0.1	-2190116	11.2	
20	206.663	1432.3	-3.6	-1.9	0.4	10.2	0.1	-2192409	11	
20	206.363	1432.4	-4.2	-1.5	0.4	10.2	0.2	-2178721	10.8	
20	206.063	1432.8	-4.4	-1.7	0.4	9.7	0.4	-2151851	10.3	
20	205.763	1432.8	-4.3	-1.9	0.6	9.3	0.4	-2112766	9.9	
20	205.463	1432.8	-4.9	-2.2	0.6	8.6	0.3	-2064843	9.6	
20	205.163	1433	-4.5	-2.3	0.9	8.2	0.2	-2013222	9.1	
20	204.863	1432.9	-4.6	-2.5	1.3	8.5	-0.1	-1965963	8.9	
20	204.563	1432.9	-4.3	-2.4	1.3	8.8	-0.4	-1924403	8.4	
20	204.263	1432.7	-3.5	-2.3	1.5	8.6	-0.8	-1889667	7.8	
20	203.963	1432.5	-4.1	-2.7	1.5	8.6	-1.1	-1859459	7.7	
20	203.663	1432.5	-4.8	-3.7	1.7	8	-1.4	-1839851	7.5	
20	203.363	1432.2	-4.1	-2.4	1.8	8.6	-1.7	-1831803	7.4	
20	203.063	1432.1	-4.3	-3	1.9	9.1	-1.9	-1833407	7.2	
20	202.763	1431.9	-3.9	-2.6	1.9	8.8	-2	-1847971	7	
20	202.463	1431.6	-4.5	-2.8	1.8	8.9	-2	-1869420	7	
20	202.163	1431.8	-5.3	-4.4	1.9	8	-1.8	-1896514	6.9	
20	201.863	1431.8	-4.9	-4.9	2.1	8	-1.7	-1927947	6.7	
20	201.563	1431.7	-5.7	-5.1	2.2	8.4	-1.7	-1956776	7	
20	201.263	1431.6	-6.2	-5	2.2	7.7	-1.9	-1984598	7.2	
20	200.963	1431.4	-6.4	-5.6	2.3	7.9	-2.1	-2007431	7.9	
20	200.663	1431.3	-7.5	-8.2	2.3	7.9	-2.4	-2019046	8.7	
20	200.363	1431.1	-6.9	-7.3	2.4	8.8	-2.8	-2022948	9.1	
20	200.063	1430.7	-8.2	-8.7	2.5	9.1	-3.3	-2017101	10.1	
20	199.763	1430.4	-8.4	-9.1	2.3	10	-3.6	-2001674	10.6	
20	199.463	1430.1	-9	-9.7	2.1	10.2	-3.9	-1978971	11.5	
20	199.163	1429.8	-10.2	-10.8	1.7	10.3	-3.9	-1949489	12.3	
20	198.863	1430	-8.6	-9.2	1.6	12.2	-3.6	-1913849	12.1	
20	198.563	1430.3	-8.7	-9.1	1.7	12.4	-3.2	-1874441	12	
20	198.263	1430.7	-9	-8.9	1.7	12.3	-2.7	-1833407	11.5	
20	197.963	1431	-9.2	-9.2	1.8	11.2	-2.3	-1791062	11.2	
20	197.663	1431.4	-9.9	-9.3	1.9	11	-1.7	-1747705	10.9	
20	197.363	1431.7	-10.2	-9.3	2.1	10.5	-1.4	-1702237	10.4	
20	197.063	1432	-10.4	-8.9	2.4	10.4	-1.1	-1656449	9.9	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
20	196.763	1432.3	-10.7	-8.4	2.6	10.5	-1	-1610578	9.5	
20	196.463	1432.4	-11.1	-9	2.7	8.6	-1.1	-1569529	8.9	
20	196.163	1432.2	-11.8	-8.6	2.6	8	-1.3	-1531640	8.6	
20	195.863	1432.1	-12.1	-9.3	2.4	7.4	-1.6	-1497676	8.3	
20	195.563	1432	-11.5	-8.2	2.5	7.9	-1.9	-1468269	7.8	
20	195.263	1431.7	-11.7	-8.3	2.1	7.8	-2.2	-1444963	7.4	
20	194.963	1431.6	-12.1	-8.9	1.9	7.1	-2.3	-1429182	7.3	
20	194.663	1431.4	-12.8	-8.9	1.8	7.3	-2.5	-1422386	8	
20	194.363	1431.5	-13.1	-9.1	1.7	7.2	-2.5	-1424321	8.4	
20	194.063	1431.6	-13	-9.4	1.9	7.7	-2.6	-1437029	8.7	
20	193.763	1431.6	-13.7	-9.5	2	8.4	-2.6	-1458044	9.4	
20	193.463	1431.8	-13.4	-9	2	8.7	-2.5	-1489155	9.9	
20	193.163	1431.8	-14	-9.7	2	8.6	-2.4	-1531640	10.7	
20	192.863	1432.2	-14.3	-9.4	2.3	8.9	-2.2	-1586175	11.1	
20	192.563	1432.2	-13.6	-9.1	2.2	9.8	-2	-1652527	11.4	
20	192.263	1432.3	-13.7	-9.1	2.4	10.7	-1.9	-1728944	12	
20	191.963	1432.4	-13.2	-8.9	2.3	11.3	-1.7	-1814342	12.1	
20	191.663	1432.2	-12.9	-9.4	2.3	11.7	-1.7	-1912101	12.4	
20	191.363	1432.2	-13.6	-9.5	2.3	12	-1.5	-2024904	12.8	
20	191.063	1432.4	-12.3	-7.5	2.6	12.3	-1.4	-2158506	12.5	
20	190.763	1432.3	-12.3	-8.2	2.6	13.3	-1.4	-2310983	12.5	
20	190.463	1432.5	-12.5	-8.2	2.7	12.3	-1.4	-2486640	12	
20	190.163	1432.4	-12	-8.1	2.8	12	-1.5	-2698132	11.7	
20	189.863	1432.3	-11.9	-7.4	2.9	12.4	-1.7	-2957275	11.4	
20	189.563	1432.1	-11.6	-6.3	2.9	11.4	-2	-3271485	11.1	
20	189.263	1431.6	-11.4	-6.5	2.8	11.7	-2.3	-3666813	10.9	
20	188.963	1431.3	-11.8	-6.1	2.7	10.8	-2.6	-4137846	10.3	
20	188.663	1430.6	-10.7	-4.5	2.2	11.4	-2.9	-4673549	10.2	
20	188.363	1430.4	-12.2	-5.8	2.2	10.1	-3.1	-5273930	10	
20	188.063	1430.1	-11.3	-3.8	1.9	10.8	-3.3	-5914548	9.6	
20	187.763	1429.9	-11	-4.1	1.7	10.7	-3.4	-6542969	9.3	
20	187.463	1429.9	-12.1	-3.9	1.6	9.2	-3.5	-7073480	8.8	
20	187.163	1429.9	-10.5	-2.1	1.7	10.1	-3.6	-7504480	8.3	
20	186.863	1430	-11.4	-2.4	1.7	9.2	-3.5	-7841760	7.9	
20	186.563	1430.2	-10.9	-0.7	1.7	9.3	-3.3	-8083977	7.2	
20	186.263	1430.1	-11.5	-2.9	1.6	8.5	-3.1	-8341634	7	
20	185.963	1430.3	-12.4	-3.7	1.5	8.1	-2.7	-8616255	7.1	
20	185.663	1430.5	-12.5	-3.5	1.7	8.2	-2.4	-8986052	7.2	
20	185.363	1430.7	-12.8	-3.6	1.6	8.5	-2	-9517046	7.5	
20	185.063	1431.3	-13.1	-3.2	1.6	8.2	-1.4	-1E+07	7.6	
20	184.763	1431.6	-13	-2.8	1.5	9	-0.8	-1.1E+07	8.4	
20	184.463	1432	-13.9	-3.5	1.2	9.5	-0.2	-1.2E+07	9.2	
20	184.163	1432.3	-14.1	-3.4	0.9	9.4	0.5	-1.4E+07	9.6	
20	183.863	1432.5	-15.3	-4.2	0.8	10.1	1	-1.5E+07	10.5	
20	183.563	1432.6	-14.6	-2.8	0.2	11.5	1.6	-1.8E+07	10.6	
20	183.263	1432.4	-15.6	-3.5	-0.6	12.2	2.2		11.6	
20	182.963	1432.3	-16.5	-5	-1.4	12.8	2.8		12	
20	182.663	1432.3	-15.3	-3.6	-2.2	14.1	3.3		11.5	
20	182.363	1431.9	-16.7	-4.6	-3	13.9	3.6		11.7	
20	182.063	1431.9	-17	-4.2	-3.6	14.8	3.9		11.5	
20	181.763	1431.6	-16.9	-3.8	-4.2	15.3	4.2		11.3	
20	181.463	1431.4	-18.3	-5.3	-4.8	15.6	4.4		10.8	
20	181.163	1431.4	-18.6	-4.9	-4.8	14	4.5		10	
20	180.863	1431.1	-20	-6.6	-4.9	13.7	4.3		9.4	
20	180.563	1431.1	-21.8	-7.8	-4.6	11.4	4		8.2	
20	180.263	1431.2	-22.7	-8.4	-4.1	9.5	3.8		7.3	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
20	179.963	1431	-24.9	-11.3	-3.8	7.8	3.5		6.6	
20	179.663	1431.2	-26.6	-12.9	-3.3	6.6	3.2		6.1	
20	179.363	1431	-27.7	-14.5	-3.2	5.2	3		6	
20	179.063	1431.1	-30.9	-18	-2.6	2.5	2.6		5.8	
20	178.763	1430.9	-30.7	-17.1	-2.4	3	2.2		5.8	
20	178.463	1431	-33	-20.7	-1.9	1.7	1.9	14955357	5.9	
20	178.163	1431	-33.5	-21.2	-1.7	1.9	1.6	11504121	5.9	
20	177.863	1430.6	-34.5	-22	-1.8	1.5	1.1	9223568	6	
20	177.563	1430.6	-35.5	-23.5	-1.4	1.7	0.7	7669414	6.1	
20	177.263	1430.6	-37.1	-25.2	-1.1	1.9	0.3	6522586	7.2	
20	176.963	1430.7	-36.9	-25.3	-0.7	3.7	0.1	5643531	8	
20	176.663	1430.7	-37	-25.6	-0.6	6	-0.2	4985119	8.6	
20	176.363	1430.8	-37.1	-25.3	-0.3	6	-0.3	4473825	9.3	
20	176.063	1431	-37.5	-26.8	-0.1	7.5	-0.5	4073444	9.7	
20	175.763	1431.1	-37.2	-25	0.1	8.6	-0.6	3765738	10.3	
20	175.463	1431.3	-37.3	-26	0.6	9.7	-0.6	3518908	10.7	
20	175.163	1431.6	-37.2	-26.2	0.9	10.9	-0.6	3323413	11.1	
20	174.863	1431.6	-37	-24.9	1	12	-0.7	3177163	11.3	
20	174.563	1431.7	-37.4	-26.9	1.2	12.1	-0.7	3074523	11.6	
20	174.263	1431.9	-37.8	-26.4	1.6	11.8	-0.8	3012590	11.7	
20	173.963	1431.9	-36.9	-26	1.7	12.8	-0.9	2978308	11.7	
20	173.663	1432.2	-37.5	-26	1.8	12.7	-0.8	2965652	11.7	
20	173.363	1432.1	-37.4	-25	1.6	12.1	-0.8	2974077	11.6	
20	173.063	1432	-38.2	-25.7	1.7	11.6	-0.9	2999642	11.5	
20	172.763	1432.1	-38.6	-25.8	1.6	11.2	-0.9	3047672	11.5	
20	172.463	1431.9	-38.4	-25.3	1.6	11.3	-1.1	3111070	11.3	
20	172.163	1431.7	-38.8	-25.8	1.3	10.9	-1.1	3181991	11.3	
20	171.863	1431.6	-38.8	-24.9	1	10.8	-1.1	3261293	11	
20	171.563	1431.4	-38.9	-24.8	0.9	10.2	-1.1	3360755	10.7	
20	171.263	1431.5	-39.4	-24.1	0.6	9.6	-0.9	3472223	10.5	
20	170.963	1431.4	-38.6	-24	0.6	10.1	-0.8	3591338	10.2	
20	170.663	1431.1	-39.2	-23.6	0.4	10.5	-0.8	3699205	10	
20	170.363	1431.2	-39.4	-22.9	0.2	9.7	-0.5	3793026	9.9	
20	170.063	1431.2	-39.9	-24.6	0.2	8.7	-0.3	3877315	9.9	
20	169.763	1431.3	-39.4	-22.7	-0.1	9.2	0.1	3943032	9.4	
20	169.463	1431.4	-39.4	-22.4	-0.3	9	0.4	4003346	8.9	
20	169.163	1431.3	-39.9	-23	-0.6	8.2	0.6	4057655	8.6	
20	168.863	1431.5	-39.6	-21.3	-0.9	8.7	0.9	4089356	8.1	
20	168.563	1431.1	-39.6	-21	-1.5	8.3	1	4113458	8.3	
20	168.263	1430.9	-41.2	-21.2	-1.7	8.2	1.1	4146040	8.4	
20	167.963	1431	-39.7	-17.9	-1.9	7.7	1.2	4187500	7.4	
20	167.663	1430.8	-39	-16.3	-2.1	8.7	1.2	4221271	6.7	
20	167.363	1430.9	-39.6	-14.7	-2.1	7.3	1.3	4246958	6.3	
20	167.063	1431	-40.3	-13.7	-2.1	6.3	1.4	4246958	6.2	
20	166.763	1431.2	-40.2	-12.5	-1.7	7.1	1.4	4238361	6.1	
20	166.463	1431.6	-41	-10.1	-1.5	5.9	1.5	4204318	6.1	
20	166.163	1431.8	-40.6	-9.9	-1	6.7	1.5	4162525	6.2	
20	165.863	1431.9	-42.7	-9.7	-0.8	6.7	1.5	4089356	7.4	
20	165.563	1432.1	-40.5	-7	-0.7	7.7	1.5	3988096	7.7	
20	165.263	1432.1	-42.2	-7.7	-0.5	6.6	1.5	3877315	8.7	
20	164.963	1432.1	-41.7	-6.2	-0.6	8.2	1.5	3758977	9.4	
20	164.663	1432	-41.4	-4.3	-0.7	9.3	1.4	3628683	9.9	
20	164.363	1431.7	-42.5	-5.6	-0.9	9	1.2	3513004	11	
20	164.063	1431.7	-42.1	-5.1	-1.3	11.4	1.3	3404472	11.9	
20	163.763	1431.6	-42.7	-5.6	-1.5	11	1.3	3302445	12.8	
20	163.463	1431.5	-42.7	-5.2	-1.9	13.1	1.4	3226118	13.5	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
20	163.163	1431.5	-41.4	-4.2	-2.3	12.3	1.6	3162765	13.2	
20	162.863	1431.4	-41.2	-3.9	-2.5	13	1.7	3111070	12.9	
20	162.563	1431.4	-41.3	-4.1	-2.7	12.6	1.9	3065520	12.6	
20	162.263	1431.6	-41.3	-4.3	-2.8	11.5	2.1	3016931	11.8	
20	161.963	1431.7	-40.7	-3.3	-2.7	12	2.3	2969859	11.2	
20	161.663	1431.7	-42.2	-4.4	-2.8	10	2.3	2920154	10.9	
20	161.363	1431.8	-41.1	-4.2	-2.9	10	2.4	2864228	10.3	
20	161.063	1432	-41.8	-4.3	-2.8	9.4	2.5	2810403	10.1	
20	160.763	1432.3	-40.4	-3	-2.6	9.2	2.6	2758564	9.1	
20	160.463	1432.4	-40.4	-2.2	-2.3	8.3	2.6	2705104	8.4	
20	160.163	1432.4	-40.8	-2.2	-2.3	8.2	2.6	2663805	8.4	
20	159.863	1432.6	-40.6	-2.2	-2.1	7.8	2.6	2630340	8.3	
20	159.563	1432.5	-40.4	-1.6	-1.9	8.6	2.4	2613921	8.4	
20	159.263	1432.7	-40.4	-1.6	-1.4	8.8	2.3	2607410	8.3	
20	158.963	1432.9	-39	-0.1	-1.1	9	2.2	2610661	7.7	
20	158.663	1433	-39.6	-0.2	-0.6	8.7	1.9	2623747	7.4	
20	158.363	1433.1	-39.7	-1.1	-0.3	7.6	1.5	2636965	7.3	
20	158.063	1432.9	-39.4	-0.2	-0.1	7.6	1.1	2650317	7.3	
20	157.763	1432.8	-39.8	-0.4	0.1	7.8	0.7	2660420	7.4	
20	157.463	1432.6	-38.8	1.1	0.1	8.1	0.4	2657044	7.1	
20	157.163	1432.3	-40.5	-1.1	0	6.9	0.3	2646966	7.4	
20	156.863	1432	-39.7	-0.3	-0.3	7.7	0.2	2630340	7.4	
20	156.563	1431.8	-39.5	0.4	-0.4	7.1	0.2	2607410	7.4	
20	156.263	1431.5	-40	-0.4	-0.7	7.4	0.2	2581690	7.6	
20	155.963	1431.5	-39.5	0.1	-0.8	7.6	0.4	2553354	7.5	
20	155.663	1431.5	-38.9	2.3	-0.8	7.9	0.7	2525634	7.6	
20	155.363	1431.5	-39.6	0.1	-0.7	7.7	0.9	2501494	7.7	
20	155.063	1431.6	-39.1	-0.1	-0.6	7.8	1.1	2483690	7.8	
20	154.763	1431.6	-39.6	0	-0.6	8.9	1.3	2471960	8.3	
20	154.463	1431.4	-39.5	0.8	-0.6	8.6	1.2	2460341	8.6	
20	154.163	1431.1	-39.3	0.9	-0.8	9	1.1	2445970	9.3	
20	153.863	1431	-40.1	0.9	-0.8	10	1	2434594	10.1	
20	153.563	1430.7	-39.6	1	-1	10.2	0.7	2423322	10.4	
20	153.263	1430.3	-39	3.7	-1.4	11.7	0.5	2412155	11.2	
20	152.963	1429.9	-39.4	1.1	-1.6	11.4	0.2	2401090	11.8	
20	152.663	1429.6	-39.4	2.8	-1.8	12.9	0.1	2384682	13.1	
20	152.363	1429.5	-39.9	1.8	-1.9	13.3	0	2368496	13.8	
20	152.063	1429.6	-39.3	2.1	-1.7	14	0	2352529	14	
20	151.763	1429.7	-38.6	3.9	-1.6	15	0.1	2339386	14.1	
20	151.463	1430.1	-40	2.1	-1.3	14.1	0.3	2328977	14.2	
20	151.163	1430.5	-39.3	3.4	-1	14.6	0.5	2323808	14.2	
20	150.863	1430.8	-40	2.7	-0.7	13.7	0.6	2326390	13.9	
20	150.563	1431.1	-38.5	2.9	-0.3	14	0.7	2336775	13.2	
20	150.263	1431.1	-39.3	1.9	-0.2	13.7	0.7	2355175	12.9	
20	149.963	1431.3	-39.3	2	0	13.4	0.7	2384682	11.9	
20	149.663	1431.2	-39	2.3	0	12	0.6	2426130	11.1	
20	149.363	1431.3	-39.6	1.1	0.1	11.8	0.6	2474882	10.7	
20	149.063	1431.2	-39.7	2.5	0	11	0.5	2534807	10	
20	148.763	1431.2	-39.9	1.2	0	10.9	0.5	2607410	9.6	
20	148.463	1431.5	-40.6	1.2	0	9.4	0.6	2684295	8.8	
20	148.163	1431.5	-39.1	1.3	-0.1	8.6	0.7	2762204	7.8	
20	147.863	1431.5	-40.7	-0.3	-0.1	7.3	0.9	2833221	7.4	
20	147.563	1431.7	-41.6	-0.8	-0.3	5.8	1.3	2891920	6.8	
20	147.263	1431.6	-40.5	0.1	-0.5	5.6	1.6	2940661	6.4	
20	146.963	1431.4	-42.9	-2.5	-1	4.3	1.9	2986805	6.8	
20	146.663	1431.3	-41.4	-1	-1.4	5.3	2.1	3030029	6.8	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
20	146.363	1431	-43.1	-4.1	-2	4.5	2.3	3070015	7.9	
20	146.063	1431	-42.4	-2.8	-2.3	6.4	2.4	3111070	8.3	
20	145.763	1430.7	-41.2	-1.5	-2.6	6.6	2.4	3167550	8.6	
20	145.463	1430.3	-42	-2.6	-3	8.1	2.3	3241100	9.7	
20	145.163	1430.1	-41.8	-2	-3.3	9.3	2.1	3328697	10.1	
20	144.863	1429.7	-40.3	-1.5	-3.5	10.8	1.9	3438014	10.9	
20	144.563	1429.8	-41.2	-0.7	-3.5	12.2	1.8	3560800	11.3	
20	144.263	1430	-40.2	-0.5	-3.3	12.1	1.7	3679702	11.3	
20	143.963	1430.1	-39.4	0.1	-3	13.6	1.7	3779333	11.3	
20	143.663	1430.3	-40.4	-0.4	-2.9	12.7	1.7	3848806	11.2	
20	143.363	1430.4	-39.4	0.1	-2.7	12.6	1.8	3863008	10.8	
20	143.063	1430.6	-40.1	-1.2	-2.6	11.8	2	3820712	10.8	
20	142.763	1431	-40.3	-0.7	-2.5	12.2	2.3	3732175	10.3	
20	142.463	1431.1	-39.8	-0.7	-2.4	11	2.5	3628683	10.2	
20	142.163	1431.5	-41.2	-1.6	-2.3	10.5	2.7	3507119	10.2	
20	141.863	1431.9	-40.6	-1.1	-2.2	10.6	2.8	3393436	10.1	
20	141.563	1431.8	-40.3	-1	-2.3	10.2	2.7	3286892	10.1	
20	141.263	1431.9	-41.4	-1.3	-2	9.7	2.6	3196565	10.1	
20	140.963	1431.9	-41.2	-1.6	-1.7	9.3	2.4	3125000	9.9	
20	140.663	1432	-40.2	-1.2	-1.2	10.1	2.2	3065520	10	
20	140.363	1432.3	-42.6	-3.2	-0.6	8.9	1.9	3012590	10	
20	140.063	1432.2	-41	-1.6	-0.2	9.3	1.5	2969859	10	
20	139.763	1432.4	-41.8	-1.9	0.2	9.6	1.1	2932424	10.3	
20	139.463	1432.6	-42	-2.7	0.6	9.2	0.7	2895920	10.4	
20	139.163	1432.7	-41.3	-2.7	1.1	9.5	0.3	2868151	10.5	
20	138.863	1432.4	-41.5	-1.5	1.1	9.9	-0.1	2848640	10.7	
20	138.563	1432.1	-41.8	-2.5	1.1	9.8	-0.4	2837060	10.8	
20	138.263	1431.5	-40.4	-0.4	0.8	10.5	-0.7	2833221	11.2	
20	137.963	1431.1	-42.7	-4.2	0.3	9.9	-0.8	2837060	11.4	
20	137.663	1430.8	-40.8	-1.5	0.1	10.5	-0.8	2852521	11.4	
20	137.363	1430.7	-41	-1.7	0.1	10.7	-0.8	2883954	11.5	
20	137.063	1430.8	-41.1	-2.1	0.1	10.8	-0.8	2920154	11.4	
20	136.763	1430.8	-40.2	-0.6	0	10.2	-0.8	2969859	11.3	
20	136.463	1430.9	-39.9	-0.2	0.2	11	-0.7	3030029	11.3	
20	136.163	1430.9	-40.4	-0.5	0.3	10.3	-0.7	3111070	11.2	
20	135.863	1430.8	-39.2	1.4	0.6	10.6	-0.8	3216206	11.1	
20	135.563	1430.8	-39.8	-0.7	0.7	11.5	-0.8	3350000	10.9	
20	135.263	1430.8	-38.8	1.9	0.8	10.5	-0.8	3524832	10.4	
20	134.963	1430.5	-38.6	3	0.7	10.6	-0.9	3745528	10.4	
20	134.663	1430.5	-39	1.5	0.6	10.3	-0.8	4018714	10.1	
20	134.363	1430.4	-37	5.9	0.4	11.1	-0.7	4389413	9.6	
20	134.063	1430.5	-37.7	3.7	0.2	10.2	-0.4	4869186	9.5	
20	133.763	1430.6	-37.1	6	-0.1	11	0	5524407	9.4	
20	133.463	1430.5	-37.1	5.3	-0.7	10.2	0.5	6442308	9.6	
20	133.163	1430.7	-38.1	3.1	-1.1	9.9	1.1	7754630	9.9	
20	132.863	1430.9	-37	5	-1.4	10.1	1.5	9829812	9.6	
20	132.563	1430.6	-36.6	5.2	-1.8	10.3	1.7	13684641	9.6	
20	132.263	1430.6	-37.3	3	-2.1	10	2		9.7	
20	131.963	1430.6	-36.8	4.4	-2	9.4	2		9.7	
20	131.663	1430.4	-36.8	3.4	-2.3	10.2	2.1		10	
20	131.363	1430.5	-37	2.4	-2.1	9	2.1		9.9	
20	131.063	1430.5	-36.1	4.3	-1.8	9.9	2	-1.3E+07	9.5	
20	130.763	1430.5	-36.4	3	-1.7	10.4	1.9	-9517046	9.3	
20	130.463	1430.9	-36.1	4	-1.3	8.9	1.9	-7558664	9	
20	130.163	1430.8	-36	4.3	-1.1	9.4	1.7	-6363982	8.9	
20	129.863	1430.8	-36.3	3.5	-1.1	8.9	1.6	-5583334	8.9	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
20	129.563	1430.8	-36	5.2	-1.2	9.3	1.5	-5033053	8.8	
20	129.263	1430.7	-36.2	4.4	-1.2	8.1	1.3	-4663141	8.7	
20	128.963	1430.4	-35	5.3	-1.5	9.3	1	-4426533	8.8	
20	128.663	1430	-36	5.4	-1.9	8.9	0.8	-4299282	9.9	
20	128.363	1429.9	-37	4.2	-1.9	8.3	0.7	-4246958	10.4	
20	128.063	1429.7	-35.1	5.1	-2.3	12	0.6	-4264257	11.1	
20	127.763	1429.7	-36.3	6.3	-2.2	10.2	0.5	-4325930	11.8	
20	127.463	1429.9	-35.3	5.7	-1.9	13.1	0.5	-4435911	12.6	
20	127.163	1430.4	-36.1	5.7	-1.7	12.4	0.7	-4591557	13.2	
20	126.863	1430.8	-34.5	7.5	-1.1	13.7	0.7	-4791190	12.9	
20	126.563	1431.3	-34	7.3	-0.5	13.8	0.7	-5045181	12.6	
20	126.263	1431.7	-33.8	7.7	0.4	13.4	0.5	-5314087	11.9	
20	125.963	1431.7	-33.4	8.4	0.8	14.1	0.2	-5613271	11.7	
20	125.663	1432	-36	4.4	1.5	10.2	-0.2	-5948154	11.2	
20	125.363	1432	-33.5	9.2	2.1	12.7	-0.8	-6306476	10.8	
20	125.063	1431.9	-35.4	5.4	2.4	10.4	-1.4	-6689297	10.6	
20	124.763	1432	-34.5	6.5	2.7	10.9	-1.9	-7145905	9.9	
20	124.463	1431.6	-34.4	6.7	2.9	9.6	-2.6	-7586051	9.6	
20	124.163	1431.8	-35.4	4.8	3.2	8.8	-3	-8022031	9.6	
20	123.863	1431.7	-34.6	5.3	3.4	8.6	-3.4	-8341634	9.4	
20	123.563	1431.6	-34.6	5.8	3.5	9	-3.7	-8476721	9.6	
20	123.263	1431.7	-34.9	4.3	3.5	9.8	-3.7	-8408635	9.6	
20	122.963	1431.8	-34.4	5.4	3.5	9	-3.7	-8022031	9.9	
20	122.663	1431.9	-35	3.8	3.7	9.7	-3.7	-7451068	10.3	
20	122.363	1432	-34.8	3.8	3.6	9.1	-3.6	-6797890	10.4	
20	122.063	1431.8	-34.3	4.7	3.7	9.9	-3.6	-6104228	10.6	
20	121.763	1431.8	-35.2	1.8	3.6	9.2	-3.6	-5495407	10.7	
20	121.463	1431.8	-33.8	3.9	3.6	10.3	-3.6	-4961493	10.8	
20	121.163	1431.8	-34.6	2.5	3.6	9.8	-3.6	-4512393	11.1	
20	120.863	1431.9	-34.2	2.9	3.6	10.3	-3.6	-4129685	11	
20	120.563	1431.9	-33.4	4.7	3.5	11.1	-3.5	-3813753	10.9	
20	120.263	1432	-33.4	3.6	3.2	11.2	-3.3	-3548729	10.7	
20	119.963	1432	-32.5	4.1	2.9	10.7	-3.1	-3344649	10.4	
20	119.663	1431.8	-32.8	4.5	2.7	10.3	-3	-3191693	10.4	
20	119.363	1431.8	-32.1	4.7	2.1	11.6	-2.6	-3070015	10.3	
20	119.063	1431.9	-32	4.8	1.9	10.2	-2.1	-2982550	10.3	
20	118.763	1432	-32.1	4.9	1.3	12.1	-1.5	-2932424	10.4	
20	118.463	1432.1	-32.1	4	0.8	10.2	-1	-2907987	10.4	
20	118.163	1432	-32.8	3.6	0.2	10.9	-0.5	-2903953	11.4	
20	117.863	1432.3	-32.8	3.3	0.1	10.6	-0.1	-2920154	11.4	
20	117.563	1432.3	-30.7	5.3	-0.3	11.3	0.4	-2948944	10.9	
20	117.263	1432.4	-31.1	5.2	-0.5	11.3	0.8	-2978308	10.7	
20	116.963	1432.7	-31.6	4.4	-0.4	8.8	1.1	-3003946	10.2	
20	116.663	1432.4	-30	6.2	-1	10.9	1.4	-3034421	10.5	
20	116.363	1432.6	-33	2	-0.9	7.6	1.4	-3056570	10	
20	116.063	1432.6	-29.5	6.5	-0.9	10	1.4	-3079045	9.6	
20	115.763	1432.6	-31.2	5.8	-0.8	8.5	1.3	-3101852	9.4	
20	115.463	1432.7	-30.5	4.6	-0.7	8.3	1.2	-3120343	8.8	
20	115.163	1432.3	-29.6	6.7	-0.9	8	1.1	-3148497	8.6	
20	114.863	1432.5	-30.7	4.6	-0.8	6.9	1.1	-3191693	8	
20	114.563	1432.3	-28.4	7.7	-0.9	6.9	0.9	-3241100	7.1	
20	114.263	1432.1	-28.9	5.6	-0.7	5.8	0.8	-3307662	6.7	
20	113.963	1432.1	-29.2	4.8	-0.4	5.8	0.6	-3382472	6.3	
20	113.663	1432	-27.8	6	-0.2	5.5	0.4	-3460744	6.2	
20	113.363	1432.1	-27.8	5.6	0.1	5.9	0.3	-3548729	6.1	
20	113.063	1432.1	-27.2	8.8	0.5	5.9	-0.1	-3622405	6.1	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
20	112.763	1431.9	-27.4	6.1	1	6	-0.5	-3686180	7	
20	112.463	1432	-28.1	7.3	1.3	6	-1	-3732175	7.7	
20	112.163	1431.8	-24.7	9.8	1.6	8.5	-1.5	-3752241	8.3	
20	111.863	1431.5	-26	8.4	1.6	7.9	-1.8	-3765738	9.1	
20	111.563	1431.3	-24.3	11.1	1.4	10.3	-2	-3772523	9.4	
20	111.263	1431.1	-24.7	9.9	1.1	9.1	-2.1	-3765738	10	
20	110.963	1430.8	-23.9	10.7	0.8	11.4	-2.3	-3765738	11	
20	110.663	1430.7	-23.5	11.4	0.6	12.6	-2.3	-3765738	11.9	
20	110.363	1430.5	-23.1	11.3	0.3	14	-2.2	-3765738	13.3	
20	110.063	1430.8	-22.1	12.9	0.2	16	-1.9	-3765738	13.8	
20	109.763	1431.1	-21.4	13.4	0.1	14.7	-1.4	-3752241	14.1	
20	109.463	1431.3	-20.7	13.6	0.1	15.9	-1.1	-3732175	14.2	
20	109.163	1431.8	-21.2	14	0.2	15	-0.7	-3692681	14.2	
20	108.863	1432.2	-19.7	14.1	0.3	16.5	-0.2	-3622405	14.2	
20	108.563	1432.4	-20.8	13.8	0.2	16	0.2	-3530776	14.2	
20	108.263	1432.7	-21.2	13	0.2	15.2	0.6	-3421161	14.2	
20	107.963	1432.9	-20.2	13.2	0.2	16.4	1	-3297245	14.2	
20	107.663	1433.1	-20.4	13	-0.1	16	1.2	-3167550	13.8	
20	107.363	1433	-19.3	13.2	-0.3	15.1	1.2	-3030029	13	
20	107.063	1433.1	-18.9	13.9	-0.4	15.3	1.3	-2895920	12.6	
20	106.763	1433.3	-19.8	12.3	-0.6	14.5	1.4	-2776857	11.7	
20	106.463	1433.1	-19.3	12.7	-0.8	13.3	1.2	-2670600	11.2	
20	106.163	1433.2	-21.3	10.8	-0.5	12.2	1	-2588072	10.9	
20	105.863	1433.2	-20.9	11.2	-0.3	12.5	0.7	-2519555	10.5	
20	105.563	1433	-21.7	11.1	0	11.3	0.2	-2466137	10.6	
20	105.263	1433.2	-23	9.8	0.6	10.8	-0.2	-2426130	10.6	
20	104.963	1433.2	-21.4	9.3	1	11	-0.5	-2392858	10.3	
20	104.663	1433.1	-22.5	8.6	1.5	10.2	-0.9	-2363150	10.3	
20	104.363	1433.2	-23.9	7.7	1.9	9.3	-1.3	-2342003	10.1	
20	104.063	1433.2	-23	7	2.4	9.2	-1.6	-2318661	9.9	
20	103.763	1433	-24.3	8.7	2.7	9.1	-2	-2298299	9.8	
20	103.463	1432.9	-24.5	5	2.7	8.6	-2.2	-2280774	9.6	
20	103.163	1432.7	-24.6	6.6	2.8	8.6	-2.5	-2261070	9.7	
20	102.863	1432.6	-26	4.5	2.8	8.2	-2.7	-2251345	9.8	
20	102.563	1432.3	-25	4.6	2.7	8.2	-3	-2244106	9.5	
20	102.263	1431.9	-25.8	4.9	2.8	8	-3.3	-2246514	10.2	
20	101.963	1431.9	-26.4	2	2.9	8.6	-3.4	-2253768	10.3	
20	101.663	1431.6	-25.3	3.6	2.6	9.2	-3.5	-2256197	10.2	
20	101.363	1431.4	-26	3.2	2.8	9.3	-3.7	-2256197	10.3	
20	101.063	1431.6	-26.1	1.7	2.9	9.4	-3.6	-2246514	10.1	
20	100.763	1431.7	-25.2	2.6	3	9.8	-3.6	-2229766	10	
20	100.463	1431.8	-25.7	1.5	3	9.9	-3.5	-2206270	10	
20	100.163	1432	-26	1.4	3.1	8.9	-3.3	-2176456	9.7	
20	99.863	1431.8	-24.7	3.4	3.1	10.5	-3.3	-2140849	9.7	
20	99.563	1431.7	-25.6	-0.9	3.1	9.9	-3.3	-2097947	9.6	
20	99.263	1431.8	-25.6	0.4	3.2	9.2	-3.2	-2056730	9.4	
20	98.963	1431.6	-25.7	-1.4	3	9.7	-3.2	-2017101	9.7	
20	98.663	1431.8	-26.3	-1.6	2.8	9.4	-3	-1980843	9.9	
20	98.363	1432	-25.4	-1.5	2.8	9.6	-2.9	-1945865	9.7	
20	98.063	1432	-25.2	-1.7	2.6	9.9	-2.8	-1915600	9.7	
20	97.763	1432.1	-25.4	-2.3	2.3	9.9	-2.7	-1884564	9.7	
20	97.463	1432	-25.2	-3.1	2.2	9.2	-2.6	-1856162	9.8	
20	97.163	1431.9	-25.4	-4	1.8	9.6	-2.4	-1833407	9.9	
20	96.863	1432.1	-25.5	-4.8	1.4	9.6	-2	-1815916	9.9	
20	96.563	1432.1	-25.5	-4.3	1.2	9.4	-1.6	-1801851	9.8	
20	96.263	1432.4	-25.5	-5.8	1	9.9	-1.1	-1792595	9.8	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
20	95.963	1432.5	-25.3	-4.5	0.5	9.4	-0.8	-1788003	9.6	
20	95.663	1432.6	-25.2	-4	0.3	9	-0.5	-1788003	9.5	
20	95.363	1432.9	-25.2	-5	0.3	9.2	-0.2	-1795670	9.3	
20	95.063	1433.1	-24.6	-4.2	0.4	9.5	-0.1	-1809638	8.9	
20	94.763	1433.3	-24.7	-5.4	0.5	8.5	0	-1825415	8.8	
20	94.463	1433.5	-24.8	-5.9	0.6	8.5	0.1	-1843091	8.6	
20	94.163	1433.4	-24.5	-4.7	0.9	7.5	-0.1	-1861112	8.3	
20	93.863	1433.3	-24.8	-5.5	1	7	-0.2	-1874441	8.3	
20	93.563	1433.6	-24.7	-3.4	1.6	6.8	-0.3	-1886262	8.2	
20	93.263	1433.5	-24.1	-3.2	2	6.7	-0.5	-1891374	8.4	
20	92.963	1433.6	-24.8	-3.1	2.1	6.5	-0.5	-1889667	9.1	
20	92.663	1433.6	-25.2	-2.2	2.4	5.7	-0.8	-1879489	9.5	
20	92.363	1433.7	-23.3	-1.9	2.6	7.9	-0.9	-1866088	10.6	
20	92.063	1433.6	-23.9	-1.4	2.6	8.5	-1.2	-1851239	11.5	
20	91.763	1433.1	-21.9	2	2.6	10.6	-1.7	-1838236	12.5	
20	91.463	1432.6	-21.6	1.4	2.5	12.1	-2	-1831803	13.5	
20	91.163	1432.2	-21.3	3	2.2	12.4	-2.5	-1830202	13.9	
20	90.863	1431.4	-19.6	4.9	2	13.4	-3	-1833407	14.1	
20	90.563	1431.1	-19.2	5.4	1.8	15.3	-3.3	-1844715	14.2	
20	90.263	1430.9	-18.1	7.9	1.9	15.8	-3.5	-1864426	14.1	
20	89.963	1430.7	-16.6	8.4	1.8	16.2	-3.5	-1889667	14.1	
20	89.663	1430.8	-17	8.8	1.9	15.8	-3.4	-1924403	13.5	
20	89.363	1430.9	-15.4	11	2	15.1	-3.1	-1967811	12.7	
20	89.063	1430.9	-15.5	9.8	1.8	14.6	-2.7	-2013222	12.3	
20	88.763	1431.4	-14.9	11.1	1.8	13.9	-2.1	-2066881	11.4	
20	88.463	1431.3	-13.8	12.3	1.7	12.9	-1.7	-2125635	10.9	
20	88.163	1431.6	-15.8	9.4	1.6	11.4	-1.1	-2190116	10.5	
20	87.863	1431.4	-14.3	11.4	1.3	11.7	-0.8	-2261070	10.1	
20	87.563	1431.1	-14.1	11.9	0.8	10.8	-0.5	-2336775	10.1	
20	87.263	1431.1	-14.6	10.1	0.5	11.1	-0.2	-2417726	10	
20	86.963	1431	-13.8	11.8	0	10.8	0.2	-2501494	10	
20	86.663	1431.1	-14	11.6	-0.3	10.9	0.5	-2578510	9.9	
20	86.363	1431.2	-13.4	12.3	-0.5	10.2	0.6	-2643624	9.4	
20	86.063	1431.1	-11.9	14.4	-1	10.8	0.7	-2691196	9.4	
20	85.763	1431	-14.1	11.3	-1.6	10.4	0.7	-2722692	9.8	
20	85.463	1431	-13.6	11.6	-1.5	9.9	0.7	-2733356	9.7	
20	85.163	1430.8	-12.9	12.5	-1.4	9.8	0.7	-2726238	9.7	
20	84.863	1430.9	-14.3	10.9	-1.1	9	0.5	-2712112	9.6	
20	84.563	1430.8	-13.7	11.7	-0.8	8.8	0.2	-2691196	9.4	
20	84.263	1430.9	-14.4	11.1	-0.6	8.9	-0.2	-2660420	9.3	
20	83.963	1430.8	-13.4	12.1	-0.5	8.7	-0.8	-2630340	8.9	
20	83.663	1431.6	-12.7	12.8	0.7	8.1	-1.3	-2604167	8.7	
20	83.363	1432.2	-13.5	11.8	1.6	8.7	-1.9	-2584877	8.6	
20	83.063	1432.3	-13.3	11.9	2	8	-2.6	-2572175	8.4	
20	82.763	1432	-11.8	13.4	2.3	8.2	-3.3	-2553354	8.3	
20	82.463	1431.9	-12.8	11.8	2.6	8.2	-3.8	-2537879	8.3	
20	82.163	1431.8	-12.4	12.3	3	8.1	-4.2	-2522591	8.4	
20	81.863	1432.3	-14	10.8	3.5	7.9	-4.2	-2507486	9.2	
20	81.563	1432.9	-12.9	11.6	4.2	8.4	-3.9	-2498509	9.4	
20	81.263	1433.3	-12.3	12.5	4.3	8.6	-3.8	-2492560	9.6	
20	80.963	1434.1	-13.1	11.6	4.4	8.7	-3.4	-2489596	10.1	
20	80.663	1434.8	-12.1	12	4.6	9.1	-2.9	-2498509	10.1	
20	80.363	1435.2	-10.5	14.3	4.7	9.4	-2.3	-2522591	10	
20	80.063	1435.4	-11.2	14	4.4	9.6	-1.8	-2559597	10	
20	79.763	1435.3	-10.5	12.8	3.8	9.6	-1.3	-2604167	10.1	
20	79.463	1435	-11	12.9	2.8	10	-0.9	-2646966	10.3	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
20	79.163	1434.5	-10.3	11.6	2	9.8	-0.8	-2684295	10.5	
20	78.863	1434.1	-9.8	11.8	1.2	10.5	-0.5	-2708603	11	
20	78.563	1434	-9.9	11.4	0.3	11.3	-0.2	-2722692	11.1	
20	78.263	1433.9	-8.9	10.7	-0.3	11	0	-2722692	11.1	
20	77.963	1433.7	-8.1	11.1	-0.7	11.4	0.2	-2705104	11.2	
20	77.663	1433.8	-8.8	9.3	-0.8	10.4	0.3	-2674011	11.1	
20	77.363	1433.8	-7.6	9	-0.7	12.2	0.4	-2633648	10.9	
20	77.063	1433.9	-7.3	9.7	-0.5	11.9	0.5	-2584877	10.3	
20	76.763	1433.8	-6.2	9.2	-0.3	11	0.5	-2525634	9.4	
20	76.463	1433.5	-6.3	9.2	-0.2	10.9	0.4	-2460341	9.1	
20	76.163	1433.7	-7	7.9	0	9.4	0.3	-2390126	8.5	
20	75.863	1433.6	-5.5	8.3	0	10.2	0.1	-2321231	8	
20	75.563	1433.3	-6	9.8	0	9	-0.2	-2251345	7.8	
20	75.263	1433.1	-4.9	9.4	0.3	10	-0.4	-2185544	7.9	
20	74.963	1432.9	-7.3	6.8	0.6	8.4	-0.5	-2119181	8.9	
20	74.663	1432.9	-6.7	7.9	0.9	8.8	-0.6	-2058752	9.2	
20	74.363	1432.7	-5.2	8.6	1.2	10.4	-0.8	-2007431	9.6	
20	74.063	1432.6	-6.3	7.7	1.6	9.6	-1	-1965963	10.1	
20	73.763	1432.8	-5.8	7.6	1.8	11.8	-1	-1940455	11.1	
20	73.463	1433.1	-6.4	5.5	2.2	11.6	-0.9	-1926174	12	
20	73.163	1433.3	-6.4	7.7	2.5	11.4	-0.9	-1924403	12.3	
20	72.863	1432.5	-5.3	8.3	1.9	14.4	-1.1	-1938658	12.7	
20	72.563	1431.9	-5.9	7	1.5	29.7	-1.3	-1967811	12.8	
20	72.263	1431.4	-5.3	9	0.9	26.9	-1.4	-2011288	12.6	
20	71.963	1430.8	-5.7	8	0.8	17	-1.7	-2064843	12.3	
20	71.663	1430.5	-5.3	9.1	0.8	13.5	-2	-2119181	10.9	
20	71.363	1430.2	-6	7.4	0.7	11.4	-2.2	-2167444	10.3	
20	71.063	1430.1	-6.4	6.3	0.9	10.3	-2.6	-2208598	9.3	
20	70.763	1430.1	-4.9	8.6	1	10.7	-2.7	-2241703	7.9	
20	70.463	1430.2	-9.1	4.2	1.3	7.2	-2.5	-2263514	7.6	
20	70.163	1430.5	-38.3	-26.5	1.6	-5	-2.3	-2270879	6.9	
20	69.863	1430.9	-32.5	-19.7	2	-5	-2.1	-2268419	6.4	
20	69.563	1430.7	-15.5	-3.1	2	-1.3	-2.1	-2258631	6.2	
20	69.263	1430.8	-9.4	4.6	2	4.5	-2	-2246514	6.1	
20	68.963	1430.7	-8.3	4.6	2	6.3	-2	-2239306	6.1	
20	68.663	1430.6	-8.3	4	1.6	6.6	-1.7	-2234526	6.1	
20	68.363	1430.2	-8.9	4.2	1.1	5.4	-1.7	-2227394	6.2	
20	68.063	1430.3	-12.1	0	1.1	6.5	-1.6	-2222665	8	
20	67.763	1430.5	-10.1	0.4	1.2	23.2	-1.7	-2215609	7.9	
20	67.463	1430.6	-9.9	1.3	1.2	21.4	-1.7	-2208598	8.4	
20	67.163	1430.8	-10.3	0.2	1.7	11.8	-1.7	-2203948	8.6	
20	66.863	1431	-10.3	0.7	1.8	9.5	-1.7	-2201631	9	
20	66.563	1431.3	-11	-0.7	2	8.6	-1.7	-2199318	9.5	
20	66.263	1431.2	-11.1	-1.3	2.2	8.8	-1.9	-2199318	9.7	
20	65.963	1431.6	-11.3	-1.4	2.8	9.5	-1.9	-2203948	9.8	
20	65.663	1431.5	-12	-3.1	2.9	10.5	-2.1	-2215609	9.7	
20	65.363	1431.4	-12.5	-4.4	2.6	9.1	-2.1	-2239306	9.8	
20	65.063	1431.2	-13.3	-4.5	2.6	7.4	-2.3	-2275816	9	
20	64.763	1431	-11.4	-3.8	2.2	9.7	-2.4	-2316096	9	
20	64.463	1431.1	-12.1	-4.8	2.3	9.7	-2.4	-2363150	9.2	
20	64.163	1431.2	-11.9	-5.7	2.4	10.6	-2.4	-2423322	9.2	
20	63.863	1431.2	-12.1	-5.8	2.2	10.4	-2.2	-2492560	9.4	
20	63.563	1431.1	-13	-6	1.9	9.8	-2.1	-2562730	9.5	
20	63.263	1431.1	-13.5	-8	1.8	10.2	-2	-2623747	9.7	
20	62.963	1431.3	-13.4	-7.4	2	10.7	-1.8	-2677430	9.9	
20	62.663	1431.3	-13.5	-8.6	2	11.6	-1.7	-2733356	10	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
20	62.363	1431.5	-13.8	-6.5	2.1	10.6	-1.5	-2795394	10.4	
20	62.063	1431.3	-14.9	-8.2	1.9	10.5	-1.5	-2864228	11	
20	61.763	1431.2	-15.6	-10.4	1.8	10.7	-1.6	-2944797	11.6	
20	61.463	1431.1	-15.1	-8.8	1.8	11.4	-1.7	-3034421	11.8	
20	61.163	1431	-15.3	-9.5	2	11.7	-2	-3143769	11.8	
20	60.863	1431	-15.9	-9.5	2	11.3	-2	-3286892	11.7	
20	60.563	1430.8	-15.9	-9.5	1.5	11.6	-2	-3455033	11.7	
20	60.263	1430.8	-17	-11.7	1.5	10.1	-2	-3641305	11.7	
20	59.963	1430.8	-16.6	-10.7	1.4	10.9	-1.9	-3848806	11.5	
20	59.663	1430.7	-16.6	-11.3	1.3	10.5	-1.7	-4081384	11.2	
20	59.363	1430.8	-17.4	-11.7	1.2	11	-1.4	-4371086	10.9	
20	59.063	1430.7	-17.2	-11.9	1	10.7	-1.1	-4715653	10.7	
20	58.763	1430.9	-17.4	-11.4	0.9	9.9	-0.7	-5131741	10.1	
20	58.463	1431	-17.6	-11.2	0.8	10.1	-0.5	-5583334	9.8	
20	58.163	1431.3	-18.2	-13.3	0.8	9.1	-0.2	-6104228	9.6	
20	57.863	1431.2	-17.3	-8.2	0.5	10	-0.1	-6667994	9.5	
20	57.563	1431	-18.2	20.1	0	8.9	0	-7295296	9.6	
20	57.263	1430.9	-17	15.5	-0.4	10.3	0.2	-7991412	9.7	
20	56.963	1430.8	-19.5	-4	-0.9	8.4	0.4	-8687760	10.6	
20	56.663	1430.5	-19.3	-9.9	-1.5	9.1	0.4	-9389014	11.2	
20	56.363	1430.4	-19.1	-10.8	-1.7	9.2	0.4	-1E+07	12	
20	56.063	1430.4	-19.8	-11.5	-1.9	9.8	0.5	-1.1E+07	12.8	
20	55.763	1430.6	-19.5	-10.6	-1.9	10.8	0.6	-1.2E+07	13.2	
20	55.463	1430.9	-18.5	-6.4	-1.7	10.6	0.8	-1.4E+07	13.3	
20	55.163	1431.2	-18.3	-8.2	-1.6	12	1.1	-1.6E+07	13.6	
20	54.863	1431.5	-18.6	-8.7	-1.2	10.1	1.1	-2E+07	13.2	
20	54.563	1431.8	-17.1	-6.8	-0.8	12.2	1.2		12.7	
20	54.263	1432.4	-17.2	-6.9	-0.2	12.1	1.4		12	
20	53.963	1432.6	-15.3	-4.3	0.1	12.2	1.4		11	
20	53.663	1432.7	-16	-4.9	0.4	10.8	1.3		10.5	
20	53.363	1432.6	-15.9	-4.6	0.6	10.4	1		9.9	
20	53.063	1432.5	-14.4	-2.4	0.6	10.2	0.7		9.1	
20	52.763	1432.3	-15.2	-2.7	0.6	9.3	0.5		9.4	
20	52.463	1432.2	-14.1	-0.8	0.5	9.9	0.4	16617064	8.8	
20	52.163	1432	-13.6	-2.2	0.3	9.6	0.4	12612952	8.9	
20	51.863	1431.9	-15.3	-3.2	0	8.3	0.3	9970238	9	
20	51.563	1431.7	-13.9	-2	-0.1	7.9	0.1	8146887	8.7	
20	51.263	1431.6	-12.8	-0.7	-0.3	9.8	0.2	6864754	8.8	
20	50.963	1431.4	-13.4	-0.4	-0.6	8.4	0.3	5881320	8.7	
20	50.663	1431.4	-12.5	1	-0.6	8.2	0.4	5144349	8.1	
20	50.363	1431.2	-11.8	1.6	-0.9	8.8	0.6	4621965	7.8	
20	50.063	1431.2	-11.7	1.8	-0.9	7.1	0.8	4221271	7.2	
20	49.763	1430.8	-11.4	2.4	-1.3	7.5	1	3920881	7.1	
20	49.463	1430.8	-12	2.9	-1.5	7.5	1.3	3699205	7	
20	49.163	1430.7	-10.8	4.8	-1.7	8.4	1.5	3536740	7.1	
20	48.863	1430.7	-11.5	3.6	-1.8	7	1.6	3421161	7.4	
20	48.563	1430.8	-10.2	5.1	-1.6	7.7	1.6	3355369	6.9	
20	48.263	1430.7	-10.7	5.2	-1.8	7.5	1.5	3307662	7.3	
20	47.963	1430.7	-10.3	5.6	-1.5	7.5	1.3	3281740	7.6	
20	47.663	1430.4	-9.1	7.9	-1.5	8.5	1	3261293	8	
20	47.363	1430.2	-10	6.6	-1.3	8.4	0.8	3246125	8.9	
20	47.063	1430	-9.7	6.9	-0.9	9.2	0.4	3236090	9.2	
20	46.763	1430.1	-10.2	7.2	-0.5	8.1	0.1	3221154	9.9	
20	46.463	1430.3	-9.4	7.8	-0.2	9.7	0	3196565	10.5	
20	46.163	1430.3	-8.6	8.8	0	9.9	-0.1	3162765	10.6	
20	45.863	1430.5	-9.3	8.3	0.1	9.6	-0.1	3125000	11.1	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
20	45.563	1430.7	-8.6	9.6	0.1	10.3	0	3097264	11.2	
20	45.263	1430.6	-7.4	9.9	0.1	10.4	-0.1	3083579	11.4	
20	44.963	1430.5	-7.6	10.6	0.1	11.1	-0.1	3088127	11.6	
20	44.663	1430.3	-7.3	9.7	-0.2	11.5	-0.1	3101852	11.7	
20	44.363	1430.3	-5.9	13.6	-0.6	12.4	0.1	3134357	11.5	
20	44.063	1430.2	-5.6	13.7	-1.1	12.4	0.3	3191693	11.5	
20	43.763	1430.1	-5.5	13.6	-1.4	11.5	0.5	3266381	11.1	
20	43.463	1430.2	-4.9	14.9	-1.6	12.4	0.8	3344649	10.9	
20	43.163	1430.4	-5	14.5	-1.9	12	1.1	3415580	10.6	
20	42.863	1430.8	-3.7	14.8	-1.9	12	1.6	3483777	10.3	
20	42.563	1430.8	-4.1	14.2	-2.2	11.5	2	3542725	10.4	
20	42.263	1431.2	-4.4	14.2	-2.1	10.9	2.5	3597509	10	
20	41.963	1431.5	-3.4	13.7	-2.2	10.4	2.9	3641305	9.5	
20	41.663	1431.7	-3.6	13.6	-2.1	10.4	3.1	3666813	9.2	
20	41.363	1431.7	-3.2	12.1	-2.1	10.1	3.1	3660403	8.8	
20	41.063	1431.5	-3.4	12.6	-2.3	9.8	3.1	3641305	9	
20	40.763	1431.7	-4.2	11.7	-2.3	9.2	3.1	3616149	9	
20	40.463	1431.6	-3.3	11.1	-2.1	8.9	2.6	3572953	8.8	
20	40.163	1431.5	-2.7	12.5	-1.8	10	2.3	3524832	9	
20	39.863	1431.4	-3.2	10.9	-1.6	9.6	1.9	3483777	8.8	
20	39.563	1431.3	-2.7	10.9	-1.5	10.2	1.5	3449341	9	
20	39.263	1431.3	-4	11.3	-1.4	9.7	1.2	3438014	9.6	
20	38.963	1431.4	-3.5	10.4	-1.1	9.9	0.9	3443668	9.8	
20	38.663	1431.1	-3.5	9.3	-1.1	10.9	0.5	3460744	10.6	
20	38.363	1431.4	-3.9	9.5	-1	10.9	0.4	3489584	10.8	
20	38.063	1431.3	-3.1	9.4	-1	11.9	0.3	3518908	11	
20	37.763	1431.3	-3.3	8.5	-1	11.8	0.3	3548729	11.4	
20	37.463	1431	-3.7	8	-1.4	11.9	0.3	3566866	11.6	
20	37.163	1431	-4.5	6.9	-1.4	11	0.4	3585189	11.9	
20	36.863	1431.3	-4.5	7.5	-1.4	12.2	0.7	3585189	11.8	
20	36.563	1431.5	-4	6.8	-1.3	11.9	0.9	3579060	11.3	
20	36.263	1431.8	-4.1	7.4	-0.8	11.5	1.1	3572953	10.7	
20	35.963	1432.3	-3.8	6.4	-0.7	11.2	1.3	3572953	9.7	
20	35.663	1432.4	-4.7	6	-0.3	9.2	1.2	3572953	9	
20	35.363	1432.6	-4.7	5.6	0.1	9	1.1	3579060	8.5	
20	35.063	1432.8	-4.7	4.4	0.5	9	1	3579060	7.7	
20	34.763	1432.7	-4.4	5.6	0.7	8.9	0.8	3566866	6.9	
20	34.463	1432.7	-5.9	3.8	0.8	7.1	0.5	3542725	6.4	
20	34.163	1432.4	-5.7	4.5	0.7	6.7	0.2	3513004	6.2	
20	33.863	1432	-6.3	3.1	0.6	6.7	-0.1	3477990	6.2	
20	33.563	1431.9	-6.6	2	0.2	6.4	-0.2	3432378	6.1	
20	33.263	1431.8	-6.7	2.6	0.1	6.6	-0.3	3387945	6.2	
20	32.963	1431.5	-7.2	1.4	-0.2	7	-0.5	3350000	6.5	
20	32.663	1431.5	-8.4	-1	-0.4	6	-0.5	3328697	7.2	
20	32.363	1431.4	-8.2	-0.6	-0.5	7.1	-0.5	3323413	7.9	
20	32.063	1431.6	-8.6	-1.3	-0.7	7.7	-0.3	3355369	8.1	
20	31.763	1431.5	-8.4	-2.5	-0.8	8.1	-0.1	3421161	8.3	
20	31.463	1431.3	-9.4	-3.8	-1.1	8.2	0.2	3536740	8.9	
20	31.163	1431.5	-10	-4.5	-1.2	7.8	0.5	3699205	9	
20	30.863	1431.5	-9.6	-4.7	-1.4	9	0.7	3928237	9.5	
20	30.563	1431.8	-10.6	-5.6	-1.6	8.6	1.1	4238361	9.7	
20	30.263	1432.1	-9.6	-5.9	-1.8	9.9	1.4	4611784	9.5	
20	29.963	1432.2	-10.3	-6.2	-1.9	9.8	1.5	5081918	9.8	
20	29.663	1432.5	-10.5	-6.1	-1.9	9.6	1.6	5613271	10	
20	29.363	1432.4	-10.7	-7.3	-2	9.4	1.5	6194527	10.2	
20	29.063	1432.4	-11	-7.4	-1.7	10.3	1.4	6820033	10.5	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
20	28.763	1432.6	-11	-7.8	-1.5	10.3	1.3	7398410	10.5	
20	28.463	1432.7	-11.4	-8	-1.1	10.4	1.1	7871241	10.9	
20	28.163	1433.1	-11.8	-7.6	-0.6	10.6	1	8275692	11.3	
20	27.863	1433.4	-11.6	-8.3	0	10.4	0.8	8580943	11.8	
20	27.563	1433.8	-12.5	-9.8	0.5	10.2	0.7	8834388	12.3	
20	27.263	1434.1	-11.7	-8.5	0.9	10.2	0.5	8986052	12.4	
20	26.963	1434.3	-11.4	-8.7	1.3	10.9	0.4	9103261	12.9	
20	26.663	1434.1	-12.1	-8.1	1.3	10.2	0.2	9305556	13.3	
20	26.363	1434	-11.6	-8.1	1.2	10.4	0.1	9560502	13.4	
20	26.063	1433.8	-12.1	-8.6	1.1	10.2	-0.1	9829812	13.6	
20	25.763	1433.5	-11.5	-7.6	0.6	10.9	-0.1	10163835	13.5	
20	25.463	1433.1	-10.7	-7.6	0	11.3	-0.1	10365099	13.4	
20	25.163	1432.9	-10.4	-7.1	-0.5	11.7	-0.1	10416667	12.9	
20	24.863	1432.9	-8.4	-4.7	-0.9	11.6	0.1	10365099	11.7	
20	24.563	1432.7	-8	-3.5	-1.4	11.2	0.3	10114734	11	
20	24.263	1432.8	-7.1	-2.6	-1.6	11.2	0.6	9693287	9.6	
20	23.963	1432.8	-6.2	-2.2	-1.7	10.5	0.9	9143013	8.7	
20	23.663	1432.9	-5.9	-1.8	-1.7	10.9	1.3	8511179	8.2	
20	23.363	1433	-5.9	-2.1	-1.6	9.6	1.6	7930871	7.6	
20	23.063	1432.9	-5.6	-0.9	-1.4	9.4	1.8	7372359	7.4	
20	22.763	1433.2	-5.9	-1.2	-1	9.5	2	6797890	7.1	
20	22.463	1433.4	-5	-0.3	-0.6	8.1	2.1	6287538	6.5	
20	22.163	1433.4	-5	-0.6	-0.2	8.4	1.9	5815972	6.2	
20	21.863	1433.5	-5.2	0.7	0.1	7.4	1.7	5424223	6	
20	21.563	1433.2	-4.3	1.4	0.4	7.6	1.1	5094283	6	
20	21.263	1432.9	-5.1	1.2	0.6	7.3	0.5	4824309	6	
20	20.963	1432.5	-4.2	2.4	0.9	8.4	-0.2	4601649	6	
20	20.663	1432	-4.4	2.3	1.1	9.3	-0.8	4417194	6.7	
20	20.363	1431.6	-6.2	1	0.9	7.9	-1.4	4281698	7.4	
20	20.063	1430.9	-4.8	3.6	0.7	9.2	-1.9	4187500	8.1	
20	19.763	1430.8	-6.4	1.8	0.7	9.1	-2	4121555	9.1	
20	19.463	1430.7	-6	2.6	0.5	10.5	-2	4081384	9.6	
20	19.163	1430.5	-5.6	2.8	0.4	11	-1.9	4057655	10.4	
20	18.863	1430.8	-6.8	2.6	0.4	11.2	-1.5	4057655	11.1	
20	18.563	1430.6	-7.2	2.8	0	10.9	-1.2	4081384	12.3	
20	18.263	1430.6	-8.4	1.2	0	11	-0.9	4129685	12.9	
20	17.963	1430.9	-7.4	3.2	0.1	12.3	-0.6	4195892	12.5	
20	17.663	1430.7	-6.7	2.9	0.1	11.7	-0.4	4281698	12.3	
20	17.363	1430.8	-7.8	2.5	0.1	11.9	-0.1	4389413	12.1	
20	17.063	1430.8	-8.5	2	-0.1	10.6	0.1	4493026	11.8	
20	16.763	1430.8	-8.2	2.5	-0.1	10.3	0.2	4611784	11.7	
20	16.463	1430.9	-8.6	2.4	-0.2	9.7	0.3	4715653	10.8	
20	16.163	1431.1	-7.3	3.7	-0.1	10.3	0.5	4813219	10.2	
20	15.863	1431	-8.5	2.9	-0.3	9.9	0.6	4891940	9.9	
20	15.563	1431.2	-8.2	3.6	-0.4	8.6	0.8	4985119	9.4	
20	15.263	1431.1	-7.4	4.2	-0.7	8.8	1	5081918	9.2	
20	14.963	1430.9	-8.7	3.8	-1.1	9	1.1	5208334	9.7	
20	14.663	1430.8	-8.7	3	-1.5	9	1.3	5396263	9.9	
20	14.363	1430.8	-8	3.4	-1.7	9.8	1.4	5643531	10	
20	14.063	1430.8	-8.2	3.9	-2	9.3	1.5	5982143	9.7	
20	13.763	1430.8	-7.5	4.1	-2.2	8.9	1.6	6442308	9.8	
20	13.463	1430.8	-8.5	3.6	-2.1	9	1.6	7049664	9.7	
20	13.163	1430.8	-7.3	4.2	-2.4	10.2	1.7	7900944	9.6	
20	12.863	1430.9	-7.2	3.5	-2.3	9.7	1.9	9024785	9.7	
20	12.563	1431.1	-8.2	2.2	-2.2	10.2	2	10574495	9.6	
20	12.263	1431.3	-7	1.4	-2.2	10	2.2	12766768	9.5	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
20	11.963	1431.4	-7.4	0.6	-2.3	10	2.3	15509259	9.4	
20	11.663	1431.7	-7	0.1	-2.3	9.4	2.4	18694197	8.8	
20	11.363	1431.7	-5.9	0.3	-2.4	9.7	2.5		8.5	
20	11.063	1431.7	-7.2	-1.3	-2.6	9.3	2.6		8.4	
20	10.763	1431.7	-7.7	-1.8	-2.6	7.6	2.6	19567757	8.2	
20	10.463	1431.5	-6.9	-1.3	-2.9	8.5	2.6	16357422	8.7	
20	10.163	1431.8	-8.8	-2.9	-2.6	7.3	2.5	13085938	8.5	
20	9.863	1431.8	-6.3	-1.3	-2.4	9	2.3	10468750	8.4	
20	9.563	1432.1	-7.9	-2.9	-2	7.9	2.1	8651860	8.4	
20	9.263	1432.4	-7	-1.8	-1.5	8.2	1.8	7372359	8.2	
20	8.963	1432.4	-6.7	-2.4	-1.2	7.9	1.4	6482198	8.4	
20	8.663	1432.6	-7.6	-2.5	-0.6	8.2	1	5897888	8.4	
20	8.363	1432.7	-6.9	-2.7	0	9.2	0.5	5495407	8.4	
20	8.063	1432.8	-6.2	-1.8	0.5	9.4	0.2	5234375	8.9	
20	7.763	1432.8	-7	-0.8	0.7	10.2	-0.2	5069613	9	
20	7.463	1432.6	-6.8	-2	0.9	8.8	-0.5	4961493	9.3	
20	7.163	1432.5	-7.5	-1.1	0.9	9.7	-0.6	4903396	10	
20	6.863	1432.6	-7	-1	1.1	9.9	-0.8	4880536	10.3	
20	6.563	1432.7	-6.4	-0.8	1.4	10.5	-0.8	4857889	10.9	
20	6.263	1432.7	-7.6	-0.8	1.5	10.5	-0.8	4835451	11.4	
20	5.963	1432.8	-7.7	-0.5	1.5	9.9	-0.8	4835451	11.5	
20	5.663	1432.7	-6.5	1.9	1.6	10.9	-0.9	4824309	11.8	
20	5.363	1432.8	-7.5	-0.1	1.6	10	-0.9	4813219	11.8	
20	5.063	1432.5	-6.2	0.5	1.6	11	-1.1	4824309	11.7	
20	4.763	1432.2	-6.4	1.4	1.7	10.7	-1.3	4846644	11.5	
20	4.463	1432.1	-6.2	2.3	1.6	10.5	-1.4	4903396	10.8	
20	4.163	1431.7	-5.2	3	1.4	9.9	-1.5	4985119	10.3	
20	3.863	1431.5	-5.7	2.9	1.3	10.1	-1.6	5081918	9.8	
20	3.563	1431.5	-5.3	2	1	10.4	-1.5	5221322	9.1	
20	3.263	1431.3	-5	3.5	0.8	9.6	-1.6	5368590	8.8	
20	2.963	1431.4	-4.3	3.9	0.7	10.6	-1.5	5568484	8.6	
20	2.663	1431.4	-4.3	3.1	0.4	9.5	-1.4	5848464	8.3	
20	2.363	1431.2	-3.7	5	0.1	10.8	-1.3	6158088	9	
20	2.063	1431.2	-4.8	3.9	-0.3	10	-1	6542969	9.4	
20	1.763	1431	-3.1	4.9	-0.7	11.6	-0.6	6979167	9.6	
20	1.463	1431	-4.4	3.8	-0.9	11.5	-0.2	7451068	10.3	
20	1.163	1431.2	-5.4	2.1	-1.1	10.8	0.3	7961027	10.5	
20	0.863	1431.4	-5	3.5	-1.2	11.4	0.8	8511179	10.9	
20	0.563	1431.7	-5.2	2.1	-1.3	11.5	1.3	9103261	10.7	
20	0.263	1432.4	-4.7	2.5	-1.2	11.6	1.8	9738372	10.1	
19	999.963	1432.7	-4.5	3.7	-1.1	11.2	2.1	10416667	9.6	
19	999.663	1432.9	-4.7	2.3	-1	10.6	2.2	11019737	9.1	
19	999.363	1432.9	-5	2.4	-0.9	9.1	2.2	11567680	8.8	
19	999.063	1432.7	-5.4	1.6	-0.9	9.4	2	11964286	8.6	
19	998.763	1432.5	-6	-0.1	-0.9	8.8	1.7	12172965	8.2	
19	998.463	1432.4	-5.9	1.3	-0.8	9	1.4	12102601	8.2	
19	998.163	1432	-7.6	0.1	-1.1	8	1	11762641	8.8	
19	997.863	1432.1	-8.1	-1.2	-1.2	7.6	0.7	11317568	9.9	
19	997.563	1432.1	-8.4	0.4	-1.3	8.3	0.5	10737180	10.7	
19	997.263	1432.2	-7.5	-1.2	-1.3	9.5	0.4	10114734	11.1	
19	996.963	1432.2	-7.5	0.4	-1.2	9.9	0.3	9604358	11.8	
19	996.663	1432.2	-8	-1	-1.3	10.5	0.4	9103261	12.3	
19	996.363	1432.1	-7.7	-1	-1.4	11.2	0.5	8760460	12.6	
19	996.063	1432.1	-8.5	-0.9	-1.2	10.7	0.5	8580943	13.1	
19	995.763	1432.5	-8.5	-1.6	-0.8	11.1	0.7	8580943	12.8	
19	995.463	1432.8	-7	-0.8	-0.5	12.4	0.9	8760460	12.3	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
19	995.163	1433.1	-7.5	-0.5	-0.1	11.6	0.9	9103261	12.1	
19	994.863	1433.3	-7.1	-0.3	-0.1	10.6	0.9	9604358	11.1	
19	994.563	1433.3	-6.2	1.3	0.1	10.6	0.8	10416667	10.5	
19	994.263	1433.4	-6.9	0.1	0.4	10.2	0.7	11567680	10.2	
19	993.963	1433.5	-6.5	-0.1	0.4	10.2	0.7	13251582	9.8	
19	993.663	1433.3	-6.3	1.3	0.3	10.1	0.5	15395221	9.5	
19	993.363	1433.2	-6	1.7	-0.1	10.2	0.5	18049569	9.2	
19	993.063	1432.8	-6.1	0.4	-0.3	9	0.3		8.9	
19	992.763	1432.6	-5.5	2	-0.4	9.7	0.1		8.7	
19	992.463	1432.7	-5.6	0.6	-0.5	9.5	0.2		8.4	
19	992.163	1432.6	-5.1	1.3	-0.6	9.2	0.2		8.3	
19	991.863	1432.5	-5.7	0.5	-0.8	9.6	0.3	19208716	8.4	
19	991.563	1432.7	-6.2	-1	-0.8	8.6	0.5	16230620	8.2	
19	991.263	1432.9	-5.3	0.4	-0.5	9.4	0.7	13595779	8	
19	990.963	1433.1	-5.5	-0.2	-0.6	9.1	0.9	11504121	7.9	
19	990.663	1432.9	-5.5	-0.5	-0.6	8.6	1	9970238	7.5	
19	990.363	1432.8	-5.4	-1.1	-0.6	8.3	1.1	8797269	7.5	
19	990.063	1432.7	-6.2	-1.9	-0.8	7.7	1.1	7900944	7.4	
19	989.763	1432.7	-5.7	-2	-0.9	7.9	1.2	7195017	7.8	
19	989.463	1432.5	-6.8	-2	-0.9	7.2	1.2	6625791	8.3	
19	989.163	1432.4	-6.6	-3.5	-1.1	8.5	1.2	6158088	8.6	
19	988.863	1432.2	-7	-2.6	-1.5	8.5	1.1	5767907	9.5	
19	988.563	1432.3	-7.3	-1.9	-1.6	9.2	1.1	5438312	10.3	
19	988.263	1432.2	-7.1	-2.1	-1.7	10.4	1	5157020	10.8	
19	987.963	1432.1	-6.9	-1.7	-1.6	11	0.9	4926471	12	
19	987.663	1432.1	-7.3	-2.6	-1.7	11.8	0.8	4736991	12.9	
19	987.363	1432.2	-6.5	-2	-1.7	13.1	0.7	4591557	13.6	
19	987.063	1431.9	-5.6	-0.9	-1.6	14.5	0.5	4493026	14	
19	986.763	1432	-6.7	-1.7	-1.4	13.2	0.4	4426533	14.1	
19	986.463	1432.3	-6.6	-1.2	-0.6	13.3	0.1	4398635	14.2	
19	986.163	1432.5	-6.8	-0.8	0.1	13.4	-0.3	4398635	14.2	
19	985.863	1432.9	-7.9	-2	1.1	12.1	-0.8	4407895	14.2	
19	985.563	1432.9	-6.3	1.3	1.8	13.7	-1.4	4454788	14.2	
19	985.263	1433.3	-6.2	1.9	2.7	13.7	-1.8	4522139	14.1	
19	984.963	1433.6	-6.3	2.1	3.5	13	-2.3	4581510	13.6	
19	984.663	1433.5	-5.4	2.1	4.2	12.5	-3	4632191	13.1	
19	984.363	1433.5	-4.9	2.6	4.6	13	-3.4	4673549	12.3	
19	984.063	1433.3	-4.3	3.7	4.6	12.8	-3.8	4726298	11.4	
19	983.763	1433.1	-4.7	3	4.4	12.1	-3.8	4813219	10.7	
19	983.463	1433	-4.5	4	4	12.3	-3.5	4903396	10.1	
19	983.163	1433	-4.7	3.8	3.7	11	-3	5033053	9.5	
19	982.863	1432.7	-4.2	2.8	2.8	10.3	-2.5	5208334	9.2	
19	982.563	1432.6	-4.9	2.6	1.7	9.5	-1.7	5438312	8.5	
19	982.263	1432.6	-4	3.1	0.7	9.9	-0.7	5767907	7.8	
19	981.963	1432.7	-4.6	1.6	-0.4	8.2	0.4	6194527	7.1	
19	981.663	1432.7	-4.8	2.1	-1.5	7	1.4	6775890	6	
19	981.363	1432.4	-5.4	1.1	-2.7	5.5	2.3	7531475	5.1	
19	981.063	1432.1	-5.5	0.8	-3.8	5.2	3.1	8511179	5	
19	980.763	1431.8	-6.2	-0.2	-4.8	3.8	3.6	9783879	3.7	
19	980.463	1431.6	-4.4	1.7	-5.3	3.9	4.1	11379076	2.9	
19	980.163	1431.5	-5.5	0	-5.8	3.7	4.5	13595779	2.6	
19	979.863	1431.6	-6.7	-1.1	-6.1	2.5	4.7	16750000	2.5	
19	979.563	1431.9	-6.6	-1.5	-5.9	2.3	4.7		2.8	
19	979.263	1432.3	-7.2	-1.5	-5.5	2.2	4.6		3.2	
19	978.963	1432.6	-6.9	-0.7	-4.8	3.1	4.3		3.5	
19	978.663	1432.6	-6.9	-1.6	-4.1	4.4	3.9		4.7	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
19	978.363	1433	-8	-2.5	-3.4	4.1	3.5		5.2	
19	978.063	1432.9	-6.6	-1.1	-2.8	4.4	2.9		5.7	
19	977.763	1433.1	-8.3	-2.9	-2.1	4.9	2.4		7.2	
19	977.463	1433.4	-9.3	-3.1	-1.6	5.7	1.9	-1.9E+07	8.1	
19	977.163	1433.6	-7.6	-1.9	-1.3	7.5	1.4	-1.6E+07	9	
19	976.863	1433.7	-7.5	-0.7	-1	9	1	-1.5E+07	9.9	
19	976.563	1433.7	-7.5	-0.9	-0.9	9.3	0.7	-1.6E+07	10.7	
19	976.263	1433.6	-7.7	-0.7	-0.8	9.8	0.5	-1.8E+07	11.5	
19	975.963	1434	-7.6	-0.3	-0.4	11	0.4		11.7	
19	975.663	1434	-6.2	0.9	0.1	11.8	0.2		11.8	
19	975.363	1434.1	-6.4	0.5	0.4	12.7	0.2		12.1	
19	975.063	1434.6	-7.1	0.2	1	13	0.3		11.9	
19	974.763	1435	-5.6	0.9	1.4	13.4	0.4	14340754	11.9	
19	974.463	1435.2	-5.9	-0.3	1.6	13.1	0.4	9103261	11.8	
19	974.163	1435.3	-5.3	1.4	2	13.7	0.2	6604890	11.6	
19	973.863	1435.1	-5.1	1.5	2.3	14	-0.1	5144349	11.5	
19	973.563	1434.9	-5.7	1.1	2.1	13.7	-0.3	4246958	11.5	
19	973.263	1434.5	-5.7	2.2	1.9	12.9	-0.6	3660403	11.3	
19	972.963	1433.9	-5.7	0.6	1.7	12.8	-1.1	3261293	11.3	
19	972.663	1433.3	-7	-0.8	1.4	12.1	-1.6	2982550	11.3	
19	972.363	1432.9	-6.6	-0.3	1.2	11.9	-2	2791667	11.4	
19	972.063	1432.7	-6.9	-1.5	1.2	12	-2.3	2663805	11.5	
19	971.763	1432.4	-7.3	-2.4	1.2	11.5	-2.6	2591275	11.5	
19	971.463	1432.2	-7.5	-3.2	1.2	11.2	-2.6	2559597	11.8	
19	971.163	1432.3	-8.2	-3.5	1.4	11.6	-2.5	2559597	12	
19	970.863	1432.4	-8.4	-3.9	1.6	10.9	-2.3	2591275	11.8	
19	970.563	1432.6	-8	-3.3	1.8	11.3	-2	2643624	11.6	
19	970.263	1432.5	-8.5	-4.3	2	11.3	-1.9	2722692	11.5	
19	969.963	1432.4	-8.6	-3.7	1.9	10.5	-1.8	2825574	11.1	
19	969.663	1432.4	-8.8	-4.8	2	10.3	-1.8	2948944	11	
19	969.363	1432.4	-9.3	-4.7	2.1	9.2	-1.8	3092689	10.3	
19	969.063	1432.1	-8.8	-4	2	9.4	-2	3246125	9.8	
19	968.763	1431.9	-9.9	-4.5	1.8	8.5	-2.1	3421161	9.6	
19	968.463	1431.8	-9.2	-3.7	1.5	8.8	-2.1	3628683	9.2	
19	968.163	1431.6	-9.7	-3.5	1	8.2	-2.1	3877315	9.2	
19	967.863	1431.6	-9.5	-5.1	0.8	8.5	-1.9	4162525	9	
19	967.563	1431.8	-9.3	-3.8	0.6	8.6	-1.5	4502689	8.8	
19	967.263	1431.8	-9.3	-2.6	0	8.8	-0.9	4914906	8.8	
19	966.963	1431.9	-9.2	-2.6	-0.6	8.3	-0.2	5424223	8.7	
19	966.663	1432	-9.2	-2	-1.2	8	0.7	6068841	8.7	
19	966.363	1432.2	-9.4	-2.5	-1.8	8.5	1.5	6910066	8.9	
19	966.063	1432.4	-9.3	-2.4	-2.3	8.7	2.4	7930871	8.8	
19	965.763	1432.7	-9.3	-1.3	-2.8	8.9	3.3	9143013	8.8	
19	965.463	1432.8	-9.5	-2.9	-3.6	9.2	4.1	10468750	9	
19	965.163	1432.9	-9.6	-1.3	-4.3	8.9	4.8	12033046	9.1	
19	964.863	1433	-9.8	-0.5	-4.7	9.5	5.3	13865894	9.7	
19	964.563	1433	-8.3	-0.7	-5.1	10.4	5.4	15861743	9.1	
19	964.263	1433	-8.1	-0.6	-5.1	10.1	5.3	17895299	8.6	
19	963.963	1433	-8.1	-0.6	-5	10.4	5.2	19034091	8.6	
19	963.663	1432.9	-9.1	-1.4	-4.9	9.5	4.8	19208716	8.6	
19	963.363	1432.8	-9	-1.4	-4.6	9.2	4.4	18528761	8.8	
19	963.063	1433	-9.8	-3.6	-4	9	4	17022358	8.9	
19	962.763	1433	-9.4	-3	-3.6	9.6	3.5	14955357	8.9	
19	962.463	1433.1	-9.8	-2.7	-3.1	9.1	3.1	12612952	9.3	
19	962.163	1433.5	-9.9	-4.3	-2.5	8.8	2.9	10574495	9.4	
19	961.863	1433.6	-10	-4.1	-2.1	8.5	2.6	8909575	9.3	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
19	961.563	1433.4	-10.3	-5	-2.1	8.4	2.4	7586051	9.8	
19	961.263	1433.6	-10.7	-5.6	-1.9	9	2.3	6604890	9.7	
19	960.963	1433.3	-9.5	-3.8	-1.7	9.9	2.1	5848464	9.6	
19	960.663	1433.2	-10.2	-4.5	-1.5	9.5	2	5260679	9.5	
19	960.363	1433.2	-10.6	-4.9	-1.1	8.8	1.8	4813219	9.1	
19	960.063	1433.2	-9.4	-2.4	-0.8	10.1	1.7	4435911	8.9	
19	959.763	1433.2	-10.2	-3.6	-0.7	9.7	1.6	4121555	8.7	
19	959.463	1433.2	-10.3	-3.4	-0.5	9.3	1.4	3855894	8.4	
19	959.163	1433.3	-9.6	-2.3	-0.3	9.9	1.4	3622405	8.6	
19	958.863	1433.4	-11	-3.5	0.2	9	1	3404472	8.8	
19	958.563	1433	-10.5	-2.3	0.4	8.9	0.4	3206356	9	
19	958.263	1432.5	-10.6	-2.2	0.5	10	-0.2	3030029	9.9	
19	957.963	1432	-11.2	-3.2	0.3	10.4	-0.8	2868151	10.3	
19	957.663	1431.6	-11.4	-2.9	0.5	10	-1.4	2722692	11.1	
19	957.363	1431.1	-12.5	-3.9	0.5	10.2	-2	2594486	12	
19	957.063	1431.1	-12.4	-3.6	1	10.7	-2.6	2489596	12.3	
19	956.763	1431	-11.4	-2.1	1.4	11.4	-3.1	2403847	12.6	
19	956.463	1430.9	-11.7	-2.9	1.6	12.8	-3.5	2344626	12.7	
19	956.163	1431.1	-11.3	-1.4	1.9	12.7	-3.4	2308435	12.8	
19	955.863	1431.3	-11.2	-2	2.1	13.2	-3.1	2303356	12.9	
19	955.563	1431.7	-12	-2.3	2.4	12.4	-2.7	2331571	12.5	
19	955.263	1431.8	-11.1	-1.6	2.5	12.8	-2.4	2395596	11.9	
19	954.963	1431.9	-11.3	-2	2.5	12.7	-2	2501494	11.5	
19	954.663	1432.2	-11.2	-1.9	2.3	12.2	-1.5	2646966	10.5	
19	954.363	1432.1	-10.7	-1.5	1.9	11.2	-1.1	2837060	10.1	
19	954.063	1432.3	-12.5	-3.3	1.7	9.6	-0.5	3070015	9.6	
19	953.763	1432.2	-11.8	-2.4	1.3	9.6	-0.2	3360755	9.1	
19	953.463	1432	-12.4	-3.1	0.8	8.1	0.1	3699205	8.7	
19	953.163	1432	-12.5	-3.2	0.2	8.9	0.4	4089356	8.5	
19	952.863	1431.8	-12.6	-3.1	-0.2	7.9	0.6	4522139	8.3	
19	952.563	1431.7	-12.4	-2.8	-0.9	8.4	1	4997017	8.4	
19	952.263	1431.8	-13.5	-3.7	-1.4	7.3	1.2	5509869	8.2	
19	951.963	1431.5	-12.2	-3.9	-1.9	7.7	1.4	6104228	8.3	
19	951.663	1431.3	-13.4	-5.3	-2.5	8	1.5	6754032	8.6	
19	951.363	1431.1	-13.3	-5.2	-2.7	7.5	1.5	7451068	8.6	
19	951.063	1430.9	-12.4	-3.3	-2.8	9	1.6	8178711	9	
19	950.763	1431.1	-13.7	-4.7	-2.8	8.3	1.7	8909575	9.4	
19	950.463	1431.1	-13.3	-3.5	-2.6	8.6	1.7	9648618	9.7	
19	950.163	1431.3	-13.6	-4.2	-2.5	8.8	1.8	10314040	10.2	
19	949.863	1431.8	-13.9	-4.1	-2.2	9.1	1.8	10962042	10.3	
19	949.563	1432	-12.4	-2.5	-1.9	9.4	1.7	11631945	10.2	
19	949.263	1432.2	-13	-3	-1.8	9.7	1.7	12244152	10.5	
19	948.963	1432.3	-12.5	-2.2	-1.9	10.2	1.7	12924383	10.6	
19	948.663	1432.3	-12.4	-1.7	-2	9.8	1.7	13335987	10.9	
19	948.363	1432.3	-12.7	-3.2	-2.2	10.5	1.7	13335987	11.1	
19	948.063	1432.2	-11.7	-1.5	-2.4	11.4	1.8	12845092	11.2	
19	947.763	1432.2	-11.9	-1.3	-2.7	11.9	2	12033046	11.4	
19	947.463	1432.6	-11.9	-2.5	-2.8	11.8	2.3	10962042	11.4	
19	947.163	1432.8	-10.9	-0.7	-2.9	12.2	2.5	9738372	11.3	
19	946.863	1433.4	-11.1	-0.8	-2.5	12.4	2.8	8511179	11.3	
19	946.563	1433.9	-10.9	-1.3	-2.1	12.7	2.9	7372359	11.1	
19	946.263	1434.3	-10.2	0.8	-1.5	12.6	2.9	6402905	11	
19	945.963	1434.4	-10.5	0	-1.1	12.7	2.6	5658784	10.7	
19	945.663	1434.6	-10.6	0	-0.4	11.2	2.2	5094283	10.3	
19	945.363	1434.5	-11.1	0.1	0	10.4	1.7	4663141	9.9	
19	945.063	1434.4	-10.6	0.8	0.4	10.6	1.1	4325930	9.4	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
19	944.763	1434.3	-11.2	1.3	0.7	9	0.7	4065534	9.2	
19	944.463	1434.1	-11.4	1	0.9	8.9	0.1	3870148	9.1	
19	944.163	1433.9	-12.5	-1.1	1	7.6	-0.3	3718917	9	
19	943.863	1433.6	-11.1	0.6	1	8.5	-0.7	3603701	8.9	
19	943.563	1433.6	-12.3	-1	1.2	7.4	-0.9	3507119	8.8	
19	943.263	1433.5	-11.3	-0.1	1	8.2	-1	3432378	8.6	
19	942.963	1433.5	-11.2	0.8	1	8.6	-0.9	3371579	8.5	
19	942.663	1433.3	-11.6	-0.5	0.9	8.2	-0.9	3328697	8.5	
19	942.363	1433.1	-11	0.3	0.6	8.8	-0.8	3307662	8.5	
19	942.063	1432.7	-11.3	-0.1	0.3	8.8	-0.8	3307662	8.6	
19	941.763	1432.5	-11.3	-0.6	0.1	9.6	-0.7	3333997	8.6	
19	941.463	1432.4	-11.1	1.4	0.1	9.6	-0.5	3387945	8.6	
19	941.163	1432.3	-11.3	0.5	-0.3	10.1	-0.2	3483777	8.6	
19	940.863	1432.4	-11.3	1.1	-0.4	9.5	0	3628683	8.6	
19	940.563	1432.3	-11.5	1	-0.8	9.3	0.2	3834707	8.6	
19	940.263	1432.3	-11.9	0.7	-0.9	9.2	0.4	4113458	8.6	
19	939.963	1432.4	-11.4	1	-0.8	9.5	0.5	4512393	8.6	
19	939.663	1432.3	-11.7	1.8	-0.7	9.7	0.5	5069613	8.8	
19	939.363	1432.2	-12	0.2	-0.8	9.6	0.5	5832173	9	
19	939.063	1432.1	-13.1	0.3	-0.9	8.9	0.5	6910066	9.6	
19	938.763	1432.1	-13.3	0	-0.9	9.2	0.5	8580943	10.1	
19	938.463	1432.2	-13.1	-0.7	-0.8	9	0.4	11317568	10.4	
19	938.163	1432.3	-13.1	0.6	-0.6	9.6	0.4	16617064	10.6	
19	937.863	1432.3	-13.4	-0.1	-0.6	10	0.3		10.7	
19	937.563	1432.3	-13.5	0.1	-0.7	9.5	0.3		11.2	
19	937.263	1432.3	-13.9	0	-0.7	9.7	0.4		11.5	
19	936.963	1432.4	-13.8	-1.4	-0.6	9.9	0.5		11.6	
19	936.663	1432.5	-13.6	-0.6	-0.6	10.6	0.7	-1.7E+07	11.6	
19	936.363	1432.7	-13.4	-0.9	-0.5	10.6	0.8	-1.3E+07	11.2	
19	936.063	1432.7	-12.2	0.2	-0.8	10.9	0.9	-1.1E+07	10.7	
19	935.763	1432.7	-12.8	-0.1	-0.9	10.2	1	-9183114	10.5	
19	935.463	1432.9	-13.6	-1.9	-0.9	9.4	1.1	-8275692	10.1	
19	935.163	1432.9	-12.1	-0.2	-0.9	10.3	1.1	-7641424	9.8	
19	934.863	1432.9	-12.5	-0.6	-1.1	10.4	1.1	-7170377	9.5	
19	934.563	1432.8	-12.1	-1.2	-1.4	10.1	1.1	-6820033	9	
19	934.263	1432.7	-12	-0.9	-1.6	10	1.1	-6563480	8.8	
19	933.963	1432.8	-12.2	-1.3	-1.8	9.7	1.3	-6344697	8.6	
19	933.663	1432.9	-11.7	-1.5	-1.7	9.6	1.4	-6176254	8.4	
19	933.363	1432.9	-11.8	-1.3	-1.6	9.2	1.4	-6016523	8.3	
19	933.063	1433.1	-12.5	-1.9	-1.6	9.3	1.5	-5848464	8.2	
19	932.763	1433.2	-11.7	-0.6	-1.3	9.6	1.4	-5674120	8.2	
19	932.463	1433.5	-12.9	-2.3	-0.9	8.8	1.4	-5495407	8.1	
19	932.163	1433.7	-12.5	-1.3	-0.3	8.9	1.2	-5314087	8	
19	931.863	1433.9	-12.7	-1.3	0.3	8.6	0.9	-5131741	7.8	
19	931.563	1433.9	-13.2	-0.7	0.6	8.1	0.5	-4938090	7.7	
19	931.263	1433.8	-13.6	-2.5	1	7.2	-0.2	-4736991	7.3	
19	930.963	1433.5	-12.5	-0.2	1.2	7.7	-0.8	-4522139	7	
19	930.663	1433.4	-13.6	-2.3	1.7	7.3	-1.4	-4308128	6.8	
19	930.363	1433.3	-14.2	-3	2	6	-2	-4113458	6.8	
19	930.063	1433.1	-14.7	-3.1	2.3	6.4	-2.7	-3928237	7	
19	929.763	1432.9	-14.6	-3.6	2.5	6.4	-3.3	-3758977	7.1	
19	929.463	1432.8	-15.1	-3.8	2.6	6.3	-3.7	-3609914	7.8	
19	929.163	1432.8	-15.1	-3.8	2.6	7.1	-3.9	-3477990	8.3	
19	928.863	1433	-15.3	-4.2	3.1	7.3	-4.2	-3360755	8.7	
19	928.563	1433.2	-14.6	-3.3	3.3	7.9	-4.2	-3256221	9.1	
19	928.263	1433.2	-15.7	-4.4	3.3	7.3	-4.2	-3157994	9.4	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
19	927.963	1433.3	-15	-3.5	3.3	8.9	-3.9	-3070015	9.6	
19	927.663	1433.4	-15.4	-3.5	3.1	8.9	-3.4	-2995351	10	
19	927.363	1433.7	-15.3	-3.9	3	9.4	-2.8	-2924232	10	
19	927.063	1433.9	-14.5	-2.8	2.6	10	-2.1	-2856413	10	
19	926.763	1434.2	-14.6	-2.6	2.4	9.6	-1.5	-2784243	9.8	
19	926.463	1434.4	-14.1	-1	2	10.3	-1	-2708603	9.6	
19	926.163	1434.7	-14.3	-1	1.7	9.8	-0.6	-2636965	9.6	
19	925.863	1434.8	-13.6	-0.5	1.5	10.7	-0.3	-2565871	9.4	
19	925.563	1434.5	-14.4	-1.3	1.3	10.1	-0.3	-2495531	9.4	
19	925.263	1434.4	-13.8	-0.4	1.2	10.4	-0.4	-2423322	9.3	
19	924.963	1434.1	-14.7	-1.2	1	10	-0.7	-2347254	9.9	
19	924.663	1434	-13.9	0	0.9	10.5	-0.8	-2278292	9.9	
19	924.363	1433.9	-13.6	0.2	1.1	10.6	-1.1	-2213267	9.9	
19	924.063	1433.8	-14.4	-0.8	1.2	10	-1.4	-2151851	10.1	
19	923.763	1433.9	-14.4	-1	1.4	10.1	-1.6	-2087488	10.1	
19	923.463	1433.9	-14	-1.8	1.5	10.2	-1.8	-2022948	10.5	
19	923.163	1433.8	-15.2	-2.4	1.9	9.8	-2	-1958607	11.2	
19	922.863	1433.9	-14.5	-0.9	1.9	10.3	-2	-1894797	11.3	
19	922.563	1433.9	-14.2	-2.1	2.2	11.2	-2.1	-1835014	11.7	
19	922.263	1433.9	-14.4	-1.9	2.2	10.8	-2.1	-1777378	12	
19	921.963	1433.7	-14	-1.9	2.1	10.9	-2.2	-1723252	12.2	
19	921.663	1433.6	-14.4	-2.4	2	10.9	-2.3	-1673662	12.5	
19	921.363	1433.6	-14.4	-2.2	1.9	11.1	-2.3	-1628111	12.7	
19	921.063	1433.6	-13.8	-2.1	1.7	11	-2.3	-1590996	12.7	
19	920.763	1433.3	-13.2	-1.4	1.6	12.2	-2.3	-1563668	12.7	
19	920.463	1433.5	-13.1	-0.6	1.5	11.7	-2.1	-1544064	12.4	
19	920.163	1433.5	-12.6	-0.9	1.4	11.5	-2	-1532761	12.1	
19	919.863	1433.6	-12.4	0.5	1.4	11.4	-1.9	-1529402	11.9	
19	919.563	1433.7	-11.7	0.8	1.6	11	-1.8	-1532761	11.2	
19	919.263	1433.9	-11.2	1.5	2	11.6	-1.7	-1541790	10.7	
19	918.963	1434.1	-11.3	1.9	2.1	10.7	-1.6	-1553228	10.2	
19	918.663	1434.4	-10.2	3.4	2.3	10.6	-1.5	-1570706	9.5	
19	918.363	1434.2	-10.2	2.3	2.4	10	-1.6	-1588582	9.2	
19	918.063	1434.3	-10.3	3.3	2.3	9.3	-1.5	-1606870	8.8	
19	917.763	1434.3	-9.8	4.4	2.2	9.2	-1.4	-1623063	8.4	
19	917.463	1434.2	-9.5	5.2	2.2	9.4	-1.4	-1634466	8.1	
19	917.163	1434.1	-9.1	5.5	1.8	8.8	-1.3	-1638303	7.6	
19	916.863	1433.7	-9.7	5.4	1.3	8.2	-1.4	-1631918	7.6	
19	916.563	1433.7	-9.2	5.9	1.2	8.6	-1.4	-1618046	7.5	
19	916.263	1433.6	-8.8	6.5	0.7	8.5	-1.3	-1598283	7.3	
19	915.963	1433.5	-8.7	5.9	0.8	9.1	-1.3	-1574249	7.2	
19	915.663	1433.5	-8.5	7.2	0.8	9.4	-1.3	-1547488	6.8	
19	915.363	1433.4	-8.6	6.4	0.9	8.6	-1.4	-1521622	6.4	
19	915.063	1433.3	-9.2	6.2	1.2	8	-1.7	-1497676	6.2	
19	914.763	1433.5	-8.8	6.5	1.4	8.3	-1.6	-1477595	6.1	
19	914.463	1433.7	-9.3	5.2	2	8.6	-1.6	-1460078	6.1	
19	914.163	1433.8	-9.4	5.2	2.1	8.4	-1.6	-1445961	6.1	
19	913.863	1433.9	-9.8	4.3	2.6	7.4	-1.7	-1436044	6.1	
19	913.563	1433.8	-11	3.3	2.9	7.3	-1.8	-1428207	7	
19	913.263	1433.7	-11.8	1.8	3	7.3	-2	-1423353	7.8	
19	912.963	1433.5	-11.8	2.6	3.1	8.2	-2.1	-1420456	9.1	
19	912.663	1433.4	-12.6	1.2	3.1	8.9	-2.2	-1417570	10.1	
19	912.363	1433.3	-12.9	1.8	2.8	8.9	-2.3	-1415654	10.7	
19	912.063	1432.9	-13.8	0.1	2.5	9.8	-2.5	-1412788	12.1	
19	911.763	1432.8	-14.2	-0.6	2.5	10.5	-2.7	-1410884	12.7	
19	911.463	1432.4	-13.4	1	2.2	11.9	-3	-1409934	12.9	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
19	911.163	1431.9	-13.9	0.5	2	13	-3.2	-1408985	13.4	
19	910.863	1432	-14.1	-0.1	2	13.6	-3.1	-1408037	13.6	
19	910.563	1431.7	-13.2	2	1.9	14.4	-3.1	-1407091	13.4	
19	910.263	1431.8	-13.5	1	2	14.4	-3	-1405202	13	
19	909.963	1432.1	-13.3	0.9	2.3	14.2	-3	-1402379	12.1	
19	909.663	1432.2	-13.7	0.7	2.7	13.3	-3	-1401440	11.5	
19	909.363	1432.3	-14.7	-0.7	2.8	12.3	-2.9	-1403319	10.8	
19	909.063	1432.4	-15	-0.6	3.2	10.7	-2.9	-1408037	9.8	
19	908.763	1432.5	-16	-1.6	3.4	8.9	-2.7	-1415654	9.2	
19	908.463	1432.5	-16.4	-2.6	3.4	7.9	-2.7	-1427234	8.3	
19	908.163	1432.4	-16.5	-3.3	3.5	6.6	-2.7	-1442971	7.6	
19	907.863	1432.2	-17.2	-4.1	3.2	6	-2.6	-1462117	7.3	
19	907.563	1432.3	-17.9	-5.3	3	4.9	-2.5	-1483878	7	
19	907.263	1432.2	-17.1	-4.7	3	5.3	-2.5	-1507380	6.7	
19	906.963	1431.9	-18.1	-6.4	2.7	4.8	-2.6	-1530520	6.7	
19	906.663	1431.8	-18.4	-7.2	2.5	4.6	-2.6	-1555536	6.7	
19	906.363	1431.7	-17.5	-6.2	2.3	5.9	-2.6	-1580190	6.8	
19	906.063	1431.6	-17.8	-7.6	2.2	6	-2.6	-1604407	7	
19	905.763	1431.6	-17.9	-7.7	2.2	5.7	-2.6	-1628111	7.3	
19	905.463	1431.4	-18.3	-8	2.1	6.2	-2.6	-1651223	8.2	
19	905.163	1431.4	-18.3	-8.5	2.1	7.1	-2.6	-1675001	8.5	
19	904.863	1431.3	-17.6	-8.1	2	7.8	-2.6	-1702237	9	
19	904.563	1431.3	-17.7	-8.6	2.1	8.3	-2.5	-1724671	9.4	
19	904.263	1431.3	-17.6	-7.9	2	9.1	-2.5	-1743340	9.6	
19	903.963	1431.5	-17.2	-8	2.2	9	-2.4	-1757977	10.1	
19	903.663	1431.5	-17.1	-8.3	2.1	9.6	-2.4	-1769866	10.3	
19	903.363	1431.6	-16.1	-7.4	1.9	10.2	-2.3	-1777378	10.3	
19	903.063	1431.5	-15.4	-6.9	1.9	11	-2.3	-1783434	10.4	
19	902.763	1431.5	-15.8	-7.2	1.8	10.9	-2.3	-1788003	10.5	
19	902.463	1431.6	-15.8	-6.6	1.9	10.2	-2.3	-1791062	10.5	
19	902.163	1431.5	-15	-6.2	1.9	11.3	-2.4	-1795670	10.7	
19	901.863	1431.7	-15.9	-6.6	2.1	10.4	-2.4	-1804958	10.7	
19	901.563	1431.8	-14.6	-5.2	2.1	11.8	-2.4	-1819071	10.7	
19	901.263	1432.1	-14.9	-5.1	2.4	11.5	-2.4	-1838236	10.6	
19	900.963	1432.4	-14	-3	2.6	11.6	-2.4	-1861112	10.3	
19	900.663	1432.4	-13.6	-1.8	2.7	11.3	-2.4	-1881178	10	
19	900.363	1432.6	-14.1	-2.3	2.8	10.8	-2.3	-1899955	9.6	
19	900.063	1432.6	-13.4	-0.8	2.6	11.2	-2.3	-1919112	9.2	
19	899.763	1432.7	-13.5	-0.6	2.5	10.1	-2	-1938658	9	
19	899.463	1432.7	-13.6	0.2	2.1	10.6	-1.6	-1960441	8.6	
19	899.163	1432.8	-14.2	0	1.7	8.8	-1.2	-1986481	8.4	
19	898.863	1432.8	-14.5	-1.1	1.3	8.9	-0.8	-2020995	8.3	
19	898.563	1432.8	-14.4	-0.5	0.6	8.4	-0.3	-2060778	8.2	
19	898.263	1432.7	-14.3	-0.2	0.3	8	0	-2112766	8.2	
19	897.963	1432.8	-14.7	-1.5	-0.1	8.5	0.4	-2176456	8.3	
19	897.663	1433.1	-15	-1.5	-0.2	7.7	0.7	-2246514	8.2	
19	897.363	1433	-14.2	-0.9	-0.5	8.9	0.8	-2323808	8.4	
19	897.063	1432.8	-15.2	-1.5	-0.7	8.2	0.8	-2412155	8.4	
19	896.763	1432.7	-14.5	0.2	-0.7	9.4	0.8	-2510492	8.4	
19	896.463	1432.5	-15.3	-0.3	-0.8	9.4	0.7	-2613921	8.8	
19	896.163	1432.6	-15.3	0.7	-0.7	8.7	0.7	-2719156	8.5	
19	895.863	1432.4	-14.5	1.9	-0.4	9.4	0.6	-2829392	8.4	
19	895.563	1432.4	-15.7	0.8	-0.2	8.8	0.5	-2948944	8.4	
19	895.263	1432.6	-15.6	1.6	-0.1	8.7	0.4	-3079045	8.5	
19	894.963	1432.7	-15.8	2.1	0.2	8.1	0.3	-3221154	8.8	
19	894.663	1432.7	-16.3	0.8	0.6	8.4	0	-3382472	9.1	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
19	894.363	1432.5	-16.8	1.3	0.7	8.9	-0.3	-3554754	10.1	
19	894.063	1432.4	-17.4	1	1	9.1	-0.6	-3752241	11.1	
19	893.763	1432.3	-16.5	1	1.1	10.6	-0.9	-3972961	11.5	
19	893.463	1431.8	-16.8	1	1.2	10.3	-1.3	-4221271	12.5	
19	893.163	1431.5	-17.5	0.4	1.4	11.4	-1.6	-4493026	13.5	
19	892.863	1431.6	-16.6	1.7	1.7	12	-1.8	-4780251	13.9	
19	892.563	1431.4	-16	2.3	1.8	13.1	-2	-5106708	14.1	
19	892.263	1431.5	-15.9	1.7	1.9	13.6	-2	-5466710	14.2	
19	891.963	1431.6	-16.7	1	1.9	12.9	-1.9	-5881320	14.2	
19	891.663	1431.6	-15.5	2.1	1.7	14.4	-1.8	-6325529	14.1	
19	891.363	1431.6	-16	1.2	1.5	12.3	-1.8	-6775890	13.5	
19	891.063	1431.3	-14.7	2.4	1.2	13.2	-1.8	-7269965	13.4	
19	890.763	1431.1	-15.1	1	0.9	12.4	-1.9	-7783457	12.6	
19	890.463	1430.8	-13.9	1.5	0.5	12	-2	-8375000	11.5	
19	890.163	1430.6	-14.2	1.6	0.4	10.6	-1.9	-8986052	10.9	
19	889.863	1430.6	-14.2	1.6	0.2	9.6	-1.9	-9604358	9.9	
19	889.563	1430.6	-14	1	0	9.6	-1.8	-1E+07	9.7	
19	889.263	1430.9	-14.2	1.7	0.1	8.2	-1.5	-1E+07	9.4	
19	888.963	1431.4	-13	1.6	0.3	8.4	-1.1	-1E+07	8.2	
19	888.663	1432	-12.1	2.8	0.7	7.6	-0.7	-9829812	7.4	
19	888.363	1432.6	-12.3	1.7	1	6.9	-0.2	-9063853	6.8	
19	888.063	1432.9	-12.1	1.5	1.2	5.3	0.2	-8178711	6.4	
19	887.763	1432.8	-11.8	2.3	0.9	5.8	0.4	-7269965	6.2	
19	887.463	1433	-11.9	1.5	0.9	5.6	0.6	-6482198	6.2	
19	887.163	1433.2	-11	2.5	0.9	6.3	0.8	-5815972	6.1	
19	886.863	1433	-10.4	3.2	0.4	6.9	0.8	-5273930	6.1	
19	886.563	1432.8	-10.3	3.9	-0.1	5.6	0.7	-4846644	6.1	
19	886.263	1432.6	-9.8	4.7	-0.5	6.2	0.5	-4531927	6.7	
19	885.963	1432.5	-9.8	4.6	-0.9	6.5	0.4	-4308128	7.2	
19	885.663	1432.3	-8.1	6.2	-1.4	8	0.4	-4137846	7.6	
19	885.363	1432.3	-8.6	6.1	-1.3	7.9	0.4	-4011016	8.1	
19	885.063	1432.3	-8.3	6.7	-1.6	8.3	0.4	-3920881	8.5	
19	884.763	1432.4	-8.4	5.8	-1.6	8	0.5	-3870148	9.6	
19	884.463	1432.7	-8.1	7.1	-1.2	8.4	0.5	-3877315	10.2	
19	884.163	1433	-6.5	8	-1.1	9.7	0.6	-3935621	10.6	
19	883.863	1433.2	-6.4	8.9	-0.9	10.2	0.7	-4041989	11.5	
19	883.563	1433.5	-5.9	9.4	-0.7	11.2	0.7	-4195892	12	
19	883.263	1433.7	-5	9.5	-0.4	12	0.7	-4407895	12.6	
19	882.963	1433.6	-5.1	10.6	-0.4	12.3	0.5	-4694507	13.1	
19	882.663	1433.9	-4.2	11.4	0	13.2	0.5	-5069613	13.1	
19	882.363	1433.8	-2.7	13.1	0.2	14.9	0.4	-5568484	12.9	
19	882.063	1433.9	-2.1	14.2	0.4	14.9	0.3	-6212908	12.5	
19	881.763	1434.3	-0.9	15.9	1.1	14	0.1	-7026007	11.3	
19	881.463	1434.3	-0.3	17.1	1.5	14	-0.2	-8083977	10.6	
19	881.163	1434.5	-0.5	16	1.8	13.1	-0.3	-9517046	9.9	
19	880.863	1434.6	-0.7	16.1	2.2	12	-0.5	-1.2E+07	9.1	
19	880.563	1434.6	0.1	17.6	2.5	11.5	-0.5	-1.5E+07	8.1	
19	880.263	1434.5	-0.4	16.2	2.5	10	-0.6		7.2	
19	879.963	1434	-1	15	2.2	8.3	-0.8		6.8	
19	879.663	1433.8	-0.8	15.1	2	7.7	-0.9		6.4	
19	879.363	1433.3	-0.8	15.9	1.5	6.9	-1.1		6.2	
19	879.063	1432.9	-1.1	14.4	1.3	6.7	-1.4		6.2	
19	878.763	1432.5	-1.4	14.6	1	6	-1.7		6.2	
19	878.463	1432.1	-2.1	12.6	0.7	6.6	-2.1		6.7	
19	878.163	1431.6	-1.5	13.6	0.5	7.8	-2.5		7.4	
19	877.863	1431.3	-2.3	11.6	0.6	7.8	-2.8		8.4	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
19	877.563	1431.4	-2.3	11.9	0.8	9.3	-2.8		8.9	
19	877.263	1431.5	-2.1	12.1	0.9	8.7	-2.9		8.9	
19	876.963	1431.5	-2.1	11.9	1.2	8.7	-2.9	-1.6E+07	9.2	
19	876.663	1431.7	-2.8	11.4	1.4	9.7	-2.7	-1.2E+07	9.4	
19	876.363	1431.9	-1.9	11.1	1.6	10	-2.3	-9560502	9.3	
19	876.063	1432.4	-3.3	8.8	1.8	9.5	-1.7	-7961027	9.2	
19	875.763	1432.6	-3.8	8.5	2.1	8.1	-1.4	-6820033	9.1	
19	875.463	1432.5	-2.9	9.2	2	9.5	-1.1	-5931303	9.3	
19	875.163	1432.8	-4.3	7.5	2	8.2	-0.8	-5234375	9.6	
19	874.863	1433.1	-3	8.9	2	8.9	-0.4	-4684005	9.6	
19	874.563	1433.1	-2.4	8.6	1.4	10.4	0.1	-4229798	10.1	
19	874.263	1433.2	-5	5.4	1	7.9	0.5	-3855894	10.5	
19	873.963	1432.7	-3.8	6.5	0.1	8.6	0.8	-3536740	10.9	
19	873.663	1432.6	-5	4.8	-0.6	8.5	1	-3256221	11.6	
19	873.363	1432.2	-4.1	5.7	-1	9.2	1.1	-3021285	11.5	
19	873.063	1431.9	-3.8	4.3	-1.5	9.8	1.3	-2821766	11.5	
19	872.763	1431.8	-3.6	5	-2	9.7	1.5	-2657044	11	
19	872.463	1431.5	-2.5	5.8	-2.7	9.4	1.7	-2510492	10.9	
19	872.163	1431.6	-3.2	5.2	-2.8	8.2	1.9	-2384682	10.5	
19	871.863	1431.7	-1.9	6.2	-3	9.5	2	-2273345	9.6	
19	871.563	1431.7	-1	5.5	-2.8	9.9	2.1	-2174196	9.7	
19	871.263	1431.9	-0.5	5.9	-2.6	10.6	2.1	-2089572	9.2	
19	870.963	1431.7	0.2	6.1	-2.5	10.8	2.1	-2017101	9.2	
19	870.663	1431.8	-1.3	3.7	-2.3	9.5	2.1	-1956776	9.4	
19	870.363	1431.8	-0.2	4.9	-1.9	10	1.7	-1903410	8.9	
19	870.063	1431.8	1	5.2	-1.4	11	1.5	-1859459	9.3	
19	869.763	1431.9	0.7	3.4	-1	10.6	1.1	-1823825	9	
19	869.463	1432.2	1.4	3.5	-0.4	9.7	0.7	-1797211	8.6	
19	869.163	1432	1.5	2.4	-0.1	9.4	0.2	-1778888	9.2	
19	868.863	1432.3	1.3	1.6	0.5	9.1	-0.3	-1763901	9.3	
19	868.563	1432.1	1.3	1.8	0.9	8.5	-0.9	-1752093	10	
19	868.263	1432.2	1	1.7	1.3	9.8	-1.4	-1743340	10.8	
19	867.963	1432.1	1	0.9	1.7	9.3	-2	-1737553	11.8	
19	867.663	1431.9	1	1.4	2	9.5	-2.5	-1731804	12.8	
19	867.363	1432	1.5	2.5	2.4	10.2	-2.9	-1721835	13.3	
19	867.063	1432	2.6	3.4	2.5	10.6	-3.3	-1707790	13.8	
19	866.763	1432.1	3.6	4.4	2.9	11.6	-3.5	-1687148	14	
19	866.463	1432.3	3.5	4.6	3.2	11.5	-3.8	-1657760	14.1	
19	866.163	1432.6	5.5	6.9	3.7	13.6	-3.9	-1618046	14.2	
19	865.863	1432.8	5.4	7.5	3.8	12.6	-4	-1568353	13.8	
19	865.563	1433	7.2	8.7	4.1	13.5	-4.2	-1513920	13	
19	865.263	1433.1	7.6	9.9	4.3	13.1	-4.3	-1459060	12.4	
19	864.963	1433.2	8.5	10.8	4.4	12.6	-4.3	-1404260	11.5	
19	864.663	1433.4	10.1	12.2	4.6	11.8	-4.3	-1350808	9.9	
19	864.363	1433.4	10.5	12.6	4.5	10.3	-4.3	-1298048	8.4	
19	864.063	1433.4	11	13.8	4.5	9.3	-4.3	-1247023	6.9	
19	863.763	1433.6	10.8	12.7	4.7	7.3	-4.4	-1197799	5.8	
19	863.463	1433.8	12.3	15.6	4.7	7.8	-4.3	-1152313	4.7	
19	863.163	1434.1	12.4	16.2	4.8	6	-4.2	-1110155	3.9	
19	862.863	1434.2	12.8	15.7	4.8	5.4	-4.1	-1070426	3.1	
19	862.563	1434.2	13.3	17.6	4.8	4.7	-4.1	-1032423	2.2	
19	862.263	1434.3	13.8	16.8	4.8	4.3	-4	-995130	1.7	
19	861.963	1434.3	13.7	16.1	4.8	3.2	-4	-958240	1.7	
19	861.663	1434.2	13.7	18.7	4.9	4.1	-4.1	-921952	1.9	
19	861.363	1433.9	13.2	17	4.5	5.1	-4.1	-887184	2.9	
19	861.063	1434	13.1	18.1	4.4	4.6	-3.9	-854594	3.8	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
19	860.763	1434	13.5	17.6	4.2	5.9	-3.7	-823989	4.6	
19	860.463	1433.9	13.5	17.3	4	6.8	-3.5	-796105	5.4	
19	860.163	1433.9	13.2	16.8	4	7.8	-3.2	-771749	6.9	
19	859.863	1433.6	12.3	14.8	3.5	8.3	-3	-750181	8.2	
19	859.563	1433.6	13.9	17.1	3.1	11.2	-2.6	-732339	9.1	
19	859.263	1433.4	12.1	14	2.6	10.5	-2.3	-717777	10.5	
19	858.963	1433.4	11.3	12.3	2.7	12	-2.4	-706157	11.6	
19	858.663	1433.3	12.4	12.9	2.5	13.2	-2.5	-697222	12.7	
19	858.363	1432.9	12	11.8	2.4	13.5	-2.7	-691237	13.6	
19	858.063	1432.5	11.4	12.7	2.3	13.3	-2.9	-687605	14	
19	857.763	1432.1	11.4	11.6	2.2	13	-3.2	-686028	14.2	
19	857.463	1431.9	10.6	9.6	2.5	12.4	-3.5	-685803	14.2	
19	857.163	1432	9.9	9.2	2.9	9.8	-3.9	-686478	14.2	
19	856.863	1432.1	10.5	9.1	3.6	10.3	-4.4	-687605	14.3	
19	856.563	1432.4	8.7	7.2	4.3	8	-4.9	-688736	14.3	
19	856.263	1432.5	10.8	9.5	4.9	8.9	-5.4	-689870	14.3	
19	855.963	1432.4	10.8	9.5	5.3	8.2	-5.8	-690553	14.3	
19	855.663	1432.3	10.8	9.8	5.7	8	-6.2	-690781	14.3	
19	855.363	1432.2	11.9	10.9	5.9	8.1	-6.3	-690553	14.2	
19	855.063	1432.2	12.6	11.6	6.1	8.4	-6.4	-689870	14.2	
19	854.763	1432.3	14.8	13.3	6.1	9.5	-6.3	-688736	13.4	
19	854.463	1432.4	16.9	14.3	6.1	9.8	-6.2	-686928	12.3	
19	854.163	1432.7	18.6	15	6.1	9.6	-6.1	-684682	10	
19	853.863	1432.8	20.1	16.6	6	7.3	-6.1	-681562	8.3	
19	853.563	1433	21.9	16.4	6	8.2	-5.9	-677811	6.9	
19	853.263	1433.1	22.9	17.5	6	7.4	-5.8	-673234	5.5	
19	852.963	1433.2	24.6	17.4	5.9	7.8	-5.7	-667652	4.6	
19	852.663	1433.2	26.1	18.5	5.8	8.1	-5.7	-660908	3.6	
19	852.363	1433.1	27.5	19	5.7	7.1	-5.9	-653279	2.5	
19	852.063	1433	28.4	18.3	5.8	6.7	-6.2	-644828	1.8	
19	851.763	1433.1	29.3	18.8	5.9	6.6	-6.6	-635821	0.9	
19	851.463	1433.2	31.4	20.4	6.1	7.9	-6.8	-626874	0.6	
19	851.163	1433.4	30.5	19.7	6.3	7	-6.9	-617992	0.6	
19	850.863	1433.4	31.3	19	6.2	7.7	-7	-608828	0.9	
19	850.563	1433.8	30.9	18.5	6.4	7.8	-6.8	-599931	1.4	
19	850.263	1434.1	30.7	17.9	6.5	8.3	-6.6	-591290	2.1	
19	849.963	1434.2	31.1	17.8	6.4	8.6	-6.3	-583220	2.4	
19	849.663	1434.4	30.1	16.3	6.2	8.2	-5.7	-576000	3.6	
19	849.363	1434.9	28.5	14.8	6.2	8.4	-5.1	-569421	4.5	
19	849.063	1434.9	28.1	14.4	5.8	8.2	-4.6	-563748	5.9	
19	848.763	1435	26.4	13.2	5.5	9	-4.1	-559231	7.6	
19	848.463	1435.4	26.2	13.1	5.4	10.9	-3.5	-556407	8.8	
19	848.163	1435.3	24.4	10.9	4.8	10.8	-3	-555080	10.8	
19	847.863	1435.3	22.9	9.4	4.5	12.2	-2.7	-554933	12.5	
19	847.563	1435.1	22.4	9.2	4.3	12.3	-2.6	-556259	13.4	
19	847.263	1434.8	22.7	10.4	4	13.6	-2.6	-558783	13.9	
19	846.963	1434.5	19.9	6	3.6	12.8	-2.8	-562536	14.1	
19	846.663	1434.2	20.3	8.2	3.5	12.1	-3	-567568	14.2	
19	846.363	1433.9	19.6	8.3	3.4	13.7	-3.3	-573947	14.2	
19	846.063	1433.6	16.9	4.5	3.1	9.8	-3.6	-581438	14.3	
19	845.763	1433.2	18	6	3.1	11.6	-3.9	-589625	14.3	
19	845.463	1432.8	15.8	4.4	3	9.8	-4.3	-598730	14.3	
19	845.163	1432.5	15.9	4.5	3.1	9.5	-4.6	-607767	14.3	
19	844.863	1432.3	15.8	5.2	3.2	9.4	-4.8	-616718	14.3	
19	844.563	1432.4	14	4.1	3.6	9	-5.1	-625189	14.2	
19	844.263	1432.4	16.7	6.2	3.9	10.9	-5.3	-632938	14.2	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
19	843.963	1432.6	13.8	5.1	4.6	7.6	-5.7	-639706	13.8	
19	843.663	1432.8	16.7	5.9	5.1	11	-6.1	-645624	12.8	
19	843.363	1432.8	17.1	6.3	5.5	9.7	-6.4	-650437	11.8	
19	843.063	1432.9	17.7	6.9	5.9	9.8	-6.8	-653891	10.2	
19	842.763	1433	19	7.1	6.4	8.2	-7.3	-656350	7.9	
19	842.463	1433	18.7	6.1	6.9	6.3	-7.8	-657794	6.4	
19	842.163	1433.2	18.6	3.8	7.3	5.8	-8.2	-658829	4.8	
19	841.863	1433.4	19.8	2.9	7.8	4.3	-8.6	-660075	3.2	
19	841.563	1433.5	20.4	1.8	7.7	5.4	-8.8	-661744	2	
19	841.263	1433.9	20.2	0.1	7.9	2.7	-8.9	-663421	0.8	
19	840.963	1434.2	20.4	-1.5	8.2	1.4	-9	-665319	0.2	
19	840.663	1434.8	20.4	-2.5	8.4	1.1	-8.8	-667227	-0.1	
19	840.363	1435.2	21.5	-3.1	8.6	1.8	-8.6	-668718	-0.5	
19	840.063	1435.5	21.8	-4.3	8.5	2.4	-8.1	-669788	-0.1	
19	839.763	1435.8	21.3	-6.2	8.2	3.6	-7.5	-670217	0.4	
19	839.463	1436.1	20.8	-7.6	7.9	3.7	-6.8	-669788	1.7	
19	839.163	1436.6	20.2	-9.1	7.8	5.1	-6	-668292	3.3	
19	838.863	1437	20	-11.4	7.7	6.4	-5.4	-666165	4.1	
19	838.563	1437.2	21.4	-9.1	7	8.8	-4.4	-663421	5.2	
19	838.263	1437.5	20.8	-10.5	6.4	10	-3.6	-659867	6	
19	837.963	1437.4	19.4	-11.5	5.5	9.4	-3	-655939	7	
19	837.663	1437.2	19.9	-10.8	4.7	11.7	-2.3	-651855	8.5	
19	837.363	1437	17.5	-13.6	3.9	11.4	-1.8	-648222	9.6	
19	837.063	1436.6	17.9	-12.2	3	13.4	-1.4	-645425	10.4	
19	836.763	1436	16.5	-12	2	14	-1.1	-643837	11.7	
19	836.463	1435.5	15.1	-13	0.9	14	-0.8	-643639	12.5	
19	836.163	1435	15.1	-11.3	0.3	13.8	-0.7	-644828	13.3	
19	835.863	1434.6	13.1	-13.1	-0.2	13.4	-0.8	-647420	13.8	
19	835.563	1434.5	12.5	-11.9	-0.2	13.6	-0.8	-651449	14.1	
19	835.263	1434.1	11.6	-11.3	-0.2	12.8	-1.1	-657174	14.2	
19	834.963	1433.9	10.1	-12.3	0.1	12.7	-1.4	-664052	14.2	
19	834.663	1433.8	9	-13.7	0.5	11.3	-1.7	-671937	14.2	
19	834.363	1433.7	8.2	-11.7	1.2	11.4	-2.1	-680675	14.2	
19	834.063	1433.7	7.1	-13.2	2	10.3	-2.6	-690098	13.5	
19	833.763	1433.6	7.8	-11.8	2.7	10.6	-3.1	-700487	12.9	
19	833.463	1433.7	6.2	-10.7	3.4	9	-3.5	-711920	12	
19	833.163	1433.6	6.6	-11.4	3.9	8.6	-4.1	-724233	10.8	
19	832.863	1433.5	6.2	-9.6	4.4	7.9	-4.5	-737238	10.1	
19	832.563	1433.4	5.7	-10.2	4.7	7.1	-5	-750988	8.9	
19	832.263	1433.3	5.9	-9.9	5.1	6.8	-5.4	-764982	7.9	
19	831.963	1433.2	5.5	-8.5	5.2	6.3	-5.6	-779797	7.5	
19	831.663	1433.1	5.5	-11.2	5.2	6.4	-5.8	-794896	7	
19	831.363	1432.9	5.2	-8.6	5.3	5.5	-6	-810277	6.9	
19	831.063	1433.1	5.2	-11.5	5.3	5.8	-6	-826591	6.5	
19	830.763	1433.1	5.1	-12	5.4	5.1	-6.1	-843576	6.1	
19	830.463	1433.2	5.2	-12.5	5.6	5.8	-6.1	-861982	6	
19	830.163	1433.5	5	-14	5.9	5.8	-6.1	-881210	5.7	
19	829.863	1433.4	5	-13.7	5.9	5.7	-6.1	-901703	5.8	
19	829.563	1433.5	5.2	-13.4	5.8	6.4	-5.9	-923579	6	
19	829.263	1433.7	5.1	-14.7	5.9	6.6	-5.8	-945261	6	
19	828.963	1433.7	5.4	-15	5.7	7.2	-5.6	-966645	6.1	
19	828.663	1433.8	5.7	-14.5	5.4	8.3	-5.4	-987620	6.1	
19	828.363	1433.9	5.7	-14.7	5.3	8.5	-5.2	-1005645	6.1	
19	828.063	1434	4.6	-15.8	5	8.9	-4.9	-1020348	7.4	
19	827.763	1433.9	4.2	-17.3	4.6	9.6	-4.7	-1032423	8.1	
19	827.463	1433.9	4.3	-17.5	4.6	10.4	-4.4	-1040633	8.7	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
19	827.163	1434.1	4.2	-17.1	4.3	11.2	-4	-1045831	9.3	
19	826.863	1434.2	3.5	-17.3	4	11.4	-3.6	-1048974	10	
19	826.563	1434.3	3.4	-16.8	3.7	12.4	-3.1	-1050553	11.1	
19	826.263	1434.4	1.8	-18.2	3.4	12.2	-2.7	-1050027	12.2	
19	825.963	1434.5	1.6	-19.8	3.1	13	-2.3	-1049500	12.7	
19	825.663	1434.6	1.1	-19.7	2.7	14.4	-1.9	-1049500	13.2	
19	825.363	1434.5	0.5	-18.9	2.2	14.6	-1.5	-1050027	13.3	
19	825.063	1434.1	0.2	-19.7	1.7	14.4	-1.3	-1053196	13.6	
19	824.763	1434	-0.7	-18.2	1.5	14.4	-1.1	-1057985	13.7	
19	824.463	1433.9	-0.8	-18.7	1.3	14.5	-1.1	-1064440	13.2	
19	824.163	1433.7	-1.2	-17.7	1.3	13.6	-1.1	-1073719	12.9	
19	823.863	1433.6	-2.2	-17.3	1.2	13.4	-1.2	-1085971	12.2	
19	823.563	1433.6	-3.1	-18.2	1.3	11.6	-1.3	-1101395	11.5	
19	823.263	1433.6	-4.7	-17.8	1.4	10.6	-1.4	-1119055	11.3	
19	822.963	1433.6	-5.7	-18.2	1.5	9.6	-1.7	-1141632	10.8	
19	822.663	1433.5	-5.4	-17	2	9.3	-2.1	-1167737	10.2	
19	822.363	1433.2	-7	-17.1	2	8.1	-2.7	-1198484	10.3	
19	822.063	1433.2	-7.6	-16.6	2.1	6.9	-3	-1234524	10.3	
19	821.763	1432.8	-7.1	-15.3	2.3	8.1	-3.5	-1274347	10.4	
19	821.463	1432.7	-8.5	-15.6	2.6	7.5	-3.8	-1318484	10.9	
19	821.163	1432.8	-8	-15.8	2.8	8.7	-3.8	-1366679	10.9	
19	820.863	1432.6	-9	-15.2	2.8	9.2	-3.9	-1418531	11.5	
19	820.563	1433.1	-9.4	-16	3	9.5	-3.5	-1475512	11.9	
19	820.263	1433.2	-9.2	-15.4	3.3	9.9	-3.3	-1538392	12.2	
19	819.963	1433.8	-9	-14.7	3.7	10.3	-2.7	-1606870	11.5	
19	819.663	1434.3	-7.6	-13.5	3.7	11.2	-2	-1681728	10.5	
19	819.363	1434.3	-8.4	-13.9	3.5	9.2	-1.6	-1762417	9.6	
19	819.063	1434.3	-7.9	-13.4	3.1	9.2	-1.1	-1849603	8.9	
19	818.763	1434	-8.5	-13.7	2.5	7.9	-0.8	-1944058	8.7	
19	818.463	1433.8	-8.7	-13.9	2	7.4	-0.6	-2042684	8.2	
19	818.163	1433.5	-8.3	-13.4	1.4	7.2	-0.6	-2145236	7.8	
19	817.863	1433	-8.4	-13.6	0.7	7.2	-0.6	-2246514	7.7	
19	817.563	1432.4	-8.5	-13.5	-0.3	6.3	-0.7	-2344626	7.7	
19	817.263	1432.1	-8.9	-13.9	-0.9	5	-0.8	-2434594	8.2	
19	816.963	1431.9	-8.9	-14.1	-1	5.3	-0.8	-2516527	8.4	
19	816.663	1431.8	-7.8	-12.9	-1.1	5.6	-0.8	-2584877	8	
19	816.363	1431.8	-7.4	-12.8	-0.8	6.1	-0.9	-2633648	7.9	
19	816.063	1432.2	-6.9	-12.6	-0.2	6.1	-0.8	-2663805	7.6	
19	815.763	1432.3	-6	-11.7	0.2	6.2	-0.8	-2677430	7.5	
19	815.463	1432.6	-6.5	-11.1	0.8	5.7	-0.7	-2680858	7.5	
19	815.163	1433.1	-5.1	-9.3	1.5	6.3	-0.5	-2670600	7.1	
19	814.863	1433.2	-3.8	-8.1	2	7.3	-0.5	-2657044	6.8	
19	814.563	1433.1	-3.2	-7.4	2	7.8	-0.5	-2633648	6.7	
19	814.263	1433.1	-2.9	-6.4	1.9	7.5	-0.4	-2607410	6.8	
19	813.963	1432.9	-2.7	-6.1	1.8	8.5	-0.4	-2578510	7.6	
19	813.663	1432.6	-2.1	-3.9	1.1	9.3	-0.4	-2553354	8	
19	813.363	1432.2	-1.1	-2.7	0.7	10.3	-0.5	-2528684	8.5	
19	813.063	1432	-1	-2.1	0.2	11.2	-0.4	-2507486	9	
19	812.763	1431.7	-0.1	-0.6	-0.5	11.6	-0.4	-2498509	9.2	
19	812.463	1431.4	0.3	0.1	-1.1	11.9	-0.4	-2504486	9.7	
19	812.163	1431.3	0.4	1.1	-1.3	12.3	-0.3	-2534807	10.1	
19	811.863	1431.3	0.6	1.4	-1.2	12.6	-0.3	-2578510	10.3	
19	811.563	1431.3	0.3	1.5	-1.1	13.2	-0.3	-2646966	10.9	
19	811.263	1431.5	0.1	2.3	-0.6	13	-0.4	-2733356	11.1	
19	810.963	1431.7	0.2	3.3	0.2	12.9	-0.4	-2825574	11.3	
19	810.663	1431.9	0.2	4.9	0.6	13.3	-0.4	-2932424	11.5	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
19	810.363	1432.2	0.2	5.9	1	12.7	-0.3	-3030029	11.5	
19	810.063	1432.5	0.1	5.5	1.6	12.7	-0.3	-3125000	11.6	
19	809.763	1432.7	-0.4	6.6	1.8	12.4	-0.3	-3201453	11.6	
19	809.463	1432.6	-0.6	7	1.5	11.1	-0.2	-3241100	11.3	
19	809.163	1432.4	-1.3	5.8	1.2	11.5	-0.2	-3256221	11.2	
19	808.863	1432.3	-1.6	6.9	0.8	11	-0.1	-3241100	10.8	
19	808.563	1431.7	-1.7	6.3	0.2	10.1	-0.2	-3206356	10.5	
19	808.263	1431.5	-2.2	6.8	0	9.4	-0.3	-3162765	10.2	
19	807.963	1431.3	-1.9	7.5	-0.2	9.2	-0.5	-3111070	9.3	
19	807.663	1431.1	-2.3	6.9	-0.2	8.2	-0.8	-3061039	8.9	
19	807.363	1431.2	-2.8	6.2	0	7.7	-1.1	-3012590	8.4	
19	807.063	1431.2	-1.4	6.2	0.3	8	-1.2	-2965652	7.5	
19	806.763	1431.4	-3.4	5	0.9	6.5	-1.4	-2924232	7.2	
19	806.463	1431.7	-3.6	4.3	1.4	7.4	-1.6	-2887932	6.9	
19	806.163	1431.8	-2.8	5.7	2.1	6.6	-1.8	-2864228	6.4	
19	805.863	1431.7	-2.9	5.8	2.4	7	-1.9	-2840910	6.2	
19	805.563	1431.9	-3.8	4.5	2.6	5.8	-1.8	-2825574	6.1	
19	805.263	1431.8	-3.2	5.2	2.6	7.3	-1.8	-2814181	6	
19	804.963	1431.9	-3.7	4.8	2.5	7	-1.7	-2802879	6	
19	804.663	1431.7	-3.1	5.8	2.4	7	-1.8	-2791667	6.1	
19	804.363	1431.5	-4.1	4.8	2.2	7.8	-1.9	-2780545	6.8	
19	804.063	1431.5	-6.6	1.2	2.1	6.6	-2	-2762204	7.8	
19	803.763	1431.4	-4.3	3.1	2	9.2	-2	-2736929	8.6	
19	803.463	1431	-5.1	1.8	1.7	10	-2.1	-2712112	9.6	
19	803.163	1431	-5	1	1.6	11.4	-2.1	-2691196	10.3	
19	802.863	1431	-6.7	-0.2	1.5	10.6	-2	-2667198	11.7	
19	802.563	1431.1	-6.6	-1.5	1.4	12.2	-1.9	-2643624	12.4	
19	802.263	1431.1	-6.5	-2.7	1.2	12.5	-1.7	-2620464	12.7	
19	801.963	1430.9	-6.7	-3.5	1.1	12.9	-1.6	-2594486	13.1	
19	801.663	1431.1	-7.2	-4.3	1	14.1	-1.4	-2569019	12.9	
19	801.363	1431.1	-6.9	-4.2	1	12.4	-1.3	-2537879	12.5	
19	801.063	1431.1	-8	-5.9	1.3	11.8	-1.3	-2513506	12.5	
19	800.763	1431.2	-8.4	-7.3	1.3	11.1	-1.2	-2492560	11.9	
19	800.463	1431.2	-7.9	-6.9	1.4	11.9	-1.2	-2477811	11.5	
19	800.163	1431.2	-9.1	-9	1.3	10.4	-1.2	-2463236	11.2	
19	799.863	1431.4	-9.4	-9.7	1.4	9.1	-1.1	-2454573	10.5	
19	799.563	1431.3	-8.9	-9.3	1.5	9.2	-1.2	-2451699	10.1	
19	799.263	1431.4	-10.2	-10.8	1.5	7.7	-1.3	-2451699	9.9	
19	798.963	1431.3	-9.3	-9.6	1.4	8	-1.4	-2454573	9.5	
19	798.663	1431.2	-9.4	-9.5	1.2	8.2	-1.5	-2451699	9.5	
19	798.363	1431.2	-10.1	-10.3	1.1	7.8	-1.5	-2448831	9.6	
19	798.063	1431	-9.9	-10.1	1.1	7.3	-1.7	-2440269	9.6	
19	797.763	1431.1	-9.9	-10.1	1.2	7.8	-1.7	-2431766	9.4	
19	797.463	1431.2	-9.5	-9.6	1.2	8.1	-1.8	-2417726	9.2	
19	797.163	1431.1	-9.4	-9	1.2	7.7	-1.9	-2401090	9.1	
19	796.863	1431.3	-8.8	-8.2	1.4	8.6	-1.8	-2379262	9	
19	796.563	1431.5	-8.7	-7.4	1.7	8	-1.7	-2357827	8.6	
19	796.263	1431.8	-8.2	-6.6	1.9	8	-1.5	-2336775	8.5	
19	795.963	1432	-8.2	-6.5	2.2	7.8	-1.4	-2321231	8.3	
19	795.663	1432	-7.3	-5.1	2.2	8.8	-1.2	-2310983	8.2	
19	795.363	1432.1	-7.6	-5.7	2.2	9	-1	-2303356	8.6	
19	795.063	1432.2	-7.4	-5.1	2.1	8.5	-0.8	-2298299	8.6	
19	794.763	1432.2	-7.1	-4.3	2.2	9.6	-0.8	-2298299	9	
19	794.463	1432	-6.5	-5.1	1.9	9.8	-0.8	-2313537	9.3	
19	794.163	1431.8	-6.9	-3.5	1.6	9.9	-0.9	-2339386	9.9	
19	793.863	1431.5	-6	-2.4	1.5	11.2	-1.1	-2373867	10.3	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
19	793.563	1431.3	-5.3	-2.5	1.2	12.4	-1.1	-2420521	10.5	
19	793.263	1430.9	-5.8	-2.9	0.8	12.9	-1.1	-2477811	11.4	
19	792.963	1430.7	-6.1	-2.3	0.5	13.3	-1.1	-2544047	11.7	
19	792.663	1430.6	-5.1	-1.9	0.2	14.3	-1.1	-2613921	11.7	
19	792.363	1430.5	-5.9	-2.2	0	14	-1.1	-2680858	12.1	
19	792.063	1430.5	-5.2	-2.1	-0.1	13.8	-1.1	-2736929	11.7	
19	791.763	1430.7	-5	-0.9	-0.1	14.1	-1.1	-2784243	11.2	
19	791.463	1430.5	-5.7	0.9	-0.2	13.4	-1.3	-2817968	11	
19	791.163	1430.4	-6.1	-1.8	-0.3	12.3	-1.2	-2840910	10.6	
19	790.863	1430.4	-7.2	-2.1	-0.3	11.8	-1.1	-2860315	10.3	
19	790.563	1430.6	-7.8	-2.8	-0.4	10.7	-0.9	-2868151	9.7	
19	790.263	1430.8	-8	-1.3	-0.3	9.1	-0.8	-2872086	9.1	
19	789.963	1431	-8.6	-2	-0.3	8.4	-0.6	-2864228	8.1	
19	789.663	1431.5	-8.1	-1.6	0	7	-0.4	-2852521	6.9	
19	789.363	1431.9	-8.9	-2.2	0.1	5.9	-0.2	-2840910	6.4	
19	789.063	1432.4	-10.1	-2.9	0.6	4.1	-0.1	-2825574	6	
19	788.763	1432.5	-10.3	-3.4	1	4.2	-0.2	-2814181	6	
19	788.463	1432.7	-11.5	-3.5	1.3	4.4	-0.3	-2799132	5.9	
19	788.163	1433	-11.5	-3.1	2.1	3.2	-0.6	-2780545	5.6	
19	787.863	1433.2	-10.9	-3	2.4	4.2	-0.8	-2769511	5.4	
19	787.563	1433.2	-11.8	-2.7	2.9	2.3	-1.3	-2754935	5.2	
19	787.263	1433.2	-11.2	-1.8	3.3	2.6	-1.7	-2747704	5.1	
19	786.963	1433.3	-11.9	-3	3.4	1.9	-2	-2751315	5.3	
19	786.663	1433.2	-10.7	-0.5	3.2	4.2	-2.2	-2762204	5.7	
19	786.363	1432.9	-10.8	-1.5	3.2	4.6	-2.4	-2780545	6.5	
19	786.063	1432.9	-12.7	-3.3	2.9	5.2	-2.4	-2806636	8	
19	785.763	1432.5	-10.3	-0.2	2.1	8.9	-2.3	-2837060	9.6	
19	785.463	1432.5	-11.3	-1.4	1.6	8.7	-2.1	-2864228	10.8	
19	785.163	1432.2	-9.2	0.7	1.1	11.4	-2	-2895920	11.5	
19	784.863	1431.8	-9.2	0.3	0.4	13.3	-1.7	-2924232	13	
19	784.563	1431.9	-8.1	1.3	-0.2	14.7	-1.2	-2957275	13.7	
19	784.263	1431.9	-8.2	0.6	-0.4	14.5	-0.9	-2991072	14	
19	783.963	1431.7	-7.5	1.2	-0.5	16.2	-0.7	-3025651	14.1	
19	783.663	1432.1	-8.3	-0.1	-0.5	16.1	-0.3	-3070015	14.1	
19	783.363	1432.4	-7.6	0.6	-0.2	15.6	-0.1	-3115700	14	
19	783.063	1432.8	-7.5	-0.2	-0.1	16	0.1	-3157994	13.6	
19	782.763	1433	-6.5	1.1	0.2	14.6	0.2	-3201453	12.5	
19	782.463	1433.1	-7.8	-0.4	0.9	12.9	0.1	-3246125	11.8	
19	782.163	1433.3	-6.3	0.8	1.2	12.6	-0.1	-3286892	10.6	
19	781.863	1433.2	-6.6	-0.1	1.4	11.5	-0.3	-3333997	9.7	
19	781.563	1433	-8.3	-1.4	1.7	9.6	-0.5	-3382472	9.8	
19	781.263	1432.9	-7.9	-1.9	1.6	9.9	-0.7	-3443668	9.4	
19	780.963	1433	-8	-2.7	1.8	9.4	-0.8	-3507119	9.2	
19	780.663	1433	-8.5	-2.7	1.8	9.1	-1	-3566866	9.2	
19	780.363	1433	-7.9	-1.8	1.8	8.5	-1.1	-3628683	8.8	
19	780.063	1432.5	-8.6	-3.5	1.7	8.4	-1.4	-3692681	8.8	
19	779.763	1432.5	-8.4	-2.5	1.5	7.8	-1.4	-3738840	8.6	
19	779.463	1432.3	-8.6	-3.4	1.4	7.5	-1.5	-3765738	8.4	
19	779.163	1431.9	-8.8	-3.8	1.4	8.2	-1.7	-3758977	8.3	
19	778.863	1431.9	-8.5	-2.8	1.2	8.2	-1.7	-3718917	8	
19	778.563	1431.7	-8.7	-2.6	1.1	8	-1.9	-3654014	8.2	
19	778.263	1431.6	-9.3	-2.1	0.9	8.2	-2	-3560800	8.4	
19	777.963	1431.6	-8.6	-0.8	0.8	7.8	-2	-3460744	8.1	
19	777.663	1431.4	-8.5	-0.5	1	7.9	-2.1	-3355369	8	
19	777.363	1431.5	-8.9	-0.3	0.9	8.2	-2	-3266381	8.2	
19	777.063	1431.5	-8.8	-0.7	0.8	7.9	-1.8	-3186835	8.3	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
19	776.763	1431.5	-9.1	-0.2	0.8	8.6	-1.5	-3115700	8.6	
19	776.463	1431.8	-9.6	0.5	0.9	7.7	-1.2	-3065520	8.8	
19	776.163	1432	-9	1.3	0.9	8.5	-0.8	-3030029	8.9	
19	775.863	1432.4	-9.6	1.9	1.1	8.8	-0.6	-3003946	9.1	
19	775.563	1432.5	-8.6	2.9	1.1	8.8	-0.5	-2978308	9.1	
19	775.263	1432.6	-8.3	2.6	1	9.5	-0.2	-2944797	9.5	
19	774.963	1432.7	-9.3	2.5	0.9	8.8	-0.1	-2916087	9.8	
19	774.663	1432.6	-8.2	3	0.8	10.2	0	-2876031	10.3	
19	774.363	1432.4	-9.4	2.5	0.5	10.3	0	-2821766	10.9	
19	774.063	1432.3	-8.4	2.3	0.4	11.3	-0.1	-2762204	10.9	
19	773.763	1432	-8.4	2.4	0.1	12	-0.1	-2694660	11.7	
19	773.463	1432.2	-9.3	3.4	-0.1	12.2	-0.1	-2617188	11.7	
19	773.163	1432.2	-8	2.3	0	12.3	-0.2	-2544047	11.5	
19	772.863	1432.3	-8	3.3	-0.1	12.5	-0.2	-2477811	11.3	
19	772.563	1432.4	-7.6	1.6	-0.1	13	-0.2	-2428945	10.8	
19	772.263	1432.1	-7.4	1.8	-0.2	12.5	-0.3	-2401090	10.7	
19	771.963	1432.3	-8.4	-0.3	-0.1	12.5	-0.2	-2390126	10.4	
19	771.663	1432.3	-7.9	0.3	0.1	11.7	-0.2	-2401090	9.9	
19	771.363	1432	-8.4	-0.9	0	11.6	-0.2	-2428945	9.9	
19	771.063	1432.3	-9.9	-1.6	0.1	10.8	-0.1	-2477811	9.6	
19	770.763	1432.3	-9	-1.4	0.2	10.2	-0.1	-2544047	9.5	
19	770.463	1432.5	-10	-2.5	0.3	10.6	0.1	-2627039	9.5	
19	770.163	1432.6	-10.3	-3.8	0.3	9.1	0.2	-2722692	9	
19	769.863	1432.5	-10.1	-2.3	0.5	9	0.1	-2833221	8.9	
19	769.563	1432.7	-11.6	-5.3	0.8	8.1	0	-2948944	8.4	
19	769.263	1432.5	-10.9	-4.3	0.9	7.1	-0.3	-3074523	7.7	
19	768.963	1432.3	-11.8	-3.5	1.2	6.7	-0.7	-3206356	7.5	
19	768.663	1432.4	-12.9	-5	1.7	5.8	-1.2	-3333997	7	
19	768.363	1432.2	-11.5	-3.5	2	6.3	-1.8	-3460744	7.2	
19	768.063	1431.9	-14.3	-5.8	2	4.8	-2.3	-3591338	8.2	
19	767.763	1431.8	-13.1	-5.2	2.3	5.9	-2.7	-3712323	8.6	
19	767.463	1431.7	-13.1	-4.5	2.4	6.9	-3	-3834707	9.3	
19	767.163	1431.5	-14.2	-5.8	2.4	6.4	-3.3	-3943032	9.9	
19	766.863	1431.4	-12.7	-4.1	2.8	7.9	-3.5	-4034201	10.4	
19	766.563	1431.5	-13.6	-4.8	2.8	8.9	-3.3	-4089356	11.5	
19	766.263	1431.6	-13.4	-4.9	2.9	9.6	-3.2	-4121555	11.9	
19	765.963	1431.8	-12.1	-3.4	3.1	9.9	-3	-4121555	11.8	
19	765.663	1431.9	-11.7	-2.4	3.3	10.6	-2.9	-4097359	11.2	
19	765.363	1431.8	-10.6	-2	3.3	10.3	-2.9	-4049807	10.9	
19	765.063	1432.1	-11.3	-2.8	3.3	9.3	-2.7	-3972961	10.3	
19	764.763	1432.1	-9.7	-0.8	3.3	10.1	-2.7	-3884509	9.6	
19	764.463	1431.8	-9.4	-0.6	2.9	9.4	-2.6	-3786167	9.7	
19	764.163	1431.7	-10.1	-1	2.6	8.8	-2.5	-3692681	9.4	
19	763.863	1431.3	-9.4	0.2	2.3	8.6	-2.6	-3628683	9.1	
19	763.563	1431.2	-8.8	0.2	1.9	8.2	-2.6	-3572953	9.2	
19	763.263	1431.1	-8	1.6	1.5	8.8	-2.4	-3524832	9	
19	762.963	1431	-6.9	1.7	1.2	9.5	-2.1	-3489584	9.4	
19	762.663	1431.3	-7.5	0.8	0.7	10.4	-1.5	-3460744	10.2	
19	762.363	1431.5	-6.2	3.1	0.4	10.8	-0.9	-3432378	10.5	
19	762.063	1431.6	-5.5	2.7	0.2	11.5	-0.5	-3415580	11.1	
19	761.763	1431.7	-5.3	4.1	-0.3	12.4	0.1	-3387945	11.5	
19	761.463	1431.7	-4.3	4.1	-0.3	13	0.5	-3355369	11.7	
19	761.163	1431.9	-3.6	4.8	-0.5	14	1	-3302445	12.1	
19	760.863	1432	-3.8	5.5	-0.7	13.9	1.4	-3221154	12.5	
19	760.563	1432	-3.4	4.6	-0.8	14.3	1.6	-3134357	13.1	
19	760.263	1432.1	-4	4	-1	14.8	1.7	-3034421	13.4	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
19	759.963	1432	-3.3	4.3	-1	14.3	1.6	-2924232	13.1	
19	759.663	1431.9	-2.4	5	-0.9	14.9	1.5	-2814181	12.9	
19	759.363	1432	-2.2	6.2	-0.9	14.2	1.4	-2705104	12.4	
19	759.063	1431.7	-1.9	6	-0.8	13.6	1.1	-2613921	11.9	
19	758.763	1431.7	-2.1	6.3	-0.7	12.8	0.8	-2544047	11.3	
19	758.463	1431.6	-2.3	7.6	-0.4	11.7	0.4	-2504486	10.5	
19	758.163	1431.5	-2.3	6.7	-0.3	11.6	0.2	-2492560	10.2	
19	757.863	1431.4	-3.3	6.7	-0.2	10.2	-0.1	-2501494	9.5	
19	757.563	1431.3	-2.7	7.6	0	9.2	-0.3	-2531742	9	
19	757.263	1431.1	-3.2	6.9	-0.1	8	-0.5	-2581690	8.4	
19	756.963	1431.2	-2.7	8.9	0.2	7	-0.6	-2653676	7	
19	756.663	1431	-2.8	8.1	0.4	6.7	-0.8	-2747704	6.4	
19	756.363	1431.3	-3.7	8.1	0.6	5.1	-0.8	-2852521	6.2	
19	756.063	1431.2	-3.2	9.7	0.5	5.1	-0.8	-2965652	6.1	
19	755.763	1431.2	-4	7.5	0.6	4.1	-0.9	-3083579	6.1	
19	755.463	1431.3	-3.9	10.4	0.9	4.7	-1.1	-3211273	6.1	
19	755.163	1431.3	-2.6	10.5	0.9	5.3	-1.2	-3355369	6.1	
19	754.863	1431.4	-3.3	9.8	1.1	5.1	-1.3	-3501255	6.2	
19	754.563	1431.3	-3.2	11	0.9	5.2	-1.4	-3660403	6.5	
19	754.263	1431.1	-4.3	8.4	0.9	5.1	-1.4	-3827697	7.6	
19	753.963	1431.4	-3	10.6	0.6	7.4	-1.1	-3988096	7.8	
19	753.663	1431.5	-2.1	11.3	0.7	8	-1	-4154266	7.7	
19	753.363	1431.5	-1.7	10.4	0.7	8.8	-0.9	-4317011	7.6	
19	753.063	1431.7	-1.6	10.1	0.7	8.8	-0.8	-4464286	7.5	
19	752.763	1432	-0.9	9.7	0.9	7.9	-0.7	-4591557	7	
19	752.463	1432.1	-1.2	10.1	0.9	9.1	-0.7	-4642462	6.8	
19	752.163	1432.4	-1.1	8.6	1.3	8.8	-0.6	-4621965	6.6	
19	751.863	1432.3	-0.8	8.6	1.5	9.4	-0.7	-4561547	6.5	
19	751.563	1432.6	-1.5	8.6	1.7	7.9	-0.8	-4445329	6.3	
19	751.263	1432.4	-1.5	7.9	1.7	7.2	-1.2	-4290472	6.2	
19	750.963	1432.3	-1.8	7	2	7.2	-1.7	-4105393	6.1	
19	750.663	1432.3	-1.9	6.1	1.9	6.9	-1.9	-3906250	6.1	
19	750.363	1432.3	-0.9	6	2	7.6	-2.1	-3712323	6.1	
19	750.063	1432.3	-3.7	3.8	2.1	6.5	-2.4	-3518908	7.5	
19	749.763	1432.1	-3.3	2.9	2	7.4	-2.7	-3344649	8.4	
19	749.463	1431.9	-3	2.5	2.2	8.4	-3	-3181991	9.6	
19	749.163	1432	-3.2	2.1	2	9.4	-3	-3025651	10.5	
19	748.863	1432.2	-2.9	1.4	2.2	10.2	-2.9	-2891920	11.3	
19	748.563	1432.6	-4	-0.4	2.3	10.8	-2.5	-2773179	12.5	
19	748.263	1432.9	-3.7	0.1	2.3	11.9	-2.2	-2677430	13.1	
19	747.963	1432.8	-3.8	-0.4	2	11.5	-2	-2600932	13.6	
19	747.663	1433.1	-4.1	-0.1	2.2	13.5	-1.7	-2540959	13.8	
19	747.363	1433.2	-3.4	-0.1	2.1	13.4	-1.4	-2498509	13.4	
19	747.063	1433.1	-2.7	-0.3	1.8	13.8	-1.1	-2469045	13.1	
19	746.763	1433.3	-2.6	-0.4	1.6	13	-0.8	-2451699	12.3	
19	746.463	1433.3	-2.1	-0.2	1.3	12.6	-0.5	-2445970	11.5	
19	746.163	1433.2	-2.7	-0.6	1.1	12.4	-0.4	-2443116	11	
19	745.863	1433.3	-3.1	-0.8	1	11	-0.3	-2437428	10.2	
19	745.563	1433.2	-2.4	-0.1	0.9	11.8	-0.2	-2431766	9.9	
19	745.263	1433	-3.9	-0.6	0.4	10	-0.1	-2426130	9.6	
19	744.963	1433	-3.5	-0.8	0.4	9.2	-0.1	-2417726	9.1	
19	744.663	1432.9	-3.8	-0.6	0.4	9.2	-0.1	-2406610	8.9	
19	744.363	1432.9	-3.4	-0.7	0.2	8.7	-0.1	-2398340	8.3	
19	744.063	1432.7	-3.4	-0.6	0.2	7.9	-0.3	-2390126	8	
19	743.763	1432.5	-4.2	-0.5	0.3	7.9	-0.5	-2373867	8.4	
19	743.463	1432.3	-4	-0.8	0.2	8.4	-0.7	-2357827	8.6	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
19	743.163	1432.2	-4.8	-0.8	0.3	8.1	-0.8	-2344626	9.2	
19	742.863	1432.3	-4.5	-0.6	0.5	9.2	-0.8	-2334170	9.2	
19	742.563	1432.2	-3.8	-1.2	0.6	9.8	-1	-2323808	9.4	
19	742.263	1432.2	-5.4	-2.1	0.8	9.2	-1.1	-2316096	10.2	
19	741.963	1432.3	-4.9	-1.7	0.9	9.6	-1.1	-2303356	10.5	
19	741.663	1432.3	-4.4	-0.1	1.1	10.5	-1.1	-2293265	10.7	
19	741.363	1432.2	-4.6	-1.6	1.1	10.9	-1.2	-2285754	11	
19	741.063	1432.2	-4.5	-2.4	1.4	10.8	-1.2	-2283261	11.2	
19	740.763	1432.1	-4.9	-3.2	1.2	11.1	-1.2	-2290756	11.5	
19	740.463	1432.1	-5.1	-3.5	1.2	10.2	-1.2	-2303356	11.7	
19	740.163	1432.1	-4.8	-3.9	1.4	10	-1.4	-2323808	11.6	
19	739.863	1432.1	-4.9	-3.7	1.5	10.7	-1.5	-2352529	11.5	
19	739.563	1432.1	-4.6	-3.5	1.6	10.5	-1.7	-2390126	11.4	
19	739.263	1431.9	-5	-4.2	1.5	10.5	-2	-2445970	11.6	
19	738.963	1432	-4.8	-3.3	1.6	9.9	-2.1	-2513506	11.4	
19	738.663	1431.8	-4.2	-2.7	1.6	9.9	-2.3	-2594486	11.3	
19	738.363	1431.9	-4.2	-2.4	1.8	9.9	-2.3	-2674011	11.2	
19	738.063	1432	-2.7	-0.8	1.6	10.7	-2.1	-2758564	10.4	
19	737.763	1431.9	-2.6	-1.7	1.6	10.6	-2	-2852521	10.5	
19	737.463	1432.1	-2.8	0.9	1.5	10.1	-1.7	-2948944	10.5	
19	737.163	1432.1	-2.4	0.9	1.5	10.5	-1.5	-3038825	10.8	
19	736.863	1432.5	-3.4	-0.4	1.7	9.6	-1.2	-3111070	11.2	
19	736.563	1432.7	-1.9	1.3	1.8	10.8	-1	-3148497	11.1	
19	736.263	1432.8	-1.1	1.8	1.8	11.4	-0.9	-3148497	11.3	
19	735.963	1432.8	-0.8	3.2	1.8	11.6	-1	-3120343	11.3	
19	735.663	1432.8	-0.8	2.9	1.6	10.9	-1.1	-3065520	11.5	
19	735.363	1432.6	-0.6	3.2	1.5	10.8	-1.3	-2999642	11.3	
19	735.063	1432.4	0.1	4.2	1.4	11.9	-1.5	-2920154	11.2	
19	734.763	1432.1	0.5	3.9	1.2	12.4	-1.7	-2837060	11	
19	734.463	1432.1	1.3	4	1	13.3	-1.7	-2754935	10.5	
19	734.163	1431.9	1.7	4.3	0.7	13	-1.7	-2677430	10.1	
19	733.863	1431.9	1.9	4	0.7	12.7	-1.7	-2617188	9.9	
19	733.563	1432.1	2.1	4.8	1	12.9	-1.6	-2575339	9.6	
19	733.263	1432.5	2.4	5.5	1.3	12.3	-1.4	-2547142	8.9	
19	732.963	1432.9	2.5	4.9	1.7	12	-1.2	-2528684	8.2	
19	732.663	1433	1.7	5.6	1.7	10.5	-1.1	-2519555	7.9	
19	732.363	1433.2	0.6	4.1	2	9	-1	-2522591	7.8	
19	732.063	1433.1	0.4	4.2	2.1	9.1	-1.1	-2531742	8	
19	731.763	1433	-0.4	3	2.1	8.7	-1.1	-2544047	8.8	
19	731.463	1432.9	-0.7	2.7	2.1	9.4	-1.1	-2553354	9.4	
19	731.163	1432.6	-1.5	2.7	1.8	9.5	-1.3	-2565871	10.2	
19	730.863	1432.5	-1.2	2.8	1.8	10.9	-1.4	-2575339	10.6	
19	730.563	1432.3	-1.9	2.9	1.2	11.3	-1.4	-2578510	11.3	
19	730.263	1432.3	-1.8	2.7	1	11.8	-1.3	-2581690	11.3	
19	729.963	1432.3	-1.6	2.2	0.6	12.2	-1.3	-2591275	10.8	
19	729.663	1432.2	-2.6	2.8	0.4	11.4	-1.3	-2604167	10.5	
19	729.363	1432.1	-2.3	2.6	0	11.6	-1	-2630340	9.4	
19	729.063	1432	-3.3	1.1	-0.3	9.4	-0.7	-2680858	8.6	
19	728.763	1432.1	-3.6	1	-0.4	8.7	-0.3	-2747704	7.2	
19	728.463	1431.8	-5.3	-0.8	-0.8	6.3	-0.1	-2840910	6.5	
19	728.163	1432	-6.3	-1.4	-0.7	5.6	0.2	-2957275	6.2	
19	727.863	1432.3	-6.2	-1.1	-0.8	5.6	0.5	-3088127	6.1	
19	727.563	1432.8	-6.6	-1.8	-0.4	4.8	0.7	-3231096	6.1	
19	727.263	1433.1	-7.4	-2.5	-0.2	5.6	0.7	-3382472	6.9	
19	726.963	1433.3	-8.6	-4	0.2	5	0.5	-3542725	7.9	
19	726.663	1433.1	-7.4	-2.4	0.6	7.5	0	-3686180	8.4	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
19	726.363	1433	-8.6	-3.8	1	7.4	-0.5	-3820712	9.4	
19	726.063	1432.9	-9	-4.8	1.5	8.8	-1	-3935621	9.9	
19	725.763	1432.7	-9.5	-5.3	1.6	10.1	-1.5	-4049807	10.9	
19	725.463	1432.9	-9.5	-6.8	2	10.2	-1.7	-4170817	11.3	
19	725.163	1432.8	-8.9	-6.3	1.8	11.8	-2	-4299282	11.5	
19	724.863	1432.9	-9.7	-6.9	2	11.4	-2.2	-4435911	11.7	
19	724.563	1433	-9.1	-6.7	2.1	13.2	-2.3	-4581510	11.8	
19	724.263	1433	-9.7	-6.3	2.2	12.2	-2.3	-4726298	12.1	
19	723.963	1433	-9.5	-7.6	2.1	12.9	-2.1	-4880536	12.1	
19	723.663	1433	-10.5	-9.4	1.8	12.8	-1.8	-5057367	12.5	
19	723.363	1433.2	-11.1	-10.3	1.9	12.6	-1.6	-5247494	12.7	
19	723.063	1433	-10.6	-9.8	1.6	12.9	-1.4	-5466710	12.9	
19	722.763	1433.1	-11.8	-11.2	1.6	11.6	-1.1	-5720629	12.7	
19	722.463	1433.2	-11.3	-11.4	1.5	12.4	-0.9	-6033862	12.5	
19	722.163	1433.2	-12.4	-12.9	1.4	11.3	-0.8	-6422546	12.6	
19	721.863	1433.2	-12.1	-13.4	1.3	11.8	-0.7	-6955980	12.3	
19	721.563	1433.1	-12	-13.7	1.3	11.4	-0.8	-7641424	12.2	
19	721.263	1433.2	-12.6	-14.5	1.3	11.8	-0.8	-8476721	12.1	
19	720.963	1433.1	-12.5	-14.6	1.1	12	-0.9	-9738372	12	
19	720.663	1432.7	-11.7	-14.1	1	12.4	-1.1	-1.2E+07	11.9	
19	720.363	1432.5	-12.5	-15	0.7	12	-1.1	-1.5E+07	11.8	
19	720.063	1432.3	-12.6	-14.3	0.5	11.9	-1.1		11.6	
19	719.763	1432.2	-13	-13.6	0.4	12.3	-1.1		11.5	
19	719.463	1432.2	-13.4	-13.8	0.1	11.7	-0.9		11.3	
19	719.163	1432.3	-12.9	-12.5	0.1	11.6	-0.5		11.1	
19	718.863	1432.4	-14.2	-13.5	-0.1	11.3	-0.2		10.9	
19	718.563	1432.6	-14	-12.5	0	10.9	0.2		10.6	
19	718.263	1432.6	-13.8	-12.6	-0.1	10.6	0.6	19208716	10.3	
19	717.963	1432.7	-13.7	-11.8	-0.2	10.6	0.9	17022358	9.7	
19	717.663	1432.6	-14.5	-12.7	-0.2	9.3	1	16230620	9.5	
19	717.363	1432.7	-15.2	-13.6	-0.2	9.5	1.2	16357422	9.4	
19	717.063	1432.8	-15.5	-12.9	-0.1	8.7	1.3	17022358	8.9	
19	716.763	1432.3	-14.8	-12.5	-0.3	9.2	1.1	17743644	8.6	
19	716.463	1432.2	-16.5	-13.2	-0.3	8.4	1	17895299	8.5	
19	716.163	1431.7	-16.1	-12.5	-0.6	8.6	0.7	17447917	8.5	
19	715.863	1431.5	-16.6	-11.3	-0.6	9.1	0.5	16105769	8.8	
19	715.563	1431.6	-16.8	-10.5	-0.6	8	0.4	14146960	8.5	
19	715.263	1431.3	-16	-9.8	-0.5	8.9	0.2	12244152	8.4	
19	714.963	1431.2	-17.6	-11	-0.4	8.5	0	10416667	8.8	
19	714.663	1431	-17.1	-9.7	-0.4	8.7	-0.2	8871822	8.9	
19	714.363	1430.7	-18	-9.4	-0.4	8.6	-0.3	7641424	9.9	
19	714.063	1430.7	-18.6	-11.2	-0.4	9	-0.3	6667994	10.4	
19	713.763	1430.7	-18.5	-9.9	-0.2	9.8	-0.2	5914548	11.2	
19	713.463	1430.6	-19.9	-10.9	-0.6	10.2	-0.1	5354860	12.3	
19	713.163	1430.8	-18.9	-9.4	-0.9	11.8	0.2	4926471	12.8	
19	712.863	1430.7	-18.5	-9	-1.2	12.8	0.5	4601649	13.2	
19	712.563	1430.6	-19.3	-10.4	-1.8	13	0.8	4361980	13.1	
19	712.263	1430.5	-18.3	-8.6	-2.2	14.3	1.1	4179142	13.1	
19	711.963	1430.5	-18.6	-9.5	-2.5	14.6	1.4	4026443	13.1	
19	711.663	1430.7	-17.8	-8.1	-2.5	15.3	1.6	3891729	12.5	
19	711.363	1430.6	-18.2	-8.7	-2.6	14.8	1.6	3758977	12.1	
19	711.063	1431	-19	-8.5	-2.4	14.8	1.9	3622405	11.8	
19	710.763	1431.3	-19.1	-8	-2.4	13.8	2.2	3472223	11.3	
19	710.463	1431.6	-20.3	-9.7	-2.2	12.6	2.4	3318146	11	
19	710.163	1431.9	-20.7	-8.9	-2	11.7	2.7	3167550	10.6	
19	709.863	1432.2	-21.8	-10.5	-1.7	10.6	2.9	3030029	10.4	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
19	709.563	1432.5	-22.3	-9.9	-1.5	10.1	3	2903953	10.2	
19	709.263	1432.6	-22.6	-10.5	-1.5	9.3	3	2795394	10.1	
19	708.963	1432.4	-23.3	-11.3	-1.4	9.4	2.8	2715630	10.4	
19	708.663	1432.3	-24	-11.4	-1.3	9.2	2.5	2653676	10.6	
19	708.363	1432.1	-24.2	-11.7	-1.3	9.4	2.1	2613921	10.8	
19	708.063	1432	-25.3	-13.6	-1.1	9	1.6	2594486	10.9	
19	707.763	1431.8	-24.3	-11.8	-0.8	9.9	1.1	2588072	10.9	
19	707.463	1431.6	-25.7	-13.1	-0.7	9.7	0.6	2588072	11	
19	707.163	1431.6	-25.7	-12.7	-0.5	10.4	0.2	2594486	11	
19	706.863	1431.5	-25.8	-12.4	-0.5	10.6	0	2604167	11.1	
19	706.563	1431.5	-26.3	-13.4	-0.4	10.7	-0.1	2610661	11.1	
19	706.263	1431.3	-26.3	-12.1	-0.5	10.8	-0.2	2610661	11.1	
19	705.963	1431.2	-26.4	-12.4	-0.6	11.4	0	2600932	11.3	
19	705.663	1431.3	-26.6	-12.8	-0.8	11.8	0.3	2581690	10.9	
19	705.363	1431.2	-25.9	-12.2	-0.9	11.2	0.6	2553354	10.6	
19	705.063	1431.2	-27	-12.5	-1.1	11.2	1	2510492	10.5	
19	704.763	1431.3	-28	-12.8	-1.3	10.1	1.3	2454573	10.5	
19	704.463	1431.4	-27.9	-12.4	-1.2	10.7	1.5	2390126	10.7	
19	704.163	1431.6	-28.5	-13.7	-1.4	10.7	1.7	2316096	10.8	
19	703.863	1431.7	-28	-11.5	-1.4	11	1.9	2241703	10.9	
19	703.563	1431.5	-28.9	-12.8	-1.8	10.8	1.9	2169690	11.1	
19	703.263	1431.6	-29.7	-13.1	-1.9	9.7	1.8	2102159	11.1	
19	702.963	1431.2	-28.7	-11.9	-2.1	10.6	1.6	2046677	11.1	
19	702.663	1431.1	-29.7	-13.7	-2.2	10.4	1.4	2001674	11.1	
19	702.363	1430.9	-29.5	-11.9	-2.2	11.2	1.2	1967811	11.1	
19	702.063	1430.8	-29.9	-12.8	-2.3	11	1.1	1944058	11.3	
19	701.763	1431	-30.4	-12.4	-2.3	10.4	1.1	1929724	11.3	
19	701.463	1431.1	-29.8	-11.2	-2.1	11.2	1.1	1924403	11.3	
19	701.163	1431.5	-30.8	-12.3	-1.9	11.1	1.3	1922636	11.3	
19	700.863	1432.1	-30	-10.1	-1.7	11.3	1.6	1927947	10.9	
19	700.563	1432.3	-30.5	-11.6	-1.4	10.5	1.7	1940455	10.6	
19	700.263	1432.5	-30.9	-12.4	-1.5	10.3	1.9	1958607	10.3	
19	699.963	1432.6	-31.3	-12	-1.3	9.3	1.9	1982719	9.9	
19	699.663	1432.6	-31.4	-13.1	-1.3	9.3	1.9	2011288	9.5	
19	699.363	1432.8	-30.5	-11.9	-1.2	9.2	1.9	2042684	8.6	
19	699.063	1432.6	-31.3	-13.5	-1	8.6	1.7	2075075	8.3	
19	698.763	1432.7	-32.4	-14.2	-1	7.3	1.6	2102159	8.2	
19	698.463	1432.9	-31.2	-12.2	-0.6	7.7	1.4	2123479	7.5	
19	698.163	1432.9	-32	-12.9	-0.4	6.6	1.2	2134302	7.2	
19	697.863	1433.2	-32.1	-11.8	0	6.5	1.1	2134302	7	
19	697.563	1433.2	-31.8	-11.1	0.1	6.8	1	2119181	6.7	
19	697.263	1433.2	-32.4	-10.6	0.2	5.9	1	2091659	6.7	
19	696.963	1433.1	-31.9	-9.6	0.1	5.5	1	2052697	6.6	
19	696.663	1432.7	-33.5	-10.9	0	5.7	0.9	2013222	7.7	
19	696.363	1432.6	-32.2	-8.9	-0.3	8.2	1	1973375	8.5	
19	696.063	1432	-32.8	-8.8	-1.2	8.2	1	1933288	9.8	
19	695.763	1431.8	-32.4	-8.2	-1.6	9.9	1.1	1903410	10.6	
19	695.463	1431.7	-32.3	-7	-2.2	11.1	1.3	1881178	11.7	
19	695.163	1431.6	-32.6	-8.3	-2.7	11.8	1.6	1869420	13	
19	694.863	1431.5	-31.7	-6	-3.2	13.8	1.9	1869420	13.6	
19	694.563	1431.2	-31	-5.3	-3.8	14.6	2.1	1874441	14	
19	694.263	1431.1	-31.6	-5.8	-4.2	14.5	2.5	1884564	14.1	
19	693.963	1431.1	-31.4	-5.1	-4.4	14.6	2.7	1896514	14.2	
19	693.663	1431.5	-31.2	-4.9	-4	15.1	2.9	1910357	14.2	
19	693.363	1431.7	-31.4	-5	-3.8	14.5	3	1919112	14.2	
19	693.063	1431.9	-31.4	-4.8	-3.5	15	2.9	1922636	14.1	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
19	692.763	1432.2	-30.9	-5	-3.1	14.6	2.8	1919112	13.5	
19	692.463	1432.4	-31.4	-4.4	-2.8	13.6	2.6	1908615	13.1	
19	692.163	1432.7	-31.3	-3.3	-2.4	12.7	2.4	1893084	12.7	
19	691.863	1432.9	-30.6	-2.7	-2	13	2.2	1876121	12	
19	691.563	1432.9	-31.3	-2.8	-1.8	11.7	1.9	1862768	11.7	
19	691.263	1433.2	-31.3	-3.3	-1.7	11.5	1.7	1851239	11.4	
19	690.963	1433.2	-31	-2.1	-1.7	11.8	1.6	1846341	11.1	
19	690.663	1433.3	-32.3	-2.6	-1.7	10.5	1.5	1849603	11.4	
19	690.363	1433.5	-31.3	-2.6	-1.5	11.8	1.4	1859459	11.4	
19	690.063	1433.8	-32.1	-2.4	-1.3	11.2	1.4	1874441	11.5	
19	689.763	1434.2	-31.6	-2.1	-1	11.5	1.4	1891374	11.2	
19	689.463	1434.4	-31.6	-1.7	-1	11	1.4	1906877	11	
19	689.163	1434.5	-31.3	-0.9	-0.9	11.5	1.4	1919112	10.7	
19	688.863	1434.9	-31.5	-1.7	-0.8	11.3	1.5	1922636	10.3	
19	688.563	1435	-31.9	-1.1	-0.8	9.5	1.5	1919112	10.1	
19	688.263	1435.1	-31.4	-1.4	-0.7	10.6	1.6	1906877	9.5	
19	687.963	1434.9	-32.5	-2	-0.9	8.9	1.6	1886262	9.5	
19	687.663	1434.9	-32.3	-1.4	-1.2	9.7	1.8	1861112	9.4	
19	687.363	1434.9	-32.5	-1.2	-1.4	9.2	1.9	1831803	9.2	
19	687.063	1435.1	-32.7	-1.3	-1.6	8.9	2.1	1801851	9.4	
19	686.763	1435	-32.9	-2.4	-1.5	9	2	1771363	9.7	
19	686.463	1435.1	-33.7	-2.4	-1.6	9	2	1741889	10.2	
19	686.163	1435.3	-31.6	0.8	-1.4	10.8	2	1714784	9.7	
19	685.863	1435	-32.8	-1.6	-1.4	9.5	1.7	1691237	9.8	
19	685.563	1435	-32.5	-0.5	-1.2	10.4	1.6	1668328	9.9	
19	685.263	1434.8	-33	-0.9	-1.1	9.8	1.3	1649922	10	
19	684.963	1434.6	-33.3	-1.5	-1.1	9.8	1	1637022	10.3	
19	684.663	1434.8	-32.8	-0.4	-0.9	10.4	1	1629378	10.3	
19	684.363	1434.5	-33.1	-1.2	-0.9	10.3	0.9	1626846	10.4	
19	684.063	1434.5	-33.5	0	-0.9	10.7	1	1631918	10.5	
19	683.763	1434.4	-33.6	-1.4	-1.3	9.5	1.1	1643447	10.6	
19	683.463	1434.4	-33.6	-0.8	-1.4	9.9	1.4	1663027	10.6	
19	683.163	1434.3	-33.4	-1	-1.6	9.8	1.6	1689872	10.7	
19	682.863	1434.2	-33.4	-1.1	-1.8	10.2	1.8	1723252	10.7	
19	682.563	1434.4	-33.2	-0.6	-1.8	10.2	2	1760934	10.5	
19	682.263	1434.2	-33.1	-1.4	-2.2	10.2	2.1	1800302	10.6	
19	681.963	1434	-33	-2	-2.3	10.3	2.1	1841470	10.6	
19	681.663	1433.8	-33.7	-2.1	-2.5	10.2	1.9	1882870	11	
19	681.363	1433.9	-33.4	-2	-2.4	10.7	1.8	1922636	11.4	
19	681.063	1433.8	-32.9	-1.7	-2.4	11.3	1.6	1960441	11.5	
19	680.763	1433.7	-32.6	-1.2	-2.3	11.8	1.4	1994048	11.7	
19	680.463	1433.6	-32.8	-1.4	-2.1	11.6	1.1	2020995	11.9	
19	680.163	1433.8	-32.4	-1.5	-1.8	12.3	1	2040693	11.9	
19	679.863	1433.8	-32.6	-1.2	-1.6	11.8	0.9	2054711	12	
19	679.563	1434	-32.3	-1	-1.2	12.4	1	2062809	11.9	
19	679.263	1434.3	-32.2	-1.6	-1.1	12.1	1.2	2064843	11.6	
19	678.963	1434.6	-31.8	-0.5	-1.2	11.9	1.5	2062809	11.2	
19	678.663	1434.8	-31.7	-0.4	-1.2	11	1.8	2058752	10.8	
19	678.363	1434.9	-32.1	-1.1	-1.3	10.5	2.1	2050686	10.7	
19	678.063	1434.9	-31.6	0.7	-1.8	10.7	2.4	2042684	10.4	
19	677.763	1434.8	-32.5	-1.2	-2.1	10	2.6	2034743	10.6	
19	677.463	1434.7	-31.6	0.5	-2.4	10.8	2.8	2028828	10.6	
19	677.163	1434.5	-32.5	-0.9	-2.8	10.6	2.9	2024904	11.3	
19	676.863	1434.6	-31.8	-0.2	-2.8	11.8	3	2022948	11.5	
19	676.563	1434.6	-31.7	-0.4	-2.9	11.7	2.9	2019046	11.5	
19	676.263	1434.6	-30.9	0.6	-2.8	12.2	2.9	2017101	11.3	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
19	675.963	1434.6	-31.2	0.7	-2.6	12.2	2.7	2015160	11.2	
19	675.663	1435	-30.9	0.5	-2.3	11.9	2.8	2007431	11.1	
19	675.363	1434.9	-31.4	1.1	-2.2	11.9	2.7	1997854	11	
19	675.063	1434.9	-31	1.3	-2	11.4	2.6	1982719	10.6	
19	674.763	1434.8	-31.3	1.2	-1.9	11.1	2.5	1960441	10.1	
19	674.463	1434.6	-32	0.7	-2	9.5	2.3	1938658	9.7	
19	674.163	1434.5	-32	0.9	-1.8	9	2.1	1913849	9.3	
19	673.863	1434.2	-31.9	1.8	-1.8	8.4	1.8	1891374	8.9	
19	673.563	1434.1	-32.4	-0.8	-1.5	8.1	1.4	1869420	8.6	
19	673.263	1434.1	-31.7	1.1	-1.4	7.9	1	1852877	8.1	
19	672.963	1434	-32	0.5	-1	7.8	0.5	1841470	8	
19	672.663	1433.9	-31.9	1.1	-0.8	7.8	0.2	1835014	8.1	
19	672.363	1433.9	-32	1.3	-0.5	8.4	0	1836624	8.3	
19	672.063	1433.9	-31.8	1	-0.2	9.4	-0.2	1843091	8.4	
19	671.763	1433.9	-31.8	1.3	-0.1	9.5	-0.3	1851239	8.6	
19	671.463	1433.8	-31.8	1.7	0.1	9.6	-0.4	1859459	8.8	
19	671.163	1433.7	-32.5	1.1	0.3	9.9	-0.4	1869420	9.3	
19	670.863	1433.9	-32.2	1.4	0.3	10.2	-0.2	1877804	9.5	
19	670.563	1434.1	-32.2	1.2	0.2	10.6	0.1	1884564	9.5	
19	670.263	1434.1	-32.2	1.2	0	10.9	0.4	1886262	9.5	
19	669.963	1434.1	-32.8	0.4	-0.4	10.3	0.7	1884564	9.6	
19	669.663	1434	-33.5	-0.4	-0.7	10	1	1882870	9.9	
19	669.363	1434.1	-33.4	-0.4	-1	10.3	1.3	1884564	9.9	
19	669.063	1433.9	-33.3	0.4	-1.3	10.5	1.5	1891374	9.9	
19	668.763	1433.6	-33.8	-0.4	-1.7	10.8	1.7	1903410	10	
19	668.463	1433.5	-34.1	-1.2	-2.1	10	1.9	1922636	10.1	
19	668.163	1433.6	-34.6	-2	-2.2	9.6	2	1947675	10.2	
19	667.863	1433.5	-35.2	-2.4	-2.4	9.7	2	1978971	10.4	
19	667.563	1433.6	-35	-2.6	-2.4	10.4	2.1	2013222	10.5	
19	667.263	1433.5	-35.3	-2.7	-2.6	11.2	2.1	2046677	10.5	
19	666.963	1433.7	-35.8	-3.5	-2.7	10.4	2.2	2079196	10.7	
19	666.663	1433.6	-36	-3.8	-2.8	10.5	2.2	2112766	10.9	
19	666.363	1433.4	-36.7	-4.9	-2.8	9.9	2.1	2140849	11.1	
19	666.063	1433.4	-35.8	-4.1	-2.8	11.4	2.1	2167444	10.6	
19	665.763	1433.6	-35.9	-3.8	-2.7	11	2.1	2185544	10.1	
19	665.463	1433.7	-36.8	-5.2	-2.5	9.6	2.1	2206270	9.7	
19	665.163	1433.7	-37	-4.5	-2.6	9.7	2.1	2225027	9.6	
19	664.863	1434	-38.4	-6.8	-2.2	7.7	2.2	2244106	9.4	
19	664.563	1434.2	-37.5	-5	-1.9	8.6	2.2	2263514	8.8	
19	664.263	1434.5	-37.9	-6.1	-1.6	7.5	2.3	2280774	8	
19	663.963	1434.7	-37.2	-5.5	-1.3	7.4	2.3	2293265	7	
19	663.663	1434.7	-39	-8.1	-1.3	5.5	2.4	2298299	7.2	
19	663.363	1434.8	-38.9	-7.7	-1.1	4.9	2.4	2290756	6.8	
19	663.063	1434.7	-38.3	-7.4	-1.3	6.8	2.3	2275816	6.8	
19	662.763	1434.7	-39.2	-7.8	-1.1	4.4	2.2	2251345	6.4	
19	662.463	1434.4	-38.1	-7.1	-1.3	6.4	1.9	2222665	6.2	
19	662.163	1434.2	-38.7	-7.4	-1.3	4.9	1.7	2190116	6.1	
19	661.863	1434.1	-38.8	-6.8	-1.4	5.2	1.6	2154065	6.1	
19	661.563	1433.9	-38.4	-6.4	-1.4	4.7	1.4	2117038	6.1	
19	661.263	1433.8	-38.9	-7	-1.4	5.5	1.2	2079196	6.1	
19	660.963	1433.5	-38.1	-5.7	-1.5	6.2	1.1	2042684	6.3	
19	660.663	1433.6	-39.8	-8.1	-1.3	5	1	2009358	7	
19	660.363	1433.4	-37.5	-5.5	-1.5	8.3	1	1980843	7.5	
19	660.063	1433.6	-38.2	-6.3	-1.2	6.3	1.1	1956776	8	
19	659.763	1433.4	-37.6	-5.6	-1.2	8.8	1	1936865	9.2	
19	659.463	1433.3	-37.9	-6.1	-1.3	9.4	0.9	1920872	10.3	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
19	659.163	1433.2	-36.8	-5	-1	10.9	0.8	1910357	10.9	
19	658.863	1433.2	-37.7	-5.9	-1.1	11.8	0.8	1905142	11.9	
19	658.563	1433.1	-37.1	-4.6	-0.9	12	0.7	1901681	12.6	
19	658.263	1433.1	-37.4	-5.2	-0.9	13.9	0.7	1903410	13.5	
19	657.963	1433.1	-37.4	-5.2	-0.8	12.7	0.7	1908615	13.4	
19	657.663	1433	-34.9	-2.7	-1	15.6	0.8	1915600	13.3	
19	657.363	1433.1	-35.7	-2.9	-1.2	14.4	1.1	1929724	12.8	
19	657.063	1433.2	-35.3	-1.8	-1.3	14.2	1.3	1945865	12.3	
19	656.763	1433	-35.2	-1.8	-1.7	13.7	1.4	1967811	12	
19	656.463	1433.2	-36.2	-2.9	-1.8	12.1	1.6	1995949	11.2	
19	656.163	1433.2	-35	-1.2	-1.9	12.9	1.7	2026864	10.5	
19	655.863	1433.1	-35.7	-1.6	-2.4	11.5	1.9	2064843	9.9	
19	655.563	1433	-35.9	-1.3	-2.4	10.2	1.9	2112766	9.1	
19	655.263	1432.9	-36.3	-1.1	-2.4	8.6	1.9	2169690	8.9	
19	654.963	1433	-37.1	-2.1	-2.1	7.9	1.8	2239306	8.8	
19	654.663	1433.2	-36.5	-1.2	-1.9	8.2	1.7	2326390	8.6	
19	654.363	1433.4	-37	-1.2	-1.5	7.7	1.6	2428945	8.6	
19	654.063	1433.6	-36.5	-0.5	-1.5	8.1	1.6	2559597	8.6	
19	653.763	1433.8	-37.6	-0.9	-1.4	6.9	1.6	2726238	9	
19	653.463	1434.1	-37.2	-1.4	-1.2	7.6	1.7	2932424	9.2	
19	653.163	1434	-36.6	-0.7	-1.3	8.6	1.6	3162765	9.2	
19	652.863	1433.9	-37.1	-0.3	-1.2	7.7	1.5	3410017	9.5	
19	652.563	1433.6	-36.7	0.3	-1.5	8.8	1.4	3666813	9.8	
19	652.263	1433.6	-36.9	1.5	-1.6	8.7	1.4	3898976	10.3	
19	651.963	1433.6	-37	0.5	-1.7	9	1.4	4105393	10.5	
19	651.663	1433.8	-35.9	2	-1.7	9.5	1.4	4255590	10.6	
19	651.363	1433.9	-36	1.2	-1.6	10	1.4	4281698	10.7	
19	651.063	1434.1	-35.6	3.4	-1.8	10.7	1.4	4204318	11.1	
19	650.763	1434.3	-36	2.9	-1.7	9.2	1.5	4089356	11.5	
19	650.463	1434.4	-34.3	4	-1.7	11.4	1.6	3957940	11.3	
19	650.163	1434.4	-34.3	4.9	-1.7	10.1	1.7	3834707	11.2	
19	649.863	1434.3	-34.1	4	-1.9	11.2	1.8	3732175	11.1	
19	649.563	1434.4	-33.9	4.8	-2	10.8	1.9	3628683	11	
19	649.263	1434.6	-33.1	5.7	-1.9	10.2	1.9	3536740	11	
19	648.963	1434.5	-32.9	5.5	-1.9	10.8	1.8	3472223	11.2	
19	648.663	1434.9	-33.1	5.8	-1.7	10.1	1.9	3449341	11.2	
19	648.363	1434.9	-30.8	7.3	-1.8	11.2	1.8	3438014	10.7	
19	648.063	1435.1	-31.8	8	-1.4	9.4	1.7	3426760	10.6	
19	647.763	1435.3	-29.8	7.7	-1.2	10.1	1.6	3421161	9.9	
19	647.463	1435.2	-31.4	6.8	-0.8	8.4	1.3	3421161	10.2	
19	647.163	1435.4	-30.3	7.3	-0.5	9.5	1.2	3443668	10.2	
19	646.863	1435.4	-28.7	9.2	-0.4	9.1	1	3489584	9.6	
19	646.563	1435.3	-28.9	7.9	0	8.8	0.7	3548729	9.3	
19	646.263	1435.4	-28.4	9.3	0.2	9.4	0.5	3634983	8.9	
19	645.963	1435.5	-26.7	10.4	0.8	7.5	0.2	3738840	8.4	
19	645.663	1435.3	-26.8	10.6	1	7.8	-0.2	3877315	8.2	
19	645.363	1435.4	-25.6	11.8	1.3	7.1	-0.5	4049807	7.8	
19	645.063	1435.1	-25.1	9.8	1.6	8	-0.9	4255590	7.6	
19	644.763	1435.1	-25.3	10.4	1.8	7.2	-1.3	4493026	7.5	
19	644.463	1435	-23.4	11.9	2.1	7.5	-1.6	4780251	7.2	
19	644.163	1434.7	-23.9	11.3	2.3	7.6	-2.1	5131741	7.3	
19	643.863	1434.5	-24.7	11.5	2.3	6.1	-2.7	5568484	7.5	
19	643.563	1434.1	-20.8	14.2	1.9	8.6	-3	6122076	7.6	
19	643.263	1434	-21	14.7	2	9	-2.8	6864754	7.6	
19	642.963	1433.9	-20	15.9	1.7	8.8	-2.5	7812500	7.3	
19	642.663	1433.6	-19.6	16.7	1.5	8.6	-2.1	9103261	7.2	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
19	642.363	1433.7	-19.7	17.4	1.2	9.3	-1.5	10904948	7	
19	642.063	1433.5	-18.6	17.9	0.5	8.9	-1	13684641	7	
19	641.763	1433.7	-19.5	17.5	-0.2	9.9	-0.2	18366228	7.9	
19	641.463	1434.4	-18.1	18.4	-0.8	12.1	1.1		8.2	
19	641.163	1434.8	-16.9	20.7	-1.1	11.5	2.1		8.6	
19	640.863	1434.4	-17.9	19.3	-1.8	11.8	2.5		9.6	
19	640.563	1434	-17.5	19.1	-2.4	12	2.7		10.2	
19	640.263	1433.2	-16.9	20.2	-3.1	14.3	2.7		11.4	
19	639.963	1432.9	-18.8	17.9	-3.4	12.4	2.6	-1.6E+07	12.2	
19	639.663	1433	-17.6	19.3	-3.3	14	2.6	-1.3E+07	12.7	
19	639.363	1433.4	-19	18	-2.9	13.4	2.4	-1E+07	12.9	
19	639.063	1433.7	-19.4	16.5	-2.6	11.6	1.9	-8834388	12.6	
19	638.763	1433.4	-18.8	17.2	-2.4	11.3	1.2	-7783457	12.5	
19	638.463	1433.4	-19.1	16.5	-2.1	11.6	0.9	-7002509	12.5	
19	638.163	1433.6	-18.6	17.4	-1.7	11.5	0.9	-6422546	12.5	
19	637.863	1433.6	-20	14.3	-1.2	9.4	0.8	-5965100	12.2	
19	637.563	1433.8	-18.3	16	-0.8	11.1	0.8	-5598262	11.5	
19	637.263	1434	-19.2	14.9	-0.5	8.6	0.7	-5327608	11.1	
19	636.963	1434.1	-19.5	14.4	-0.4	8.8	0.5	-5106708	10.9	
19	636.663	1434.4	-18.7	14.4	-0.1	9	0.4	-4949764	10.8	
19	636.363	1434.4	-18.3	14.6	0.5	8.8	0.2	-4846644	11	
19	636.063	1434.7	-18.6	14.5	0.9	8.4	0.1	-4769363	10.8	
19	635.763	1434.8	-17.6	13.2	1.2	8.2	-0.1	-4726298	10.5	
19	635.463	1434.8	-17.5	14.3	1.6	8.6	-0.4	-4736991	10.5	
19	635.163	1434.8	-16.9	12.9	1.7	7.8	-0.6	-4769363	10.4	
19	634.863	1434.7	-15.8	15.6	1.8	8.8	-0.8	-4835451	10.3	
19	634.563	1434.6	-15.8	14.5	1.9	8.6	-1.1	-4949764	10.1	
19	634.263	1434.4	-14.4	14.3	1.9	8.9	-1.4	-5081918	9.9	
19	633.963	1434.1	-13.3	15.6	1.9	9.5	-1.6	-5273930	9.7	
19	633.663	1433.9	-13.2	15.2	1.8	9.6	-1.8	-5553714	9.5	
19	633.363	1433.7	-11.9	14.8	1.7	9.7	-2	-5914548	9.4	
19	633.063	1433.6	-11.1	15.7	1.6	10.3	-2.1	-6287538	9.3	
19	632.763	1433.6	-10.4	15.2	1.9	9.6	-2.3	-6625791	8.9	
19	632.463	1433.5	-9.3	15.8	1.9	10.2	-2.4	-6910066	8.8	
19	632.163	1433.4	-9.1	16.2	2	10.4	-2.5	-7073480	8.6	
19	631.863	1433.4	-8.1	15.3	2	10.7	-2.5	-7097458	8.6	
19	631.563	1433.3	-7.9	16	2.2	10.6	-2.6	-6932947	8.9	
19	631.263	1433.2	-7.9	16.8	2.2	10.6	-2.7	-6522586	8.8	
19	630.963	1433.2	-6.8	14	2.4	11	-2.7	-5999284	8.6	
19	630.663	1433.3	-6.6	14.4	2.5	10.6	-2.6	-5524407	8.4	
19	630.363	1433.2	-5.2	14.8	2.3	11	-2.4	-5119193	7.7	
19	630.063	1433.2	-5.6	14	2.2	9.6	-2.2	-4780251	7.3	
19	629.763	1433.2	-6	13.7	2	8.9	-2	-4502689	6.9	
19	629.463	1433.4	-6	12.6	2	7.8	-1.7	-4264257	6.4	
19	629.163	1433.3	-5.8	13.7	1.9	7.9	-1.6	-4081384	6.2	
19	628.863	1433.4	-6.2	11.9	1.8	7.6	-1.4	-3950472	6.1	
19	628.563	1433.3	-6.5	10.4	1.4	6.6	-1.1	-3877315	6	
19	628.263	1433.2	-6.4	11.5	1.2	6.7	-0.9	-3820712	6	
19	627.963	1433.1	-6.6	10.9	0.9	5.6	-0.8	-3752241	6	
19	627.663	1432.9	-6.5	10.4	0.8	5.8	-0.7	-3679702	6	
19	627.363	1432.9	-6.8	12	0.7	6.3	-0.6	-3597509	6.1	
19	627.063	1432.8	-6.6	11	0.3	6.4	-0.5	-3507119	6.1	
19	626.763	1432.8	-7.1	11.9	0.2	6.9	-0.3	-3426760	6.6	
19	626.463	1432.8	-7.5	11.9	-0.1	7.1	-0.2	-3344649	6.8	
19	626.163	1432.8	-7.4	11.4	0	7.9	-0.2	-3276605	6.9	
19	625.863	1432.6	-7.6	11.5	-0.4	8.3	-0.2	-3216206	7	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
19	625.563	1432.7	-7.1	11.5	-0.5	8.6	-0.1	-3167550	6.6	
19	625.263	1432.4	-6.9	13.1	-0.7	9.2	-0.2	-3134357	6.4	
19	624.963	1432.4	-8	10.3	-0.7	8	-0.3	-3101852	6.3	
19	624.663	1432.5	-7.7	11.5	-0.6	7.9	-0.3	-3070015	6.2	
19	624.363	1432.5	-9	10.5	-0.2	7.8	-0.5	-3043242	7.4	
19	624.063	1432.7	-9.5	9.2	0.1	8.9	-0.6	-3021285	8.2	
19	623.763	1432.8	-10.2	8.1	0.5	9.2	-0.7	-2999642	9.7	
19	623.463	1433.2	-11.3	7.3	1.2	9.3	-0.7	-2978308	11	
19	623.163	1433.5	-11.6	6	1.5	9.4	-0.7	-2957275	12	
19	622.863	1433.7	-13	4.5	2	9.3	-0.8	-2932424	13.3	
19	622.563	1434	-12.6	4.3	2.3	10.9	-0.8	-2907987	13.8	
19	622.263	1434	-12.2	3.6	2.4	10.9	-0.8	-2879987	14	
19	621.963	1433.5	-11.6	4.2	2.1	12.8	-0.9	-2860315	14.1	
19	621.663	1433.5	-12.9	1.5	1.8	11.6	-0.9	-2844770	14.1	
19	621.363	1433.2	-12	1.3	1.5	12.5	-0.8	-2840910	13.7	
19	621.063	1432.8	-11.5	1.7	0.7	13.5	-0.7	-2852521	13.3	
19	620.763	1432.7	-10.8	1.1	0.2	13.2	-0.5	-2876031	11.9	
19	620.463	1432.6	-11	0.1	-0.3	12.7	-0.3	-2907987	11	
19	620.163	1432.5	-11.4	-1	-0.6	11.4	-0.2	-2948944	10.2	
19	619.863	1432.3	-10.5	-1.2	-1	10.9	-0.1	-3003946	8.8	
19	619.563	1432.2	-11.6	-2.5	-0.8	9.3	0	-3070015	8.3	
19	619.263	1432.4	-11.3	-3.2	-0.9	9.4	0.2	-3139056	7.3	
19	618.963	1432.3	-11.4	-3.5	-0.8	7.8	0.2	-3221154	6.6	
19	618.663	1432.4	-12	-4.1	-0.6	7.5	0.2	-3302445	6.5	
19	618.363	1432.5	-12.7	-5.9	-0.5	5.8	0.1	-3371579	6.4	
19	618.063	1432.6	-12.4	-5.8	-0.2	6.2	-0.1	-3438014	6.2	
19	617.763	1432.7	-12.5	-7.3	-0.1	6.4	-0.3	-3495409	6.4	
19	617.463	1432.8	-13	-7.4	0.2	5.6	-0.5	-3548729	6.7	
19	617.163	1432.6	-13.5	-7.5	0.3	7.3	-0.8	-3597509	7.8	
19	616.863	1432.7	-13.8	-7.8	0.4	7.2	-0.9	-3641305	8.5	
19	616.563	1432.6	-13.2	-7.4	0.5	8.4	-1.1	-3654014	8.9	
19	616.263	1432.8	-14.5	-8.3	0.7	7.9	-1.1	-3634983	9.6	
19	615.963	1433.1	-13.3	-6.8	1	9.5	-1.1	-3591338	9.6	
19	615.663	1433.3	-13.8	-7.4	1.1	8.8	-1.1	-3524832	9.7	
19	615.363	1433.7	-13.5	-6.9	1.6	9.2	-1.1	-3432378	9.6	
19	615.063	1433.8	-13.2	-6.7	1.8	9.4	-1.3	-3328697	9.7	
19	614.763	1433.9	-14.4	-7.6	2.2	9	-1.5	-3206356	10.4	
19	614.463	1434	-13.7	-7.1	2.5	10	-1.7	-3070015	10.6	
19	614.163	1434	-13.9	-6.8	2.8	9.5	-1.9	-2948944	10.7	
19	613.863	1433.9	-13.6	-6.1	2.8	10.4	-2.1	-2840910	10.7	
19	613.563	1433.9	-13.6	-6.2	3	9.7	-2.3	-2762204	10.9	
19	613.263	1433.9	-13.3	-5.7	3.2	10.3	-2.5	-2698132	11.1	
19	612.963	1433.8	-13.7	-6.6	3.2	10	-2.7	-2650317	11.5	
19	612.663	1433.9	-12.7	-5.8	3.5	10.6	-2.9	-2613921	11.5	
19	612.363	1433.7	-12.5	-4.5	3.4	11.4	-3.1	-2581690	11.8	
19	612.063	1433.7	-12.4	-4.7	3.2	11.2	-3	-2553354	11.8	
19	611.763	1433.6	-12.1	-3.1	3.1	11.3	-2.9	-2528684	11.6	
19	611.463	1433.6	-12.1	-2.6	2.9	11.1	-2.7	-2498509	11.6	
19	611.163	1433.4	-11.5	-1.3	2.4	11.1	-2.4	-2457454	11	
19	610.863	1433	-11.2	0.1	1.9	11.6	-2.1	-2403847	10.7	
19	610.563	1432.9	-10.8	0.8	1.6	12.3	-1.8	-2331571	10.3	
19	610.263	1432.8	-10.4	2.6	1	11.6	-1.4	-2256197	9.9	
19	609.963	1433	-9.8	2.8	0.9	11.7	-0.9	-2180990	9.2	
19	609.663	1432.9	-9.9	2.3	0.4	11.2	-0.5	-2108510	8.7	
19	609.363	1432.8	-9.7	1.9	0.1	11.2	-0.2	-2040693	8.2	
19	609.063	1432.9	-9.6	3.3	-0.1	11.1	0.1	-1973375	7.4	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
19	608.763	1432.9	-9.6	2.4	-0.1	9.9	0.2	-1912101	6.6	
19	608.463	1432.6	-10.9	0.6	-0.4	9.1	0.2	-1856162	6.6	
19	608.163	1432.5	-11.9	-1.1	-0.6	7.7	0.3	-1806515	6.6	
19	607.863	1432.5	-11.5	-0.5	-0.5	8.1	0.2	-1766879	6.2	
19	607.563	1432.4	-12.1	-0.7	-0.8	7.1	0.2	-1734674	6.1	
19	607.263	1432.4	-12.4	-1.9	-0.6	7.4	0.2	-1707790	6.1	
19	606.963	1432.3	-13.4	-1.8	-0.6	6.7	0.2	-1685790	6.1	
19	606.663	1432.3	-14.5	-3.2	-0.4	5.1	-0.1	-1665673	6.1	
19	606.363	1432.3	-14.3	-2.9	-0.1	5.4	-0.5	-1646031	6.2	
19	606.063	1432.6	-15.5	-3.5	0.5	6	-0.9	-1624322	7.2	
19	605.763	1432.7	-15.2	-2.5	1	8	-1.3	-1600727	8.1	
19	605.463	1432.8	-16.4	-4	1.3	7.5	-1.7	-1574249	9.1	
19	605.163	1433	-16.5	-4	2	8.5	-2.1	-1546345	9.8	
19	604.863	1432.7	-17.4	-4.4	2.2	8.9	-2.7	-1518311	10.8	
19	604.563	1432.5	-18.2	-4.7	2.5	9.9	-3.2	-1492339	12.1	
19	604.263	1432.7	-17.4	-3.6	2.7	11.4	-3.3	-1469299	12.4	
19	603.963	1432.8	-17.3	-4.1	2.6	11.3	-3.3	-1448963	12.5	
19	603.663	1433.4	-17.6	-3.1	2.5	11.7	-2.8	-1431136	12.3	
19	603.363	1433.6	-18.3	-5	2.6	10.4	-2.5	-1417570	12.1	
19	603.063	1433.8	-18	-4.2	2.7	11	-2.1	-1408037	11.7	
19	602.763	1433.8	-18.2	-4.7	2.5	9.9	-1.9	-1402379	11.2	
19	602.463	1434	-18.5	-5.3	2.9	9.7	-1.8	-1401440	10.7	
19	602.163	1434.2	-18.6	-4.2	3.1	9.3	-1.7	-1405202	10.3	
19	601.863	1434.3	-18.4	-4.7	3.3	8.5	-1.7	-1408985	9.8	
19	601.563	1434.7	-17.9	-4	3.9	8.5	-1.9	-1411835	9.1	
19	601.263	1434.8	-18.4	-4.8	4.2	7.4	-2.2	-1414697	8.8	
19	600.963	1434.3	-18.1	-4.5	4.1	7.8	-2.6	-1416611	8.7	
19	600.663	1433.6	-18.1	-4.8	4	7.6	-3.2	-1416611	8.7	
19	600.363	1433.3	-17.3	-3.6	3.7	8.9	-3.3	-1413742	8.7	
19	600.063	1433.1	-17.6	-4.9	3.3	8.6	-3.4	-1407091	8.7	
19	599.763	1433.1	-17	-4.5	3.2	9.6	-3.4	-1396766	8.8	
19	599.463	1432.7	-16.8	-4.4	2.6	9.9	-3.3	-1382927	9.2	
19	599.163	1432.5	-17.2	-5.1	2.1	9.4	-3.3	-1367571	9.7	
19	598.863	1432.1	-16.5	-4.4	1.5	10.6	-3.2	-1349067	9.9	
19	598.563	1431.9	-16.2	-4.7	1.6	10.6	-3.1	-1327680	9.9	
19	598.263	1431.9	-16.1	-4.9	1.9	10.7	-3	-1306146	9.8	
19	597.963	1432.1	-16.7	-5.9	2.1	9.8	-2.7	-1283723	9.9	
19	597.663	1432.3	-16.6	-6.2	2.3	10	-2.5	-1262057	9.8	
19	597.363	1432.4	-17	-7.2	2.5	8.5	-2.4	-1240374	9.7	
19	597.063	1432.5	-16.5	-6.6	2.8	8.8	-2.4	-1219425	9.5	
19	596.763	1432.7	-16	-6.3	3.2	9.1	-2.4	-1199171	9.2	
19	596.463	1432.7	-15.9	-6.3	3.6	8.7	-2.6	-1182243	8.8	
19	596.163	1432.6	-15.6	-6	3.7	8.4	-2.8	-1169041	8.7	
19	595.863	1432.4	-15.9	-5	3.7	8	-3	-1159974	8.6	
19	595.563	1432.1	-15.9	-4	3.6	8.1	-3.3	-1153583	8.6	
19	595.263	1431.9	-15.9	-4.4	3.5	8.3	-3.5	-1151046	8.3	
19	594.963	1431.6	-14.5	-2.4	3.4	9.5	-3.8	-1151046	7.9	
19	594.663	1431.4	-14.8	-2.4	3.2	8.6	-3.9	-1155493	7.8	
19	594.363	1431.4	-14.5	-1.1	3.2	8.5	-3.9	-1163196	7.8	
19	594.063	1431.4	-15	-0.5	3.2	8.4	-3.9	-1171658	8.2	
19	593.763	1431.5	-14.5	-0.2	3.2	8.8	-3.9	-1179579	8.2	
19	593.463	1431.6	-14.4	1.1	3.1	9.2	-3.7	-1184249	8.3	
19	593.163	1431.6	-14	1.2	3	9.8	-3.5	-1186934	8.5	
19	592.863	1431.5	-15.2	1.2	2.8	9.6	-3.3	-1186934	9.1	
19	592.563	1431.6	-15.1	1.4	2.8	9.9	-3	-1184919	9.6	
19	592.263	1431.7	-14.7	2.7	2.6	10.2	-2.7	-1180909	9.7	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
19	591.963	1431.6	-14.5	3.7	2.4	10.4	-2.6	-1173628	9.7	
19	591.663	1431.4	-14.5	2.9	2.2	10.9	-2.6	-1163842	9.9	
19	591.363	1431.7	-14.6	2.7	2.3	10.9	-2.4	-1152947	10	
19	591.063	1432	-14.7	2.9	2.4	10.3	-2.2	-1142255	10.1	
19	590.763	1432.1	-14.8	3.5	2.4	10.1	-2.1	-1132370	10	
19	590.463	1432.1	-15.5	2.5	2.5	10.3	-2.1	-1124464	10.1	
19	590.163	1432.1	-16.3	1.9	2.5	9.9	-2.1	-1117860	10.4	
19	589.863	1432.2	-15.7	2.8	2.5	10.2	-2	-1112515	10.3	
19	589.563	1432.2	-15.9	2.7	2.6	9.7	-2	-1109567	10.1	
19	589.263	1432.3	-16	2.4	2.6	9.6	-1.9	-1108392	9.7	
19	588.963	1432.2	-16.5	1.4	2.5	8.6	-2	-1108979	9.3	
19	588.663	1432.1	-15.4	3	2.6	9.4	-2.3	-1111924	8.6	
19	588.363	1432	-15.7	2.4	2.4	9.1	-2.4	-1116073	8.5	
19	588.063	1431.9	-16.1	2	2.4	8.8	-2.5	-1122054	8.5	
19	587.763	1431.8	-16.5	0.8	2.3	9.2	-2.6	-1127492	8.6	
19	587.463	1431.7	-16.4	1.2	2.3	8.2	-2.7	-1132370	8.3	
19	587.163	1431.6	-16.5	0.5	2.1	9	-2.7	-1137909	8.4	
19	586.863	1431.7	-17.3	-0.5	2.3	7.7	-2.7	-1144127	8.4	
19	586.563	1431.8	-16.9	0.3	2.4	8.8	-2.6	-1150413	8.3	
19	586.263	1431.7	-17.7	-1.2	2.4	7.6	-2.5	-1158049	8.6	
19	585.963	1431.9	-17.9	-1.7	2.5	7.6	-2.3	-1167086	8.6	
19	585.663	1431.9	-17.3	-1.2	2.4	8.7	-2.3	-1177589	8.7	
19	585.363	1432.1	-17.9	-1.2	2.4	7.2	-2.1	-1190308	8.5	
19	585.063	1432	-16.9	-0.3	2.4	9	-2.1	-1204691	8.8	
19	584.763	1432.1	-18.3	-1.3	2.4	8	-2	-1220847	8.9	
19	584.463	1431.9	-17.1	-0.6	2.3	8.6	-2	-1236711	9	
19	584.163	1431.8	-18.3	-2.3	2.3	7.8	-2	-1250748	9.2	
19	583.863	1431.6	-17.9	-2	2.3	8.4	-2.1	-1262057	9.3	
19	583.563	1431.5	-18.1	-2.5	2.2	8.6	-2.1	-1271252	9.8	
19	583.263	1431.7	-18.4	-2.5	2.4	8.1	-2.1	-1276678	9.4	
19	582.963	1431.8	-16.7	-0.8	2.5	8.6	-2.1	-1279018	9.1	
19	582.663	1431.7	-17.8	-1.9	2.5	7.7	-2.2	-1279018	9.6	
19	582.363	1431.8	-18.4	-3.9	2.6	8.3	-2.4	-1276678	9.8	
19	582.063	1431.4	-16.1	-1.3	2.6	9.2	-2.8	-1272024	10	
19	581.763	1431.2	-16.9	-2.4	2.6	10.2	-3.2	-1268941	10.5	
19	581.463	1431.1	-16.3	-1.3	2.8	10.6	-3.6	-1267404	10.8	
19	581.163	1430.9	-15.9	-1.4	2.8	11.8	-3.9	-1265107	11.4	
19	580.863	1430.9	-17	-2.6	2.9	11.4	-4.2	-1262818	11.7	
19	580.563	1430.8	-14.4	-0.4	2.9	13	-4.5	-1260537	11.7	
19	580.263	1430.9	-14.9	0.3	2.9	13.3	-4.4	-1259021	11.9	
19	579.963	1431.1	-15.5	-0.4	2.7	13.3	-4.3	-1256754	11.5	
19	579.663	1431.4	-13.5	1.2	2.7	13	-3.9	-1252993	11.3	
19	579.363	1431.9	-14.8	-0.3	2.9	12.9	-3.5	-1248510	11.1	
19	579.063	1432.2	-14.3	0.2	2.9	12.4	-3.2	-1241846	10.6	
19	578.763	1432.6	-14.5	0.1	3	11.6	-2.7	-1234524	10.4	
19	578.463	1432.8	-14.9	-0.2	2.9	12.3	-2.4	-1228728	10.1	
19	578.163	1433.1	-14.8	0	2.8	10	-2	-1221559	9.9	
19	577.863	1433.2	-14.8	0.7	2.7	10.2	-1.8	-1213769	9.8	
19	577.563	1433.6	-16.2	0.1	2.9	9.2	-1.7	-1206078	9.5	
19	577.263	1433.7	-14.3	1.4	2.7	10.2	-1.5	-1199171	9.5	
19	576.963	1433.8	-16.3	-0.4	2.4	9.5	-1.4	-1193701	9.9	
19	576.663	1433.9	-16	0	2.6	9.4	-1.4	-1189632	9.9	
19	576.363	1433.6	-15.4	1.1	2.2	10.8	-1.4	-1186934	10	
19	576.063	1433.7	-17.1	-1.7	2.2	9.1	-1.4	-1184249	9.5	
19	575.763	1433.7	-15.3	0.4	2.1	10	-1.4	-1180909	9	
19	575.463	1433.7	-15.6	0.5	1.9	9.4	-1.4	-1178915	8.8	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
19	575.163	1433.7	-16.4	0.1	1.8	9.4	-1.4	-1176265	8.5	
19	574.863	1433.6	-16.5	-0.1	1.8	8.6	-1.5	-1174286	8.4	
19	574.563	1433.6	-16.9	-0.4	1.8	9.3	-1.7	-1171658	8.2	
19	574.263	1433.3	-16.6	0.7	1.6	8.7	-2	-1168389	8.3	
19	573.963	1433	-17.9	-1	1.7	7.8	-2.4	-1165138	8.5	
19	573.663	1433	-18.5	-0.8	2	7.9	-2.7	-1162550	8.4	
19	573.363	1433	-17.7	0.2	2.3	7.9	-3	-1161260	8.4	
19	573.063	1433.1	-17.6	-0.3	2.7	7.6	-3.2	-1161905	8.3	
19	572.763	1433.1	-18.4	-0.5	2.9	7.3	-3.3	-1164490	8.3	
19	572.463	1433	-19.1	-2.2	3	7.7	-3.3	-1169694	9	
19	572.163	1433.2	-19.7	-1.4	3.3	7.3	-3.3	-1177589	9.4	
19	571.863	1433.4	-18	-0.9	3.5	8.9	-3	-1188956	9.6	
19	571.563	1433.7	-18.9	-0.6	3.8	8.3	-2.8	-1204691	9.7	
19	571.263	1433.6	-18.9	-1	3.7	8.3	-2.7	-1223701	9.9	
19	570.963	1433.7	-19	-0.9	3.6	8.6	-2.5	-1244059	10.1	
19	570.663	1433.5	-18.3	0.1	3.4	8.1	-2.4	-1265872	10	
19	570.363	1433.2	-18.4	-1.7	3.2	8.7	-2.3	-1288463	10.1	
19	570.063	1433	-19.1	-1.3	3.2	8.7	-2.4	-1307778	9.8	
19	569.763	1432.8	-18.3	0.1	3	8.7	-2.5	-1324321	9.4	
19	569.463	1432.5	-17.9	-1.8	2.6	8.5	-2.6	-1335301	9.3	
19	569.163	1432.4	-17.1	-0.2	2.5	8.1	-2.8	-1340430	8.3	
19	568.863	1432.1	-16.1	0.2	2.3	8.6	-3	-1341289	7.8	
19	568.563	1432.2	-17.3	-1.4	2.4	8.1	-3.1	-1336153	7.2	
19	568.263	1431.9	-15.2	1.8	2.4	8	-3.4	-1328523	6.5	
19	567.963	1431.5	-15.6	-1.2	2.2	7.9	-3.6	-1316825	6.3	
19	567.663	1431.4	-16.8	-1.9	2.1	6.7	-3.7	-1304518	6.2	
19	567.363	1431.4	-15.5	0	2.1	7.9	-3.7	-1294037	6.2	
19	567.063	1431.6	-16.1	-2.6	2.2	7.1	-3.5	-1283723	6.1	
19	566.763	1431.8	-14.8	0	2.3	7.7	-3.3	-1274347	6.1	
19	566.463	1432	-14.8	-0.5	2.4	7.5	-3	-1265872	6.4	
19	566.163	1432.2	-17.4	-2.9	2.5	6.4	-2.9	-1258264	7.2	
19	565.863	1432.4	-15.1	-0.2	2.8	8.2	-2.8	-1250748	8.1	
19	565.563	1432.7	-16	-1.2	3.1	8.5	-2.6	-1242583	9.2	
19	565.263	1432.9	-15.4	-0.6	3.2	10.1	-2.5	-1233070	9.9	
19	564.963	1433.1	-16	0.2	3.2	10	-2.4	-1221559	11.2	
19	564.663	1433.2	-16.4	-2.1	3.2	11.2	-2.4	-1208864	12.3	
19	564.363	1433.2	-15.7	0.6	3.2	11.8	-2.5	-1197799	13	
19	564.063	1433.1	-15.7	0.3	2.9	12.3	-2.5	-1188282	13.7	
19	563.763	1432.9	-15.9	-0.5	2.7	14.6	-2.5	-1182243	14	
19	563.463	1432.8	-15.3	1.8	2.3	14.2	-2.3	-1178251	14.1	
19	563.163	1432.8	-15	0.3	2	14.6	-2	-1176265	13.8	
19	562.863	1433.1	-14.4	1.2	2	14.1	-1.7	-1176927	12.4	
19	562.563	1433.2	-14.1	2.3	1.8	13.8	-1.4	-1178915	11.7	
19	562.263	1433.2	-14.5	2	1.6	13	-1.2	-1181576	10.8	
19	561.963	1433.3	-14.2	2.7	1.7	12	-1.1	-1185590	9.5	
19	561.663	1433.3	-13.8	2.8	1.5	11	-0.9	-1187608	8.6	
19	561.363	1433.3	-15.6	2.3	1.7	8.4	-0.9	-1189632	7.8	
19	561.063	1433.1	-15.7	2.8	1.8	7.2	-1.1	-1190985	6.8	
19	560.763	1432.9	-15.6	2.1	1.8	6	-1.3	-1190985	6.3	
19	560.463	1432.8	-16.9	0.7	1.9	5.3	-1.6	-1190308	6	
19	560.163	1432.6	-16.4	2	2	4.7	-2	-1189632	6	
19	559.863	1432.4	-16.9	2.2	2	4.4	-2.3	-1190308	6	
19	559.563	1432.2	-17.7	2	2	2.9	-2.6	-1191663	6	
19	559.263	1432.2	-16.6	1.4	2.2	4.1	-2.9	-1195747	6	
19	558.963	1432.1	-16.4	2.5	2.2	5.2	-3.1	-1201924	6	
19	558.663	1432.1	-17	1.9	2.4	3.7	-3.3	-1211662	6	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
19	558.363	1432	-15.6	3.4	2.3	5.4	-3.3	-1223701	6.3	
19	558.063	1431.9	-18	0.3	2.4	4.2	-3.4	-1239640	7.1	
19	557.763	1432	-16.1	2.3	2.5	6.5	-3.3	-1256754	7.5	
19	557.463	1432.3	-16	3.1	2.6	6.7	-3	-1273572	7.8	
19	557.163	1432.3	-15.1	3.2	2.5	8	-2.8	-1289256	8.3	
19	556.863	1432.5	-15.6	2.3	2.5	8	-2.6	-1300467	9.3	
19	556.563	1432.7	-15.5	1.6	2.8	8.9	-2.5	-1307778	10.3	
19	556.263	1432.9	-13.7	2.4	3	11.6	-2.4	-1311053	10.7	
19	555.963	1433.1	-13.7	3.6	3.2	11.1	-2.4	-1311875	11	
19	555.663	1433.1	-13.2	2	3.5	12.6	-2.5	-1311053	11.2	
19	555.363	1433	-13.7	1.9	3.5	12.2	-2.7	-1310233	11.7	
19	555.063	1433	-12.9	3.9	3.7	12.6	-3	-1310233	11.7	
19	554.763	1432.9	-11.9	3.6	3.9	13.1	-3.3	-1312697	11.3	
19	554.463	1433	-12	4.1	3.8	13.9	-3.3	-1317654	11.3	
19	554.163	1432.7	-11.7	3.1	3.5	13.9	-3.4	-1325159	11.2	
19	553.863	1432.6	-12.2	2.6	3.1	12.9	-3.3	-1333600	11.5	
19	553.563	1432.6	-12	5.4	3	12.7	-3.3	-1339573	10.8	
19	553.263	1432.3	-11.3	3.8	2.8	12.9	-3.3	-1341289	10.8	
19	552.963	1432.4	-12.2	3.8	2.8	12.7	-3.1	-1337006	10.5	
19	552.663	1432.4	-11.7	3.7	2.7	11.6	-3	-1326839	9.9	
19	552.363	1432.4	-12.3	3.7	2.7	11.1	-2.9	-1311875	10.1	
19	552.063	1432.5	-13.5	2.9	2.5	10	-2.7	-1293238	10	
19	551.763	1432.4	-13.2	2.5	2.6	9.6	-2.7	-1271252	9.7	
19	551.463	1432.6	-13.5	2.2	2.6	10.5	-2.5	-1247023	9.7	
19	551.163	1432.7	-14.1	1.8	2.6	8.2	-2.5	-1222986	9.1	
19	550.863	1432.4	-13.5	1.8	2.4	8.7	-2.5	-1202615	8.9	
19	550.563	1432.4	-15	0	2.2	7.6	-2.5	-1185590	8.4	
19	550.263	1432.4	-13.9	0.5	2.2	7.3	-2.4	-1172971	7.8	
19	549.963	1432.4	-14.7	-0.6	2.1	7.3	-2.3	-1163842	7.4	
19	549.663	1432.3	-15	-0.5	2.1	6.2	-2.3	-1156131	6.5	
19	549.363	1432.3	-14.6	-0.4	1.8	6.3	-2	-1150413	6.3	
19	549.063	1432.4	-16.4	-2.6	1.9	3.5	-1.9	-1146633	6	
19	548.763	1432.6	-14.5	1.1	1.7	5.6	-1.6	-1144127	5.7	
19	548.463	1432.8	-15.2	0.5	2	4.5	-1.4	-1144127	5.8	
19	548.163	1433	-16.2	-0.6	2	3.7	-1.2	-1144753	5.8	
19	547.863	1432.8	-15	1.9	1.8	4.7	-1.3	-1146006	6.1	
19	547.563	1432.7	-16.9	-0.5	1.8	2.9	-1.5	-1146633	6.6	
19	547.263	1432.6	-15.8	1.1	1.5	5.4	-1.7	-1146633	7.7	
19	546.963	1432.5	-15.9	1.8	1.6	5.7	-2.1	-1147262	8.6	
19	546.663	1432.3	-14.2	2.4	1.5	8.9	-2.4	-1148520	9.4	
19	546.363	1432.2	-14.6	1.8	1.5	8.9	-2.6	-1151679	10.3	
19	546.063	1432	-14.3	2.7	1.4	10.2	-2.8	-1154855	10.8	
19	545.763	1431.9	-13.2	2.4	1.6	12.1	-2.9	-1159331	11.3	
19	545.463	1432.1	-13.3	4.7	1.9	12	-2.7	-1165138	11.3	
19	545.163	1432.5	-11.7	4.4	2.4	13.8	-2.5	-1172971	11	
19	544.863	1433.2	-12	4	2.9	13.3	-2.1	-1182911	10.6	
19	544.563	1433.8	-11.3	3.8	3.2	13.1	-1.8	-1193701	10.1	
19	544.263	1434	-10.9	4.7	3.4	12.3	-1.6	-1203998	9.7	
19	543.963	1434.1	-11.8	3.7	3.3	11.1	-1.5	-1213769	9.4	
19	543.663	1434	-12.3	1.4	3.6	9.8	-1.8	-1222272	8.8	
19	543.363	1433.5	-11.8	1.9	3.2	10	-2.1	-1228728	8.5	
19	543.063	1433	-12.9	0.3	2.9	8.2	-2.5	-1235252	8.3	
19	542.763	1432.5	-12.2	1.5	2.4	8.8	-2.9	-1240374	8.4	
19	542.463	1432.3	-13.6	-0.7	2	7.1	-3.2	-1244799	8.5	
19	542.163	1432.3	-12.7	-0.8	2	7.5	-3.5	-1248510	8.4	
19	541.863	1432.1	-12.8	-0.8	2.2	7.4	-3.9	-1250748	8.5	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
19	541.563	1432.4	-12.4	-0.7	2.8	8.3	-4.1	-1252993	8.4	
19	541.263	1432.4	-12.3	-0.1	3.1	8.8	-4.2	-1252244	8.8	
19	540.963	1432.9	-13.5	-1.5	3.6	6.9	-4	-1250748	8.7	
19	540.663	1433.1	-12.2	-0.9	4	8.9	-3.8	-1247766	9.1	
19	540.363	1433.6	-13.5	-1.3	4.7	7.2	-3.5	-1243321	9.2	
19	540.063	1433.8	-12.4	-0.7	5.2	8.1	-3.4	-1236711	8.6	
19	539.763	1433.7	-12.2	0.1	5.4	7.4	-3.5	-1228007	8.2	
19	539.463	1433.6	-12.5	1	5.4	7	-3.5	-1218006	8.2	
19	539.163	1433.3	-12.8	0.4	5	6.7	-3.5	-1205384	8.8	
19	538.863	1433.1	-12.3	1.2	4.5	7.7	-3.5	-1191663	9.4	
19	538.563	1433.2	-11.6	2.5	4.1	8.8	-3.3	-1176265	9.7	
19	538.263	1432.8	-11	2.5	3.3	9.6	-3.2	-1159974	10	
19	537.963	1432.3	-10.7	4.3	2.5	10.6	-3.2	-1142255	10.2	
19	537.663	1431.7	-10.2	3.7	1.7	11.2	-3.2	-1126279	10.4	
19	537.363	1431.3	-10.1	4.6	1.1	12.3	-3	-1111924	11	
19	537.063	1431.2	-9.8	5.2	0.9	13.3	-2.7	-1099660	11	
19	536.763	1431.2	-8.9	5.7	0.7	14.1	-2.4	-1090496	10.5	
19	536.463	1431.7	-8.9	7.5	0.8	13.8	-2	-1082602	9.9	
19	536.163	1432	-8	6.5	0.8	13.3	-1.9	-1075926	8.9	
19	535.863	1432.2	-9.1	6.1	1.1	11.4	-1.7	-1070426	8.6	
19	535.563	1432.4	-8.8	7.4	1.4	10.8	-1.6	-1065523	7.8	
19	535.263	1432.5	-9.6	5.4	1.7	9.6	-1.5	-1060665	7.1	
19	534.963	1432.6	-10.5	6.4	1.9	8.9	-1.5	-1055319	6.5	
19	534.663	1432.5	-11.6	4.2	2	6.6	-1.7	-1048449	6.1	
19	534.363	1432.6	-12.1	3.8	2.3	5.6	-1.8	-1040633	6.1	
19	534.063	1432.8	-13.3	0.9	2.5	5.1	-2	-1032932	6.1	
19	533.763	1433	-13.1	1.5	2.8	4.1	-2.1	-1026350	6	
19	533.463	1432.9	-12.7	1.6	3	5.2	-2.4	-1022340	6.1	
19	533.163	1433	-12.9	0.3	3	4.7	-2.4	-1021343	6.1	
19	532.863	1433	-14.1	-0.8	3	4.3	-2.4	-1023340	6.5	
19	532.563	1433.1	-15.7	-4	3	4.1	-2.4	-1027861	7.6	
19	532.263	1433.2	-14.4	-2.4	3.1	6.1	-2.4	-1034974	8.1	
19	531.963	1433	-14.3	-3	2.8	6.7	-2.4	-1045309	8.6	
19	531.663	1433	-15.6	-4.7	2.7	6.4	-2.4	-1059056	9	
19	531.363	1432.7	-14.4	-2.6	2.5	7.7	-2.6	-1075926	9.4	
19	531.063	1432.5	-14.5	-2.2	2.3	7.5	-2.7	-1095059	9.8	
19	530.763	1432.4	-14.2	-2.4	2.4	7.8	-2.9	-1114291	9.9	
19	530.463	1432.3	-14.1	-1.2	2.6	8.8	-3.1	-1134825	9.9	
19	530.163	1432.4	-13.9	-1.7	2.7	9.9	-3.3	-1155493	9.9	
19	529.863	1432.5	-13.2	0.4	2.8	8.8	-3.5	-1176265	9.7	
19	529.563	1432.6	-12.7	0	3.2	9.2	-3.7	-1198484	9.4	
19	529.263	1432.7	-12.6	0.2	3.3	10.2	-3.8	-1220847	9.1	
19	528.963	1432.7	-12.3	0.1	3.5	9.5	-3.9	-1242583	8.8	
19	528.663	1432.9	-11.6	0.7	3.9	10.2	-3.9	-1262057	8.4	
19	528.363	1432.9	-11.3	2.2	3.9	9.5	-3.9	-1277457	8	
19	528.063	1432.7	-12	0.2	3.9	9.3	-4	-1289256	8.2	
19	527.763	1432.9	-12.1	1.4	3.9	9.4	-3.9	-1295639	8.1	
19	527.463	1433.1	-10.2	2.2	3.9	9.8	-3.9	-1297244	7.2	
19	527.163	1433.2	-10.6	1.6	3.8	9.3	-3.8	-1294037	7.1	
19	526.863	1433.5	-11.7	0.8	4	8	-3.7	-1285299	7	
19	526.563	1433.4	-11.5	1.3	4	8.2	-3.8	-1272024	7.3	
19	526.263	1433.4	-12.3	0	3.8	8.1	-3.8	-1255247	8	
19	525.963	1433.5	-11.4	0.2	3.9	8.4	-3.8	-1237442	7.8	
19	525.663	1433.4	-12	-1	3.9	8.8	-3.8	-1218715	8	
19	525.363	1433.5	-12.8	-2.1	3.8	8.6	-3.6	-1199858	8.2	
19	525.063	1433.6	-12.4	-2.2	3.8	7.7	-3.5	-1182243	8.3	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
19	524.763	1433.7	-12.9	-2.8	3.8	7.9	-3.4	-1165786	8.7	
19	524.463	1433.8	-12.8	-3	3.6	8.3	-3.3	-1151679	8.5	
19	524.163	1433.7	-12.5	-3.6	3.6	8.6	-3.1	-1137909	8.5	
19	523.863	1433.9	-13.1	-4.2	3.4	8.8	-2.8	-1125069	8.6	
19	523.563	1433.9	-12.7	-4.7	3.2	8.4	-2.6	-1112515	8.6	
19	523.263	1433.9	-13.7	-4.6	3.1	7.9	-2.3	-1101395	8.9	
19	522.963	1433.8	-14.2	-5.4	2.6	7.9	-2.1	-1090496	8.9	
19	522.663	1433.6	-13.4	-3.8	2.2	8.5	-2	-1079811	9.1	
19	522.363	1433.5	-13.6	-3.1	2	8.7	-1.8	-1070426	9.1	
19	522.063	1433.4	-13.4	-1.8	1.6	8.6	-1.5	-1063359	8.9	
19	521.763	1433.1	-13.6	-1.5	1.2	8.4	-1.3	-1059056	9.1	
19	521.463	1433.2	-14.2	-0.9	1	8.2	-1	-1058520	9.2	
19	521.163	1433.1	-13.5	-0.4	0.7	8.2	-0.8	-1062280	9.2	
19	520.863	1432.9	-13.4	-0.7	0.5	8.8	-0.7	-1069879	9.4	
19	520.563	1433.1	-13.6	-0.7	0.4	9	-0.4	-1082043	9.4	
19	520.263	1433.2	-13.1	1	0.4	8.9	-0.2	-1097930	9.6	
19	519.963	1432.9	-13.4	2.3	0.3	9	-0.2	-1116668	9.9	
19	519.663	1432.9	-13.4	1	0.3	9.4	-0.2	-1137291	9.9	
19	519.363	1432.7	-13.2	1.1	0.5	9.2	-0.3	-1158049	10	
19	519.063	1432.5	-13.4	2.2	0.5	10.1	-0.5	-1178251	10.1	
19	518.763	1432.4	-12.2	2.2	0.7	10.4	-0.9	-1197114	9.6	
19	518.463	1432.3	-11.9	2.6	1.1	9.5	-1.3	-1213769	9.3	
19	518.163	1432.4	-12.3	1.9	1.5	8.7	-1.7	-1228728	8.6	
19	517.863	1432.3	-11.4	2.7	2	8.3	-2.4	-1242583	8.1	
19	517.563	1432.1	-11.3	2.6	2.5	8.3	-3	-1254495	7.9	
19	517.263	1432.2	-12.3	0.9	2.9	7	-3.4	-1266638	7.5	
19	516.963	1432	-11.1	1.6	3.3	6.9	-3.8	-1278237	7.4	
19	516.663	1431.8	-12.6	0	3.6	5.6	-4.1	-1289256	7.4	
19	516.363	1432.1	-12.5	-0.2	4.2	3.8	-4.2	-1301275	7	
19	516.063	1432.1	-10.7	0.9	4.4	5.6	-4.3	-1311875	6.8	
19	515.763	1432.2	-11.2	0.1	4.5	4.5	-4.3	-1321813	6.8	
19	515.463	1432.2	-10.1	1.9	4.6	4.9	-4.3	-1331056	6.9	
19	515.163	1432.3	-9.9	2.2	4.7	5.9	-4.1	-1337006	7.8	
19	514.863	1432.5	-10.2	0	4.8	5.9	-4	-1342149	8	
19	514.563	1432.3	-8	2.6	4.5	7.6	-3.9	-1345599	8.2	
19	514.263	1432.2	-8.3	3.4	4.5	7.2	-4	-1348198	7.6	
19	513.963	1431.8	-6.3	5.2	3.9	9.3	-4.1	-1349067	7.5	
19	513.663	1431.7	-7.2	5.1	3.7	7.3	-4.2	-1347331	7.4	
19	513.363	1431.6	-5.5	5.9	3.4	9.2	-4.3	-1343872	7.2	
19	513.063	1431.6	-4.8	7.2	3.1	9.1	-4.3	-1336153	7	
19	512.763	1431.3	-4.6	8.2	2.7	9.4	-4.3	-1324321	7.1	
19	512.463	1431.2	-4	8.4	2.3	10.8	-4.1	-1309413	7.3	
19	512.163	1431.3	-3.7	9.2	2	10	-3.7	-1291642	7.3	
19	511.863	1431.5	-3.2	9.6	1.9	10.6	-3.2	-1270481	7.4	
19	511.563	1431.9	-3.7	8.8	1.9	9.9	-2.5	-1247023	7.7	
19	511.263	1432.3	-3.4	9.7	1.8	10.6	-1.9	-1222986	7.7	
19	510.963	1432.8	-3.8	8.9	1.8	9.8	-1.3	-1200546	8.1	
19	510.663	1433.3	-3.7	10	1.7	10.1	-0.7	-1180909	8.2	
19	510.363	1433.6	-3.8	10.4	1.7	9.6	-0.3	-1163842	8.3	
19	510.063	1433.6	-4.8	8.6	1.6	9.5	-0.1	-1149151	9.1	
19	509.763	1433.8	-4.9	8.7	1.7	9.2	-0.1	-1137291	9.2	
19	509.463	1433.5	-4.5	8.9	1.6	9.2	-0.4	-1127492	9.1	
19	509.163	1433.3	-5.5	8.1	1.5	9.1	-0.7	-1119654	9.4	
19	508.863	1433.1	-5.3	8.9	1.5	9.2	-1.1	-1113106	9.3	
19	508.563	1432.9	-5.4	8.1	1.6	10	-1.5	-1108392	9.7	
19	508.263	1433	-6.3	7.1	1.8	9.2	-1.8	-1104883	9.6	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
19	507.963	1433	-5.6	8	1.9	9.6	-2.1	-1102555	9.6	
19	507.663	1433	-6.4	6.7	2.3	9.5	-2.3	-1101975	9.7	
19	507.363	1433.1	-6.1	7.3	2.1	9.8	-2.3	-1103718	9.4	
19	507.063	1433.1	-5.9	7.5	2.3	9.6	-2.3	-1106050	9.2	
19	506.763	1433.1	-6.6	6.6	2.3	9.5	-2.3	-1109567	9.1	
19	506.463	1433.1	-7	6.4	2.3	8.7	-2.3	-1114884	9	
19	506.163	1432.8	-7.5	4.7	2.2	8.2	-2.5	-1121453	9	
19	505.863	1432.8	-8.1	3.8	2.2	8.3	-2.6	-1128708	9.1	
19	505.563	1432.7	-7.4	4.9	2.2	8.6	-2.7	-1136057	8.6	
19	505.263	1432.5	-7.6	3.8	2.4	8.7	-2.9	-1142255	8.5	
19	504.963	1432.7	-8.1	3.2	2.5	7.9	-2.9	-1147262	8.3	
19	504.663	1432.7	-8	4.3	2.7	7.3	-3	-1151679	8.2	
19	504.363	1432.9	-8.4	2.7	3	7.6	-3	-1155493	8.1	
19	504.063	1433.1	-8	4.6	3.3	7.3	-3	-1159974	7.5	
19	503.763	1433.2	-7.9	4.6	3.7	7.2	-3	-1164490	7.4	
19	503.463	1433.3	-8.2	2.5	4	7.6	-3	-1170348	7.7	
19	503.163	1433.3	-9.2	2	4.2	5.9	-3.2	-1177589	8	
19	502.863	1433.1	-9.1	1	4.3	6.4	-3.5	-1186934	8.6	
19	502.563	1433.1	-9.2	0.7	4.4	7.2	-3.8	-1197799	9.1	
19	502.263	1433	-8.2	2	4.5	8.4	-4	-1208166	9.4	
19	501.963	1432.8	-9.1	-1.1	4.3	9	-4.2	-1217298	10.3	
19	501.663	1432.5	-8.6	-0.3	4.1	9.4	-4.4	-1224416	10.8	
19	501.363	1432.2	-7.9	-1.6	3.6	11	-4.3	-1228007	11.5	
19	501.063	1431.9	-8.1	-0.9	2.9	11.6	-4	-1228728	11.9	
19	500.763	1431.8	-6.8	-1.3	2.5	12.9	-3.6	-1227287	11.3	
19	500.463	1432.1	-6.2	-1.4	2.2	13.1	-3	-1222272	10.7	
19	500.163	1432.3	-6.4	-1.8	2	11.4	-2.5	-1215884	9.9	
19	499.863	1432.3	-6.4	-2.4	1.6	10.4	-2.1	-1208864	9.4	
19	499.563	1432.4	-7.1	-3.4	1.6	10.1	-1.8	-1202615	8.9	
19	499.263	1432.6	-6.3	-3.1	1.7	9.5	-1.6	-1198484	7.8	
19	498.963	1432.7	-7	-3.3	1.8	8.1	-1.6	-1195747	7.2	
19	498.663	1432.7	-7.3	-3.9	1.8	7.1	-1.7	-1195747	6.9	
19	498.363	1432.6	-7.5	-3.7	1.8	5.8	-1.9	-1196430	7	
19	498.063	1432.7	-8.1	-4.4	1.9	5.3	-2.1	-1199171	7.2	
19	497.763	1432.5	-6.6	-2.8	2.1	6.1	-2.5	-1201924	6.6	
19	497.463	1432.5	-6.5	-1.7	2.2	6.1	-2.7	-1204691	6.4	
19	497.163	1432.4	-7.5	-2.6	2.4	5.6	-3	-1206078	7	
19	496.863	1432.5	-7.4	-2.9	2.7	5.9	-3.2	-1206774	7.6	
19	496.563	1432.8	-7.8	-2.3	3	6.8	-3.2	-1206774	8.6	
19	496.263	1433.3	-6.9	-1.6	3.4	8.2	-3.1	-1206774	8.7	
19	495.963	1433.5	-5.7	-0.3	3.7	9	-3.1	-1207470	8.7	
19	495.663	1433.7	-6.1	0.2	3.8	8.6	-3.1	-1208166	8.6	
19	495.363	1433.6	-5.8	-0.2	3.9	8.2	-3.3	-1208864	8.6	
19	495.063	1433.7	-6	0.4	4.1	8.2	-3.3	-1209562	8.8	
19	494.763	1433.6	-5.2	0.9	4.1	9.6	-3.3	-1208864	8.6	
19	494.463	1433.5	-5	0.9	4	9.5	-3.3	-1206774	8.7	
19	494.163	1433.3	-5.1	1.5	3.7	9.8	-3.3	-1202615	8.8	
19	493.863	1433.2	-5.4	1.6	3.5	9.6	-3.4	-1197114	9.6	
19	493.563	1433.2	-4.4	3.1	3.3	10.6	-3.3	-1190985	10	
19	493.263	1433.3	-4.1	4	3	11.9	-3.2	-1184249	10.7	
19	492.963	1433.4	-4.1	3.3	2.8	11.4	-2.9	-1178915	10.9	
19	492.663	1433.3	-4.4	3.2	2.4	12	-2.7	-1176265	11.3	
19	492.363	1433.3	-4.8	3.3	2.3	11.1	-2.6	-1176265	11.4	
19	492.063	1433.1	-4.1	3.9	1.9	11.9	-2.4	-1178251	11.3	
19	491.763	1433	-4.3	4.1	1.7	11.6	-2.2	-1182243	11.4	
19	491.463	1433	-3.9	4.1	1.5	12.2	-2	-1186934	11.2	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
19	491.163	1433	-4.2	3.7	1.4	11.7	-1.8	-1190985	11.5	
19	490.863	1433.3	-4.4	3.8	1.5	11.2	-1.5	-1193701	11.2	
19	490.563	1433.4	-3.4	5.8	1.4	11.5	-1.4	-1194382	10.8	
19	490.263	1433.6	-4.3	4.8	1.6	10.7	-1.2	-1192342	10.5	
19	489.963	1433.7	-3.8	5.4	1.7	11	-1.1	-1188956	10.1	
19	489.663	1433.8	-4.4	3.8	1.8	9.6	-1	-1184919	9.5	
19	489.363	1433.8	-3.8	5.3	1.8	9.6	-1	-1181576	8.8	
19	489.063	1433.7	-4.5	4.1	1.8	8.1	-1.1	-1179579	8.3	
19	488.763	1433.6	-4.3	3.6	1.6	7.9	-1.1	-1180909	7.6	
19	488.463	1433.3	-4.6	3.5	1.5	7.4	-1.4	-1184919	7.3	
19	488.163	1433.4	-4	2.8	1.7	6.6	-1.4	-1191663	6.5	
19	487.863	1433.1	-4.6	1.6	1.5	6.4	-1.7	-1200546	6.2	
19	487.563	1432.9	-4.7	1.7	1.6	5.7	-1.9	-1212364	6	
19	487.263	1432.8	-4.8	1.6	1.8	5.9	-2.1	-1224416	6	
19	486.963	1433	-4.9	2.2	2.2	5.8	-2.2	-1236711	5.9	
19	486.663	1433.1	-4.7	1.6	2.5	7.1	-2.3	-1247766	5.9	
19	486.363	1433.1	-5	2	2.6	5.7	-2.3	-1256000	6	
19	486.063	1433.1	-5	2.3	2.8	6.1	-2.4	-1259779	6	
19	485.763	1432.9	-4.8	2.7	2.6	6.1	-2.5	-1260537	6	
19	485.463	1432.9	-5.3	2.8	3	5.9	-2.6	-1259021	6	
19	485.163	1432.7	-5	1.6	3.1	6.3	-2.8	-1256754	6.1	
19	484.863	1432.5	-4.9	1.6	3	6.1	-3	-1252993	6.1	
19	484.563	1432.3	-5.7	1.8	3.1	6.2	-3.3	-1249255	7.2	
19	484.263	1432.1	-7.2	0.2	3	5.9	-3.6	-1245540	8.4	
19	483.963	1432.1	-5	2.8	3.3	9	-3.8	-1241846	8.9	
19	483.663	1432.1	-5.5	1.4	3.4	9.5	-3.9	-1238907	9.8	
19	483.363	1432.2	-5.8	-0.1	3.7	9.9	-4	-1234524	10.8	
19	483.063	1432	-5.7	0.4	3.5	10.6	-4	-1229449	11.5	
19	482.763	1432	-5.6	0.2	3.5	11.5	-3.9	-1222272	11.9	
19	482.463	1432.1	-5	1	3.8	12.2	-3.8	-1213769	12.1	
19	482.163	1432.1	-4.5	0.7	3.8	13.6	-3.7	-1205384	11.9	
19	481.863	1432.3	-4.6	0.4	4	13.7	-3.6	-1195747	11.7	
19	481.563	1432.2	-5.1	0	4	12.3	-3.7	-1184919	11.5	
19	481.263	1432.2	-5.4	0	4	12	-3.7	-1173628	11.3	
19	480.963	1432.2	-5	-0.6	3.9	12	-3.6	-1161905	10.3	
19	480.663	1432.1	-4.4	-0.3	3.7	11.8	-3.5	-1149782	9.3	
19	480.363	1432	-5.3	-1.2	3.4	10	-3.3	-1137909	8.6	
19	480.063	1431.8	-5.3	-0.9	2.8	9.5	-3	-1126885	8.3	
19	479.763	1431.7	-6.6	-1.8	2.5	8	-2.7	-1116073	8.4	
19	479.463	1431.7	-5.9	-1.8	2	9	-2.3	-1106050	8.3	
19	479.163	1431.7	-6.7	-2.4	1.6	8.3	-1.9	-1097355	8.3	
19	478.863	1431.8	-6.8	-2.9	1.2	8.5	-1.4	-1091633	8.3	
19	478.563	1431.7	-7.7	-3.5	0.8	7.9	-1.1	-1088229	8.9	
19	478.263	1431.8	-8	-3.6	0.7	7.9	-0.9	-1088795	9.1	
19	477.963	1431.8	-7.9	-4.5	0.6	8.4	-0.8	-1091633	9.1	
19	477.663	1431.9	-7.9	-3.6	0.7	8.2	-0.8	-1097355	9.1	
19	477.363	1431.8	-8	-4.2	0.8	9	-1	-1106050	9.2	
19	477.063	1431.8	-8.7	-4.3	1	8.4	-1.3	-1118458	9.9	
19	476.763	1431.8	-8.3	-4.5	1.3	9.4	-1.7	-1134210	10	
19	476.463	1431.9	-8.5	-4	1.7	9.4	-2.1	-1151679	10.2	
19	476.163	1431.8	-8.4	-4.1	2	9.9	-2.6	-1169041	10.4	
19	475.863	1431.8	-9.1	-4.5	2.4	9.8	-3	-1186934	10.8	
19	475.563	1432.1	-9.1	-5.1	3	9.9	-3.3	-1205384	11.1	
19	475.263	1432.3	-8.7	-4.1	3.4	10.2	-3.6	-1225850	11.2	
19	474.963	1432.2	-8.9	-4.2	3.5	10	-3.8	-1247766	11.4	
19	474.663	1432.5	-8.5	-3.7	3.7	10.4	-3.8	-1268172	11.5	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
19	474.363	1432.7	-8.7	-3.8	4.1	10.3	-3.8	-1288463	11.8	
19	474.063	1432.8	-8.5	-3.8	4.1	10.9	-3.8	-1308595	12	
19	473.763	1433	-8.1	-3.1	4.4	10.5	-3.8	-1325999	12.1	
19	473.463	1432.9	-8.1	-3.1	4.4	11.4	-3.9	-1339573	12.5	
19	473.163	1433	-7.9	-3.1	4.4	11.6	-3.9	-1348198	12.7	
19	472.863	1433.2	-7.5	-2.2	4.6	11.4	-3.9	-1348198	12.6	
19	472.563	1433.3	-6.9	-1.9	4.6	12	-3.9	-1340430	12.5	
19	472.263	1433.4	-6.1	-1.2	4.6	11.3	-3.8	-1325999	11.7	
19	471.963	1433.1	-6.1	-0.4	4.2	11.2	-3.8	-1307778	11.2	
19	471.663	1433	-6.2	1	4.2	9.6	-3.8	-1289256	10.5	
19	471.363	1433	-4.5	0.5	4.1	10.6	-3.7	-1274347	9.6	
19	471.063	1432.9	-4.9	0.6	3.9	10.2	-3.6	-1262818	9.2	
19	470.763	1433	-4.4	1.4	3.9	9.6	-3.4	-1253744	8.5	
19	470.463	1432.8	-3.8	1.9	3.5	9.8	-3.3	-1248510	8.1	
19	470.163	1433	-3.8	1.8	3.5	9.1	-3	-1246281	7.6	
19	469.863	1432.7	-2.9	2.1	3	9.2	-2.9	-1246281	7.2	
19	469.563	1432.7	-3.4	1.1	2.9	8.3	-2.7	-1248510	7.1	
19	469.263	1432.5	-2	2.6	2.5	9.7	-2.5	-1250001	6.8	
19	468.963	1432.3	-2.9	2.2	1.9	8.7	-2.1	-1249255	7.2	
19	468.663	1432.3	-3.6	1.8	1.5	8.2	-1.7	-1244059	7.4	
19	468.363	1432.1	-3	2	0.8	8.8	-1.3	-1235252	7.3	
19	468.063	1432	-3.5	0.9	0.5	7.6	-0.9	-1222272	7.2	
19	467.763	1431.8	-3.7	1.6	-0.2	7.8	-0.7	-1204691	7	
19	467.463	1431.8	-3.8	1.5	-0.5	6.6	-0.4	-1184919	6.9	
19	467.163	1431.9	-3.1	3.5	-0.8	7.1	0	-1166436	6.4	
19	466.863	1432	-3.5	2.4	-1	5.6	0.4	-1151046	6	
19	466.563	1432.1	-4.2	2.5	-1	5.9	0.5	-1139147	5.4	
19	466.263	1432	-3.9	2.9	-0.8	6.8	0.4	-1131758	5.3	
19	465.963	1432.1	-4.5	3.2	-0.3	6	0.3	-1131147	5.1	
19	465.663	1432	-4	4	-0.2	6.6	0.2	-1137291	5.2	
19	465.363	1432.4	-5.1	2.8	0.4	6.4	0.3	-1150413	5.3	
19	465.063	1432.7	-4.1	3.8	0.9	6.8	0.2	-1168389	5.1	
19	464.763	1432.7	-4.2	3.8	1.6	6.1	-0.3	-1189632	5.4	
19	464.463	1432.8	-4.2	4.5	2.1	6.8	-0.7	-1210261	6	
19	464.163	1432.8	-6.4	1.9	2.4	7.3	-1.1	-1230895	8	
19	463.863	1432.5	-7.2	1.3	2.6	8.6	-1.7	-1249255	10.5	
19	463.563	1432.2	-7.8	0.6	2.7	10.1	-2.3	-1266638	12.3	
19	463.263	1432.1	-7.2	1.9	3.1	10.6	-3	-1281366	12.5	
19	462.963	1431.6	-8.6	0.5	3.2	10.3	-4	-1290846	13.4	
19	462.663	1431.4	-7.7	1	3.4	10.8	-4.8	-1298048	13.7	
19	462.363	1430.9	-6.6	2.3	3.4	12.3	-5.5	-1304518	14	
19	462.063	1430.7	-6.5	2	3.4	12.8	-5.9	-1312697	14.2	
19	461.763	1430.9	-7.1	1.6	3.5	13.3	-5.9	-1322648	14.2	
19	461.463	1431.3	-6.8	1.7	3.9	14.2	-5.6	-1334450	14.2	
19	461.163	1431.6	-6.7	1.4	4.1	14.2	-5.2	-1346464	13.8	
19	460.863	1432	-6.6	1.5	4.2	13.5	-4.8	-1359579	13	
19	460.563	1432.4	-5.9	2	4.4	14.1	-4.2	-1369360	12.5	
19	460.263	1432.9	-5.5	2	4.6	13	-3.6	-1374755	11.5	
19	459.963	1433.4	-5.5	1.4	5	11.3	-3	-1372052	10.4	
19	459.663	1433.7	-6	0.1	5	9.8	-2.4	-1363120	9.6	
19	459.363	1433.8	-6	0.1	4.6	8.8	-2.1	-1346464	8.5	
19	459.063	1433.4	-6.3	-0.1	4	8.4	-2	-1323484	7.9	
19	458.763	1433.2	-6.5	-2	3.8	7	-2.1	-1294837	7	
19	458.463	1433.1	-6.9	-2	3.3	6.6	-2.3	-1264343	6.4	
19	458.163	1432.9	-6.3	-1.9	3.2	5.6	-2.7	-1233796	5.8	
19	457.863	1432.3	-6.3	-2.5	2.6	5.8	-3.3	-1205384	5.8	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
19	457.563	1431.8	-6.2	-2.4	2.2	6.4	-3.7	-1181576	6	
19	457.263	1431.6	-5.9	-3	1.9	7.6	-3.8	-1160617	6.1	
19	456.963	1431.6	-5.5	-2.1	1.9	7.5	-3.7	-1140388	6.1	
19	456.663	1431.5	-6.7	-4.7	2.1	7.5	-3.6	-1119654	6.9	
19	456.363	1431.5	-6.3	-3.4	2.1	9	-3.3	-1099660	7.5	
19	456.063	1432.1	-7.7	-4.1	2.2	9.2	-2.7	-1080368	8.4	
19	455.763	1432.5	-6.2	-3.2	2.1	10.3	-2	-1061203	8.7	
19	455.463	1433	-7.1	-3.6	2.3	10.2	-1.2	-1041150	9.4	
19	455.163	1433.1	-7.6	-3.9	2.3	9.8	-0.8	-1019354	9.7	
19	454.863	1433.3	-8.7	-4.9	2.4	8.8	-0.6	-997025	9.9	
19	454.563	1432.9	-7.8	-4.7	2.1	9.8	-0.8	-978847	10.3	
19	454.263	1432.7	-8.3	-4.8	2	10	-0.9	-964419	10.5	
19	453.963	1432.2	-9.2	-5	1.9	10.3	-1.3	-954744	11.2	
19	453.663	1432.1	-10.1	-6.2	1.6	10	-1.5	-949548	11.3	
19	453.363	1431.9	-9.3	-4.8	1.5	9.8	-2	-949979	10.8	
19	453.063	1431.5	-9.4	-5.4	1.5	9.7	-2.7	-956052	10.8	
19	452.763	1431.3	-9.2	-4.1	1.7	10.2	-3	-969330	10.7	
19	452.463	1431.3	-9.2	-5.1	1.7	11	-3.1	-989019	10.7	
19	452.163	1431.7	-9	-4.8	2.1	9.7	-2.8	-1013924	10.5	
19	451.863	1431.7	-9	-4.8	2.3	10.1	-2.6	-1041668	10.7	
19	451.563	1431.8	-10.2	-3.8	2.5	9.8	-2.4	-1070973	11	
19	451.263	1431.9	-9.9	-2.7	2.7	10.3	-2.3	-1100238	11.1	
19	450.963	1432.2	-10.5	-2.7	2.8	9.8	-2.1	-1128099	11.7	
19	450.663	1432.4	-9.5	-2.3	3.3	9.5	-2.3	-1153583	11	
19	450.363	1432.2	-9.8	-1.2	3.5	9.5	-2.7	-1174945	11	
19	450.063	1432.1	-10.3	-2.6	3.6	9	-3.3	-1190308	11.3	
19	449.763	1432	-8.6	-2	3.8	10	-3.9	-1198484	11.1	
19	449.463	1431.4	-8.4	-1.9	3.8	10.3	-4.6	-1199171	11.1	
19	449.163	1431.2	-8.7	-1.6	4.2	10.3	-5.2	-1195064	11.2	
19	448.863	1430.9	-8	-1.2	4.3	10.7	-5.6	-1186934	11.4	
19	448.563	1431.1	-7.9	-1.2	4.4	10.9	-5.6	-1177589	11.4	
19	448.263	1431.2	-6.6	0	4.5	12	-5.4	-1168389	11.7	
19	447.963	1431.6	-7.3	-1.4	4.6	12	-4.9	-1161905	12.1	
19	447.663	1432.3	-6.9	-1.4	4.7	12	-4.2	-1159974	12	
19	447.363	1432.6	-5.9	-0.4	4.5	11.8	-3.6	-1162550	12.1	
19	447.063	1432.7	-6.2	-0.2	4.4	11.7	-3.2	-1169041	12.2	
19	446.763	1432.7	-5.3	0.7	4.1	12.8	-3	-1176927	11.9	
19	446.463	1432.5	-4.6	1.7	3.7	12.8	-2.9	-1185590	11.7	
19	446.163	1432.3	-4.3	2.2	3.2	12.3	-3	-1192342	10.7	
19	445.863	1431.8	-4.2	2.7	2.9	10.2	-3.2	-1194382	10.3	
19	445.563	1431.5	-4.6	1.7	2.7	10	-3.6	-1190308	9.2	
19	445.263	1431.6	-3.6	2.7	2.7	8.9	-4	-1179579	7.8	
19	444.963	1431.4	-2.5	3.7	2.8	9.4	-4.4	-1163842	6.8	
19	444.663	1431.7	-2.9	3	2.8	8.2	-4.2	-1145379	6.2	
19	444.363	1432	-3.6	1.9	2.9	6.6	-3.9	-1127492	6.1	
19	444.063	1432.5	-3.3	3.4	2.8	6.5	-3.3	-1110155	6	
19	443.763	1433	-3.9	2.4	3	5.2	-2.9	-1096780	5.7	
19	443.463	1433.1	-1.7	6	2.8	7.7	-2.2	-1086535	6	
19	443.163	1433.2	-3.6	2.6	2.6	6.2	-1.6	-1080926	6.1	
19	442.863	1433.4	-2.4	4.7	2.3	7	-1	-1082043	6.2	
19	442.563	1433.5	-4.2	3.4	2	6.7	-0.5	-1087664	7.8	
19	442.263	1433.5	-3.6	5.1	1.8	7.6	-0.3	-1095632	8.4	
19	441.963	1433.3	-2.9	4.9	1.7	9	-0.4	-1103718	8.8	
19	441.663	1433.5	-3	5.3	1.6	9.7	-0.4	-1112515	9.4	
19	441.363	1433.5	-2.6	6.6	1.4	10.2	-0.4	-1121453	9.7	
19	441.063	1433.2	-2.6	7.5	1.2	9	-0.5	-1128708	10	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
19	440.763	1432.9	-2.8	6.5	1.2	10.1	-0.7	-1134210	10.2	
19	440.463	1432.6	-2.7	6.7	0.9	10.3	-0.9	-1139767	10.6	
19	440.163	1432.6	-3.6	5.6	1.1	10.9	-1.3	-1146006	10.7	
19	439.863	1432.3	-2.6	6.6	1.3	10.9	-1.8	-1154855	10.7	
19	439.563	1432	-2.7	6.3	1.3	11	-2.3	-1167086	10.9	
19	439.263	1432.1	-3.3	5.7	1.5	10.6	-2.7	-1180909	10.8	
19	438.963	1432.1	-2.2	8	1.9	11.1	-3.2	-1196430	10.5	
19	438.663	1432	-1.4	8.5	2.4	11.6	-3.5	-1215178	10.3	
19	438.363	1431.7	-1.8	8.7	2.5	11.6	-3.7	-1234524	10.2	
19	438.063	1431.8	-2.3	7.2	2.8	10.4	-3.7	-1252993	10.2	
19	437.763	1432	-3.3	6.5	3	10.1	-3.6	-1268172	9.9	
19	437.463	1432.1	-2	8.3	3.1	10.4	-3.3	-1279018	9.7	
19	437.163	1432.6	-2.6	6	3.3	10.3	-2.8	-1285299	9.7	
19	436.863	1433	-3.3	5.1	3.4	9.6	-2.5	-1289256	9.7	
19	436.563	1433.2	-3	5.7	3.4	9.1	-2.3	-1293238	9.8	
19	436.263	1433.1	-2.8	5.2	3.3	9.5	-2.3	-1298854	10.2	
19	435.963	1433	-3.6	4.3	3.5	8.3	-2.4	-1306146	9.9	
19	435.663	1432.8	-2.2	4.4	3.4	9.9	-2.6	-1315171	9.9	
19	435.363	1432.6	-3.3	4	3.3	9.8	-2.8	-1327680	9.9	
19	435.063	1432.2	-2.8	4.1	3.1	9.2	-3.2	-1342149	9.9	
19	434.763	1432.1	-3.7	2.2	3	8.7	-3.5	-1359579	10.1	
19	434.463	1432.2	-3.1	3.1	3	9.6	-3.7	-1373853	9.7	
19	434.163	1432.1	-2.4	2.9	2.8	10.2	-3.8	-1386591	9.8	
19	433.863	1432.1	-2.7	1.9	2.5	10.5	-3.6	-1393976	9.7	
19	433.563	1432.1	-2.2	2.1	2.3	10.3	-3.3	-1397698	9.3	
19	433.263	1432.1	-2	2.2	2.2	9.6	-3	-1394905	9.1	
19	432.963	1432.3	-3	1.6	2	8.6	-2.5	-1387509	8.9	
19	432.663	1432.5	-2.1	1.5	2	9.3	-2	-1375658	8.7	
19	432.363	1432.5	-2	0.5	1.7	9.4	-1.7	-1359579	8.6	
19	432.063	1432.8	-2.6	0.3	1.7	8.7	-1.4	-1343010	8.6	
19	431.763	1433	-2.5	1.1	1.8	8.6	-1.1	-1326839	8.9	
19	431.463	1433.3	-4.1	-0.8	1.9	7.4	-0.9	-1309413	9.1	
19	431.163	1433.1	-2.8	1.1	1.9	8	-1.1	-1289256	8.9	
19	430.863	1433	-2.8	-1.1	1.9	7.8	-1.2	-1268941	9	
19	430.563	1433	-2.1	1.5	1.9	9.2	-1.4	-1250001	9.1	
19	430.263	1432.9	-2.6	-0.2	2	8.8	-1.7	-1234524	9.5	
19	429.963	1432.8	-1.8	2.4	2.1	9.6	-1.9	-1225133	9.6	
19	429.663	1432.8	-2.3	1.3	1.8	9.8	-2	-1220847	10	
19	429.363	1432.6	-2	0.9	1.9	10	-2.5	-1222986	10.1	
19	429.063	1432.5	-2.1	0.9	1.8	11.3	-2.9	-1231619	10.4	
19	428.763	1432.5	-1.6	1	1.6	11.2	-2.9	-1247023	10.5	
19	428.463	1432.6	-1.1	1.5	1.7	11.6	-2.9	-1267404	10.5	
19	428.163	1432.7	-1.4	1.4	1.9	11	-2.9	-1290051	10.6	
19	427.863	1432.7	-1.6	1.1	2.1	11.2	-2.9	-1312697	10.7	
19	427.563	1432.8	-1.5	2.1	2.4	11	-2.8	-1332751	10.7	
19	427.263	1433.1	-1.6	1	3	10.4	-2.8	-1347331	10.3	
19	426.963	1433.4	-1.2	1.5	3.6	10.6	-2.7	-1354303	10.1	
19	426.663	1434	-1.9	1.4	3.9	10.4	-2.5	-1353427	10.1	
19	426.363	1434.5	-1.9	0.3	4.1	9.4	-2.2	-1349067	9.9	
19	426.063	1434.5	-1.5	-0.1	4	9.7	-2.1	-1343010	9.9	
19	425.763	1434.4	-1.5	0.3	3.9	10	-2.1	-1336153	9.9	
19	425.463	1434.1	-1.6	0.7	3.4	10.6	-2.1	-1330211	10	
19	425.163	1433.6	-1.8	1.5	3	9.9	-2.3	-1325159	10	
19	424.863	1433	-1	1	2.4	10.6	-2.4	-1323484	9.7	
19	424.563	1432.5	-1.4	1.2	1.9	10.3	-2.6	-1325159	9.8	
19	424.263	1432.8	-2.3	1	1.8	9.9	-2.5	-1328523	9.7	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
19	423.963	1432.8	-1.1	1.9	1.6	10.7	-2.5	-1332751	9.5	
19	423.663	1432.7	-1.4	1.4	1.7	9.8	-2.5	-1335301	9.3	
19	423.363	1432.6	-1.7	1.9	1.7	10.1	-2.5	-1337861	9.6	
19	423.063	1432.9	-2.7	-0.5	2.2	8.8	-2.4	-1341289	9.1	
19	422.763	1433	-1.8	1.5	2.3	9.8	-2.3	-1343872	8.9	
19	422.463	1432.8	-2.1	0.7	2.2	9	-2.3	-1345599	9.2	
19	422.163	1433	-2.6	1.1	2.6	8.2	-2.2	-1347331	9.2	
19	421.863	1433.1	-3.1	0	2.4	8.2	-2.3	-1349067	9.2	
19	421.563	1432.9	-2.7	-0.3	2	8.2	-2.5	-1349067	9.2	
19	421.263	1432.6	-2.3	0.4	1.8	8.5	-2.9	-1349937	9.4	
19	420.963	1432.3	-2.9	-0.7	1.5	9	-3.1	-1352553	10.3	
19	420.663	1432.2	-3.2	-1.2	1.4	9.7	-3.2	-1353427	10.9	
19	420.363	1432.4	-3.5	-0.5	1.6	10	-3	-1354303	11.2	
19	420.063	1432.8	-2.9	-0.8	1.9	11	-2.6	-1356057	11.2	
19	419.763	1432.8	-1.8	0.2	2.1	11.8	-2.4	-1356057	11.1	
19	419.463	1433.2	-1.8	0.8	2.2	12.3	-2	-1352553	11	
19	419.163	1434.1	-2.3	0.2	3.1	10.5	-1.5	-1350808	10.3	
19	418.863	1434.8	-1.3	2.8	3.6	10.7	-1.1	-1349937	9.7	
19	418.563	1435.3	-1.5	1.3	4	10.5	-0.8	-1349937	9.2	
19	418.263	1435.1	-1.3	1.5	4	10.7	-0.8	-1351680	8.9	
19	417.963	1434.5	-2.8	-0.7	3.4	9.9	-0.9	-1356057	8.9	
19	417.663	1434.1	-3.3	-0.7	3	8.3	-1.2	-1364008	8.4	
19	417.363	1433.2	-2.4	-0.6	2.4	8.9	-1.6	-1374755	8.8	
19	417.063	1432.8	-3.1	-0.8	2.2	7.8	-2	-1388430	8.9	
19	416.763	1432.1	-2.3	-0.3	1.8	8.5	-2.6	-1402379	8.9	
19	416.463	1431.9	-2.2	-0.1	1.7	9	-2.8	-1412788	9.6	
19	416.163	1431.9	-2.7	-1.1	1.8	9.1	-3	-1417570	10.1	
19	415.863	1431.6	-3	-1.9	1.9	9.5	-3.2	-1416611	11.3	
19	415.563	1431.7	-4	-2.6	2.5	9.7	-3.3	-1410884	11.8	
19	415.263	1431.8	-3.4	-1.8	2.8	11.6	-3.4	-1399567	12.1	
19	414.963	1431.9	-3.1	-1.6	3.2	11.3	-3.4	-1385673	12	
19	414.663	1432	-2.2	-0.6	3.1	11.7	-3.3	-1369360	11.1	
19	414.363	1431.7	-1.4	-0.2	2.9	10.9	-3.3	-1354303	10.6	
19	414.063	1431.3	-1.9	0	2.4	10	-3.3	-1341289	10.3	
19	413.763	1430.9	-1.8	0.1	1.9	9.9	-3.3	-1332751	9.5	
19	413.463	1430.7	-1.1	0.4	1.6	10.9	-3	-1329366	8.9	
19	413.163	1430.5	-1	0.5	0.9	11.5	-2.6	-1331056	8.6	
19	412.863	1430.7	-2.5	-0.9	0.5	9	-2.2	-1334450	8.4	
19	412.563	1431	-2.4	-0.6	0.2	9	-1.8	-1341289	8.4	
19	412.263	1431.6	-2.4	-1.4	0.2	8.7	-1.5	-1351680	8.4	
19	411.963	1432.2	-1.1	0.3	0.8	8.8	-1.2	-1363120	8.5	
19	411.663	1432.4	-1.1	1.2	1.1	9.6	-1.1	-1376563	8.7	
19	411.363	1432.7	-1.6	-0.5	1.6	9.6	-0.8	-1392122	9.3	
19	411.063	1432.7	-3.2	-1.8	1.6	8.9	-0.8	-1410884	10.2	
19	410.763	1432.8	-3.8	-2.1	2.1	8.2	-1.1	-1430158	10.4	
19	410.463	1432.9	-2.8	-0.1	2.4	10.2	-1.3	-1449966	10.4	
19	410.163	1433.3	-2.8	-1	2.8	10.6	-1.5	-1469299	10.5	
19	409.863	1433.7	-3.1	-1	3.2	9.8	-1.9	-1483878	10.3	
19	409.563	1433.6	-1.3	1.3	3.2	11	-2.4	-1496606	10.2	
19	409.263	1433.5	-2.1	1	3.4	10.2	-2.7	-1503052	10.2	
19	408.963	1433	-1.9	0.8	3.2	10.8	-3	-1504132	10.2	
19	408.663	1433	-2.6	-0.3	3.3	10.7	-2.9	-1499822	10.1	
19	408.363	1433	-2.2	0.7	3.2	11	-2.7	-1492339	10	
19	408.063	1432.9	-2.6	0.6	3	10.1	-2.4	-1485984	10	
19	407.763	1433.1	-3.4	0.1	2.9	9.3	-2	-1479683	9.6	
19	407.463	1433.2	-2.8	0.1	2.7	9.8	-1.6	-1474473	9.6	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
19	407.163	1433.4	-3	-1.2	2.7	8.7	-1.3	-1472399	9.6	
19	406.863	1433.2	-3	-1.2	2.5	8.7	-1.2	-1473435	9.6	
19	406.563	1432.9	-3.3	-1	2.7	8.4	-1.4	-1481777	9.6	
19	406.263	1432.6	-3.2	-1.9	2.4	9.3	-1.7	-1493403	9.6	
19	405.963	1432.2	-2.6	-1.1	2.5	9.1	-2.2	-1506296	9.6	
19	405.663	1431.7	-2.6	-1.3	2.4	9.8	-2.7	-1521622	9.7	
19	405.363	1431.1	-3.4	-0.6	2.3	9	-3.3	-1538392	9.6	
19	405.063	1430.6	-2.9	0.4	2.2	9.4	-3.8	-1557851	9.5	
19	404.763	1430.4	-2.9	-0.5	2.2	9.6	-4.2	-1578998	9.4	
19	404.463	1430.2	-2.1	1	2.1	10.2	-4.3	-1601952	9.3	
19	404.163	1430.2	-2.2	0.1	2	10.7	-4	-1630647	9.6	
19	403.863	1430.7	-3.2	-1	2.1	9.4	-3.5	-1663027	9.3	
19	403.563	1430.9	-2	0.7	1.8	10.6	-2.9	-1698095	9.3	
19	403.263	1431.2	-2.7	0.3	1.8	9.4	-2.3	-1733238	9.3	
19	402.963	1431	-2.2	1.8	1.5	10.2	-2	-1766879	9.3	
19	402.663	1431.2	-2.8	0.6	1.2	9.4	-1.5	-1797211	9.4	
19	402.363	1431.3	-3.1	0	1	9.2	-1.1	-1820653	9.4	
19	402.063	1431.5	-2.9	-0.7	0.9	8.9	-0.9	-1838236	9.4	
19	401.763	1431.6	-3.2	-1.8	0.9	9	-0.8	-1847971	9.4	
19	401.463	1431.6	-3.5	-1.6	0.5	9.7	-0.8	-1852877	9.9	
19	401.163	1431.8	-3.9	-2.1	0.7	8.8	-0.9	-1849603	10.1	
19	400.863	1431.8	-3.1	-2	0.6	10	-1.1	-1841470	10.2	
19	400.563	1431.9	-2.8	-1.8	0.8	9.7	-1.2	-1836624	10.2	
19	400.263	1432.3	-2.7	-0.2	1	10.2	-1.1	-1835014	10.1	
19	399.963	1432.4	-2.9	-0.5	1.2	10.2	-1.2	-1838236	10	
19	399.663	1432.7	-2.7	-0.3	1.4	10.1	-1.2	-1851239	9.7	
19	399.363	1432.8	-3.3	-2.2	1.7	9.3	-1.4	-1876121	9.9	
19	399.063	1433	-3.3	-2.2	1.8	9	-1.4	-1913849	9.9	
19	398.763	1433.1	-3.1	-1.5	1.7	9.6	-1.5	-1965963	10.5	
19	398.463	1433.3	-3.1	0.1	1.8	9.5	-1.5	-2028828	10.9	
19	398.163	1433.6	-2.4	1.4	2	10	-1.4	-2097947	11.1	
19	397.863	1433.6	-2.8	0	2	9.9	-1.5	-2165202	11.6	
19	397.563	1433.4	-3.1	-0.3	2	10.5	-1.7	-2225027	12.4	
19	397.263	1433.5	-3.3	-0.2	2	11.2	-1.8	-2270879	13.2	
19	396.963	1433.5	-2.1	-0.8	2	12.7	-1.9	-2298299	13	
19	396.663	1433.7	-1.2	0.9	1.7	13.7	-1.8	-2313537	12.7	
19	396.363	1434	-0.4	1.5	1.7	13.8	-1.7	-2323808	12.2	
19	396.063	1434.1	-0.2	2.4	1.6	14	-1.8	-2323808	12	
19	395.763	1434.1	0.2	2.4	1.6	12.7	-1.8	-2318661	11.3	
19	395.463	1433.9	0.5	3.1	1.7	12.6	-1.8	-2318661	10.7	
19	395.163	1433.8	0.5	3.9	1.8	12.4	-1.7	-2328977	10.2	
19	394.863	1433.9	0.1	2.9	2.1	11.6	-1.6	-2355175	9.6	
19	394.563	1434	-0.3	2.7	2.3	10.5	-1.4	-2395596	9.4	
19	394.263	1434.6	-1.1	1.9	2.5	8.9	-1	-2440269	9	
19	393.963	1435	-0.8	2.5	2.7	9.2	-0.8	-2474882	9.1	
19	393.663	1435.2	-1.2	2	2.7	8.6	-0.7	-2498509	9.1	
19	393.363	1434.9	0	2.6	2.2	9.6	-0.5	-2513506	9.2	
19	393.063	1434.5	-0.1	2.5	1.7	9.3	-0.3	-2522591	9.2	
19	392.763	1434	-0.2	3.2	1.2	9.2	-0.2	-2528684	9.1	
19	392.463	1433.3	-0.4	2.5	0.6	9.7	-0.3	-2522591	9.1	
19	392.163	1432.7	-0.7	2.2	0.2	9.4	-0.4	-2507486	9.1	
19	391.863	1432.4	-0.7	1.4	-0.2	9.7	-0.6	-2489596	9.1	
19	391.563	1432.2	-1.3	0.9	-0.5	9.7	-0.8	-2477811	9.4	
19	391.263	1432.4	-1.2	2	-0.4	10	-1	-2471960	9.4	
19	390.963	1432.3	-0.9	1.1	-0.3	9.7	-1.3	-2471960	9.6	
19	390.663	1432.3	-0.9	1.8	-0.1	10	-1.4	-2477811	9.7	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
19	390.363	1432.1	-1.1	1.1	0.1	10.5	-1.4	-2486640	10.2	
19	390.063	1432	-2.1	0.7	0.3	9.9	-1.3	-2495531	10.5	
19	389.763	1431.9	-1.6	1.5	0.4	10.2	-1.1	-2522591	10.3	
19	389.463	1431.8	-1.5	1.4	0.4	10.2	-0.9	-2575339	10.2	
19	389.163	1432	-2.3	0.9	0.4	9.6	-0.5	-2643624	10.2	
19	388.863	1432.4	-2.3	1.2	0.1	9.4	-0.1	-2712112	10	
19	388.563	1432.8	-1.9	2	0.2	9.4	0.4	-2795394	10	
19	388.263	1433.1	-2.3	0.8	0.3	9.1	0.7	-2887932	10.1	
19	387.963	1432.8	-2.5	0.3	0.1	8.7	0.7	-2986805	10.2	
19	387.663	1432.8	-2.6	0.1	0.2	9	0.6	-3092689	10	
19	387.363	1432.5	-2.2	0.7	0.2	8.5	0.3	-3206356	9.8	
19	387.063	1432.2	-2.2	0.5	0.5	9	-0.2	-3286892	9.9	
19	386.763	1432.1	-2	1.3	0.7	9	-0.6	-3339315	9.7	
19	386.463	1432.3	-2.2	1.1	1.2	9.4	-1	-3344649	9.6	
19	386.163	1432.1	-1.6	1.5	1.3	9.4	-1.7	-3318146	9.3	
19	385.863	1431.9	-1.7	1.4	1.6	8.8	-2.4	-3271485	9.1	
19	385.563	1431.9	-0.9	1.5	1.7	10	-2.7	-3186835	8.9	
19	385.263	1431.9	-1	1.8	1.6	9.3	-2.9	-3088127	8.4	
19	384.963	1432	-0.2	2.9	1.3	9.8	-2.8	-2974077	7.9	
19	384.663	1432.1	-1.2	2.1	1	8.4	-2.7	-2852521	7.6	
19	384.363	1432	-0.2	1.9	0.6	9	-2.7	-2740511	7.3	
19	384.063	1431.8	-1.6	-0.4	0.1	8.4	-2.8	-2633648	8.2	
19	383.763	1432.1	-1.6	-1.2	0.3	8.1	-2.7	-2537879	8.5	
19	383.463	1432.4	-0.5	-0.3	0.4	9.6	-2.4	-2460341	8.9	
19	383.163	1433.1	-1.4	-1.6	0.9	8.9	-2	-2401090	9.6	
19	382.863	1433.7	-1.1	-1.6	1.5	9.9	-1.8	-2360485	10.4	
19	382.563	1434.5	-2	-2.5	2.3	9.6	-1.7	-2334170	11.7	
19	382.263	1435.4	-1.7	-1.8	3.2	10.8	-1.6	-2326390	12.4	
19	381.963	1436.1	-1.7	-1.4	4	11.1	-1.5	-2331571	13.3	
19	381.663	1436.7	-1.4	-0.3	4.5	12.2	-1.2	-2344626	13.9	
19	381.363	1436.9	-0.7	0.1	4.5	15.2	-1	-2363150	14.1	
19	381.063	1436.8	-0.6	0.6	3.9	14.7	-0.9	-2384682	14.2	
19	380.763	1436.5	-0.4	-0.4	3	15.3	-0.9	-2417726	14.2	
19	380.463	1436.1	-0.1	0	2	15.8	-0.9	-2466137	14.2	
19	380.163	1435.8	0.5	0.7	1.1	16.8	-0.8	-2525634	14	
19	379.863	1435.6	1.1	1.5	-0.1	17.2	-0.3	-2597705	13.5	
19	379.563	1435.3	1.2	1.9	-1.3	16.4	0.5	-2680858	12.6	
19	379.263	1434.9	2.3	3	-8.5	13.9	0.7	-2780545	10.2	
19	378.963	1434.8	-1.9	-0.6	-9.5	8.6	0.6	-2899931	9.3	aparato de via
19	378.663	1435.2	-1.7	-0.5	-2.8	8.6	0.8	-3016931	7.8	
19	378.363	1435.8	-1.5	-0.6	-1.4	8.5	0.9	-3101852	6.6	
19	378.063	1436.4	-2.3	-1.4	-0.5	6.5	1	-3143769	6.1	
19	377.763	1436.5	-2.5	-1.4	-0.4	5.6	0.9	-3153238	5.5	
19	377.463	1436.6	-3.5	-1.4	-0.4	3.7	0.7	-3125000	5	
19	377.163	1436.1	-3.4	-1.8	0.5	1.9	-0.2	-3074523	4.1	
19	376.863	1437.5	-1.3	0.2	14.2	3	-0.9	-3008262	3.2	
19	376.563	1437.5	-1.7	0.6	17	5.4	-1.7	-2924232	4.2	
19	376.263	1437.5	-4.5	-2.2	4.4	2.7	-2.2	-2837060	4.2	
19	375.963	1436	-6.3	-4.4	3.1	0.8	-2.7	-2776857	4.1	
19	375.663	1435.7	-5.2	-2.9	3.2	2.6	-3.5	-2754935	4.2	
19	375.363	1436.1	-5.6	-3.1	3.6	2.8	-3.9	-2762204	4.9	
19	375.063	1436.9	-5.5	-2.9	4.7	4.3	-4.3	-2791667	5.7	
19	374.763	1436.3	-3.6	-1.4	4.4	6.3	-4.6	-2833221	6.1	
19	374.463	1435.9	-4.5	-2.3	-2.6	6.2	-4.4	-2895920	7.9	
19	374.163	1435.6	-3.9	-1.9	-4.1	7.9	-4.1	-2974077	8.9	
19	373.863	1435.4	-4.2	-2	1.9	9.8	-3.8	-3074523	9.8	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
19	373.563	1435.5	-4.4	-2.8	2.3	11	-3.3	-3177163	10.6	
19	373.263	1435.7	-4.8	-3.1	2.1	10.6	-2.6	-3271485	11.4	
19	372.963	1436.2	-4.5	-3.6	1.4	11.8	-1.8	-3339315	11.9	
19	372.663	1436.5	-4.6	-3.6	0.7	11.6	-1.2	-3387945	12.3	
19	372.363	1436.9	-4.1	-3.9	0.6	11.4	-0.6	-3404472	12.5	
19	372.063	1437.1	-4.2	-3	0.4	12	-0.2	-3393436	12.6	
19	371.763	1437.1	-4.1	-3.9	0.3	12.1	-0.1	-3382472	12.5	
19	371.463	1437.1	-3.8	-2.2	0.2	12.8	-0.1	-3360755	12.5	
19	371.163	1437	-3.3	-1.7	0.1	12.4	-0.2	-3333997	12	
19	370.863	1436.8	-2.8	-2.3	-0.3	12.8	-0.1	-3307662	11.5	
19	370.563	1437.1	-3.2	-1.8	-0.5	12.2	0.3	-3292060	10.9	
19	370.263	1437.2	-2.4	-1.3	-0.8	12.1	0.6	-3312896	10	
19	369.963	1437.5	-2.4	-0.4	-0.9	10.5	1	-3382472	8.6	
19	369.663	1437.8	-2.7	-1	-1.3	9.7	1.4	-3483777	8.2	
19	369.363	1438.2	-3.5	-1.8	-1.6	8.3	1.9	-3566866	7.6	
19	369.063	1438.5	-4	-2.6	-2.3	6.4	2.6	-3654014	7	
19	368.763	1438.7	-2.9	-2.2	-2.5	6	2.7	-3772523	6.2	
19	368.463	1438.7	-3.4	-2.8	-2.2	5	2.3	-3913552	6.3	
19	368.163	1438.4	-4.4	-4	-1.9	3.7	1.6	-4097359	6.2	
19	367.863	1438.4	-4.3	-4.2	-1.1	3.4	0.9	-4255590	6.1	
19	367.563	1437.9	-4.5	-5	-0.5	3	0	-4380230	6.2	
19	367.263	1438.3	-4.2	-5.3	0.9	3.2	-0.8	-4464286	6.3	
19	366.963	1438.7	-4.2	-5.4	2.3	3.5	-1.7	-4571507	6.5	
19	366.663	1439.4	-3	-5.3	4.1	5.3	-2.6	-4705057	6.8	
19	366.363	1440	-2.1	-0.2	5.4	6.3	-3.2	-4835451	7.3	
19	366.063	1440.5	-1.3	0.4	5.9	8	-3.3	-4926471	7.9	
19	365.763	1440.4	-0.5	1	5.6	9.2	-3	-4961493	8.4	
19	365.463	1440.1	-0.8	1.5	4.6	9.6	-2.5	-4997017	9.4	
19	365.163	1439.4	-0.1	2.4	3.4	10.7	-2.1	-5020984	9.8	
19	364.863	1438.6	0.6	4.1	2	11.1	-1.7	-5045181	9.8	
19	364.563	1438	1.2	4.6	0.6	11.7	-1.1	-5045181	9.9	
19	364.263	1437.4	1.1	2.4	-1	11.1	-0.8	-4973278	10.1	
19	363.963	1436.9	0.8	2.5	-2.2	10.8	-0.5	-4846644	10.2	
19	363.663	1437	0.6	5.1	-2.4	10.3	-0.5	-4673549	10.1	
19	363.363	1437.2	1.8	8.1	-2.2	11.9	-0.5	-4464286	9.8	
19	363.063	1437.6	2.3	7.5	-1.5	12.4	-0.7	-4221271	9.5	
19	362.763	1438.3	2.5	8.1	-0.4	12	-0.9	-3957940	9.3	
19	362.463	1438.3	2.8	8.3	0.1	12.5	-1.4	-3705753	9	
19	362.163	1438.3	3	6.6	0.6	11.8	-1.8	-3472223	8.8	
19	361.863	1439	3.2	7.7	1.8	12.5	-1.7	-3271485	8.6	
19	361.563	1439.2	2.5	6.4	2.5	12	-1.6	-3120343	8.4	
19	361.263	1439.3	2.2	6.4	2.6	11.6	-1.5	-3016931	8.2	
19	360.963	1439.5	0	4.4	2.9	8.2	-1.4	-2944797	8	
19	360.663	1439.5	-0.3	4.5	2.8	8.7	-1.2	-2891920	8	
19	360.363	1439.8	-0.3	4.2	2.6	7.8	-0.5	-2852521	7.5	
19	360.063	1440.7	-1.9	2.7	2.9	6.2	0.5	-2817968	7	
19	359.763	1441	-1.1	3	2.4	6.3	1.5	-2787950	6.5	
19	359.463	1440.5	-2.4	1.8	1.4	5.2	1.9	-2751315	6.9	aparato de via
19	359.163	1439.8	-2.9	1.2	0.7	5.1	2.1	-2705104	6.7	
19	358.863	1439.4	-2.9	0.9	0.2	5.8	2.4	-2640291	6.1	
19	358.563	1438.8	-2.2	1.1	-0.8	5.9	2.8	-2584877	4.9	
19	358.263	1438.2	-4.3	-1.5	-1.8	4	3.3	-2547142	4.6	
19	357.963	1437.1	-3.7	-0.5	-2.5	4.1	2.9	-2531742	4.7	
19	357.663	1436.3	-5.1	-2.7	-3.1	4.6	2.3	-2537879	5.3	
19	357.363	1435.8	-4.7	-2.3	-2.8	4.9	1.6	-2572175	5.7	
19	357.063	1435.3	-4.5	-1.8	-2.4	6.6	0.9	-2630340	6	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
19	356.763	1434.7	-5.1	-1.6	-1.9	5.6	0.4	-2719156	6.8	
19	356.463	1434.3	-7.4	-3.4	-1.1	5.2	-0.5	-2844770	7.8	
19	356.163	1434	-6.3	-3.4	0	5.7	-1.4	-3003946	8.7	
19	355.863	1433.9	-7.1	-3.7	1.3	6.6	-2.4	-3177163	9.4	
19	355.563	1433.5	-5.9	-1.5	2.4	7.6	-3.2	-3344649	9.9	
19	355.263	1433.4	-6.9	-2.6	3.3	8.8	-3.7	-3501255	10.4	
19	354.963	1433.1	-6.6	-2.1	3.7	8	-4.1	-3616149	10.6	
19	354.663	1433.1	-7.8	-3.6	4.5	6.4	-4.6	-3699205	10.3	
19	354.363	1432.5	-4.9	-0.7	4.7	9.2	-5	-3712323	9.9	
19	354.063	1432.4	-6.6	-3.6	5.1	7.8	-5.2	-3679702	9.6	
19	353.763	1432.1	-4.3	-2.2	5.2	9.5	-5.4	-3609914	9.2	
19	353.463	1431.8	-4.2	-2.9	4.9	9.3	-5.4	-3518908	9	
19	353.163	1431.5	-3.5	-3	4.6	8.6	-5.3	-3426760	8.9	
19	352.863	1431.4	-5.4	-4.6	4.3	7.2	-5.1	-3339315	9	
19	352.563	1431.2	-3.4	-3.3	3.8	10.2	-4.8	-3266381	9	
19	352.263	1431	-3.3	-3.9	3.2	9.3	-4.4	-3236090	9.2	
19	351.963	1430.9	-3.3	-4.5	2.7	9	-3.9	-3256221	9.2	
19	351.663	1430.7	-2.1	-3.2	1.8	9.9	-3.2	-3297245	9.2	
19	351.363	1430.7	-2.9	-3.7	1	8.7	-2.4	-3371579	8.7	
19	351.063	1430.8	-1.9	-2.5	0.8	7.7	-1.9	-3466474	7.8	
19	350.763	1431	-0.4	-2.2	0.6	9.3	-1.4	-3585189	6.5	
19	350.463	1431	-0.2	-2.5	0	8.8	-0.7	-3692681	6	
19	350.163	1431.4	-2.6	-5.1	0.1	5.4	-0.3	-3779333	5	
19	349.863	1431.4	1.1	-1.7	-0.2	7.7	0.2	-3779333	4.5	
19	349.563	1431.7	-1.3	-4.3	0	6.6	0.4	-3673246	4	
19	349.263	1431.8	1	-2.2	-0.1	6.9	0.6	-3507119	3.7	
19	348.963	1432.1	-1.5	-4	0.1	5.2	0.7	-3312896	3.6	
19	348.663	1432	0.6	-1.6	-0.3	7.6	1	-3106455	4.3	
19	348.363	1432.2	-2.9	-2.9	-0.4	4	1.1	-2895920	4.7	
19	348.063	1432	-0.6	-0.3	-0.6	6.8	1.1	-2684295	5.3	
19	347.763	1432.1	-2.6	-2.3	-0.7	6.2	1.1	-2513506	5.8	
19	347.463	1431.8	-0.8	1.1	-1	8.7	1.1	-2387401	6.1	
19	347.163	1431.8	-4.5	-3.4	-1	5.5	1	-2298299	7	
19	346.863	1431.9	-2.3	0.1	-0.8	7.8	0.9	-2241703	7.4	
19	346.563	1431.9	-3.3	-0.4	-0.8	7.4	0.8	-2213267	7.9	
19	346.263	1431.9	-3.5	-0.6	-0.6	7.6	0.7	-2215609	8.1	
19	345.963	1432	-3.9	-1.7	-0.3	8.6	0.5	-2246514	8.2	
19	345.663	1432	-3.9	0.4	0	6.7	0.3	-2310983	8.2	
19	345.363	1431.9	-3.4	0.3	0	8.9	0.3	-2403847	8.2	
19	345.063	1432	-7.9	-2.8	0.8	2.9	-0.2	-2519555	8	
19	344.763	1432	-4.6	0.1	0.9	8.2	-0.4	-2657044	8.2	
19	344.463	1431.9	-6.4	-1.9	1.1	4.9	-0.9	-2817968	8.4	
19	344.163	1431.7	-4	1.1	1.1	9.1	-1.3	-3012590	8.4	
19	343.863	1431.7	-6.6	0.8	1.2	5.9	-1.6	-3236090	8.9	
19	343.563	1431.5	-5.7	0.6	1.2	7.6	-2	-3501255	8.9	
19	343.263	1431.3	-4.2	2.9	1.1	7.8	-2.1	-3799910	9.1	
19	342.963	1431.1	-5.6	0.3	1.1	8.3	-2.3	-4137846	9.4	
19	342.663	1431	-4.7	2.2	1.1	9.8	-2.3	-4512393	9.6	
19	342.363	1431.3	-4.7	1.9	1	9.8	-2	-4903396	9.3	
19	342.063	1431.5	-3.5	4.3	0.7	11.1	-1.4	-5314087	8.9	
19	341.763	1431.9	-6	-1.1	0.7	5.7	-0.9	-5689538	8.3	
19	341.463	1432.2	-3.7	2.9	0.3	9.2	-0.2	-5982143	8	
19	341.163	1432.7	-4.8	-0.5	0.5	8.1	0.2	-6140030	7.3	
19	340.863	1432.7	-1.9	2.3	0.2	9.2	0.6	-6176254	7	
19	340.563	1432.6	-5.5	-2	0.3	5.8	0.5	-6068841	6.5	
19	340.263	1432.4	-1.9	3.5	-0.1	9.2	0.8	-5799862	6.3	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
19	339.963	1432.6	-5.8	-2.4	0.2	5	0.5	-5509869	6.2	
19	339.663	1432.6	-5	-1.7	0.5	6.2	-0.1	-5208334	6.2	
19	339.363	1432.6	-2.8	0.5	0.8	8.6	-0.8	-4938090	6.1	
19	339.063	1432.5	-3.1	-1	1.1	7.7	-1.4	-4684005	6.4	
19	338.763	1432.6	-5.5	-2.6	1.3	6.5	-1.8	-4464286	6.9	
19	338.463	1432.6	-3.9	-2	1.6	7.6	-2.1	-4272960	7.2	
19	338.163	1432.4	-4	-3.6	1.9	8.8	-2.4	-4113458	7.3	
19	337.863	1432.4	-4.9	-4.7	2	6.3	-2.4	-3965436	7.4	
19	337.563	1432.6	-4.4	-1.8	1.9	8.6	-2.1	-3820712	7.6	
19	337.263	1432.9	-6.6	-7.7	2.1	6.6	-1.8	-3660403	7.8	
19	336.963	1433.2	-4.7	-3.4	2.1	7.1	-1.4	-3501255	7.7	
19	336.663	1433.4	-5.1	-6.1	1.7	6.4	-0.8	-3344649	7.6	
19	336.363	1433.5	-5.4	-3.9	1.4	7.6	-0.4	-3201453	7.6	
19	336.063	1433.5	-6.6	-7.2	1.1	5.5	-0.1	-3074523	7.8	
19	335.763	1433.3	-5.5	-2.6	0.8	6.6	0.2	-2978308	7.8	
19	335.463	1433.2	-5.6	-5	0.7	6.8	0.3	-2907987	7.8	
19	335.163	1433	-5.1	-2.5	0.5	7.4	0.3	-2848640	7.6	
19	334.863	1432.6	-5.7	-4.9	0.1	7.5	0.2	-2825574	7.6	
19	334.563	1432.5	-5.4	-0.9	0.1	7	-0.1	-2825574	7.4	
19	334.263	1432.5	-4.7	-2.4	0.1	7.1	-0.2	-2860315	7	
19	333.963	1432.4	-5.4	-2.1	0	6.4	-0.4	-2924232	6.8	
19	333.663	1432.5	-4.6	-1.1	0	7.6	-0.5	-3003946	6.6	
19	333.363	1432.3	-4.6	-0.7	-0.2	6.9	-0.7	-3101852	6.6	
19	333.063	1432	-4.2	-0.3	-0.4	7.5	-0.8	-3196565	6.7	
19	332.763	1431.8	-5.4	-2	-0.2	6.4	-0.9	-3286892	7.2	
19	332.463	1431.6	-4.5	3.4	0	7.8	-1.1	-3366158	7.4	
19	332.163	1431.7	-5.2	-0.6	0.2	7.3	-1.1	-3415580	7.7	
19	331.863	1431.7	-4.4	2	0.3	8.2	-1.3	-3415580	7.9	
19	331.563	1432.1	-4.5	-0.5	0.9	8	-1.4	-3371579	8.2	
19	331.263	1432.6	-4.6	2	1.5	7.6	-1.5	-3292060	8.4	
19	330.963	1433	-4.3	1.4	2.3	8.2	-1.7	-3196565	8.6	
19	330.663	1433.1	-4.3	-0.1	2.8	8.2	-2	-3092689	8.6	
19	330.363	1432.8	-4	1.6	2.8	9	-2.3	-3008262	8.6	
19	330.063	1432.8	-4	0.7	3	7.9	-2.2	-2924232	8.6	
19	329.763	1432.7	-4.1	0.6	2.8	8.6	-2	-2856413	8.6	
19	329.463	1432.8	-4.7	-1.2	2.9	7.3	-1.8	-2810403	8.5	
19	329.163	1432.7	-3.3	2.7	2.7	9	-1.7	-2795394	7.9	
19	328.863	1432.7	-3.1	0.6	2.5	8.3	-1.5	-2799132	7.6	
19	328.563	1432.6	-3.1	1.7	1.9	8.6	-1.1	-2814181	7.3	
19	328.263	1432.6	-3.7	-1.8	1.3	7.4	-0.8	-2829392	7.3	
19	327.963	1432.7	-3.3	2.2	1.3	7.9	-0.8	-2852521	6.6	
19	327.663	1432.4	-2.1	-0.2	1.1	7.6	-0.9	-2864228	6.3	
19	327.363	1432.1	-3	2.8	1.1	7.1	-1.3	-2864228	6.2	
19	327.063	1431.6	-2.5	2.5	0.9	8	-1.6	-2840910	6.3	
19	326.763	1431.4	-4.3	-1.5	1.1	5.8	-1.9	-2802879	6.7	
19	326.463	1430.8	-2.9	0.2	0.7	7.8	-2	-2740511	7.7	
19	326.163	1430.7	-4.5	1	0.8	6.7	-2	-2670600	8.1	
19	325.863	1431	-3.2	0.7	0.8	8.8	-1.7	-2594486	8.7	
19	325.563	1431.6	-5.1	-1.1	1.2	6.6	-1.4	-2516527	8.7	
19	325.263	1431.6	-2.8	2.1	1.4	8.9	-1.2	-2440269	9.2	
19	324.963	1431.9	-3.7	0.7	1.4	7.9	-0.8	-2368496	9.1	
19	324.663	1431.8	-3.8	2.8	1.2	8.3	-0.4	-2303356	9.4	
19	324.363	1431.7	-3.5	1.2	0.8	8.7	0	-2248927	8.8	
19	324.063	1431.5	-2.8	2.3	0.6	8.4	0.3	-2199318	8.6	
19	323.763	1431.3	-3.1	2.3	0.3	8	0.3	-2156283	8	
19	323.463	1431.2	-2.8	3.8	0.2	7.8	0.2	-2117038	7.9	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
19	323.163	1430.9	-2.6	2.9	-0.2	8.2	-0.1	-2083334	7.4	
19	322.863	1430.5	-2.9	2.7	-0.3	6.7	-0.5	-2050686	7.4	
19	322.563	1430.6	-1.9	3.2	-0.1	7.9	-0.8	-2020995	7	
19	322.263	1430.5	-2.8	2.9	0.2	7.6	-1.1	-1992151	7.4	
19	321.963	1430.5	-2.5	2.9	0.7	7.1	-1.4	-1958607	7	
19	321.663	1430.5	-2.3	2.4	1.1	7.4	-1.7	-1924403	7.5	
19	321.363	1430.7	-1.6	3.8	1.5	8.2	-1.7	-1893084	7.2	
19	321.063	1430.6	-2.2	2.4	1.6	7.4	-1.7	-1859459	7.6	
19	320.763	1430.8	-1.8	2.8	1.8	7.9	-1.6	-1830202	7.4	
19	320.463	1430.9	-1.6	2.6	2.1	7.8	-1.4	-1803403	7.7	
19	320.163	1431.1	-1.9	3.5	2	7.8	-1.2	-1780401	7.5	
19	319.863	1431	-2.1	2.4	2	7.3	-1.2	-1755030	7.7	
19	319.563	1430.7	-1.7	3.5	1.8	8.2	-1.3	-1727517	7.6	
19	319.263	1430.6	-1.6	2.8	1.5	7.5	-1.2	-1699473	8	
19	318.963	1430.5	-2.1	2.4	1.2	6.5	-1.3	-1670991	7.7	
19	318.663	1430.2	-1.1	3.5	0.9	7.7	-1.4	-1640871	8	
19	318.363	1430.2	-1.9	2.4	0.9	6.7	-1.7	-1608104	7.8	
19	318.063	1430	-0.5	3.8	0.7	7.8	-1.8	-1574249	8.2	
19	317.763	1430	-2.4	1.6	0.8	6.3	-2.1	-1544064	8.2	
19	317.463	1429.8	-0.5	3.5	0.7	8.4	-2.1	-1516113	8.6	
19	317.163	1430	-2	2.1	1.2	6.8	-2.4	-1494469	8.4	
19	316.863	1430.2	0.1	4.8	1.4	8.2	-2.4	-1474473	8.6	
19	316.563	1430.5	-0.1	3.2	1.8	7.9	-2.5	-1459060	8.5	
19	316.263	1430.8	0.6	3.7	2.1	8.1	-2.4	-1443967	8.6	
19	315.963	1431.2	0.2	3.3	2.4	8.2	-2.4	-1429182	8.6	
19	315.663	1431.3	1.4	5.1	2.6	8.5	-2.3	-1411835	8.6	
19	315.363	1431.6	1	4.3	2.9	8.8	-2.3	-1392122	8.4	
19	315.063	1431.4	1.5	3.6	2.9	8.3	-2.3	-1371154	8.7	
19	314.763	1431.8	0.9	3.9	3.2	8.2	-2.3	-1347331	8.3	
19	314.463	1431.9	2.6	5.1	3.3	7.9	-2.3	-1320979	7.8	
19	314.163	1431.9	3.2	7.5	3.2	8.3	-2.3	-1292439	7.8	
19	313.863	1431.9	3.3	6.2	3	7.8	-2.3	-1259779	7.9	
19	313.563	1432.1	3.2	7.7	3	7.3	-2.3	-1227287	7.7	
19	313.263	1432	3.6	6.8	2.9	7.2	-2.3	-1193701	7.7	
19	312.963	1432	3.7	8.8	2.7	7.2	-2.4	-1161260	7.8	
19	312.663	1431.8	4.3	7.1	2.6	7.7	-2.4	-1129926	8.2	
19	312.363	1431.8	4.1	7.8	2.5	7	-2.6	-1100238	7.9	
19	312.063	1431.7	5	8.8	2.7	7.4	-2.9	-1072619	8	
19	311.763	1431.6	5.6	9.1	2.7	7.4	-3.2	-1047400	7.8	
19	311.463	1431.6	6.3	9.1	2.7	8.3	-3.2	-1026853	8.3	
19	311.163	1431.6	7.1	10.2	2.8	8.7	-3.5	-1009524	7.7	
19	310.863	1431.6	6.8	9.6	2.8	8.4	-3.5	-994185	8.2	
19	310.563	1431.7	7.6	10.2	3	8.9	-3.7	-981140	7.7	
19	310.263	1431.7	8.1	11	3.2	8.7	-3.8	-968434	7.8	
19	309.963	1432	9.1	11	3.5	9.7	-3.9	-956489	7.2	
19	309.663	1431.9	8.6	11.4	3.5	8.3	-3.9	-943557	7.7	
19	309.363	1432.2	8.8	11.3	3.7	8.6	-3.8	-930971	7.1	
19	309.063	1432.2	9.3	11.6	3.7	7.9	-3.8	-915502	7.5	
19	308.763	1432.6	9	10.6	4	8	-3.8	-898221	7.4	
19	308.463	1432.6	9.7	11.9	4	8.4	-3.7	-879729	8	
19	308.163	1432.8	9.2	11	4	8	-3.6	-861982	7.9	
19	307.863	1432.8	10.2	11.8	3.9	8.4	-3.4	-843916	8.7	
19	307.563	1433.1	9.2	11.1	3.9	7.2	-3.4	-827244	8.4	
19	307.263	1433	11	13.1	3.8	9.1	-3.3	-811533	9	
19	306.963	1433.1	9.1	10.8	3.8	7.2	-3.5	-798534	9	
19	306.663	1433.1	11.6	13.2	3.7	9.8	-3.4	-786535	9.5	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
19	306.363	1433.2	9.7	11.8	3.7	7.7	-3.5	-776040	9.2	
19	306.063	1433	11.9	13	3.7	9.3	-3.5	-766102	9.5	
19	305.763	1433.1	10.5	12.4	3.7	8.2	-3.5	-756688	9.2	
19	305.463	1433	12.8	13.3	3.8	9.3	-3.5	-747236	9.4	
19	305.163	1433.1	11.8	14.2	3.8	8.6	-3.5	-738278	8.9	
19	304.863	1433.1	13.3	13.8	4	8.3	-3.5	-729532	9	
19	304.563	1433.4	13	15	4.3	8.8	-3.5	-720990	8.4	
19	304.263	1433.4	13.4	13.3	4.4	7.6	-3.5	-712162	8.8	
19	303.963	1433.4	13.4	13.5	4.6	7.8	-3.9	-703311	8.2	
19	303.663	1433.1	14.5	13.9	4.4	7.5	-4.1	-694216	8.5	
19	303.363	1433.1	13.8	13.6	4.6	7.6	-4.6	-685354	8.2	
19	303.063	1432.7	15.6	14.2	4.5	7.8	-5	-676278	8.4	
19	302.763	1432.6	15	14	4.4	8.4	-5.5	-667439	8.4	
19	302.463	1432.2	17	15.5	4.1	9.1	-5.8	-658207	9.1	
19	302.163	1432.1	16.2	15.3	4	9.2	-6	-649429	9.1	
19	301.863	1431.9	17.6	15	4.1	9.3	-6.1	-641077	9.3	
19	301.563	1432.3	18	14.8	4.3	11	-5.7	-633512	9.3	
19	301.263	1432.5	19.1	15.8	4.6	10.6	-5.2	-625750	9.7	
19	300.963	1433	18.3	15.1	5.1	10	-4.9	-618540	9.2	
19	300.663	1433.5	19.6	16	5.4	10.7	-4.4	-611138	9.4	
19	300.363	1434.2	18.2	14.5	5.9	8.9	-4.2	-604085	8.9	
19	300.063	1434.7	20.6	16.3	6.3	9.8	-3.9	-597023	8.8	
19	299.763	1434.7	19.3	15.2	6.4	8.3	-4.2	-590124	8.3	
19	299.463	1434.4	21.9	16.9	6.1	10.1	-4.3	-583058	8.6	
19	299.163	1433.9	19.1	13.5	5.9	6.7	-5	-575683	8	
19	298.863	1433.1	21.9	15.6	5.8	8.2	-5.7	-568493	8	
19	298.563	1432.6	21.1	14	5.7	7.9	-6.3	-561631	7.8	
19	298.263	1432.3	21	14.2	5.6	7.4	-6.6	-554786	8.4	
19	297.963	1432.4	21.4	13.8	5.7	8.1	-7	-548248	7.8	
19	297.663	1432.5	22.2	14.1	5.6	7.9	-7.1	-541723	8.3	
19	297.363	1433	22.4	13.3	5.8	8.4	-7	-535489	8	
19	297.063	1433.3	23.2	14.6	5.6	8.2	-6.6	-529262	8.8	
19	296.763	1433.7	22.9	14.1	5.9	8.4	-6.4	-523571	8.3	
19	296.463	1433.5	24.4	15.1	5.9	8.9	-6.1	-518002	8.6	
19	296.163	1433.4	23.8	14.8	5.7	8.3	-5.9	-512674	8.5	
19	295.863	1433.1	24.5	14.8	5.5	9	-5.8	-507456	9.1	
19	295.563	1433.2	24	14.8	5.5	8.7	-5.8	-502222	9	
19	295.263	1433.3	24.7	14.5	5.5	8.8	-5.7	-496859	9.4	
19	294.963	1433.8	24.6	15.4	5.8	8.4	-5.7	-491263	9.2	
19	294.663	1434.1	25.8	14.8	6.1	9	-5.7	-485679	9.5	
19	294.363	1434.4	26.5	17.4	6.4	9.2	-5.9	-480001	9.1	
19	294.063	1434.4	26.4	14.8	6.8	8.8	-6	-474346	9.7	
19	293.763	1434.7	26.9	17.2	7.2	8.8	-6.2	-469244	9.2	
19	293.463	1434.5	28.2	16.3	7.3	10.1	-6.2	-464147	9.4	
19	293.163	1434.6	27.2	16.7	7.5	9.2	-6.4	-459461	8.9	
19	292.863	1434.4	28.4	15.6	7.4	9.4	-6.5	-455464	9	
19	292.563	1434.4	28.4	16.6	7.2	9.4	-6.8	-452120	8.4	
19	292.263	1434.1	29.4	16.1	6.6	9	-6.9	-449017	8.5	
19	291.963	1434.2	30	17	6.6	9	-7.1	-446052	7.9	
19	291.663	1433.8	30.1	16.7	6.1	8.7	-7.1	-443031	8	
19	291.363	1433.9	30.7	17.3	6.3	9.1	-7.3	-439313	7.7	
19	291.063	1433.7	30.5	16	6.4	7.2	-7.4	-434933	8.2	
19	290.763	1433.7	29.9	16.1	6.6	8.1	-7.6	-430197	8.6	
19	290.463	1433.8	31.3	15.7	7	8.5	-7.7	-424786	9.4	
19	290.163	1434.2	30.2	15.2	7.6	8	-7.9	-419257	9.6	
19	289.863	1434.7	31.9	14.9	8.5	8.7	-8	-413625	10.3	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
19	289.563	1435.1	31.3	15.1	9.1	8.6	-8.2	-408540	10.6	
19	289.263	1435.1	32.4	14.8	9.7	9.3	-8.4	-403735	11.4	
19	288.963	1435.2	31.8	13.8	9.7	9.3	-8.4	-399880	11.3	
19	288.663	1434.9	34.8	15.7	9.3	11	-8.3	-396923	11.3	
19	288.363	1434.9	33.6	15.3	9.2	10.1	-8.3	-394753	10.7	
19	288.063	1434.6	36.1	16.5	8.6	11.2	-8.1	-393123	10.5	
19	287.763	1434.6	35.2	17	8.3	10.7	-8	-391945	9.6	
19	287.463	1434.3	37.6	17	7.6	11.3	-7.9	-390921	9	
19	287.163	1434.2	36.7	17.4	7.3	9.5	-7.9	-389684	8.4	
19	286.863	1433.8	39	17.1	6.8	11.1	-7.8	-387879	8.1	
19	286.563	1434	36.9	17.8	7	8.8	-7.7	-385593	7.5	
19	286.263	1434.2	39.7	17.8	7.5	8.9	-7.7	-382914	6.9	
19	285.963	1434.3	38.6	17.5	7.8	8.5	-7.7	-379857	6.4	
19	285.663	1434.3	39.6	18.6	8.1	7.6	-7.8	-376442	6.2	
19	285.363	1434.4	38.1	16.7	8.4	6.7	-8	-372624	6.1	
19	285.063	1434.5	38.7	16.5	8.8	6.3	-8.3	-368622	5.9	
19	284.763	1434.6	39.9	17.5	8.8	6.4	-8.4	-364515	5.7	
19	284.463	1434.6	39.6	16.4	9.2	4.9	-8.6	-360561	5.8	
19	284.163	1434.3	39.4	16.5	9	5.6	-8.7	-356934	5.9	
19	283.863	1434	40.6	16.2	8.5	5.6	-8.7	-353440	6	
19	283.563	1433.5	39.4	15.6	8.3	4.5	-9	-350247	6.1	
19	283.263	1433.5	40.4	15.9	8.4	4.5	-9.2	-347342	6.1	
19	282.963	1433.4	39.8	15.8	8.1	5.5	-9	-344768	7.6	
19	282.663	1433.8	39.1	14.4	8.2	4.5	-8.9	-342456	8	
19	282.363	1434.1	41.6	17	8.2	6.7	-9	-340396	8.1	
19	282.063	1434.2	42	16.2	8.1	6.3	-9.1	-338416	8.4	
19	281.763	1434	42.5	16	8.1	8.2	-9.3	-336512	9.7	
19	281.463	1434.1	42.2	15.8	8.8	7.5	-9.7	-334523	10	
19	281.163	1434	43.5	16.6	9.2	9.6	-10	-332504	10.4	
19	280.863	1434.3	44.5	16.3	9.8	10.1	-10.2	-330406	10.6	
19	280.563	1434.2	45.6	18.4	10.1	12	-10.6	-328230	10.7	
19	280.263	1434.4	46.4	18	10.3	12.5	-10.7	-326033	10.9	
19	279.963	1435.1	46.1	17.7	11	11.7	-10.7	-323814	10.9	
19	279.663	1435.7	48.6	19.2	11.4	13.6	-10.5	-321625	10.8	
19	279.363	1436	48.7	18.7	11.9	12.5	-10.4	-319515	10.5	
19	279.063	1436	48.8	18.7	11.6	13.1	-10	-317528	10.3	
19	278.763	1436.1	49.2	18.5	11.4	11.1	-9.6	-315566	9.3	
19	278.463	1435.9	49.7	19.2	10.8	11.4	-9.2	-313628	8.8	
19	278.163	1436	48.9	19	10.6	8.6	-8.8	-311761	8.1	
19	277.863	1435.8	50.6	19.3	10.1	9.6	-8.6	-309869	7.7	
19	277.563	1435.6	49.1	18.9	9.5	7.1	-8.5	-307955	7.3	
19	277.263	1435.4	49.5	17.6	9.3	6	-8.7	-306019	7.2	
19	276.963	1435	50.9	19.6	9.1	7.3	-9.1	-304152	7.3	
19	276.663	1434.8	49.8	17.4	9.4	6.6	-9.6	-302264	7.7	
19	276.363	1434.5	51.2	19.4	9.4	8.5	-9.9	-300400	8.5	
19	276.063	1434.3	49.6	14.8	9.6	7.2	-10.3	-298558	9.1	
19	275.763	1434.2	51.2	17.6	9.8	9	-10.8	-296739	9.5	
19	275.463	1434.1	50.9	14.8	10.4	8.8	-11.5	-294983	9.6	
19	275.163	1434	52.5	17.3	10.6	10	-11.8	-293330	9.7	
19	274.863	1434	52.9	15.3	11	10.1	-12.1	-291817	9.6	
19	274.563	1434	53.2	16.5	11.1	9.8	-12	-290320	9.5	
19	274.263	1434.1	53	14	11.2	9.9	-11.8	-288799	9.4	
19	273.963	1433.9	53.2	16.3	11.2	9.6	-11.8	-287096	9.3	
19	273.663	1434.1	53.3	13.6	11.4	9.4	-11.6	-285219	9.1	
19	273.363	1434.3	54.5	15.9	11.4	10.1	-11.2	-283289	9.2	
19	273.063	1434.6	52.9	13.3	11.6	8	-10.9	-281272	8.8	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
19	272.763	1434.8	55.3	17.2	11.5	8.6	-10.6	-279023	8.6	
19	272.463	1434.8	55.2	16.5	11.5	8.4	-10.5	-276664	8.5	
19	272.163	1434.8	54.8	14.9	11.6	8	-10.5	-274272	8.9	
19	271.863	1434.6	55.2	15.6	11.4	9	-10.6	-271957	9	
19	271.563	1434.5	54.6	15.2	11.6	7.5	-10.8	-269819	9.1	
19	271.263	1434.2	56.4	15.8	11.4	9	-11.1	-267954	9.1	
19	270.963	1434	56	16.6	11.2	8.6	-11.4	-266319	9.3	
19	270.663	1433.8	56.5	16.1	11.2	9.9	-11.8	-264870	9.3	
19	270.363	1433.8	58	18.2	11.2	9.4	-12	-263736	9.2	
19	270.063	1433.7	57.8	18.7	11.4	9.5	-12.3	-262743	9.2	
19	269.763	1433.4	58.1	16.5	11.3	10.1	-12.4	-261888	9.7	
19	269.463	1433.5	57.4	15.4	11.6	8.9	-12.5	-261137	9.1	
19	269.163	1433.6	59.2	16.7	11.7	9.9	-12.5	-260455	8.8	
19	268.863	1433.7	59.8	17.6	11.9	9.3	-12.5	-259615	8.5	
19	268.563	1434	59	15.5	12.2	9.3	-12.4	-258621	8.9	
19	268.263	1434.3	58.9	14.4	12.3	8.5	-12.3	-257413	8.9	
19	267.963	1434.4	60.3	14.7	12.3	9.1	-12.2	-255934	9	
19	267.663	1434.4	59.7	13.3	12.4	8.3	-12.2	-254225	9	
19	267.363	1434.2	60.5	14.4	12.2	9	-12.2	-252356	9.3	
19	267.063	1434.3	60.1	11.5	12.1	8.9	-12.1	-250365	9.3	
19	266.763	1434.3	61.6	12.9	12.1	9	-12.1	-248375	9.4	
19	266.463	1434.4	61.7	12.9	12.2	8.6	-12	-246504	9.4	
19	266.163	1434.5	61.2	12	12.3	8.8	-12	-244804	9.7	
19	265.863	1434.8	62.2	12.5	12.5	9.6	-12	-243324	9.6	
19	265.563	1434.8	62.5	13.6	12.5	8.7	-12	-242086	9.7	
19	265.263	1434.8	63	12.4	12.7	9.2	-12	-241166	9.4	
19	264.963	1434.9	63.6	14.5	13.1	8.7	-12	-240446	9.3	
19	264.663	1435	63.6	14.1	13.3	9.2	-12.1	-239950	9	
19	264.363	1435	64.8	13.9	13.6	8.2	-12.4	-239511	8.9	
19	264.063	1434.7	65.3	15.5	13.8	8.3	-13	-239101	8.6	
19	263.763	1434.5	65.2	14	14	8.4	-13.5	-238638	8.7	
19	263.463	1434.4	65.5	15.9	14.1	8.4	-14	-238014	8.6	
19	263.163	1434.1	66.7	15.5	14.3	8.7	-14.5	-237205	8.5	
19	262.863	1433.8	66.8	15.9	14.3	8.2	-15	-236242	8.4	
19	262.563	1433.5	67.8	15.3	14.2	9.7	-15.3	-235154	8.7	
19	262.263	1433.3	66.8	13.9	14.1	8	-15.6	-233945	8.6	
19	261.963	1433.3	69.5	16.3	13.8	10.2	-15.6	-232671	8.5	
19	261.663	1433.5	69.4	16.4	13.7	9.7	-15.4	-231335	8.6	
19	261.363	1433.5	69.8	16.6	13.6	10.1	-15.1	-230013	8.8	
19	261.063	1433.8	69.3	16	13.6	10	-14.8	-228732	8.7	
19	260.763	1433.9	70.5	16	13.6	9.6	-14.5	-227514	8.8	
19	260.463	1434.2	70.9	18	13.6	10.5	-14	-226334	8.8	
19	260.163	1434.4	70	14.7	13.7	9	-13.7	-225166	9.3	
19	259.863	1434.7	71.1	15.9	13.7	10.4	-13.3	-224081	9.2	
19	259.563	1435.2	70.8	16	13.9	8.2	-12.8	-223031	9.2	
19	259.263	1435.7	71.4	16.2	14	8.8	-12.5	-222038	8.8	
19	258.963	1435.5	71.7	17.1	13.8	8.2	-12.6	-221100	9.1	
19	258.663	1435.6	70.6	14.2	13.7	7.2	-12.7	-220170	9.1	
19	258.363	1435.5	72.7	16.7	13.8	8.5	-13	-219271	9.1	
19	258.063	1435.3	71.7	15.2	13.8	6.8	-13.5	-218425	9.1	
19	257.763	1435.3	72.9	14.9	14.2	8.7	-14.1	-217585	9.2	
19	257.463	1435.2	73	15.2	14.5	8.6	-14.6	-216796	9.3	
19	257.163	1434.9	74	15.9	14.4	10	-15.3	-216014	9.4	
19	256.863	1434.8	73.5	16.1	14.5	8.9	-15.8	-215214	9.6	
19	256.563	1435	75.4	16.2	14.9	11.3	-16	-214377	9.7	
19	256.263	1435.3	75.6	15.8	15.1	12.1	-15.8	-213525	9.7	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
19	255.963	1435.6	76.1	17.1	15.4	11.4	-15.5	-212679	9.6	
19	255.663	1435.8	77.1	18.2	15.6	12.4	-15.2	-211797	9.4	
19	255.363	1436	76.8	16.5	15.5	11.2	-14.8	-210880	9.2	
19	255.063	1436	76.3	16.6	15.2	10.7	-14.4	-209949	9.2	
19	254.763	1436.5	76.1	15.6	15.5	9	-13.9	-209006	8.6	
19	254.463	1436.4	76.9	16.8	15.1	9.9	-13.6	-208072	8.3	
19	254.163	1436.7	76	14.4	15.1	6.8	-13.3	-207186	8	
19	253.863	1436.4	75.9	14.2	14.7	6.6	-13.5	-206410	7.9	
19	253.563	1435.9	76	14.8	14.4	5.7	-13.9	-205701	8.2	
19	253.263	1435.6	76.5	14.3	14.2	6.1	-14.2	-205116	8.2	
19	252.963	1435.3	76.8	14.3	14.2	5.9	-14.5	-204635	8.1	
19	252.663	1435.1	76.7	13.7	14.2	5.7	-14.7	-204276	8.1	
19	252.363	1434.9	77.4	13.8	14.2	6.2	-15.1	-203997	8.3	
19	252.063	1435	77.1	13.5	14.6	6.3	-15.4	-203819	8.4	
19	251.763	1434.9	78.9	14.1	14.8	7.6	-15.8	-203660	8.4	
19	251.463	1435.2	78.9	13.6	15.2	7.9	-16	-203502	8.4	
19	251.163	1435.2	81	15.8	15.7	9.2	-16.2	-203344	8.4	
19	250.863	1435.4	80	14.5	16.1	8.4	-16.3	-203146	8.3	
19	250.563	1435.2	81.1	14.4	16.3	8.2	-16.6	-202910	8.3	
19	250.263	1435.1	81.9	15.1	16.4	9.4	-16.8	-202576	8	
19	249.963	1435.1	82.9	15.1	16.5	9.1	-16.8	-202185	8	
19	249.663	1435.2	81.6	14.8	16.6	8.6	-16.8	-201679	8	
19	249.363	1435.2	83.4	13.9	16.6	8.6	-16.7	-201059	7.8	
19	249.063	1435.6	82.9	13.5	16.6	8.1	-16.5	-200328	7.6	
19	248.763	1435.4	84.5	14.7	16.6	8.1	-16.5	-199565	8	
19	248.463	1435.6	83.3	14	16.4	8.4	-16.3	-198788	8.1	
19	248.163	1435.7	85.5	15	16.4	8.9	-16	-198055	8.2	
19	247.863	1435.9	84.3	13.4	16.5	8	-15.9	-197383	8.1	
19	247.563	1435.9	86.2	16.2	16.5	8.3	-15.7	-196826	8.3	
19	247.263	1435.9	84.8	13.7	16.4	8.8	-15.7	-196383	8.4	
19	246.963	1435.8	86.2	15.4	16.3	8.2	-15.7	-196070	8.5	
19	246.663	1435.7	85.9	14.5	16.3	8.4	-15.9	-195887	8.4	
19	246.363	1435.5	87.9	16.2	16.2	10	-15.9	-195759	8.5	
19	246.063	1435.6	85.9	15.3	16.3	8.5	-15.9	-195612	8.4	
19	245.763	1435.4	88.6	15.9	16.4	9.3	-16.1	-195393	8.3	
19	245.463	1435.5	86.9	15.2	16.6	8.9	-16.3	-195138	8.1	
19	245.163	1435.2	89.6	16.7	16.5	9.8	-16.4	-194812	8.1	
19	244.863	1435.3	87.2	14.2	16.6	8.8	-16.5	-194396	7.8	
19	244.563	1435.1	89.6	15.6	16.5	9.8	-16.6	-193838	7.6	
19	244.263	1435.1	89	15.5	16.6	9.7	-16.7	-193212	7.4	
19	243.963	1434.9	88.3	12.9	16.6	7.2	-16.8	-192466	8	
19	243.663	1434.8	88.3	12.7	16.5	8.9	-17	-191726	7.7	
19	243.363	1434.5	89.6	13.5	16.2	8.8	-16.9	-191026	8	
19	243.063	1434.5	87.9	10.8	16	8.3	-16.9	-190349	7.9	
19	242.763	1434.3	89.6	12.8	15.8	8	-16.8	-189677	8.1	
19	242.463	1434.4	87.6	11.3	15.6	8.5	-16.7	-189009	8.2	
19	242.163	1434.6	88.6	12.5	15.6	7.5	-16.5	-188499	8.5	
19	241.863	1434.7	87.5	10.6	15.5	6.8	-16.4	-188092	8.1	
19	241.563	1434.8	90.3	14.3	15.5	9.8	-16.2	-187839	8	
19	241.263	1435	88.3	12.4	15.6	8.5	-15.9	-187688	8.2	
19	240.963	1435.1	89.1	13.1	15.8	7.9	-15.8	-187671	8.2	
19	240.663	1435.3	88.1	11.6	15.9	8.1	-15.7	-187755	8.1	
19	240.363	1435.4	89.7	12.9	16.3	8.5	-15.7	-188008	8.1	
19	240.063	1435.7	87.4	10.7	16.6	8.2	-15.7	-188397	8.2	
19	239.763	1435.9	89.7	12.3	16.9	8.6	-15.9	-188839	8	
19	239.463	1436.1	88.6	11.5	17.1	9.5	-16	-189265	8	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
19	239.163	1436	88.8	9.9	17.3	7.1	-16.3	-189660	8.4	
19	238.863	1435.8	87.8	8.9	17.3	8.4	-16.6	-189986	8.4	
19	238.563	1435.7	89.2	8.2	17.3	8.3	-16.8	-190245	8.4	
19	238.263	1435.7	88.3	8.3	17.4	8.8	-16.9	-190384	8.3	
19	237.963	1435.3	89	7.9	17.3	8.2	-17.1	-190349	8.7	
19	237.663	1435.3	87.2	5.3	17.1	8.5	-17.1	-190176	8.6	
19	237.363	1435.2	89.6	6.7	16.9	9	-17	-189831	8.8	
19	237.063	1435.3	86.6	5	16.8	7.5	-17	-189419	8.7	
19	236.763	1435.2	89.9	6.5	16.3	9.6	-16.8	-188941	8.9	
19	236.463	1435.2	87.4	4.5	16.2	9.1	-16.7	-188465	8.8	
19	236.163	1435.2	89.5	5	15.9	8.9	-16.6	-187957	8.9	
19	235.863	1435	87.6	4.3	15.6	8.2	-16.7	-187469	8.8	
19	235.563	1434.8	89.3	3.8	15.5	9	-16.6	-187051	8.8	
19	235.263	1434.8	87.2	2.9	15.4	8.8	-16.6	-186700	8.6	
19	234.963	1434.7	89.2	3	15.5	8	-16.7	-186451	8.4	
19	234.663	1434.9	87.1	2.3	15.8	7.7	-17	-186285	8.2	
19	234.363	1435.3	89.7	3.5	16.3	8.6	-17.1	-186202	8.2	
19	234.063	1435.7	86.4	0.5	17	6.8	-17.5	-186186	8	
19	233.763	1436.1	89.9	2	17.8	8.4	-17.7	-186202	7.5	
19	233.463	1436.5	88.1	2.2	18.6	7.9	-17.9	-186285	7.2	
19	233.163	1436.6	89.2	0.6	19.2	7.4	-18.1	-186351	7.2	
19	232.863	1436.7	86.8	-0.1	19.7	6.8	-18.4	-186434	7.1	
19	232.563	1436.6	89.6	0	19.8	8.1	-18.6	-186501	7	
19	232.263	1436.9	88.5	1.3	19.4	9.2	-18.1	-186534	7.1	
19	231.963	1437	88.8	-0.8	19	7.8	-17.8	-186484	7.8	
19	231.663	1437.1	87.8	-1.2	18.2	9.4	-17.3	-186401	8	
19	231.363	1436.8	88.5	0.2	17.1	8.1	-16.9	-186269	8.3	
19	231.063	1436.6	87.3	-1	15.9	8.6	-16.3	-186070	8.5	
19	230.763	1436.1	88.8	-0.8	14.8	9.2	-15.8	-185839	8.9	
19	230.463	1436	86.9	-1	13.9	9.3	-15.1	-185559	9.2	
19	230.163	1436	87.8	-1.8	13.5	8.6	-14.5	-185247	9.5	
19	229.863	1436.3	85.7	-1.9	13.4	7.4	-14.2	-184920	9.6	
19	229.563	1436.3	87.8	-0.8	13.6	9.3	-14.3	-184626	9.8	
19	229.263	1436.8	86.4	-1.1	14.2	8.8	-14.4	-184382	9.6	
19	228.963	1437.2	87.4	-2.9	15.1	9	-14.6	-184204	9.7	
19	228.663	1437.5	86.2	-2.1	16	8.7	-15	-184107	9.6	
19	228.363	1437.7	87.9	-1.2	17	9	-15.5	-184074	9.5	
19	228.063	1437.7	86.8	-1.3	17.6	9.1	-16.2	-184091	9.2	
19	227.763	1437.5	87.7	-2	18.1	8.5	-16.9	-184188	9.3	
19	227.463	1437.3	87.4	0	18.3	10.1	-17.7	-184350	8.9	
19	227.163	1437.1	87.7	-2	18.5	8.2	-18.1	-184529	8.9	
19	226.863	1436.8	86.7	-1.9	18.2	8.6	-18.5	-184740	8.4	
19	226.563	1436.5	87.8	-1	18	7.6	-18.7	-184936	8	
19	226.263	1436.4	86.9	-0.9	17.9	8	-18.9	-185116	7.6	
19	225.963	1436.4	87.9	-1.3	17.8	7.1	-18.8	-185280	7.4	
19	225.663	1436.6	87	-1.3	17.9	6.9	-18.6	-185460	6.8	
19	225.363	1436.6	89.2	0.2	17.8	7.5	-18.4	-185592	6.4	
19	225.063	1437.1	86.8	-0.4	17.8	5.6	-17.9	-185674	6.2	
19	224.763	1437.2	89.1	-0.5	17.7	7.1	-17.5	-185740	6.2	
19	224.463	1437.4	86.6	0	17.8	5.5	-17.1	-185822	6.1	
19	224.163	1437.3	89	-0.9	17.6	7.3	-16.8	-185855	6.2	
19	223.863	1437.3	86.9	-0.5	17.6	5.8	-16.7	-185888	6.3	
19	223.563	1437.1	88.5	-1	17.2	7.8	-16.5	-185872	7.1	
19	223.263	1437	87	-0.6	16.8	7.8	-16.5	-185806	7.5	
19	222.963	1437	88.5	-0.8	16.7	8	-16.4	-185723	8.1	
19	222.663	1437.1	87.4	0.2	16.4	8.5	-16.4	-185690	8.3	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
19	222.363	1436.9	88.7	-0.5	16.3	8.5	-16.5	-185674	8.6	
19	222.063	1436.7	87.7	0.6	16.3	10	-16.8	-185559	8.6	
19	221.763	1436.6	88	-1.7	16.2	8.7	-16.9	-185378	9.1	
19	221.463	1436.5	87.8	1.4	16.1	9.9	-17	-185149	9.1	
19	221.163	1436.4	87.8	-2.1	16.3	9	-17.1	-184903	9.5	
19	220.863	1436.8	86.5	-1.6	16.8	9.1	-17.2	-184626	9.3	
19	220.563	1436.8	88	-1.2	17.1	8.6	-17.4	-184317	9.1	
19	220.263	1437	87.6	0.8	17.2	9.4	-17.6	-183929	9	
19	219.963	1436.9	88.5	-1.1	17.4	8.8	-17.7	-183446	9.1	
19	219.663	1437	86.1	-2.4	17.5	7.8	-17.7	-182981	9	
19	219.363	1437.3	87.9	-0.9	17.9	8.4	-17.5	-182614	8.8	
19	219.063	1437.4	87.1	-0.7	18.1	7.5	-17.4	-182296	8.5	
19	218.763	1437.3	88.2	-0.3	18.3	8.3	-17.2	-182010	8.4	
19	218.463	1437.4	86.4	-0.9	18.2	8	-17	-181805	8.2	
19	218.163	1437.3	88.6	-0.2	18	8.2	-16.8	-181695	8	
19	217.863	1437.6	86.9	0	18	7.1	-16.5	-181726	7.6	
19	217.563	1437.6	88.9	1.1	17.6	8	-16.1	-181884	7.7	
19	217.263	1437.6	86.8	1.1	17.3	7.7	-15.9	-182201	7.4	
19	216.963	1437.2	88.5	0.7	16.5	7.3	-15.7	-182550	7.3	
19	216.663	1436.9	88.4	2	16.1	8.6	-15.6	-182965	7.4	
19	216.363	1436	88.8	1.4	15.4	7.7	-15.6	-183397	7.6	
19	216.063	1435.7	86.7	0.5	15.1	8.1	-15.6	-183848	7.8	
19	215.763	1435.4	88.8	0.9	15	7.6	-15.6	-184253	7.9	
19	215.463	1435.3	87.2	0.4	15	8.5	-15.8	-184594	7.9	
19	215.163	1435.2	88.7	1	15.3	7.6	-16.1	-184903	8.2	
19	214.863	1435.4	86.8	-0.6	15.6	8.3	-16.3	-185099	8.2	
19	214.563	1435.5	89.2	1.5	16.2	8.7	-16.5	-185214	8.2	
19	214.263	1435.5	87.4	0.7	16.7	7.9	-16.9	-185263	8.1	
19	213.963	1435.2	89.1	1.3	17.3	7.9	-17.3	-185263	8.2	
19	213.663	1435	86.4	-0.5	17.7	7.8	-17.8	-185263	8	
19	213.363	1434.6	89.6	1.7	17.8	8.9	-18.3	-185247	8	
19	213.063	1434.6	86.3	-0.7	18	7.5	-18.6	-185230	7.7	
19	212.763	1434.3	89.8	0.6	17.7	9.3	-18.6	-185198	7.6	
19	212.463	1434.5	86.7	-0.1	17.7	7.6	-18.7	-185165	7.5	
19	212.163	1434.4	88.8	-0.3	17.5	8.3	-18.8	-185165	7.5	
19	211.863	1434.5	86.7	0.1	17.2	7.6	-18.9	-185247	7.6	
19	211.563	1434.3	90.1	1.1	17.1	9.7	-18.7	-185362	7.8	
19	211.263	1434.5	86.5	-0.4	17	9	-18.4	-185493	8	
19	210.963	1434.7	88.6	0.1	17	8.4	-18	-185625	8.6	
19	210.663	1435.1	85.8	-1.2	17	7.3	-17.7	-185773	8.7	
19	210.363	1435.3	87.4	-1.1	17.2	7.4	-17.5	-185954	9.2	
19	210.063	1435.6	86.3	-1.1	17.2	8.2	-17.5	-186169	9.3	
19	209.763	1436	86.8	-1.9	16.9	7.3	-17.1	-186335	9.8	
19	209.463	1436.8	86.1	-1.6	17.2	8.6	-16.6	-186418	10	
19	209.163	1436.7	87.3	-0.7	17	7.5	-16.4	-186401	10.4	
19	208.863	1436.8	84.7	-3.1	17.2	7.3	-16.4	-186318	10	
19	208.563	1436.9	88.1	0.3	17.1	8.5	-16.3	-186169	9.6	
19	208.263	1437	88.2	1.7	17	9.9	-16.2	-185954	9.1	
19	207.963	1436.9	88.6	0.6	16.7	9.2	-16	-185756	9.1	
19	207.663	1437.3	88.2	0.6	16.7	9.1	-15.9	-185542	8.4	
19	207.363	1438	89.7	1.2	17	9.9	-15.7	-185312	8	
19	207.063	1438	88.3	2.2	16.7	8.5	-15.9	-185116	7.6	
19	206.763	1437.8	90.2	2.3	16.5	9.7	-15.9	-184969	7.7	
19	206.463	1437.5	88.4	1.3	16.1	9.3	-16	-184887	7.5	
19	206.163	1437.4	89.7	1.5	16.1	8.4	-16.1	-184838	7.4	
19	205.863	1437.2	89.1	2.7	15.9	8	-16.3	-184822	7.3	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
19	205.563	1437.2	89.5	0.9	16.3	7.6	-16.5	-184822	7.4	
19	205.263	1437.3	88.7	1.8	16.3	8.3	-16.5	-184854	7.6	
19	204.963	1437.4	88.8	-0.1	16.4	6.7	-16.7	-184920	7.7	
19	204.663	1437.6	88.7	1.9	16.7	7.9	-16.8	-184969	7.8	
19	204.363	1437.8	89.2	0.7	17.1	6.9	-16.8	-185018	7.9	
19	204.063	1437.9	88.6	0.2	17.3	8.4	-16.8	-185083	8	
19	203.763	1438	89.2	0.4	17.5	6.9	-16.7	-185181	7.9	
19	203.463	1438.2	88.6	1.9	17.7	7.5	-16.6	-185312	7.8	
19	203.163	1437.9	90	1.2	17.6	7.7	-16.6	-185493	8	
19	202.863	1437.8	87.8	0.6	17.4	6.6	-16.6	-185740	8	
19	202.563	1437.5	90	1.3	17.1	7.7	-16.6	-185987	7.9	
19	202.263	1437.5	88.8	2	17.1	7.7	-16.5	-186252	7.7	
19	201.963	1437.3	90.3	1.1	16.6	7.8	-16.3	-186551	7.6	
19	201.663	1437.3	87.9	0.5	16.6	6.4	-16.2	-186900	7.7	
19	201.363	1437.1	90.8	1.7	16.4	8.6	-16.2	-187218	7.6	
19	201.063	1436.9	88.7	2.3	16.1	7	-16.3	-187486	7.3	
19	200.763	1436.6	91.2	1.6	15.8	9.6	-16.3	-187688	7.2	
19	200.463	1436.6	89.6	3.3	15.6	7.4	-16.3	-187839	7.1	
19	200.163	1436.5	91.5	1.7	15.6	9.7	-16.3	-187957	6.9	
19	199.863	1436.2	89	2.3	15.7	6.2	-16.7	-188042	6.8	
19	199.563	1436.1	91	2.2	16.2	7.6	-17.2	-188042	6.8	
19	199.263	1435.9	89.9	3.2	16.4	8.8	-17.6	-187923	7	
19	198.963	1435.9	90.5	0.4	16.6	7.5	-17.9	-187755	7.2	
19	198.663	1435.9	89.4	2.9	16.9	9	-18.1	-187604	8.2	
19	198.363	1436.3	87.7	-0.9	17.6	5.6	-18.3	-187436	8.1	
19	198.063	1436.8	90.8	5	17.7	9.9	-18	-187251	8.1	
19	197.763	1436.9	87.4	0	17.6	4.9	-17.8	-187051	8.4	
19	197.463	1436.9	90.4	4.1	17.6	9.8	-17.5	-186867	8.3	
19	197.163	1436.9	90.1	3.3	17.4	8.9	-17.1	-186684	8.6	
19	196.863	1436.9	88.2	2.1	17.1	8	-16.6	-186600	8.7	
19	196.563	1437.3	89.5	2.2	17.1	8.4	-16.1	-186584	8.6	
19	196.263	1437.3	88.5	3.8	16.9	7.8	-15.9	-186617	8.4	
19	195.963	1437.4	89.3	1.2	16.7	9.2	-15.7	-186717	8.5	
19	195.663	1437.7	88.5	0.3	16.8	7.3	-15.6	-186867	8.6	
19	195.363	1437.6	90.3	1.7	16.6	10.8	-15.6	-187051	8.8	
19	195.063	1437.5	88.9	0.7	16.6	8	-15.7	-187234	8.8	
19	194.763	1437	88.6	-1.1	16.4	8.5	-16	-187452	9.3	
19	194.463	1436.9	88	-0.3	16.4	9.4	-16.2	-187637	9.7	
19	194.163	1436.7	88.8	-1.4	16.2	9.4	-16.5	-187721	9.9	
19	193.863	1436.7	88.8	0.4	16.3	10.1	-16.7	-187704	9.9	
19	193.563	1436.4	89.5	-0.2	16.3	10.1	-17	-187587	9.9	
19	193.263	1436.2	88.8	-0.3	16.1	10.4	-17.2	-187385	10.2	
19	192.963	1436.3	89.1	-0.4	16.2	9	-17.1	-187184	10.3	
19	192.663	1436.3	89	0.3	16.3	10.2	-17.1	-186984	10.1	
19	192.363	1436.3	88.8	0	16.8	10.2	-17.1	-186767	9.9	
19	192.063	1436.5	88.5	-0.2	17.1	10.4	-17	-186517	9.9	
19	191.763	1436.7	89.1	-0.1	17.4	9.9	-16.8	-186285	9.5	
19	191.463	1436.8	88.7	0.1	17.6	9.1	-16.8	-186103	9.1	
19	191.163	1436.7	89.4	0.2	17.4	9.8	-16.8	-185987	9	
19	190.863	1436.9	88.8	0.2	17.6	8.9	-16.8	-185921	8.6	
19	190.563	1436.9	90.5	0.5	17.5	9.6	-16.8	-185872	7.9	
19	190.263	1436.7	89	1.2	17.2	8.3	-16.8	-185822	8	
19	189.963	1436.2	88.4	-1.6	16.7	7.9	-17	-185773	8.2	
19	189.663	1435.8	87.9	-0.9	16.2	8.1	-17.1	-185789	8.1	
19	189.363	1435.5	88.6	-1.7	15.8	7.4	-17.3	-185905	8	
19	189.063	1435.4	88.5	0.6	15.6	8.4	-17.4	-186120	8.1	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
19	188.763	1435.8	87.6	-3.2	15.8	6.7	-17.3	-186401	8.2	
19	188.463	1436.1	88.2	-0.5	15.8	8.4	-17.3	-186750	8.2	
19	188.163	1436.2	88.6	-2.6	15.7	7.1	-17.3	-187184	8	
19	187.863	1436.3	88.3	-1.3	15.7	8.7	-17.2	-187637	8.2	
19	187.563	1436.7	88.6	-2.9	16.1	8.3	-17	-188092	8	
19	187.263	1436.9	87.4	-1.6	16.2	8.8	-16.8	-188516	8.2	
19	186.963	1437.3	89.3	-1.7	16.5	8.7	-16.4	-188856	7.8	
19	186.663	1437.7	87.7	-2.2	16.8	7.4	-16	-189077	7.9	
19	186.363	1438	88.8	-1.7	17.1	9.1	-15.8	-189128	8	
19	186.063	1438.4	87.3	-2.1	17.3	8.3	-15.5	-189060	8.5	
19	185.763	1438.7	88.4	0.7	17.8	8.3	-15.4	-188873	8.7	
19	185.463	1438.9	86.6	-4.2	18	7.7	-15.4	-188549	9.2	
19	185.163	1439	88.3	0.9	18.1	8.8	-15.4	-188160	9.4	
19	184.863	1439.2	85.8	-4.6	18.1	8.4	-15.4	-187721	9.9	
19	184.563	1439	88.2	-1.9	18	8.4	-15.7	-187285	9.7	
19	184.263	1438.3	87.9	-0.3	17.4	9.6	-16.3	-186884	9.8	
19	183.963	1437.7	87.8	-1.7	16.9	8.7	-16.9	-186551	9.9	
19	183.663	1437.2	86.7	-1.8	16.5	9.7	-17.4	-186269	9.9	
19	183.363	1436.5	89.1	-0.2	16.3	10	-17.8	-186086	9.5	
19	183.063	1436.3	88	-0.5	16.1	11	-17.8	-186004	9.3	
19	182.763	1436	89.3	-1	16	10.1	-17.8	-185954	9.1	
19	182.463	1436.1	87.2	-1.7	16.1	9.7	-17.9	-185938	8.4	
19	182.163	1436.1	89.8	1.2	16.3	9.9	-18	-185938	7.9	
19	181.863	1436.7	88.4	0.4	17	8.8	-17.7	-185921	7.4	
19	181.563	1437.5	89.2	0.4	17.7	8.6	-17.3	-185872	7	
19	181.263	1437.7	86.6	-2.2	17.9	7	-16.9	-185822	6.6	
19	180.963	1437.3	88.7	-0.8	17.6	7.8	-16.7	-185789	6.3	
19	180.663	1437.1	85.9	-2.9	17.4	5.1	-16.6	-185740	6.1	
19	180.363	1436.7	88.2	-0.9	17.1	6.5	-16.6	-185690	6.1	
19	180.063	1436.7	86.1	-2.9	16.9	6.4	-16.6	-185641	6.1	
19	179.763	1436.6	87.4	-1.4	16.9	5.2	-16.6	-185674	6.1	
19	179.463	1436.5	86.1	-2.4	16.3	6.4	-16.5	-185773	6.1	
19	179.163	1436.5	87.4	-1.7	15.8	6.1	-16.3	-185971	6.1	
19	178.863	1436.3	85.6	-3.1	15.5	6.2	-16.2	-186252	6.1	
19	178.563	1436.3	85.3	-4.1	15.6	3.6	-16	-186551	6.1	
19	178.263	1436.4	85.9	-2.9	15.3	6.6	-15.7	-186900	6.1	
19	177.963	1436.4	86.4	-4.1	14.7	5.1	-15.3	-187318	6.1	
19	177.663	1436.6	84.5	-4.5	14.6	5	-15.1	-187755	6.1	
19	177.363	1436.5	86.8	-1.6	14.4	6.1	-15	-188160	6.2	
19	177.063	1436.6	83.2	-4.7	14.8	4.4	-15.1	-188499	6.6	
19	176.763	1436.4	85.6	-3	14.8	5.4	-15.3	-188685	6.9	
19	176.463	1436.3	84.4	-4.1	15.3	6.1	-15.8	-188685	7.2	
19	176.163	1436.2	86.8	-0.8	15.7	8.2	-16.3	-188566	7.4	
19	175.863	1436.5	85	-3.2	16.3	7.3	-16.8	-188295	8	
19	175.563	1437.3	86.7	-1.9	17.9	7.9	-17.5	-187923	8.3	
19	175.263	1437.5	85.1	-3.2	18.2	8.5	-17.9	-187486	8.6	
19	174.963	1437.5	86.4	-2.2	18.7	7.6	-18.3	-187034	8.8	
19	174.663	1437.4	84.8	-2.6	18.8	8.5	-18.6	-186584	8.8	
19	174.363	1437.4	86.9	-2.4	19.2	8.5	-18.6	-186269	8.9	
19	174.063	1437.4	85.5	-2.2	19.3	8.6	-18.5	-186136	8.8	
19	173.763	1437.3	86.8	-2	19.5	7.3	-18.4	-186202	9	
19	173.463	1437.6	85.4	-1.9	19.5	7.7	-18.1	-186434	8.9	
19	173.163	1437.5	87.8	-0.6	18.8	7.9	-17.7	-186750	8.9	
19	172.863	1437.8	85.8	-0.8	18.8	7.7	-17.4	-187084	8.8	
19	172.563	1437.7	88.4	0.1	18.5	8.2	-17.2	-187419	8.7	
19	172.263	1437.7	87	1.2	18.2	8.7	-17.1	-187755	8.8	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
19	171.963	1437.2	89	0.8	17.6	8.8	-17.1	-188058	8.9	
19	171.663	1436.8	87.1	-0.8	17	8.3	-17.1	-188261	9	
19	171.363	1436.3	90.3	2.5	16.4	10.2	-17.1	-188363	9.1	
19	171.063	1435.9	88.3	1.6	15.6	9.9	-17	-188380	9.1	
19	170.763	1435.5	90.8	1.7	15.2	10.5	-17.1	-188397	9.2	
19	170.463	1435.4	88.7	0.7	14.8	9.7	-17.1	-188465	9.2	
19	170.163	1435.3	91.5	2.2	14.7	10.9	-17.1	-188583	9.2	
19	169.863	1435.7	89.4	2.2	14.5	10.6	-16.8	-188753	9	
19	169.563	1436	91.3	1.5	14.7	9.6	-16.5	-188907	8.6	
19	169.263	1436.4	90.1	1.7	14.9	10.5	-16.1	-189026	8.3	
19	168.963	1436.7	91.5	2.3	15.2	8.6	-15.7	-189094	7.9	
19	168.663	1437	89.5	2.9	15.6	9	-15.5	-189128	7.6	
19	168.363	1437.3	91.2	2.5	16	7.2	-15.2	-189077	6.9	
19	168.063	1437.7	90.5	4.6	16.3	8.4	-14.8	-188890	6.4	
19	167.763	1437.8	91.2	3	16.6	6.3	-14.6	-188583	6.2	
19	167.463	1438.3	88.6	2.5	17.1	5.9	-14.6	-188194	6.1	
19	167.163	1438.4	91.5	4.1	17.2	6.9	-14.8	-187738	6.1	
19	166.863	1438.5	88.7	2.6	17.3	5.5	-15.3	-187285	6.1	
19	166.563	1438.1	91.3	3.9	17.5	6.5	-16	-186867	6.1	
19	166.263	1437.9	87.9	2.3	17.3	5.8	-16.5	-186534	6.7	
19	165.963	1437.5	90.9	5.6	17.2	8.3	-17.1	-186285	7.2	
19	165.663	1437	88.3	2.4	16.9	7.1	-17.6	-186103	7.8	
19	165.363	1436.4	90.7	4.3	16.8	8.3	-18	-186004	8.3	
19	165.063	1436	88.3	3.8	16.4	9.5	-18.1	-185971	9.1	
19	164.763	1436	90.2	3.4	16.4	10.1	-18.1	-185971	9.5	
19	164.463	1436.5	88.5	5.3	16.5	10	-17.6	-186004	9.7	
19	164.163	1436.6	90.4	4.8	16.3	10.7	-17.1	-186037	10	
19	163.863	1437.1	88.1	3.7	16.3	10.5	-16.5	-186053	10.2	
19	163.563	1437.5	88.5	1.7	16.3	8.9	-16	-186086	10.1	
19	163.263	1437.6	87.5	2.5	16.4	9.3	-15.9	-186120	9.6	
19	162.963	1437.4	90.2	3.5	16.3	9.7	-15.8	-186169	9.2	
19	162.663	1437.2	87.2	2.1	16.2	9	-15.8	-186269	9.4	
19	162.363	1437	87.6	1.2	15.9	7.4	-15.9	-186401	9	
19	162.063	1436.7	87.8	3	15.7	8.6	-16.2	-186584	8.6	
19	161.763	1436.7	88	1.1	16	7.4	-16.5	-186834	8.6	
19	161.463	1436.8	87.7	2.2	16.2	9.1	-16.7	-187117	8.7	
19	161.163	1436.8	88.4	1.6	16.2	8.2	-16.8	-187419	8.6	
19	160.863	1437.1	87.4	2	16.5	9.1	-16.6	-187704	8.6	
19	160.563	1437.4	88.8	1	16.9	8.3	-16.2	-187974	8.6	
19	160.263	1437.6	86.9	1.1	17	8.3	-15.9	-188177	8.7	
19	159.963	1437.9	88.2	-0.2	17.3	8.9	-15.6	-188346	8.6	
19	159.663	1438	87.2	0.2	17.8	8.1	-15.7	-188397	8.4	
19	159.363	1437.8	88	-1	17.9	8.4	-15.8	-188380	8.4	
19	159.063	1437.6	86.6	-0.5	17.7	8	-15.9	-188278	8.6	
19	158.763	1437.3	89.2	-1.1	17.6	9.2	-16	-188126	8.4	
19	158.463	1436.8	86.3	-2	17.1	8.4	-16.3	-187957	8.8	
19	158.163	1436.1	88	-2.8	16.8	8.2	-16.8	-187805	8.8	
19	157.863	1435.8	87.5	-1.2	16.6	10	-17.1	-187688	9.1	
19	157.563	1435.4	88.2	-3.3	16.1	9.1	-17.4	-187620	9.2	
19	157.263	1435.1	87.2	-2.2	16	9.3	-17.7	-187620	9.4	
19	156.963	1434.8	87.9	-3.4	15.8	9.5	-17.8	-187704	9.4	
19	156.663	1434.8	86.7	-3.4	15.7	9.6	-17.8	-187890	9.4	
19	156.363	1434.6	88.4	-3.1	15.6	9.1	-17.8	-188160	9.3	
19	156.063	1434.8	85.9	-3.6	15.9	8.9	-17.8	-188448	9.4	
19	155.763	1434.9	88.3	-2.9	16.2	9.4	-17.9	-188702	9.2	
19	155.463	1435.1	86.3	-4.2	16.6	8.4	-18.1	-188890	9.1	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
19	155.163	1435.5	88.4	-2.8	17.1	9	-18.1	-189009	8.9	
19	154.863	1435.7	87.4	-1.2	17.5	9.3	-18.3	-189026	8.9	
19	154.563	1435.9	87.7	-3.8	17.9	8.1	-18.4	-188958	8.9	
19	154.263	1436.2	86.5	-2.2	18	8.9	-18.4	-188719	9.1	
19	153.963	1436.3	88	-3.3	18.2	8.6	-18.4	-188346	9.1	
19	153.663	1436.7	86.5	-1.4	18.2	9.2	-18.2	-187839	9.1	
19	153.363	1437	88.3	-2.6	18.2	8.9	-17.9	-187285	9.1	
19	153.063	1437.4	86.4	-1.9	17.9	9.2	-17.4	-186750	9.2	
19	152.763	1437.6	88.5	-2.2	17.5	9.3	-16.8	-186235	9	
19	152.463	1437.8	86.8	-1.5	17.1	8.7	-16.4	-185789	8.8	
19	152.163	1438	89.1	-1.1	16.9	9.9	-16	-185427	8.6	
19	151.863	1438.4	86.7	-1.8	16.8	8.5	-15.6	-185198	8.6	
19	151.563	1438.4	88.7	-1.7	16.5	9	-15.4	-185083	8.5	
19	151.263	1438.5	86.8	-1.3	16.3	8.1	-15.3	-185067	8.2	
19	150.963	1438.5	88.7	0.2	16.2	8.5	-15.3	-185116	7.8	
19	150.663	1438.6	86.5	-1	16.2	7.8	-15.5	-185165	8	
19	150.363	1438.3	87.9	-2.3	16	7.5	-15.9	-185165	8	
19	150.063	1438.5	86.4	-0.8	16	7.8	-16.1	-185132	8.3	
19	149.763	1438.3	88	0.4	16.1	7.2	-16.5	-185050	8.1	
19	149.463	1438.3	87.2	-0.6	15.8	8.5	-16.6	-184985	8.1	
19	149.163	1438.3	88.3	0.3	15.9	7.2	-16.7	-184903	8	
19	148.863	1438.3	87.3	-0.4	15.9	7.8	-16.6	-184789	8	
19	148.563	1438.2	87.7	-0.7	15.8	7.9	-16.5	-184659	8.2	
19	148.263	1438.5	87	-0.4	15.9	7.7	-16.1	-184529	8.4	
19	147.963	1438.9	88.2	-0.6	16	8.1	-15.5	-184415	8.2	
19	147.663	1439.4	87.1	0.2	16.1	7.3	-15	-184285	8	
19	147.363	1439.5	88.7	0.5	16	7.4	-14.6	-184123	7.9	
19	147.063	1439.9	86.9	-0.3	16.2	6.7	-14.3	-183961	7.9	
19	146.763	1439.9	89.5	1.5	16.2	7.9	-14.2	-183767	7.9	
19	146.463	1439.6	88.2	1.6	16.2	8.2	-14.4	-183622	8.3	
19	146.163	1439.3	87.3	-1.9	16.5	6	-14.8	-183542	8.3	
19	145.863	1438.8	89	2.7	16.5	9.7	-15.6	-183590	8.4	
19	145.563	1438.4	88.8	0.8	16.7	8	-16.5	-183784	8.3	
19	145.263	1438.1	89.2	1.7	16.8	9.6	-17.3	-184139	8.5	
19	144.963	1437.8	90.5	2.3	17	9.3	-18	-184626	8.4	
19	144.663	1437.7	89.1	1.9	17.1	10.1	-18.5	-185247	8.6	
19	144.363	1437.5	90.8	2.9	17.3	10.1	-19	-185954	8.6	
19	144.063	1437.4	89.3	2.6	17.5	9.7	-19.3	-186667	8.6	
19	143.763	1437.1	91.4	3	17.6	11.8	-19.5	-187352	8.6	
19	143.463	1437.3	88.4	2.5	17.9	8.7	-19.3	-187940	8.6	
19	143.163	1437.6	89.9	1.6	18.3	9.8	-19.1	-188380	8.4	
19	142.863	1437.8	89.1	2.8	18.7	8.3	-18.9	-188634	8	
19	142.563	1438.1	90.5	2.1	18.9	8.6	-18.5	-188736	7.4	
19	142.263	1438.3	88.2	0.8	18.8	8.3	-18.1	-188702	7.5	
19	141.963	1438.5	89	1.3	18.6	7	-17.6	-188549	7.2	
19	141.663	1438.8	88.2	1.7	18.7	6.8	-17.2	-188295	6.9	
19	141.363	1438.7	89.2	1.2	18.3	6.3	-16.8	-188008	6.4	
19	141.063	1438.6	87.7	1.2	17.8	6.7	-16.5	-187688	6.2	
19	140.763	1438.4	88.2	-0.1	17.1	6	-16.3	-187385	6.1	
19	140.463	1437.9	88.3	1.9	16.4	7.1	-16.2	-187151	6.1	
19	140.163	1437.6	88.2	-0.3	15.7	6.1	-16.1	-187000	6.5	
19	139.863	1437.4	85.6	-1.2	15.6	5.3	-16.1	-186900	7.4	
19	139.563	1437.4	87.6	-1.5	15.7	6.6	-16.1	-186900	7.2	
19	139.263	1437.3	87.3	0.6	16	7.5	-16.3	-186917	7.5	
19	138.963	1437.3	87.3	-1.4	16.5	7.2	-16.6	-186967	8	
19	138.663	1437.4	86.1	-0.7	17	7.6	-16.8	-187017	9	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
19	138.363	1437.7	86.7	-2	17.6	8.4	-17.1	-187051	9.3	
19	138.063	1437.7	85.5	-1	18.1	8	-17.5	-187017	10.1	
19	137.763	1437.8	86.6	-1.3	18.7	8.8	-17.9	-186884	10	
19	137.463	1437.4	87.2	0.8	18.7	11.5	-18.4	-186634	10.2	
19	137.163	1437.1	87.4	-0.6	18.7	10.3	-18.7	-186269	10.3	
19	136.863	1436.4	86.4	-0.8	18.3	10.3	-19	-185806	10.5	
19	136.563	1436.2	87	-1.3	17.9	10.4	-18.7	-185280	10.4	
19	136.263	1435.8	87.3	0	17.2	11.1	-18.3	-184740	10.3	
19	135.963	1436.1	86.9	-0.8	16.5	10.4	-17.5	-184236	9.9	
19	135.663	1436.3	86.9	-0.1	15.9	11	-16.7	-183832	9.7	
19	135.363	1436.4	87.4	-0.8	14.9	10.1	-15.9	-183542	9.2	
19	135.063	1436.7	86.1	-1	14.6	8.1	-15.1	-183365	9.2	
19	134.763	1436.8	87.2	-1.5	14.1	9.2	-14.5	-183301	8.6	
19	134.463	1436.8	85.9	-1	14	8	-14.1	-183365	8.6	
19	134.163	1436.7	86.6	-2.9	13.8	8.5	-14.1	-183574	7.9	
19	133.863	1436.5	86.9	-1.3	13.9	7.9	-14.3	-183913	8	
19	133.563	1436.4	86.2	-1.1	14.1	8.5	-14.7	-184366	8	
19	133.263	1436.5	85.8	-3.2	14.7	7.1	-15.3	-184822	8.2	
19	132.963	1436.9	86.4	-2.4	15.7	7.6	-15.9	-185247	7.6	
19	132.663	1437.1	87.2	-2	15.9	9.8	-16.2	-185690	7.9	
19	132.363	1437.4	85.8	-4.7	16.5	6.6	-16.6	-186070	7.8	
19	132.063	1437.5	86.6	-2.5	16.8	9.7	-16.9	-186385	8.2	
19	131.763	1437.8	85	-5.8	17.4	6.6	-17.1	-186600	8.2	
19	131.463	1437.9	86.7	-2.6	17.5	9.4	-17.1	-186700	8.4	
19	131.163	1437.9	84.5	-6.9	17.5	6.8	-17.2	-186734	8.5	
19	130.863	1437.8	86.9	-1.5	17.3	8.9	-17.1	-186734	8.4	
19	130.563	1437.9	85.5	-4.4	16.9	8.2	-16.9	-186734	8.7	
19	130.263	1438.1	84.5	-4.6	16.9	5.8	-16.8	-186767	8.5	
19	129.963	1438.1	86.7	-3.8	16.6	10.6	-16.7	-186817	8.8	
19	129.663	1438.4	84.2	-4	16.7	6	-16.5	-186934	8.9	
19	129.363	1438.4	86.5	-2.5	16.8	9.8	-16.5	-187067	8.8	
19	129.063	1438.5	84.6	-3.6	16.9	6.9	-16.4	-187234	9.1	
19	128.763	1438.8	86.3	-2.9	17.2	9.3	-16.3	-187469	8.5	
19	128.463	1438.7	87	-0.7	17.4	8.7	-16.3	-187721	8.3	
19	128.163	1438.9	85.6	-2.6	17.6	8.3	-16.3	-187991	8.3	
19	127.863	1438.9	87.1	-1.2	17.7	9.8	-16.3	-188261	8.5	
19	127.563	1439.1	84	-4.2	18.1	5.5	-16.5	-188533	8.2	
19	127.263	1438.9	87.6	2	18.3	9.5	-16.8	-188839	7.7	
19	126.963	1438.5	85.9	-1.7	18.1	7.1	-17.1	-189163	7.6	
19	126.663	1438.1	86.8	-0.5	17.9	8.5	-17.4	-189522	7.7	
19	126.363	1437.9	86.5	-0.8	17.7	7.2	-17.7	-189831	7.9	
19	126.063	1437.5	86.3	0.2	17.4	7.2	-17.9	-190073	8.4	
19	125.763	1437.3	85.7	-1	17.2	7.3	-18.1	-190107	8.3	
19	125.463	1437	87.2	1.7	17.1	8.2	-18.3	-190004	8.4	
19	125.163	1436.8	86.8	0.2	16.8	8.3	-18.4	-189745	8.3	
19	124.863	1436.4	87.4	0.2	16.7	8.2	-18.4	-189334	8.7	
19	124.563	1436.5	86.3	-1.1	16.7	7.5	-18.1	-188753	8.5	
19	124.263	1436.7	87.4	1	16.8	8.7	-17.7	-188025	8.4	
19	123.963	1436.9	88	1	16.6	9.4	-17.2	-187201	8.3	
19	123.663	1437.2	87.9	0.6	16.5	9	-16.7	-186335	8.7	
19	123.363	1437.5	87.7	0.8	16.5	10.5	-16.5	-185542	8.6	
19	123.063	1437.5	87.8	0.9	16.5	8.6	-16.5	-184920	8.6	
19	122.763	1437.8	89.7	2.3	16.2	11.6	-16.2	-184415	8.4	
19	122.463	1437.3	88.3	2.2	15.8	8.8	-16.2	-184010	8.4	
19	122.163	1437.2	88.7	1.5	15.5	11.3	-16.2	-183767	8.6	
19	121.863	1437.1	87.5	1.6	15.3	9.8	-16.3	-183703	8.6	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
19	121.563	1437.1	87.4	0.8	15.5	7.8	-16.6	-183767	8.3	
19	121.263	1437.2	88.9	2	15.4	10.4	-16.6	-183929	8.4	
19	120.963	1437.7	85.9	-0.3	15.9	6.8	-16.5	-184155	8.4	
19	120.663	1438.1	88.4	2.6	16.1	10.2	-16.3	-184334	8.2	
19	120.363	1438.8	86.2	-0.2	16.5	5.9	-16	-184480	8.1	
19	120.063	1439	88.4	1.2	16.8	9.2	-15.8	-184594	8.2	
19	119.763	1439.4	85.7	-0.1	17	5.8	-15.4	-184675	8.5	
19	119.463	1439.6	85.2	-1.4	17.4	5.4	-15.3	-184675	8	
19	119.163	1439.5	87.8	2.8	17.4	7.5	-15.3	-184675	7.8	
19	118.863	1439.5	86	-0.7	17.3	5.9	-15.2	-184659	8	
19	118.563	1439.1	87.4	2.9	16.8	8.3	-15.3	-184643	8.3	
19	118.263	1439.1	85.1	-1.8	16.8	6.1	-15.5	-184675	8.7	
19	117.963	1438.9	87.1	1.6	16.4	7.9	-15.9	-184757	8.7	
19	117.663	1438.6	86.6	2.1	16.5	7.9	-16.3	-184871	9.2	
19	117.363	1438.3	88.1	1.4	16.1	10	-16.6	-185018	9.2	
19	117.063	1438	88	3.8	16.1	10.9	-16.8	-185230	9.4	
19	116.763	1437.6	88.8	2.3	16	10.1	-16.9	-185477	9.5	
19	116.463	1437.5	87.3	2.7	16.1	10.2	-16.9	-185707	9.8	
19	116.163	1437.5	88.8	2.5	16.4	10.9	-16.9	-185888	9.6	
19	115.863	1437.5	87	0	16.6	10.1	-17.3	-186020	9.6	
19	115.563	1437.9	89.6	4	16.8	12	-17.3	-186070	9.6	
19	115.263	1437.9	87.4	0.3	16.9	10	-17.4	-186086	9.9	
19	114.963	1438.1	88.9	4.9	17.1	10.8	-17.5	-186070	9.7	
19	114.663	1437.8	87.8	0.2	17.2	9.2	-17.9	-185971	9.9	
19	114.363	1437.5	88.5	2.6	17	10	-18.4	-185773	10	
19	114.063	1437.1	87.8	1	16.9	10	-19	-185542	10.1	
19	113.763	1437	87.7	1.2	16.9	9.5	-19.5	-185296	10.2	
19	113.463	1437.2	87.8	1.5	17	10.5	-19.5	-185034	10.4	
19	113.163	1437.9	87.3	1.6	17.2	9	-19.1	-184854	10.3	
19	112.863	1438.2	88.1	0.9	17.8	10.6	-19	-184805	10.3	
19	112.563	1438.7	87.5	0.7	18.2	9	-18.7	-184805	9.9	
19	112.263	1439.1	89	1.6	18.5	11.2	-18.1	-184920	9.5	
19	111.963	1440.2	88.2	1.9	19.3	10	-17.3	-185116	9.2	
19	111.663	1441	88.5	1.1	19.9	9.8	-16.7	-185362	8.8	
19	111.363	1441.7	88.1	0.1	20.1	9.1	-16.1	-185625	8	
19	111.063	1441.8	88.3	0.4	20	8.3	-15.8	-185839	7.6	
19	110.763	1441.6	87.5	-0.2	19.6	7.4	-16	-185954	6.7	
19	110.463	1441	88.1	0.3	18.8	7.8	-16	-185921	6.2	
19	110.163	1440.3	88	-1.7	17.8	7.5	-16.1	-185740	5.7	
19	109.863	1439.6	86.8	-1.5	16.9	4.7	-16.2	-185427	5.7	
19	109.563	1438.9	86.4	-2.3	15.8	3.8	-16.5	-184985	4.8	
19	109.263	1438.4	87.3	-0.2	14.8	4.1	-16.5	-184480	4.1	
19	108.963	1438.3	86.3	-1.1	14.2	2.2	-16.5	-183977	3.5	
19	108.663	1438.1	87.4	-1.5	13.9	1.6	-16.4	-183494	3	
19	108.363	1438.2	86.4	0.5	13.9	1.1	-16.1	-183093	2.4	
19	108.063	1438.2	85	-3.4	14.1	0.8	-15.8	-182805	3.1	
19	107.763	1438.5	84.8	-1.4	14.7	-1.2	-15.6	-182677	3.5	
19	107.463	1438.7	86.6	-1.8	15.5	2.3	-15.6	-182677	3.5	
19	107.163	1439	86.6	0.9	16.1	3.3	-15.5	-182789	4	
19	106.863	1439.3	86.1	0.9	17	0.4	-15.6	-182997	4.6	
19	106.563	1439.5	87.2	-0.6	17.6	3.2	-16	-183237	5.5	
19	106.263	1439.4	89.2	3.2	18.2	5.9	-16.6	-183478	6.1	
19	105.963	1439.3	87.9	0.5	18.5	6.4	-17.1	-183703	8.2	
19	105.663	1438.8	86.5	1.4	18.4	7.3	-17.8	-183929	9.1	
19	105.363	1438.4	91.1	4	17.9	12	-18.2	-184091	9.6	
19	105.063	1438	88.7	2.1	17.5	10.1	-18.5	-184172	10.4	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
19	104.763	1437.9	88.1	0	17.8	8.8	-19	-184204	10.3	
19	104.463	1437.5	93.4	5.4	17.6	15.2	-19.3	-184220	10.1	
19	104.163	1437.5	92.6	3.8	17.4	14.5	-19.1	-184269	10.4	
19	103.863	1437.5	91.5	4.2	17.2	11.8	-18.7	-184350	10.6	
19	103.563	1437.7	93.1	4.3	17.2	14.4	-18.3	-184447	10.8	
19	103.263	1438.2	91.6	4.6	17.2	15.2	-17.6	-184512	11.2	
19	102.963	1439	92.5	2.9	17.4	12.5	-16.8	-184529	11.3	
19	102.663	1439.2	91.5	4.1	17.3	12.3	-16.2	-184561	11.2	
19	102.363	1439.3	92.6	3.7	16.8	13.9	-15.5	-184561	11	
19	102.063	1439.1	90.6	2.8	16.2	9.7	-15	-184512	11.2	
19	101.763	1438.9	89.8	1.3	15.8	8.6	-14.8	-184366	10.9	
19	101.463	1438.6	91.5	3.7	15.6	10.4	-15	-184172	10.5	
19	101.163	1438.2	91.1	3.4	15.2	9.6	-15.3	-183945	10.8	
19	100.863	1438.3	88.8	1	15.4	7	-15.8	-183767	10.5	
19	100.563	1438.3	91.6	4.3	15.7	9.4	-16.5	-183671	10.4	
19	100.263	1438.2	92.1	4	15.9	10.5	-17.1	-183622	10.4	
19	99.963	1438.2	91.2	3.7	16.3	9.5	-17.7	-183622	10.7	
19	99.663	1438.3	90.9	1.9	16.9	9.7	-18.1	-183655	10.8	
19	99.363	1438.4	91.6	3.4	17.4	11.6	-18.4	-183751	10.9	
19	99.063	1438.6	91.6	3.1	17.8	11	-18.4	-183848	10.9	
19	98.763	1438.8	91.5	3.4	18.3	10.8	-18.2	-183961	10.5	
19	98.463	1439.2	92.9	4.6	18.6	12.8	-17.8	-184042	9.7	
19	98.163	1439.3	92.8	5.3	18.5	10.4	-17.3	-184058	9.3	
19	97.863	1439.7	92.5	4.4	18.5	9.3	-16.7	-184010	8.5	
19	97.563	1439.8	92.2	4.2	18.6	8.6	-16.3	-183897	8	
19	97.263	1440	93.4	6.6	18.4	10.3	-15.9	-183751	7.3	
19	96.963	1440	92.1	5.7	18.1	7.4	-15.5	-183574	7.1	
19	96.663	1439.8	91.5	4.2	17.8	7.7	-15.4	-183381	6.9	
19	96.363	1439.2	91.2	4.9	17.2	7	-15.4	-183237	7.2	
19	96.063	1438.6	90.8	3.4	16.6	6.4	-15.5	-183157	7.3	
19	95.763	1437.9	91.7	5.3	16.3	6.8	-15.9	-183125	7.4	
19	95.463	1437.5	91.4	6.4	16.1	6.8	-16.3	-183173	7.3	
19	95.163	1436.8	92	7.2	16	7.3	-16.9	-183285	7.5	
19	94.863	1436.7	89.8	3.2	16.3	6.1	-17.3	-183446	8.1	
19	94.563	1436.3	91.9	5.3	16.5	8.9	-17.8	-183719	8.8	
19	94.263	1436.3	89.8	3.7	16.8	8	-18.1	-184074	9.1	
19	93.963	1436.1	91.4	4.2	17.3	9.8	-18.5	-184415	9.1	
19	93.663	1435.9	90.4	1.2	17.9	9.1	-18.9	-184708	9.6	
19	93.363	1435.7	91.8	3.9	17.9	10.7	-19.1	-184969	9.4	
19	93.063	1435.7	91.2	4.7	18	9.8	-19	-185165	9.5	
19	92.763	1435.6	92.3	1.2	17.9	11	-18.8	-185280	9.2	
19	92.463	1435.4	90.2	1.5	17.5	10.4	-18.7	-185296	9.5	
19	92.163	1435.3	91.4	3.3	17.2	9.6	-18.4	-185165	9.3	
19	91.863	1435.3	90.4	-3	16.9	9.8	-18.2	-184920	9.3	
19	91.563	1435.5	90.3	-2.3	16.9	8.9	-17.9	-184610	8.8	
19	91.263	1435.3	91	-0.5	16.1	10.6	-17.5	-184317	8.8	
19	90.963	1435.9	89.3	-3.8	16.2	7.3	-16.9	-184074	8.7	
19	90.663	1435.9	90.3	-1.3	15.8	9.1	-16.6	-183880	8.6	
19	90.363	1436.2	89.1	-3.4	15.9	7	-16.3	-183784	8.8	
19	90.063	1436.5	88.8	-2.7	16.2	8	-16.1	-183784	8.4	
19	89.763	1436.8	90.2	-2.4	16.5	8	-16	-183945	8.2	
19	89.463	1437	89.9	-0.7	16.7	8.9	-15.9	-184204	8.1	
19	89.163	1437	89	-0.8	16.7	7.8	-15.9	-184561	8.7	
19	88.863	1437.5	88	-3.5	17.3	6.6	-15.8	-184952	8.6	
19	88.563	1437.6	89.7	-1.4	17.4	8.7	-15.9	-185312	8.4	
19	88.263	1437.7	88.3	-0.5	17.7	7.4	-16	-185608	8.4	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
19	87.963	1437.6	89.5	-2.1	17.7	8.7	-16.1	-185822	8.4	
19	87.663	1437.4	88.2	-3.9	17.5	8.3	-16.3	-185905	8.4	
19	87.363	1437.2	89.4	-1.8	17.3	8.5	-16.5	-185872	8.4	
19	87.063	1437.1	87.9	-3	17.3	6.7	-16.6	-185723	8.7	
19	86.763	1436.9	89.5	-2.1	17.3	8.4	-16.8	-185460	8.6	
19	86.463	1436.6	89.1	-2.5	16.7	10	-16.9	-185116	8.8	
19	86.163	1436.4	89.5	-2	16.5	8	-17.1	-184724	8.8	
19	85.863	1436.2	88.2	-4.7	16.1	8.8	-17.3	-184350	8.9	
19	85.563	1435.9	89.4	-3.4	15.9	8.5	-17.5	-184042	9.4	
19	85.263	1435.9	87.8	-4.7	15.7	9.4	-17.5	-183816	9.6	
19	84.963	1435.9	88.5	-3.7	15.8	7.9	-17.5	-183703	9.5	
19	84.663	1435.9	89.9	-3.5	15.8	10.5	-17.3	-183671	9.3	
19	84.363	1435.8	90.4	-1.7	16	9.7	-17.1	-183784	9.5	
19	84.063	1436.2	87.8	-3.7	16.5	8.5	-17	-183977	9.5	
19	83.763	1436.5	90.9	-0.3	16.9	9.7	-16.9	-184269	9.4	
19	83.463	1437	88.3	-2.5	17.2	8.4	-16.7	-184626	9.2	
19	83.163	1437.5	91.2	-0.5	17.7	9.6	-16.4	-185050	9	
19	82.863	1438	87.8	-3.6	17.9	7.8	-16.1	-185460	8.8	
19	82.563	1438	90.8	-1.2	18	9.2	-16.1	-185872	8.4	
19	82.263	1437.7	89.5	-0.3	17.7	7.7	-16.3	-186269	7.9	
19	81.963	1437	90.9	-1	17.4	7.4	-16.5	-186617	7.8	
19	81.663	1436.8	88.4	-1.4	17.1	7.1	-16.7	-186900	7.4	
19	81.363	1436.7	91.8	0.4	16.8	7.9	-16.8	-187117	6.6	
19	81.063	1436.7	90	-0.4	16.4	7.6	-16.8	-187234	6.3	
19	80.763	1436.5	91.8	0	16.1	7.3	-17	-187234	6.2	
19	80.463	1436.4	89.9	-1.3	15.9	7.4	-17.1	-187168	6.1	
19	80.163	1436.3	91.6	-0.7	15.8	7.6	-17.1	-187017	6.3	
19	79.863	1436.6	89.4	-0.8	15.8	6.8	-16.7	-186800	6.4	
19	79.563	1436.3	92.1	0.7	15.7	8.4	-16.5	-186551	6.8	
19	79.263	1436.6	89.6	-0.8	15.8	8.6	-16.2	-186285	7.3	
19	78.963	1436.9	90.1	-0.2	15.9	6.9	-16	-186070	7.6	
19	78.663	1437.2	89.1	-1.9	16.2	6.8	-16	-185872	8	
19	78.363	1437.2	90.2	0.9	16.1	7.8	-16	-185740	8.2	
19	78.063	1437.2	89.4	-0.9	16	8.3	-16	-185657	8.5	
19	77.763	1437.3	89.8	0.7	16.3	7.7	-16.2	-185625	8.6	
19	77.463	1437.3	88.6	-0.2	16.4	8.1	-16.5	-185674	8.8	
19	77.163	1437.2	90.1	-0.1	16.7	7.7	-16.8	-185806	9	
19	76.863	1437.2	88.3	-1.6	16.7	7.6	-17.1	-185971	9.1	
19	76.563	1437.3	89.7	0.7	17.2	7.8	-17.5	-186169	8.8	
19	76.263	1437.4	90.5	2.5	17.5	10.3	-17.8	-186368	8.6	
19	75.963	1437.8	89.3	-0.4	18	8	-17.8	-186551	8.9	
19	75.663	1438	89.2	0.9	18.2	8.8	-17.8	-186750	8.8	
19	75.363	1438.1	89.7	0.2	18.3	8.4	-17.7	-186934	8.6	
19	75.063	1438.2	89.1	0.9	18.3	8.6	-17.6	-187084	8.3	
19	74.763	1438.3	90.8	1.4	18.5	8.6	-17.5	-187201	7.6	
19	74.463	1438.6	89.9	2	18.3	9	-17.1	-187234	7.4	
19	74.163	1438.3	91.4	1.9	17.9	8.6	-16.9	-187201	7	
19	73.863	1438.2	88.5	-0.6	17.6	6.7	-16.7	-187117	7.3	
19	73.563	1437.9	90.1	0.6	17.2	9	-16.7	-187017	7.8	
19	73.263	1437.9	88.9	0.7	17	7.5	-16.5	-186867	7.7	
19	72.963	1437.6	90	0.6	16.7	9.4	-16.5	-186667	8.2	
19	72.663	1437.7	88.9	1.1	16.5	8.3	-16.3	-186434	8.4	
19	72.363	1437.4	89.6	1.1	16.1	8.7	-16.3	-186202	8.8	
19	72.063	1437.5	88.3	-1.6	15.8	8.2	-16.3	-186004	9.1	
19	71.763	1437.2	89.8	-0.6	15.8	8.2	-16.5	-185888	9.4	
19	71.463	1437.1	87.7	-0.1	15.6	8.5	-16.6	-185839	9.9	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
19	71.163	1436.9	88.5	-2.4	15.5	8.4	-16.8	-185855	9.9	
19	70.863	1436.8	89.1	0.8	15.2	9.9	-16.9	-185921	10.1	
19	70.563	1436.8	88	-3.2	15.2	8.4	-17	-186086	10.1	
19	70.263	1436.9	89	1.2	15.3	9.3	-17.2	-186302	10.1	
19	69.963	1436.9	88.5	-2.3	15.5	9.4	-17.4	-186567	10.1	
19	69.663	1437.3	88.4	-1.1	15.9	8.9	-17.5	-186800	9.7	
19	69.363	1437.4	90.6	-0.3	16.2	10.3	-17.5	-186984	9.4	
19	69.063	1438	89.6	1.2	16.7	9.8	-17.2	-187067	9.2	
19	68.763	1438.5	90	-1.8	17.2	9.9	-17	-187067	8.9	
19	68.463	1439.1	89.7	-0.3	17.7	9.1	-16.7	-186984	8.7	
19	68.163	1439.6	89.5	-2.3	18.1	8.7	-16.5	-186800	8.2	
19	67.863	1439.8	90.7	0.8	18.1	10.1	-16.3	-186501	8	
19	67.563	1440.1	88.8	-2.8	18.3	7	-16	-186169	7.6	
19	67.263	1440.3	90.2	0.8	17.9	9.4	-15.7	-185839	7.2	
19	66.963	1440.2	89.7	-2.4	17.8	6.1	-15.6	-185526	7	
19	66.663	1439.9	90.3	0.7	17.2	8.8	-15.6	-185263	6.8	
19	66.363	1439.6	89.5	-0.6	16.7	6.6	-15.7	-185099	7.3	
19	66.063	1439.5	89.5	0.4	16.5	7.8	-16	-185018	7.1	
19	65.763	1439.2	90	-0.2	15.9	8.9	-16.1	-185083	7.8	
19	65.463	1439.2	88.1	-1.3	16	5.8	-16.4	-185280	8	
19	65.163	1438.8	90.3	0.5	15.6	10.5	-16.6	-185559	8.6	
19	64.863	1438.9	87.6	-1	15.8	7.2	-16.8	-185888	9	
19	64.563	1438.5	90.5	0.4	15.9	10.8	-17.1	-186252	9.5	
19	64.263	1438.6	86.9	-1.4	16.5	7.3	-17.3	-186567	9.8	
19	63.963	1438.7	90.5	0.8	17	10.7	-17.5	-186834	9.9	
19	63.663	1438.9	88	-2.5	17.4	9.2	-17.5	-187034	10.4	
19	63.363	1439.3	88.3	-1	18.1	8.3	-17.6	-187168	10.1	
19	63.063	1439.3	89.9	0.7	18.1	11.9	-17.6	-187201	10.1	
19	62.763	1439.5	88	-1.7	18.4	8.3	-17.5	-187168	10.1	
19	62.463	1439.4	88.7	-0.4	18.1	10.1	-17.5	-187034	10	
19	62.163	1439.1	88.7	-2.1	18	9.1	-17.5	-186867	10	
19	61.863	1439	88.6	-1.3	17.5	10.8	-17.2	-186650	9.3	
19	61.563	1438.7	90	-1.4	17.2	9	-17	-186468	8.9	
19	61.263	1438.6	88.8	0.3	16.8	9.5	-16.7	-186285	8.5	
19	60.963	1438.4	90.2	0.1	16.1	10.1	-16.4	-186153	8.4	
19	60.663	1438.4	88.1	-0.8	16	7.2	-16	-186053	8.1	
19	60.363	1438.3	89.3	-0.7	15.7	9.7	-15.8	-186037	7.8	
19	60.063	1438.6	89.5	0.6	15.8	7.8	-15.5	-186086	7.6	
19	59.763	1438.7	88.6	-1	15.8	9.1	-15.3	-186202	8	
19	59.463	1438.7	87.2	-1.1	15.7	6.3	-15.4	-186385	7.9	
19	59.163	1438.4	89.4	-0.4	15.8	7.2	-15.7	-186617	7.7	
19	58.863	1438.2	87.6	-0.1	15.8	6.8	-16	-186834	8	
19	58.563	1438.1	88.7	0.2	16.3	6.7	-16.5	-187034	7.9	
19	58.263	1437.5	88.1	-1	16	8.2	-17.1	-187201	8.5	
19	57.963	1437.4	86.8	-1.2	16.4	5.2	-17.8	-187318	8.4	
19	57.663	1437.1	89.9	0.9	16.2	9.5	-18.2	-187402	8.7	
19	57.363	1437.3	86.4	-2.1	16.7	5.5	-18.5	-187402	9	
19	57.063	1437.7	89.1	0.7	17.2	10.1	-18.7	-187301	8.8	
19	56.763	1437.9	89.9	-0.7	17.8	8.5	-18.7	-187168	9	
19	56.463	1438.1	88.7	-0.9	18.1	9.6	-18.5	-187017	8.9	
19	56.163	1438.1	89.6	-0.4	18.2	9.1	-18.3	-186850	9.2	
19	55.863	1438.8	88.8	-0.9	18.6	9.6	-17.4	-186700	8.9	
19	55.563	1439.2	90.8	1.3	18.4	10.9	-16.6	-186534	8.8	
19	55.263	1439.6	88.8	-1.9	18.3	8.2	-16	-186385	8.5	
19	54.963	1439.6	91.3	2.5	17.8	10.8	-15.6	-186235	8.4	
19	54.663	1439.6	88.4	-1.8	17.1	7.1	-15.3	-186120	8	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
19	54.363	1439.2	91.4	1.7	16.4	8.4	-15.2	-186037	7.8	
19	54.063	1438.8	88.4	-1.9	15.7	7.7	-15.3	-185987	7.9	
19	53.763	1438.3	90.8	1.3	15.3	8.1	-15.5	-185987	7.6	
19	53.463	1437.8	88.1	-1.4	14.8	6.7	-15.9	-186020	7.8	
19	53.163	1437.4	90.5	0.5	14.6	7.4	-16.3	-186136	7.9	
19	52.863	1437.4	88.2	0.1	14.7	7.5	-16.7	-186318	8.4	
19	52.563	1437.5	91.5	1.2	15.2	8.7	-17.1	-186551	8.2	
19	52.263	1437.9	89.5	1.9	15.7	9.2	-17.3	-186850	8.2	
19	51.963	1438.2	91.7	1.2	16.4	8.4	-17.6	-187201	8.4	
19	51.663	1438.7	88.6	1.7	17	7.5	-17.6	-187553	8.6	
19	51.363	1438.9	91.1	0.6	17.5	8.1	-17.7	-187873	8.3	
19	51.063	1439	89.6	1.6	17.7	8.5	-17.6	-188109	8.1	
19	50.763	1439.1	91.3	3	17.8	7.5	-17.5	-188261	7.8	
19	50.463	1439.2	89.4	-0.5	17.6	8	-17.1	-188261	7.7	
19	50.163	1439.1	90.8	2.8	17.3	6.7	-16.9	-188109	7.6	
19	49.863	1439.4	88.7	0	17.2	6.7	-16.7	-187805	7.2	
19	49.563	1439.6	92.1	3.4	17	6.5	-16.4	-187385	6.6	
19	49.263	1439.7	90.9	2.3	16.4	8	-16.1	-186884	6.4	
19	48.963	1439.8	91.7	1.7	16.3	6.5	-15.9	-186368	6.2	
19	48.663	1440	90.2	1.4	16.2	7	-15.8	-185872	6.2	
19	48.363	1440.1	92.7	2.5	16.2	7.4	-15.7	-185460	6.2	
19	48.063	1440	90	1.9	16.1	7.1	-15.8	-185181	6.6	
19	47.763	1440	91.9	2.6	16.3	8.3	-15.8	-185067	7.3	
19	47.463	1440	88.9	-0.6	16.3	7.7	-16	-185099	7.7	
19	47.163	1439.9	92.7	4.1	16.7	8.8	-16.3	-185280	7.8	
19	46.863	1440	90.1	2.9	16.9	8.9	-16.4	-185608	8.3	
19	46.563	1440	91.8	2.4	17.1	8.7	-16.5	-186037	8.4	
19	46.263	1440.2	89.2	1.6	17.5	8.4	-16.7	-186517	8.5	
19	45.963	1440.2	91.8	3.1	17.7	8.2	-16.9	-187034	8.4	
19	45.663	1440.2	89.5	1.4	17.8	8.6	-17.1	-187452	8.6	
19	45.363	1440	91.1	4.3	17.6	8.7	-17.3	-187772	8.6	
19	45.063	1439.9	89.1	-0.8	17.4	8.4	-17.5	-187974	8.6	
19	44.763	1439.5	91.3	4.9	16.8	8.3	-17.5	-188058	8.6	
19	44.463	1439.4	88	-1.1	16.6	7.4	-17.6	-188025	8.6	
19	44.163	1439	91.3	1.4	16.1	8.5	-17.6	-187873	8.5	
19	43.863	1438.9	88.3	-0.4	15.8	7.8	-17.5	-187654	8.4	
19	43.563	1438.8	91.2	1.6	15.6	8.1	-17.3	-187385	8.2	
19	43.263	1439.1	88.9	0.1	15.7	7.6	-16.9	-187134	8.2	
19	42.963	1439.5	90.1	-0.7	15.9	7.5	-16.5	-186884	7.8	
19	42.663	1440	89.7	0.9	16.2	7.6	-16.1	-186650	7.4	
19	42.363	1440.4	90.5	-0.8	16.5	6.9	-15.7	-186484	7.2	
19	42.063	1440.7	88.2	-0.2	16.5	6.8	-15.4	-186351	7.4	
19	41.763	1441	90.7	-0.7	16.6	6.9	-15.1	-186318	7	
19	41.463	1441	88.7	0.3	16.6	6.1	-15.1	-186368	7.1	
19	41.163	1440.8	90.9	0.1	16.6	5.9	-15.3	-186468	6.8	
19	40.863	1440.5	89.5	1.4	16.2	6.5	-15.5	-186584	7.3	
19	40.563	1440.2	89.7	-0.8	16.2	5.8	-16	-186717	7.4	
19	40.263	1439.9	89.9	1.7	16.3	6.8	-16.7	-186850	7.8	
19	39.963	1439.7	90.4	-1.1	16.4	6.7	-17.3	-186984	8.1	
19	39.663	1439.8	89.6	0.1	16.8	8.5	-17.8	-187101	8.8	
19	39.363	1440	90.2	-1.5	17.4	6.9	-18.4	-187151	9	
19	39.063	1440.2	91.1	2.5	18	10	-18.8	-187134	9.1	
19	38.763	1440.3	92.4	1.3	18.4	9.1	-19	-187034	9.1	
19	38.463	1440.4	91.8	2.2	18.5	10.8	-19	-186900	9.5	
19	38.163	1440.5	92.6	1.3	18.6	10.3	-18.8	-186717	9.4	
19	37.863	1440.6	92.1	2.7	18.6	10.5	-18.5	-186551	9.1	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
19	37.563	1440.8	93.2	2.4	18.5	9.8	-18	-186385	8.8	
19	37.263	1441	91.6	2.9	18.1	9.5	-17.4	-186219	8.4	
19	36.963	1441.1	93.8	1.7	17.6	9.9	-16.7	-186120	7.7	
19	36.663	1441.1	91.7	0.8	16.9	7.9	-16.1	-186037	7.3	
19	36.363	1441.1	94	2.3	16.6	7.3	-15.6	-186004	6.5	
19	36.063	1441.2	91.4	1.2	16.2	6.3	-15.2	-186037	6.2	
19	35.763	1441.2	93.7	1	15.9	6.4	-14.9	-186103	6	
19	35.463	1441.2	91.5	1.5	15.5	6.4	-14.7	-186202	5.9	
19	35.163	1441	93.9	2	15.4	5.9	-14.8	-186302	5.8	
19	34.863	1440.7	91.4	2.5	15.1	6.5	-15.1	-186418	5.9	
19	34.563	1440.5	93	0.3	15.3	5	-15.5	-186484	5.7	
19	34.263	1440.3	91.1	1	15.6	6.2	-16.1	-186551	5.9	
19	33.963	1440	94	2.2	15.6	6.7	-16.6	-186617	6	
19	33.663	1439.9	90.9	1.7	15.9	6.2	-17.1	-186650	6	
19	33.363	1439.9	93.9	2.1	16.3	7.4	-17.4	-186634	6.1	
19	33.063	1440.1	90	0.5	16.9	5.6	-17.8	-186584	6.1	
19	32.763	1440	94.3	3.2	17.2	7.7	-18.1	-186484	6.2	
19	32.463	1440.3	90.1	1	17.8	6.4	-18.1	-186368	6.5	
19	32.163	1440.3	93.7	2.4	18.1	8.7	-18.1	-186219	7.1	
19	31.863	1440.6	89.9	1.9	18.3	7.9	-17.8	-186037	7.7	
19	31.563	1440.9	92.6	1.3	18.2	8.5	-17.3	-185806	7.9	
19	31.263	1441	89.9	1.6	18.1	7.6	-17.1	-185608	8	
19	30.963	1440.9	91.5	0.3	17.9	7.2	-16.9	-185460	8.2	
19	30.663	1440.9	89.5	0.6	17.6	7.7	-16.7	-185312	8.7	
19	30.363	1440.7	91.8	1.7	17.1	8	-16.3	-185214	8.7	
19	30.063	1440.5	89	-0.7	16.5	8.2	-16.1	-185181	8.9	
19	29.763	1440.1	91.2	0.7	16.2	7.9	-16	-185198	9.1	
19	29.463	1440	88.4	0.2	16.1	7.4	-16.1	-185263	9.7	
19	29.163	1440.1	90	-0.7	16.3	8	-16.2	-185411	9.7	
19	28.863	1440	89.7	1	16.5	9	-16.5	-185625	9.7	
19	28.563	1440	91	0.1	16.6	9	-16.6	-185872	9.5	
19	28.263	1440	90.9	1.4	16.7	10.8	-16.8	-186153	9.7	
19	27.963	1439.9	90.7	1	16.6	9.3	-16.8	-186434	10	
19	27.663	1439.9	89.4	-0.5	16.7	10.1	-16.8	-186734	10.1	
19	27.363	1439.6	91.1	0.7	16.8	9.4	-17	-187017	9.9	
19	27.063	1439.5	91.6	2	16.5	11.6	-16.9	-187285	9.7	
19	26.763	1439.1	90.7	0.5	16.1	9	-16.9	-187503	9.8	
19	26.463	1439.1	90.9	-0.2	15.9	10.2	-16.7	-187671	9.1	
19	26.163	1439.2	91.4	-1	15.7	8.4	-16.5	-187789	8.6	
19	25.863	1439.3	90.2	-1.6	15.9	6.9	-16.5	-187856	8.4	
19	25.563	1439.5	90.9	-1.7	16.1	7.8	-16.5	-187839	8.4	
19	25.263	1439.5	89.9	-2.2	16.4	7.7	-16.7	-187789	8.2	
19	24.963	1439.6	92	-1.2	16.6	8.3	-16.8	-187721	7.9	
19	24.663	1439.7	91.1	-0.5	16.9	6.5	-17.1	-187688	7.6	
19	24.363	1439.7	93.1	-0.7	17.3	8.8	-17.2	-187688	7.6	
19	24.063	1439.8	90	-1.7	17.5	6.2	-17.2	-187772	7.8	
19	23.763	1440	92.2	-1.8	17.6	8.3	-17.3	-187890	7.2	
19	23.463	1439.8	92.4	1	17.6	7.5	-17.4	-188075	7	
19	23.163	1439.8	92.3	-1.4	17.4	7.1	-17.2	-188278	6.8	
19	22.863	1439.7	91.5	0	17.1	7.2	-17.1	-188533	6.9	
19	22.563	1440.1	92.1	-1.8	17.3	5.7	-16.8	-188839	6.3	
19	22.263	1440.2	92.7	1.3	17.3	7	-16.6	-189111	6.1	
19	21.963	1440.1	93.1	0.1	17	6.4	-16.5	-189368	6.1	
19	21.663	1439.9	92.3	1.2	16.7	7.7	-16.5	-189522	6.1	
19	21.363	1440.1	90.7	-3.3	16.7	4	-16.3	-189574	5.9	
19	21.063	1440	93.6	2.7	16.5	7.5	-16.2	-189608	5.8	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
19	20.763	1439.8	93.2	-0.7	16.7	6.4	-16.4	-189608	6	
19	20.463	1439.8	92.4	2.4	16.9	7.3	-16.6	-189574	6.1	
19	20.163	1439.7	93.3	-1	16.8	6.9	-16.9	-189436	6.1	
19	19.863	1439.4	92.5	2.4	16.7	7.2	-17.2	-189248	6.7	
19	19.563	1439.6	92.6	-1.1	17	7.8	-17.4	-188975	7.6	
19	19.263	1439.6	91.4	1.5	17	7.7	-17.5	-188685	8.4	
19	18.963	1439.5	93	0.4	16.8	9.7	-17.5	-188312	8.5	
19	18.663	1439.5	91.5	1.6	17	7.7	-17.5	-187923	8.9	
19	18.363	1439.3	93.2	1.7	16.8	9.3	-17.3	-187452	8.6	
19	18.063	1439.3	90.9	1.4	16.8	8.2	-17.1	-186984	8.9	
19	17.763	1439.4	92.9	1.1	16.6	8.6	-16.7	-186551	8.3	
19	17.463	1439.5	91.3	2.3	16.4	7.6	-16.3	-186235	8.1	
19	17.163	1440	91.8	0.6	16.3	7.7	-15.8	-186086	7.6	
19	16.863	1440.3	92	3.6	16.2	7.8	-15.4	-186070	7.2	
19	16.563	1440.2	93	3	15.7	7.2	-15.1	-186285	6.4	
19	16.263	1440	91.7	2	15.3	6.3	-14.9	-186634	6.2	
19	15.963	1439.7	91.8	0.8	14.9	5.8	-14.8	-187117	5.9	
19	15.663	1439.4	90.9	0	14.8	5.4	-15	-187721	5.9	
19	15.363	1439.4	91.8	1.1	14.8	5.8	-15	-188380	5.6	
19	15.063	1439.4	91.2	1.8	14.7	6.1	-15.2	-189043	5.8	
19	14.763	1439.5	90.7	-0.4	14.8	5.2	-15.3	-189625	5.9	
19	14.463	1439.5	91.4	-0.2	14.8	6.2	-15.5	-190124	6	
19	14.163	1439.7	91.5	0.8	15.1	6.4	-15.6	-190470	6.1	
19	13.863	1439.7	91.6	0.7	15.6	6.6	-15.9	-190661	6.2	
19	13.563	1439.8	90.6	-0.8	16	6	-16	-190713	6.8	
19	13.263	1439.8	91.9	1.7	16.6	8.8	-16.2	-190644	7.4	
19	12.963	1439.8	90.4	-0.5	16.8	8.6	-16.3	-190436	9	
19	12.663	1440.2	90.6	0.7	17.5	9.7	-16.3	-190159	9.1	
19	12.363	1440.1	91	-1	17.5	10.2	-16.5	-189831	9.2	
19	12.063	1440.1	90.3	-0.8	17.5	10.4	-16.6	-189488	10	
19	11.763	1440.1	89.4	-3.7	17.6	8.6	-16.9	-189180	10	
19	11.463	1440	90.8	0.8	17.5	10.7	-17	-188958	9.9	
19	11.163	1439.8	91	-1.2	17.2	10.2	-16.9	-188804	9.7	
19	10.863	1439.5	90.1	-2.3	17	9	-16.9	-188753	9.6	
19	10.563	1439.1	89.7	-2.6	16.7	9.9	-16.9	-188856	9.2	
19	10.263	1438.7	88.8	-2.7	16.2	7.9	-17.1	-189077	9.1	
19	9.963	1438.8	89.4	-2.7	16.2	7.8	-17.2	-189419	8.5	
19	9.663	1438.9	88.4	-4.3	16.5	7.4	-17.6	-189883	8.2	
19	9.363	1439.2	90	-3.1	16.8	8.8	-17.8	-190366	7.1	
19	9.063	1439.2	88.3	-4	17.1	5.7	-18.4	-190904	6.9	
19	8.763	1439.3	90.4	-0.3	17.7	7.7	-18.8	-191410	6.2	
19	8.463	1439	89.4	-4.2	17.9	7.5	-19.4	-191902	6.2	
19	8.163	1438.9	87.7	-5.5	18.2	5.9	-19.6	-192325	6.4	
19	7.863	1439	89.4	-3	18.5	8.6	-19.4	-192679	6.2	
19	7.563	1439.6	89.2	-4.1	18.5	8.3	-18.7	-192963	6.1	
19	7.263	1439.9	88.1	-4.4	18.2	7.1	-17.9	-193158	6.2	
19	6.963	1440.3	87.2	-5.4	17.8	6.7	-17	-193283	6.8	
19	6.663	1441	88.1	-3.3	17.3	8	-15.6	-193337	6.4	
19	6.363	1441.1	86.9	-6.1	16.4	5.9	-14.6	-193337	6.6	
19	6.063	1441.4	86.2	-5.3	15.9	5.8	-13.6	-193265	7	
19	5.763	1441.4	86.7	-6.5	15.3	7.3	-12.9	-193212	7.1	
19	5.463	1441.1	85.2	-5.7	14.6	5.8	-12.6	-193158	7.8	
19	5.163	1440.9	84.6	-8.3	14.3	6.6	-12.8	-193105	8.1	
19	4.863	1440.3	86	-5.3	14.1	7.8	-13.4	-193087	8.5	
19	4.563	1439.8	84.6	-7.2	14.2	7.7	-14.2	-193069	8.9	
19	4.263	1439.4	84.7	-7.3	14.4	8.4	-15.2	-193105	9.6	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
19	3.963	1439.3	84.8	-8.2	15	9.4	-16.1	-193141	9.5	
19	3.663	1439.2	85.4	-6.3	15.4	11.7	-17	-193283	9.9	
19	3.363	1439.2	85.3	-6.5	16.1	10.4	-17.8	-193480	9.9	
19	3.063	1439.2	85.1	-5.8	16.7	12.6	-18.4	-193748	10.5	
19	2.763	1439.1	83	-8.8	17	10.5	-18.7	-194107	10.7	
19	2.463	1439.3	85.2	-6	17.5	12.4	-18.7	-194522	9.9	
19	2.163	1439.4	84.4	-6.3	17.7	11.5	-18.6	-195029	9.6	
19	1.863	1439.5	83.8	-7.6	18	11.6	-18.3	-195612	9.4	
19	1.563	1439.7	82.9	-8.6	17.7	10.5	-17.8	-196291	9.6	
19	1.263	1440.1	81.1	-10.5	17.7	8.7	-17.2	-196993	9.3	
19	0.963	1440.4	83	-7.6	17.4	10.9	-16.5	-197699	8.9	
19	0.663	1440.7	80.8	-11.1	16.9	8.1	-15.8	-198430	9.1	
19	0.363	1440.8	81.7	-8.7	16.5	10.5	-15.3	-199147	8.3	
19	0.063	1440.8	79.5	-11.1	15.9	6.8	-14.9	-199888	9.1	
18	999.763	1440.7	80.4	-10.6	15.4	8.7	-14.5	-200635	8.7	
18	999.463	1440.2	78.5	-11.8	14.8	7.7	-14.6	-201465	9.5	
18	999.163	1440.3	79.2	-10.2	14.5	8.7	-14.4	-202322	9.6	
18	998.863	1440	77.9	-12.9	14.1	9.3	-14.6	-203324	10.1	
18	998.563	1439.9	76.7	-14.3	14	7.3	-14.7	-204416	10.5	
18	998.263	1440	78.5	-11.6	14	10	-14.9	-205660	10.3	
18	997.963	1440.1	76.1	-13.6	14.3	8.1	-15.1	-206982	11.1	
18	997.663	1440.3	78.5	-10.3	14.6	11.5	-15.1	-208341	10.6	
18	997.363	1440.3	76.5	-12.9	14.9	9.1	-15.2	-209592	11	
18	997.063	1440.6	76.8	-11.6	15.4	10.7	-15.1	-210752	10.5	
18	996.763	1440.7	77.3	-12.7	15.5	9.7	-15.1	-211775	10	
18	996.463	1440.9	76.4	-11.9	16.1	10.2	-15.1	-212528	9.9	
18	996.163	1440.8	76.7	-13.7	16.2	10.3	-15.3	-213025	9.5	
18	995.863	1441.1	76.9	-12.5	16.3	9.8	-15.1	-213220	9.1	
18	995.563	1440.9	76.4	-11.3	16.1	10.8	-15.3	-213220	8.8	
18	995.263	1440.8	75.7	-13.7	15.8	8.5	-15.3	-213090	9	
18	994.963	1440.5	76.4	-12.8	15.4	10.4	-15.3	-212960	8.5	
18	994.663	1440.3	74.6	-13.5	15.2	8.5	-15.4	-212895	8.9	
18	994.363	1440.2	76	-11.2	14.8	10.3	-15.3	-212960	8.3	
18	994.063	1439.8	74.2	-13.9	14.5	9.1	-15.4	-213242	8.7	
18	993.763	1439.9	75.1	-11.8	14.4	9.8	-15.1	-213764	8.3	
18	993.463	1439.9	74	-12.2	13.9	8.6	-14.9	-214575	8.6	
18	993.163	1440.1	72.8	-13.9	14.2	8	-14.7	-215635	8.9	
18	992.863	1440.3	73.9	-11.3	14.1	10.6	-14.3	-216954	8.7	
18	992.563	1440.4	72.5	-12.1	14.2	8	-14	-218470	8.8	
18	992.263	1440.5	73.2	-12.8	14.1	10.7	-13.7	-220124	8.9	
18	991.963	1440.6	70.7	-13.9	14	7.6	-13.4	-221873	9.6	
18	991.663	1440.5	71.3	-13.4	13.9	9.3	-13.2	-223650	9.4	
18	991.363	1440.3	70.4	-14.4	13.7	8	-13.2	-225359	9.7	
18	991.063	1440.6	71	-14.4	14.1	9.4	-13.1	-226898	9.4	
18	990.763	1440.3	71	-14.3	13.6	10.5	-13	-228233	9.8	
18	990.463	1440.3	68.4	-16.7	13.6	7.6	-13.1	-229358	9.9	
18	990.163	1440	70.2	-12.8	13.2	10.2	-13.2	-230241	9.9	
18	989.863	1439.9	68.2	-17	13.2	8.8	-13.3	-230901	10.3	
18	989.563	1439.9	69.4	-15	12.9	10.3	-13.3	-231360	9.9	
18	989.263	1439.7	68.6	-15.2	12.9	10.3	-13.4	-231770	10.2	
18	988.963	1439.6	69.1	-13.8	12.8	11.6	-13.3	-232078	9.9	
18	988.663	1439.4	68	-13.1	12.6	10.1	-13.3	-232465	10.2	
18	988.363	1439.3	67.9	-15.1	12.8	10.7	-13.2	-232956	10	
18	988.063	1439.2	67.5	-13.3	12.6	10.7	-13.1	-233580	10.2	
18	987.763	1439.5	67.4	-14.3	13	10.2	-12.8	-234364	9.8	
18	987.463	1439.6	66.3	-13.2	13	11	-12.7	-235312	9.8	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
18	987.163	1439.9	67.3	-13.1	13.2	10.4	-12.4	-236455	9.7	
18	986.863	1439.9	65.7	-12.8	13.2	10.9	-12.2	-237690	10.4	
18	986.563	1440	64.4	-14.8	13.2	8.9	-12.1	-239101	10.3	
18	986.263	1439.7	65.2	-12.7	13.3	9.7	-12.3	-240640	9.7	
18	985.963	1439.1	63.4	-13.3	13	9.1	-12.7	-242311	10.5	
18	985.663	1439	65.6	-12.9	13.3	11.4	-12.9	-243948	10.4	
18	985.363	1438.6	63.9	-12.2	13	11.4	-13.2	-245694	10.8	
18	985.063	1438.6	62	-16.5	13.2	8.9	-13.4	-247436	10.9	
18	984.763	1438.3	63.8	-12.7	13.1	11.2	-13.7	-249203	10.9	
18	984.463	1438.1	61.9	-14.9	13.2	10.6	-13.9	-250935	11.4	
18	984.163	1438.2	62.5	-14.8	13.4	12.1	-13.9	-252661	11.2	
18	983.863	1438	62.5	-13.9	13.3	12.5	-13.7	-254411	11.2	
18	983.563	1438.3	61.7	-15	13.8	12.6	-13.3	-256091	10.9	
18	983.263	1438	61.7	-15.2	13.3	12.2	-13	-257730	11.2	
18	982.963	1438.2	59.2	-17.2	13.3	9.1	-12.5	-259262	10.6	
18	982.663	1438	61.7	-14	12.7	13.1	-12	-260682	10.2	
18	982.363	1437.9	59.7	-16.7	12.3	10	-11.5	-262052	9.9	
18	982.063	1437.6	59.8	-14.8	11.6	10.9	-11.1	-263371	9.6	
18	981.763	1437.3	58.7	-17.3	10.8	9.7	-10.8	-264636	10.1	
18	981.463	1437.1	57.2	-17	10.6	8.7	-10.7	-265744	10.1	
18	981.163	1436.6	56.6	-18.5	9.9	9.5	-10.9	-266862	10.7	
18	980.863	1436.4	55.8	-18.2	9.9	8.6	-11.1	-267954	11	
18	980.563	1436.2	57.4	-15.4	9.6	12.5	-11.3	-269022	10.9	
18	980.263	1436	55.5	-18.4	9.8	8.5	-11.8	-270097	11	
18	979.963	1436	55.5	-17	10.3	10.1	-12.3	-271147	11.2	
18	979.663	1436.1	55.2	-18	10.8	11.1	-12.7	-272240	11.7	
18	979.363	1436.4	55.7	-15	11.5	11.4	-13	-273341	11.3	
18	979.063	1436.5	54.7	-16.6	11.7	11.6	-13.2	-274524	11.1	
18	978.763	1436.8	54	-16.4	12.1	11.1	-13.1	-275717	11	
18	978.463	1437.2	54.8	-16.2	12.4	12.6	-12.8	-276957	10.7	
18	978.163	1437.5	52.5	-18.5	12.5	10.2	-12.5	-278245	11	
18	977.863	1437.9	54.4	-14	12.6	11.6	-12.1	-279545	10.1	
18	977.563	1438.1	53.5	-16.7	12.3	11	-11.5	-280820	9.9	
18	977.263	1438.5	51.7	-16.5	12.2	9.6	-10.9	-282182	9.7	
18	976.963	1438.4	52.4	-17	11.8	10.2	-10.5	-283596	10.2	
18	976.663	1438.8	51.3	-17.3	11.7	10.4	-9.9	-285102	10.2	
18	976.363	1438.9	51.2	-17.9	11.2	10.7	-9.5	-286781	10.3	
18	976.063	1438.8	50	-18	10.9	9.8	-9.3	-288599	10.8	
18	975.763	1438.8	49.2	-18.7	10.8	10.7	-9.3	-290683	11.2	
18	975.463	1438.9	50.3	-17.2	10.7	10.8	-9.2	-292878	11.1	
18	975.163	1438.6	49.4	-18	10.4	11.2	-9.3	-295191	11.3	
18	974.863	1438.3	48.5	-17.8	9.8	11.4	-9.3	-297540	11.9	
18	974.563	1437.9	49.1	-18.2	9.7	12	-9.6	-299969	11.8	
18	974.263	1437.6	47.5	-18.2	9.2	12.6	-9.6	-302483	12.6	
18	973.963	1437.5	47.5	-16.9	9.3	11.6	-9.7	-305039	12.2	
18	973.663	1437.2	47.1	-18.1	9.1	12.4	-9.7	-307638	12.1	
18	973.363	1437.2	46.9	-16.5	9.1	11.6	-9.7	-310144	11.8	
18	973.063	1437	46.8	-18.8	9.2	11	-9.9	-312738	11.3	
18	972.763	1437	45.5	-18.4	9.5	10.8	-9.9	-315424	11.5	
18	972.463	1437.1	46.4	-15.6	9.8	12.2	-9.8	-318156	11.1	
18	972.163	1437.1	45.4	-18.4	9.8	10.6	-9.7	-320788	11	
18	971.863	1437.2	43.7	-18.2	9.9	9.7	-9.6	-323414	11.2	
18	971.563	1436.8	45	-17.5	10	10.9	-9.9	-326134	11	
18	971.263	1436.8	43.7	-18.8	10.1	10.4	-9.9	-328900	11	
18	970.963	1436.7	45.1	-16.6	9.9	11.5	-9.9	-331714	10.6	
18	970.663	1436.4	44	-17.7	9.7	10.4	-9.9	-334470	10.7	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
18	970.363	1436.1	43	-16.2	9.6	10.8	-10	-337054	11.2	
18	970.063	1435.9	42	-19.7	9.5	10.4	-10.2	-339623	11.9	
18	969.763	1436.1	42.5	-17.2	9.7	10.9	-10.2	-342232	11.5	
18	969.463	1436.1	42.9	-16.9	9.6	12.4	-10.2	-344825	11.2	
18	969.163	1436	42.7	-16	9.6	10.6	-10.1	-347457	11	
18	968.863	1436.1	41.5	-15.7	9.5	10.7	-10	-350130	11.3	
18	968.563	1436.2	41.5	-15.1	9.6	10.9	-9.9	-352725	11.4	
18	968.263	1436.3	41.9	-13.9	9.5	12	-9.7	-355178	11.2	
18	967.963	1436.1	41.3	-16.1	9.4	11.6	-9.6	-357666	11.3	
18	967.663	1436.2	40.5	-15	9.4	12	-9.4	-360126	11.2	
18	967.363	1436.1	40.8	-14.7	8.9	12.2	-9.1	-362558	11.3	
18	967.063	1436.2	39.7	-15.5	8.7	10.7	-8.7	-364896	11.2	
18	966.763	1436.2	41.2	-14.5	8.6	11.8	-8.3	-367264	10.5	
18	966.463	1436.5	40.5	-14.2	8.4	11.7	-7.8	-369533	10.2	
18	966.163	1436.4	38.9	-15.1	8	10.6	-7.7	-371830	10.7	
18	965.863	1436.6	38.3	-16.5	8	10.9	-7.5	-374289	11.1	
18	965.563	1436.6	39	-13.5	8	11	-7.5	-376849	11.2	
18	965.263	1436.5	37.5	-16.9	7.8	11.3	-7.6	-379444	11.9	
18	964.963	1436.5	37.3	-16.2	8.1	11.4	-7.8	-382145	12.1	
18	964.663	1436.3	37.5	-14.2	8.1	13.1	-8	-384955	12.3	
18	964.363	1435.9	37.1	-15.3	7.9	10.8	-8.1	-388095	12.7	
18	964.063	1435.7	36.6	-14.7	7.8	12.5	-8.1	-391359	13	
18	963.763	1436.1	36.5	-14.7	8.2	14.3	-7.9	-394753	13.1	
18	963.463	1436	35.1	-14.9	8.1	14.4	-7.8	-398434	13.6	
18	963.163	1436.2	37.1	-12.1	7.9	14.4	-7.4	-402184	12.3	
18	962.863	1436.3	35.7	-14.6	7.6	12.8	-6.8	-406163	11.9	
18	962.563	1436.3	35.1	-14.3	7.3	11.6	-6.3	-410382	10.7	
18	962.263	1436.2	33.7	-14.8	7.2	9.4	-6.1	-414690	10.3	
18	961.963	1436.1	36.8	-12.3	7.1	12.3	-5.8	-419089	9.2	
18	961.663	1435.5	33.8	-13.7	6.2	9.5	-5.4	-423326	9.6	
18	961.363	1435.2	31.8	-15.7	5.6	9.1	-5.3	-427823	9.7	
18	961.063	1434.8	30.4	-16.7	5.4	7.5	-5.5	-432150	9.8	
18	960.763	1434.8	30.9	-16	5.6	7	-5.9	-436292	9.4	
18	960.463	1434.5	32.2	-14.6	5.6	8.7	-6.5	-440422	9.2	
18	960.163	1434.1	31.2	-14.3	5.8	8.6	-7.1	-444536	9.3	
18	959.863	1433.9	31.7	-14.7	5.9	10.1	-7.6	-448632	9.5	
18	959.563	1433.8	30.3	-15.1	6.3	7.4	-8.1	-452804	10.2	
18	959.263	1433.6	31.1	-12.6	6.7	11.4	-8.4	-457254	10.9	
18	958.963	1433.7	28.2	-16.8	7.2	9	-8.6	-461690	11.3	
18	958.663	1433.9	30.4	-13.3	7.9	12.7	-8.7	-466629	11	
18	958.363	1434	29.5	-15.6	7.9	11.8	-8.7	-471994	11	
18	958.063	1434.4	29.7	-14.3	8.3	11.1	-8.4	-477592	11	
18	957.763	1434.5	28.7	-14.3	8.3	11.9	-8.1	-483548	11.5	
18	957.463	1435.1	28.5	-13.5	8.6	10.7	-7.6	-489769	10.9	
18	957.163	1435.1	29.5	-13	8.2	12.6	-7.2	-496152	10.7	
18	956.863	1435.2	27.5	-15.4	8	9.5	-6.8	-502342	10.4	
18	956.563	1435	29.3	-13.4	7.5	12.4	-6.4	-507948	9.8	
18	956.263	1434.6	27	-14.5	6.7	9.3	-6	-512674	9.7	
18	955.963	1434.7	26.6	-14.9	6.4	9.1	-5.6	-517106	9.2	
18	955.663	1434.5	27	-14.9	5.8	10	-5.5	-521225	9.1	
18	955.363	1434.5	25.5	-15.8	5.7	8.2	-5.4	-525016	9.1	
18	955.063	1434.4	25.8	-14.7	5.2	9.6	-5.4	-528594	9.5	
18	954.763	1434.5	24.9	-15.9	5.1	8.7	-5.3	-532493	9.7	
18	954.463	1434.4	25.7	-14	4.9	10.9	-5.2	-537137	9.6	
18	954.163	1434.1	25.2	-16	4.6	10.1	-5.1	-542144	9.8	
18	953.863	1433.9	24.4	-16.1	4.7	10.4	-5.1	-547962	9.9	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
18	953.563	1433.9	23.9	-15	4.4	12.1	-4.8	-554492	10.7	
18	953.263	1433.9	22.5	-15.8	4.8	10	-4.8	-561631	10.7	
18	952.963	1433.9	24.1	-14.9	4.7	12.6	-4.8	-568957	10.5	
18	952.663	1434.1	22.8	-14.7	4.9	11	-4.6	-576317	10.6	
18	952.363	1434.2	22.2	-15.1	5	11	-4.5	-583708	10.8	
18	952.063	1434.2	21.3	-16.2	5.1	10.3	-4.4	-591290	11.2	
18	951.763	1434.2	20.4	-16.7	5.5	9.4	-4.6	-598730	10.6	
18	951.463	1433.9	20.7	-15.9	5.3	10.6	-4.7	-605308	10.5	
18	951.163	1433.8	18.4	-18.1	5.5	11	-5	-611138	10.5	
18	950.863	1433.4	19.5	-15.6	5.5	12	-5.3	-616537	10.6	
18	950.563	1433.5	18.5	-18.6	5.5	9.6	-5.4	-622401	9.9	
18	950.263	1433.2	19.1	-16.6	5.2	8.3	-5.6	-628567	8.8	
18	949.963	1432.9	19	-16.1	5.3	8.4	-5.9	-635628	8.1	
18	949.663	1432.6	18.8	-14.9	4.9	9	-5.9	-643046	7.4	
18	949.363	1432.5	18	-18.8	4.7	7.2	-5.7	-651044	6.6	
18	949.063	1432.6	16.9	-16.9	4.9	5.6	-5.7	-659244	5.1	
18	948.763	1432.6	11.9	-19.9	4.5	0.6	-5.2	-668292	5	
18	948.463	1432.5	13.8	-16.6	4.1	3.5	-4.8	-678030	5.9	
18	948.163	1432.9	13.5	-17.4	4.2	3.4	-4.5	-688509	5.5	
18	947.863	1433.1	16.5	-15.7	4.3	6.9	-4.2	-699318	5.5	
18	947.563	1432.8	15.2	-16	4	5.8	-3.9	-710712	6.5	
18	947.263	1433	13.2	-18.5	4.1	5.6	-3.6	-721985	7	
18	946.963	1432.9	14.5	-15.8	3.9	8.2	-3.5	-733622	8.3	
18	946.663	1433	12.1	-19	4.1	7.7	-3.7	-746171	8.9	
18	946.363	1432.9	14.2	-14	4.2	12.6	-4	-758332	9.9	
18	946.063	1432.9	12.9	-17.5	4.2	12.1	-4.2	-770613	11.2	
18	945.763	1432.8	12.7	-16.8	3.9	12.8	-4.3	-783005	12.4	
18	945.463	1432.8	11.2	-18.5	4.1	10.7	-4.6	-795802	12.9	
18	945.163	1432.5	12.8	-15.9	4.3	12.6	-4.9	-809024	13	
18	944.863	1432.4	10.5	-18	4.3	12.6	-4.9	-823664	13.6	
18	944.563	1432.6	11.2	-18.3	4.3	12.6	-4.6	-838508	13.8	
18	944.263	1432.6	9.8	-17.7	4.2	12	-4.5	-853897	13.1	
18	943.963	1432.7	11.2	-18.1	3.9	12	-4	-870222	12.3	
18	943.663	1433.3	10.2	-16.8	4.1	11	-3.4	-888313	11.3	
18	943.363	1433.5	11.1	-15.5	4	10.7	-3	-906387	10.1	
18	943.063	1433.5	10.3	-16.7	3.6	10.1	-2.6	-924803	9.4	
18	942.763	1433.4	11.3	-14.2	3.2	8.9	-2.1	-943983	8.1	
18	942.463	1433	9.8	-16	2.5	8.8	-1.7	-962203	8	
18	942.163	1433	10.3	-14.6	2.3	8	-1.5	-978847	6.8	
18	941.863	1432.7	9.7	-16	1.9	8.5	-1.4	-994185	7	
18	941.563	1432.7	8.9	-16.3	2.2	6	-1.6	-1009524	6.7	
18	941.263	1432.4	8.1	-16.3	2	7.8	-2		7.8	
18	940.963	1432.2	8.4	-15.5	2.2	7.4	-2.5		7.9	
18	940.663	1432.2	8	-14.5	2.2	8.8	-2.7		8.9	
18	940.363	1432.1	8.2	-15.9	2.7	7.9	-3.2		8.9	
18	940.063	1431.9	7.6	-15.2	2.8	10.3	-3.4		10	
18	939.763	1431.8	7.1	-15.1	3.1	9.7	-3.8		10.5	
18	939.463	1431.7	6.7	-14.6	3.4	10	-4.1		10.9	
18	939.163	1431.5	8	-12.4	3.5	12.3	-4.4		10.9	
18	938.863	1431.5	6	-14.7	3.4	11.8	-4.3		11.9	
18	938.563	1431.6	6.8	-11.6	3.5	12.1	-4.2		11.9	
18	938.263	1431.8	6	-13.5	3.3	11.6	-4		11.6	
18	937.963	1431.9	7.2	-11.3	3.2	12.9	-3.7		11.2	
18	937.663	1432.1	4.9	-14.2	3	11	-3.3		11.2	
18	937.363	1432	5.6	-13.4	2.4	12.2	-3		11	
18	937.063	1432.1	5.5	-13.3	2.4	11.7	-2.6		9.8	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
18	936.763	1432.1	4.4	-13.6	2	10.1	-2		9.9	
18	936.463	1432.3	4.1	-12.8	2.3	10.2	-1.9		9.2	
18	936.163	1432.5	4.8	-7.1	2.4	10.2	-1.6		8.7	
18	935.863	1432.8	4.1	-9.7	2.6	9.7	-1.3		8.4	
18	935.563	1432.8	2.8	-10.7	2.4	9	-1.2		9	
18	935.263	1433	2.6	-13.9	2.1	9.8	-1.1		8.6	
18	934.963	1433.3	1.8	-13.4	2.2	8.8	-0.8		8.8	
18	934.663	1433	0.5	-12.7	1.9	7.8	-0.8		9.2	
18	934.363	1432.7	0.4	-14.1	1.5	8.7	-0.7		9.3	
18	934.063	1432.4	0.3	-11.8	0.8	8.4	-0.5		9.6	
18	933.763	1431.8	-0.1	-14.3			-0.2		9.7	
18	933.463	1431.2	-0.4	-13.3			-0.1		9.8	
18	933.163	1431.3	-1.6	-14.3			-0.2		10	
18	932.863	1431.9	-2	-13.2			-0.2		9.7	
18	932.563	1431.9	-2	-14.8			-0.4		9.4	
18	932.263	1431.7	-1.6	-12.1			-0.8		9.1	
18	931.963	1431.8	-2.4	-13.6			-1.1		9	
18	931.663	1431.8	-1.1	-10.9			-1.4		8.4	

Perfil	STE Metro CDMX
Lugar Inicial	29km 320.0m
PK Final	28km 896.1m
Sentido De Avance	Decremento
Referencias Trabajo	VIA 2
ID Ruta/Liena	Mixcoac Ins
ID Vía	Vía Principal
Hora Inicial	11:37:16 04-dic.-21
Hora Final	11:51:46 04-dic.-21
Versión Software	TOP01S020r0010(74)
Unid. Desplazamiento	Milímetros
Unidad Longitud	Milímetros
Unidad de ángulo	Grados
ID Perfil	L12
Signo del Peralte	Sentido horario
Intervalo adquisición	300.0mm (300.0mm)
Nivel. I superpuesto 1	12600.0mm
Nivel. I superpuesto 2	19000.0mm
Base Radio Derecho	20.0m (20.1m)
Base Radio Curv.Prom D	20.0m
Base Áng.Curv. Prom. D	20.0m
Áng.Curv.Cuerda Der	20.0m
Nivel. D superpuesto 1	20.0m
Nivel. D superpuesto 2	20.0m
Temp. Sistema Inicial	21.0°C
Temp. Sistema final	21.3°C
Ancho Referencia	1435.0mm
Ancho Refcia. Peralte	1500.0mm
Long. Cuerda Delantera	2500.0mm (2400.0mm)
Long. cuerda trasera	2500.0mm (2400.0mm)
Temperatura Nivelación	19.1°C

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
29	319.7	1433	-2.2				-1.5		5.8	
29	319.4	1432.5	-2.1				-1.6		6	
29	319.1	1432.4	-2.2				-1.6		6.2	
29	318.8	1432.7	-1.5				-1.3		5.9	
29	318.5	1432.8	-1.2				-1.1		5.6	
29	318.2	1433.2	-0.9				-0.7		5.1	
29	317.9	1433.6	-0.6				-0.3		4.5	
29	317.6	1433.6	-0.3				0.1		3.4	
29	317.3	1433.6	-1.2		-0.4	3.8	0.4		2.3	
29	317	1433.3	-2.2		-0.4	2.1	0.5		1.5	
29	316.7	1433.4	-2.2		-0.4	1.2	0.7		0.5	
29	316.4	1433.6	-2.5		-0.6	-0.2	0.9		-0.3	
29	316.1	1433.8	-2.5		-0.5	-1.5	1		-1.3	
29	315.8	1433.8	-2.7		-0.8	-2.4	1		-2.1	
29	315.5	1433.9	-2.8		-1	-3.5	1		-3	
29	315.2	1434	-3.3		-0.8	-5.1	1		-3.6	
29	314.9	1434.1	-3.2		-0.8	-5.5	1		-4.7	
29	314.6	1433.8	-3.5		-0.8	-5.9	0.9		-5.1	
29	314.3	1433.7	-3.5		-0.8	-6	0.7		-5.4	
29	314	1433.8	-3.7		-0.8	-6.7	0.6		-5.8	
29	313.7	1433.8	-3.4		-0.9	-6.8	0.5		-6.2	
29	313.4	1433.9	-3.8		-0.6	-7.5	0.4		-6.2	
29	313.1	1434.1	-3.9		-0.2	-7.8	0.3		-6.2	
29	312.8	1434.1	-3.4		0.1	-7.2	0.2		-6.4	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
29	312.5	1434.1	-3.6		0.3	-7.8	0.1		-6.3	
29	312.2	1434.1	-3.3		0.7	-7.2	-0.1		-6	
29	311.9	1434.3	-3.7		1.1	-7.3	-0.1		-5.6	
29	311.6	1434.4	-3.1		1.1	-6.7	-0.1		-5.5	
29	311.3	1434.5	-3		1.2	-6.8	-0.2		-5.4	
29	311	1434.4	-2.2		1.1	-5.7	-0.3		-5.4	
29	310.7	1434.1	-1.9		0.6	-4.9	-0.2		-5	
29	310.4	1433.6	-1.8		0.1	-4.6	-0.2		-4.7	
29	310.1	1433.2	-0.9		-0.3	-3.7	-0.2		-4.7	
29	309.8	1433.2	-0.7		-0.6	-3.4	0.1		-4.7	
29	309.5	1433	-0.4		-1.1	-3	0.3		-4.7	
29	309.2	1433	-0.1		-1.1	-2.8	0.4		-4.7	
29	308.9	1433.2	0.1		-1.1	-2.6	0.6	18206522	-4.8	
29	308.6	1433.3	0		-1.2	-3.3	0.7	14243197	-4.8	
29	308.3	1433.2	-0.2		-1.1	-3.7	0.7	12033046	-4.6	
29	308	1433.2	-0.5		-0.8	-3.5	0.7	10904948	-4.3	
29	307.7	1433.3	-0.1		-0.5	-3.2	0.6	10314040	-4.3	
29	307.4	1433.4	-0.7		-0.3	-3.7	0.4	10163835	-4.1	
29	307.1	1433.3	-0.4	1.8	-0.1	-3.4	0.3	10213415	-3.8	
29	306.8	1433.1	-0.8	1.3	0.1	-3.6	0.1	10416667	-3.5	
29	306.5	1432.9	-1.2	1	0.1	-3.6	-0.2	10848446	-3.3	
29	306.2	1433.1	-0.8	0.7	0.5	-3.2	-0.2	11504121	-3.5	
29	305.9	1433.1	-0.3	0.9	0.5	-2.6	-0.2	12316177	-3.5	
29	305.6	1433.1	-0.8	0.1	0.6	-2.9	-0.2	13335987	-3.5	
29	305.3	1433.2	-1.5	-0.9	0.6	-3.4	-0.1	14744718	-3.3	
29	305	1433.3	-1.4	-1.1	0.5	-3	0	16357422	-3.4	
29	304.7	1433.2	-1.1	0.1	0.4	-3.3	0.1	18528761	-3.7	
29	304.4	1432.9	-1.2	1	0.2	-3.4	0.2		-3.9	
29	304.1	1432.7	-1.9	0.3	0.1	-3.7	0.2		-3.9	
29	303.8	1432.4	-2.2	0.3	-0.4	-4.1	0.1		-4.1	
29	303.5	1432.3	-2.2	0.3	-0.5	-4.6	0		-4.3	
29	303.2	1432.1	-2.2	0.5	-0.7	-4.5	-0.3		-4.4	
29	302.9	1432	-2.7	0.1	-0.8	-4.4	-0.6		-4.4	
29	302.6	1432.1	-2.8	0.5	-0.7	-4.2	-0.9		-4.4	
29	302.3	1432.1	-2.5	0.7	-0.7	-4.1	-1.2		-4.4	
29	302	1431.9	-2.6	0.9	-0.7	-4.5	-1.4		-4.3	
29	301.7	1431.9	-3	0.5	-0.6	-4.1	-1.4	19034091	-4	
29	301.4	1432.2	-3.6	0.1	-0.3	-4.3	-1.2	18366228	-3.8	
29	301.1	1432.6	-3.5	-0.1	0.1	-4.1	-0.9	18206522	-3.8	
29	300.8	1433.1	-3.4	0.4	0.3	-4.4	-0.3	18528761	-3.7	
29	300.5	1433.6	-3.9	0	0.6	-4.7	0.3	19567757	-3.6	
29	300.2	1434.1	-4.5	-1.1	0.8	-5.2	0.8		-3.4	
29	299.9	1434.7	-4.5	-0.9	1.1	-5.5	1.4		-3.2	
29	299.6	1435.1	-3.7	-0.4	1.2	-4.4	1.9		-3.1	
29	299.3	1435.1	-4	-0.3	1.1	-4.8	2.1		-3	
29	299	1435	-4	-0.9	0.9	-4.5	2.1		-2.9	
29	298.7	1434.6	-4.1	-1.1	0.4	-4.4	1.9		-2.5	
29	298.4	1434.1	-3.2	-1	-0.3	-3.1	1.6	19034091	-2.4	
29	298.1	1433.3	-2.9	-1	-1.1	-2.9	1.1	18049569	-2.4	
29	297.8	1432.9	-2.7	-0.9	-1.6	-1.9	0.8	17447917	-2.2	
29	297.5	1432.3	-1.9	-1	-2	-1.1	0.4	17303719	-1.9	
29	297.2	1432.1	-2.1	-1.4	-2.3	-0.7	0.3	17303719	-1.7	
29	296.9	1431.9	-1.4	-1	-2.2	-0.5	0.1	17743644	-2.1	
29	296.6	1431.8	-1.2	-1.1	-2.1	-0.7	-0.1	18206522	-2.5	
29	296.3	1432	-0.8	-0.9	-1.8	-0.5	-0.2	18206522	-3	
29	296	1432.4	-1.5	-1.5	-1.3	-2	-0.2	18049569	-3.3	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
29	295.7	1433	-0.8	-0.6	-0.2	-1.9	-0.3	17303719	-4.3	
29	295.4	1433.2	-1.5	-1	0.2	-3.1	-0.5	16105769	-4.9	
29	295.1	1433.1	-0.8	-0.7	0.1	-3.6	-0.4	14849291	-5.7	
29	294.8	1433	-2.4	-1.7	0.1	-5.1	-0.5	13508065	-6	
29	294.5	1432.9	-2	-1.6	0.2	-5.7	-0.6	12316177	-6.6	
29	294.2	1433	-1.9	-1.1	0.2	-5.6	-0.5	11317568	-6.7	
29	293.9	1433.4	-2.5	-1.3	0.2	-6.6	-0.2	10521357	-6.8	
29	293.6	1433.6	-2.4	-1.6	0	-5.9	0.1	9876179	-6.8	
29	293.3	1433.7	-3.5	-3.2	-0.4	-7.5	0.4	9347098	-6.6	
29	293	1434.2	-3.8	-3	-0.1	-7.2	0.8	9264381	-6.3	
29	292.7	1434.5	-4	-2.5	0.2	-7.8	0.9	9389014	-5.9	
29	292.4	1434.7	-4.6	-3.2	0.4	-6.7	1	9517046	-4.9	
29	292.1	1434.7	-4.4	-3.3	0.5	-6.5	0.8	9517046	-4.4	
29	291.8	1434.7	-4.8	-3.6	0.6	-6.6	0.5	9473982	-3.8	
29	291.5	1434.8	-4.6	-2.7	0.7	-5.6	0.3	9347098	-3.3	
29	291.2	1434.6	-5.2	-3	0.7	-5.6	-0.1	9223568	-2.5	
29	290.9	1434.3	-4.4	-2.2	0.7	-4.5	-0.5	9143013	-2.2	
29	290.6	1433.9	-4.3	-2.1	0.5	-3.8	-0.8	9024785	-1.8	
29	290.3	1433.7	-3.5	-0.8	0.4	-2.8	-0.8	8871822	-1.6	
29	290	1433.7	-3.1	-0.3	0.5	-2.4	-0.7	8834388	-1.8	
29	289.7	1434	-2.5	0	0.4	-2.2	-0.2	8986052	-2.3	
29	289.4	1434.2	-2.1	0.5	0.1	-2.2	0.4	9473982	-2.7	
29	289.1	1434.2	-2	1	-0.4	-2.8	0.9	10114734	-3	
29	288.8	1434.4	-1.8	1.8	-0.6	-2.7	1.1	11019737	-3.4	
29	288.5	1434.5	-0.7	2.8	-0.6	-2.8	1.3	12033046	-3.8	
29	288.2	1434.1	-0.8	2.6	-1	-2.9	1.3	13251582	-4	
29	287.9	1433.7	-0.7	3.2	-1.1	-3.2	1.1	14539931	-4.1	
29	287.6	1433.2	-0.4	4.1	-1.2	-3.3	0.7	15982825	-4.4	
29	287.3	1432.9	-0.8	3.7	-1.4	-4	0.4	17303719	-4.3	
29	287	1432.6	-0.3	3.4	-1.4	-3.2	0	18862613	-4.1	
29	286.7	1432.6	0.2	4.2	-1.2	-2.5	-0.2		-4	
29	286.4	1433.1	0.3	4.3	-0.8	-2.8	-0.2		-4.4	
29	286.1	1433.4	1	5.1	-0.4	-2.9	-0.1		-4.5	
29	285.8	1433.6	0.6	3.8	-0.1	-2.3	0.3		-4.4	
29	285.5	1433.7	0.4	3.3	0.3	-3.7	0.7		-4.6	
29	285.2	1433.8	0.1	2.8	0.5	-4.7	1		-5	
29	284.9	1433.9	0.3	2.2	0.4	-4	1.4		-5.1	
29	284.6	1433.8	-0.3	1.8	0.2	-4.7	1.6		-5.2	
29	284.3	1433.7	-0.5	0.9	0	-4.9	1.7		-5.1	
29	284	1433.7	-0.9	0.3	-0.2	-5.4	1.6		-5.4	
29	283.7	1433.4	-0.5	0.3	-0.6	-5.2	1.4		-5.1	
29	283.4	1432.7	-2.2	-0.7	-1.2	-6.6	1.2		-5	
29	283.1	1431.8	-0.3	0.5	-1	-4.1	-0.1		-4.9	
29	282.8	1431.3	-0.1	1.4	-1	-3.4	-0.9	-1.8E+07	-4.7	
29	282.5	1431.2	-0.7	0.1	-0.8	-3.4	-1.2	-1.7E+07	-4.1	
29	282.2	1431.4	-1.3	1.1	-0.6	-3.4	-1.2	-1.6E+07	-3.7	
29	281.9	1431.4	-1.6	0.4	-0.3	-3.1	-1.3	-1.6E+07	-3.5	
29	281.6	1431.6	-2	-0.1	-0.4	-3	-1.1	-1.7E+07	-3.1	
29	281.3	1431.9	-1.8	0.7	-0.1	-2.9	-0.9	-1.8E+07	-3	
29	281	1431.9	-1.9	0.5	-0.2	-1.7	-0.7	-1.9E+07	-2.5	
29	280.7	1432.1	-2.5	1	-0.1	-3	0		-2.4	
29	280.4	1432.5	-2.8	1	-0.1	-4.1	0.7		-2.5	
29	280.1	1432.6	-3	1	-0.3	-4.4	0.9		-2.6	
29	279.8	1432.6	-2.8	1.8	-0.5	-3.8	1		-2.7	
29	279.5	1432.2	-3.4	1	-0.6	-4	0.7		-2.5	
29	279.2	1432.4	-3.4	1.4	-0.6	-3.8	0.7	-1.8E+07	-2.7	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
29	278.9	1432.5	-3.3	1.3	-0.4	-4.4	0.4	-1.5E+07	-3	
29	278.6	1432.8	-3.2	2	0.1	-4.7	0.3	-1.3E+07	-3.1	
29	278.3	1432.6	-3.5	0.9	0.2	-5	0	-1.1E+07	-3.1	
29	278	1432.5	-2.2	2.1	0.5	-3.5	-0.3	-9693287	-3.4	
29	277.7	1432.7	-1.7	1.8	0.9	-2.9	-0.5	-8909575	-3.4	
29	277.4	1432.9	-2.1	1	1.2	-4	-0.6	-8442541	-3.7	
29	277.1	1432.9	-2.3	0.2	1.5	-3.9	-0.7	-8115310	-4	
29	276.8	1432.9	-2.6	-0.5	1.6	-4.3	-0.9	-7841760	-4.3	
29	276.5	1433.2	-2	0	1.7	-4.6	-1.2	-7477679	-4.6	
29	276.2	1432.9	-1.3	0.5	1.6	-3.8	-1.6	-6955980	-4.8	
29	275.9	1432.6	-0.6	0.1	1.6	-2.9	-1.9	-6363982	-4.7	
29	275.6	1432.2	-1.4	-0.6	1.5	-4.2	-2.2	-5720629	-4.4	
29	275.3	1432.1	-1.3	-0.6	1.4	-4.2	-2.5	-5069613	-4.3	
29	275	1432	-0.7	-0.3	1.5	-3.3	-2.7	-4464286	-4.1	
29	274.7	1432	-1.3	-0.5	1.4	-4	-2.7	-3935621	-4.3	
29	274.4	1432	-1.8	-1.5	1.2	-2.2	-2.7	-3501255	-2	
29	274.1	1432.8	-0.8	-1	1.2	-1.9	-2.1	-3157994	-2.1	
29	273.8	1432.9	-1.4	-1.7	1.1	-3	-1.6	-2887932	-1.9	
29	273.5	1433.1	-1.2	-2.2	1.3	-3	-1.3	-2680858	-1.8	
29	273.2	1433.3	-1	-1.6	1.2	-2.6	-0.9	-2513506	-2	
29	272.9	1433.6	-1	-1.4	1	-2.6	-0.3	-2409379	-1.8	
29	272.6	1433.4	-0.9	-1	0.4	-2.9	0.1	-2339386	-1.6	
29	272.3	1433.6	-0.8	-1.1	0.3	-2.6	0.4	-2283261	-1.7	
29	272	1434.1	-0.5	-0.2	0.4	-1.9	0.9	-2227394	-2	
29	271.7	1434.2	-0.1	0.4	-0.1	-3	0.9	-2174196	-2.7	
29	271.4	1434	0.8	1.7	-0.4	-2.5	0.8	-2117038	-3.3	
29	271.1	1433.7	0.7	1.2	-0.7	-2.1	0.7	-2056730	-3.2	
29	270.8	1433.8	0.5	2.7	-0.8	-2.5	0.7	-1992151	-3.3	
29	270.5	1433.7	0.9	1.2	-0.6	-2.3	0.1	-1915600	-3.9	
29	270.2	1433.8	1.5	1.6	-0.1	-2.7	-0.4	-1831803	-4.5	
29	269.9	1433.8	1.4	2.1	0.3	-2.9	-0.9	-1753560	-4.9	
29	269.6	1433.7	0.5	1.8	0.4	-3.6	-1.4	-1681728	-4.8	
29	269.3	1434.1	1.3	2.9	0.8	-2.9	-1.5	-1624322	-5	
29	269	1434.3	1.4	3.4	1	-3.6	-1.4	-1574249	-5.3	
29	268.7	1434.4	0.4	2.2	1.5	-4.3	-1.3	-1533884	-5.2	
29	268.4	1434.5	0.5	2.4	1.9	-4.1	-1.3	-1497676	-5.3	
29	268.1	1434.7	-0.3	2.2	2.1	-5	-1.2	-1466213	-5.3	
29	267.8	1435.3	0.3	3.1	2.2	-4.2	-0.8	-1436044	-5.2	
29	267.5	1435.3	-0.4	2.6	1.9	-4.6	-0.6	-1404260	-4.7	
29	267.2	1435.3	-0.9	1.9	1.9	-4.1	-0.6	-1369360	-4.4	
29	266.9	1435.4	-1.4	2	2	-5	-0.9	-1329366	-4.2	
29	266.6	1435.3	-1.3	2.1	2.4	-4.5	-1.5	-1285299	-3.8	
29	266.3	1434.6	-1.7	1.6	2.5	-4	-2.3	-1239640	-3.4	
29	266	1434.1	-1.9	1.3	2.6	-3.6	-2.9	-1194382	-2.9	
29	265.7	1434	-2.1	1.4	2.9	-3.5	-3.4	-1152313	-2.7	
29	265.4	1434.1	-2.9	-0.7	3.4	-4.4	-4	-1115478	-2.6	
29	265.1	1434.2	-2.3	-0.6	4.1	-3.7	-4.6	-1084284	-2.5	
29	264.8	1434.2	-2.9	-0.8	4.4	-3.4	-4.9	-1057985	-2.1	
29	264.5	1434.4	-2.6	-0.3	4.8	-3.1	-5	-1035999	-2.2	
29	264.2	1434.6	-2.6	0	5	-3.2	-4.8	-1017867	-2.2	
29	263.9	1434.5	-2.6	-0.6	5.1	-3.4	-4.6	-1000838	-2.2	
29	263.6	1434.4	-2.8	-1.5	4.7	-3	-4.2	-984369	-2	
29	263.3	1434.2	-2.3	-1.7	4.2	-2.9	-4	-969330	-2.2	
29	263	1434	-2.4	-1	3.5	-2.7	-3.7	-953006	-2.3	
29	262.7	1434.1	-1.8	-0.5	3.1	-3	-3.5	-933878	-2.5	
29	262.4	1434	-2.3	-1.6	2.7	-2.9	-3.4	-911914	-2.5	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
29	262.1	1433.7	-2	-0.7	2.3	-3.1	-3.5	-887936	-2.8	
29	261.8	1433.6	-1.9	-0.1	2	-3.4	-3.6	-861982	-3.2	
29	261.5	1433.5	-1.1	-0.3	1.9	-2.8	-3.7	-836832	-3.5	
29	261.2	1433.7	-1.8	-0.4	2.1	-3.2	-3.8	-812163	-3.5	
29	260.9	1434	-1.1	0.1	2.7	-3.4	-4	-788608	-3.8	
29	260.6	1434.4	-1.1	-0.1	3.3	-2.9	-4.2	-766102	-4	
29	260.3	1434.8	-0.4	0.6	3.9	-3.4	-4.3	-746703	-4.4	
29	260	1435.1	-0.8	0.1	4.4	-3.1	-4.2	-730295	-4.3	
29	259.7	1435.4	-0.7	0.1	4.9	-3.4	-4.1	-716794	-4.4	
29	259.4	1435.8	-0.8	-0.3	5.2	-3.8	-3.7	-705919	-4.5	
29	259.1	1436.1	-0.9	-0.8	5.6	-4.6	-3.4	-695831	-4.7	
29	258.8	1436.4	-1.4	-2.2	5.6	-4.5	-3.1	-685579	-4.7	
29	258.5	1436.5	-0.8	-1.5	5.5	-4.8	-3	-675188	-5	
29	258.2	1436.5	-1.9	-2.4	5.3	-6	-3	-664263	-5	
29	257.9	1436.2	-0.9	-1.8	5.1	-5.2	-3.3	-652668	-4.9	
29	257.6	1435.9	-1.7	-3.2	5.2	-5.4	-3.8	-639706	-4.4	
29	257.3	1435.4	-1.3	-2.7	5.2	-5	-4.4	-625937	-4.3	
29	257	1435	-1.1	-1.6	5.5	-4.5	-5.3	-611674	-4.1	
29	256.7	1434.4	-0.9	-2.2	5.6	-4.1	-6.3	-597875	-3.9	
29	256.4	1434.1	-1.4	-2.8	6	-3.3	-7.2	-585340	-3.4	
29	256.1	1434	-0.9	-1.3	6.6	-3	-8	-574420	-3.2	
29	255.8	1434	-0.7	-1.2	6.8	-1.8	-8.3	-564965	-3.1	
29	255.5	1434	-0.7	-0.4	6.8	-1.9	-8.2	-556851	-2.9	
29	255.2	1433.9	-0.5	-0.8	6.6	-1	-7.9	-550266	-3	
29	254.9	1433.8	-0.5	-0.1	6.5	-1.6	-7.5	-545250	-3.3	
29	254.6	1433.9	-0.6	0.3	6.4	-1.8	-6.9	-541163	-3.5	
29	254.3	1434.1	-0.5	0.9	6.3	-2.2	-6.3	-537413	-3.7	
29	254	1434.2	-1.5	-0.2	5.8	-2.6	-5.6	-533442	-3.6	
29	253.7	1434.4	-1.5	0.2	5.4	-3.1	-5.1	-528995	-3.6	
29	253.4	1434.6	-2.1	-0.2	5.1	-4.2	-4.6	-523702	-3.7	
29	253.1	1434.6	-2.5	-0.4	5	-4.9	-4.6	-517873	-3.8	
29	252.8	1434.4	-3.3	-0.4	5	-5.1	-4.8	-511547	-3.4	
29	252.5	1434.1	-3	-0.7	5.1	-5.4	-5.3	-504764	-3.6	
29	252.2	1433.9	-3.5	-0.6	5.3	-5.7	-5.8	-497686	-3.4	
29	251.9	1433.9	-3.1	-0.5	5.4	-5.2	-6.2	-490688	-3.3	
29	251.6	1434	-3.6	-1	5.6	-4.8	-6.4	-483995	-3	
29	251.3	1434.2	-3	-0.4	6.2	-4.9	-6.8	-477810	-3.3	
29	251	1434.2	-2.4	0.4	6.3	-4.1	-7	-472100	-3.5	
29	250.7	1434.4	-2	0.3	6.6	-3.8	-7.1	-466837	-3.6	
29	250.4	1434.5	-2.7	-0.3	6.9	-3.5	-7	-461792	-3.4	
29	250.1	1434.8	-1.9	-0.1	7.2	-3.6	-6.7	-456755	-3.7	
29	249.8	1434.9	-1.8	0.5	7	-3.4	-6.3	-451437	-3.9	
29	249.5	1435.3	-2	0	7.1	-4	-5.9	-445957	-4.1	
29	249.2	1435.4	-2.2	-0.3	7	-3.7	-5.8	-439959	-3.9	
29	248.9	1435.3	-1.3	-0.2	6.8	-3.7	-5.9	-433402	-4.1	
29	248.6	1435.2	-1.5	0.3	6.6	-4.3	-6	-426342	-4.1	
29	248.3	1435.1	-1.1	0	6.7	-4.3	-6.4	-419257	-4.3	
29	248	1434.8	-1.9	-0.8	6.8	-3.6	-6.8	-412484	-3.7	
29	247.7	1434.5	-1	-0.6	6.7	-3.3	-7.3	-406242	-3.7	
29	247.4	1434.5	-1.1	-0.3	7	-3	-7.8	-400722	-3.4	
29	247.1	1434.3	-1	-0.3	7.1	-2.5	-8.4	-396022	-3.1	
29	246.8	1434.4	-1.3	-0.5	7.4	-1.6	-8.8	-392386	-2.9	
29	246.5	1434.6	-0.4	0.5	7.8	-1.7	-9	-389756	-3	
29	246.2	1435	-0.2	1.2	8.4	-1.4	-9.1	-388023	-3.1	
29	245.9	1435.1	-0.3	0.5	8.4	-2.2	-9	-386876	-3.4	
29	245.6	1435.2	-1.2	0.7	8.7	-2	-8.8	-385878	-3.3	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
29	245.3	1435.4	-0.8	0.1	8.8	-2.4	-8.5	-384602	-3.5	
29	245	1435.7	-1.2	0.5	8.8	-2.8	-8.1	-382984	-3.7	
29	244.7	1435.9	-1.1	0.2	8.8	-3.2	-7.8	-380963	-3.8	
29	244.4	1436.1	-2.9	-1.8	9	-4.1	-7.7	-378415	-3.5	
29	244.1	1436.3	-2.2	-1.3	8.9	-4	-7.7	-375430	-3.6	
29	243.8	1436.3	-2.2	-0.8	8.9	-4.4	-7.9	-372028	-3.7	
29	243.5	1436.2	-1.9	-1	9	-4.3	-8.2	-368428	-3.9	
29	243.2	1435.9	-3	-2.3	9	-4.1	-8.5	-364579	-3.6	
29	242.9	1435.7	-2.7	-2	8.9	-4	-8.7	-360809	-3.7	
29	242.6	1435.6	-3.1	-2.6	9.1	-4.2	-9	-357178	-3.6	
29	242.3	1435.4	-2.5	-2	9.2	-3.8	-9.3	-353738	-3.8	
29	242	1435.3	-3.4	-2.8	9.2	-3.3	-9.5	-350423	-3.4	
29	241.7	1435.6	-3.2	-2.7	9.3	-3.4	-9.5	-347169	-3.4	
29	241.4	1435.7	-2.8	-1.3	9.3	-3.1	-9.3	-343749	-3.4	
29	241.1	1435.7	-2.7	-1.2	9.1	-3.6	-9.1	-340396	-3.6	
29	240.8	1435.6	-3.7	-1.6	9.2	-3.4	-9	-337054	-3.2	
29	240.5	1435.6	-4	-1.5	9.3	-4	-9.1	-333830	-3.4	
29	240.2	1435.3	-3.7	-0.4	9.2	-3.4	-9.3	-330719	-3.4	
29	239.9	1435.1	-3.8	-0.8	9.3	-3.8	-9.6	-327614	-3.3	
29	239.6	1435	-4	-0.5	9.4	-2.8	-9.8	-324517	-2.6	
29	239.3	1435.2	-4.2	-1.1	9.6	-2.9	-10.1	-321428	-2.4	
29	239	1435.2	-4	-0.4	9.8	-2.9	-10.6	-318494	-2.3	
29	238.7	1435.1	-3.4	-0.4	9.9	-2.3	-11.1	-315804	-2.2	
29	238.4	1435	-3.9	-1.5	10.1	-1.8	-11.3	-313347	-1.8	
29	238.1	1435.1	-4	-2	10.1	-1.9	-11.2	-311158	-1.8	
29	237.8	1435.2	-4.3	-1.6	10.4	-2.4	-11.1	-309091	-1.7	
29	237.5	1435.4	-4	-2.1	10.4	-2.5	-10.9	-307142	-2.1	
29	237.2	1435.5	-4.2	-2.4	10.4	-2.8	-10.6	-305261	-2.4	
29	236.9	1435.9	-4.1	-2.1	10.3	-3	-10.2	-303579	-2.8	
29	236.6	1436.3	-4	-1.8	10.5	-3.4	-9.9	-302003	-3.4	
29	236.3	1436.8	-3.9	-2.6	10.8	-4.1	-9.6	-300443	-3.8	
29	236	1436.8	-4	-2.5	10.7	-3.9	-9.6	-298899	-4	
29	235.7	1436.8	-3.8	-2.7	10.7	-4.3	-9.7	-297371	-4.5	
29	235.4	1436.6	-3.6	-1.7	10.8	-4.1	-10	-295942	-5	
29	235.1	1436.6	-3.4	-2.4	11.1	-4.6	-10.2	-294651	-5.2	
29	234.8	1436.5	-3.7	-2.6	11.4	-4.1	-10.4	-293535	-4.9	
29	234.5	1436.3	-3.7	-2.7	11.4	-4	-10.6	-292592	-4.7	
29	234.2	1436.1	-4	-2.7	11.3	-4.1	-10.7	-291777	-4.6	
29	233.9	1436.1	-3.9	-3.5	11.4	-4	-10.7	-291006	-4.5	
29	233.6	1436.4	-4.3	-4.1	11.5	-4	-10.6	-290320	-4.1	
29	233.3	1436.4	-4	-3.7	11.3	-3.8	-10.6	-289597	-3.9	
29	233	1436.3	-4.6	-3.4	11.1	-4.3	-10.6	-288799	-3.6	
29	232.7	1436	-3.9	-3.1	10.6	-3.9	-10.7	-287846	-3.5	
29	232.4	1435.6	-4.8	-3.6	10.4	-4	-11	-286624	-3.1	
29	232.1	1435.1	-4.7	-3.6	10.3	-3.9	-11.4	-285180	-3.1	
29	231.8	1434.7	-4.9	-2	10.5	-3.9	-11.8	-283481	-3	
29	231.5	1434.1	-4.8	-2.6	10.6	-3.9	-12.4	-281575	-3.1	
29	231.2	1434.2	-4.9	-2.7	11	-3.5	-12.8	-279470	-3	
29	230.9	1434.6	-4.5	-2.6	11.6	-3.4	-13.1	-277324	-3.1	
29	230.6	1435.1	-4.2	-1.2	11.9	-3.2	-13.1	-275209	-3.2	
29	230.3	1435.6	-3.6	-0.9	12.2	-3.2	-12.9	-273306	-3.5	
29	230	1435.9	-4.2	-1.1	12.6	-3.2	-12.7	-271710	-3.4	
29	229.7	1436.1	-4	-1.5	12.7	-3.4	-12.4	-270516	-3.6	
29	229.4	1435.9	-4	-0.6	12.5	-3.4	-12.1	-269715	-3.5	
29	229.1	1435.7	-4.1	-0.9	12.5	-3.7	-11.8	-269402	-3.6	
29	228.8	1435.6	-4.5	-1.7	12.2	-3.7	-11.5	-269610	-3.3	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
29	228.5	1435.9	-4.3	-1.6	12	-3.3	-11.2	-270202	-3.1	
29	228.2	1436.2	-3.8	-0.1	11.9	-3.3	-11.1	-270936	-3.1	
29	227.9	1436.5	-3.8	0.2	11.9	-3.7	-11.3	-271604	-3.1	
29	227.6	1436.4	-3.9	-0.2	11.6	-3	-11.6	-272063	-2.8	
29	227.3	1436.5	-3.6	0.2	11.8	-3.1	-12	-272240	-3	
29	227	1436.3	-3.2	0.8	11.7	-2.6	-12.2	-272098	-2.9	
29	226.7	1436	-3.2	1	11.9	-2.8	-12.4	-271498	-3.1	
29	226.4	1435.6	-3.3	0.7	11.9	-2.6	-12.6	-270516	-3.1	
29	226.1	1435.5	-3.6	-0.2	11.7	-3.2	-12.7	-269333	-3.3	
29	225.8	1435.7	-3	0.9	11.6	-3.1	-12.6	-268195	-3.6	
29	225.5	1436.3	-2.8	1.2	11.7	-3.4	-12.2	-267202	-3.9	
29	225.2	1436.8	-3.1	1.2	11.8	-3	-11.6	-266454	-3.7	
29	224.9	1437.3	-2.9	1.1	11.5	-3.3	-10.8	-265946	-3.8	
29	224.6	1437.6	-3	1.2	11.4	-3.8	-10.1	-265676	-3.9	
29	224.3	1437.4	-2.8	1.3	11	-3.6	-9.7	-265575	-4.1	
29	224	1437.1	-3.1	0.9	11	-4	-9.6	-265575	-4	
29	223.7	1437.2	-3.1	0.8	11.3	-4.2	-9.6	-265609	-4.3	
29	223.4	1437.1	-3.1	0.9	11.5	-4.6	-10	-265643	-4.5	
29	223.1	1437	-2.8	1	11.8	-4.3	-10.5	-265643	-4.7	
29	222.8	1436.9	-3.6	0	12.1	-4.8	-11.1	-265575	-4.6	
29	222.5	1436.7	-3.1	0.3	12.7	-4.8	-12.1	-265542	-4.8	
29	222.2	1436.2	-3.1	0.6	13	-4.2	-13	-265676	-4.5	
29	221.9	1436.1	-3.5	0.2	13.9	-4.6	-13.9	-265980	-4.4	
29	221.6	1435.8	-2.9	1.1	14	-3.7	-14.5	-266454	-4	
29	221.3	1435.6	-2.7	1.2	13.9	-3.4	-14.9	-267168	-3.7	
29	221	1435.4	-3	1.3	13.5	-3	-14.9	-268057	-3.1	
29	220.7	1435.2	-3.6	0.4	13.2	-3.4	-14.8	-269091	-2.5	
29	220.4	1435	-3.7	0.9	12.6	-2.6	-14.4	-270063	-2.1	
29	220.1	1434.9	-3.3	0.6	12	-2.5	-13.8	-270936	-1.8	
29	219.8	1434.7	-3.8	1	11.5	-2.4	-13	-271745	-1.5	
29	219.5	1434.7	-3.7	1	10.9	-2.1	-12.1	-272381	-1.6	
29	219.2	1435.5	-3.3	1.6	11	-2.3	-11	-272914	-2.3	
29	218.9	1436	-2.9	1.9	10.8	-3.1	-10	-273341	-2.7	
29	218.6	1436.5	-3.1	1.8	11	-3.4	-9.4	-273699	-3.2	
29	218.3	1436.7	-2.6	1.9	11	-3.1	-9.2	-273985	-3.7	
29	218	1436.8	-2.8	1.4	11.2	-3.9	-9.3	-274308	-4.3	
29	217.7	1436.6	-2	1.6	11.4	-4.4	-9.8	-274848	-4.9	
29	217.4	1436.1	-2.7	1.5	11.5	-4.4	-10.4	-275644	-4.9	
29	217.1	1435.7	-2.9	1.1	11.5	-4.4	-11	-276737	-4.9	
29	216.8	1435.2	-3.7	0.3	11.4	-5.4	-11.9	-278023	-4.7	
29	216.5	1434.8	-2.2	1.9	11.6	-4.1	-12.7	-279433	-4.7	
29	216.2	1434.5	-2.7	1.8	11.5	-4.3	-13	-281008	-4.3	
29	215.9	1434.6	-2.7	1.6	11.5	-3.4	-12.9	-282639	-4.1	
29	215.6	1434.8	-2.7	1.1	11.5	-3.5	-12.6	-284328	-4	
29	215.3	1435.1	-1.7	2.1	11.6	-3.3	-12.2	-285920	-4.1	
29	215	1435.3	-2.5	1.4	11.7	-2.9	-11.7	-287411	-3.8	
29	214.7	1435.6	-3.1	0.5	11.5	-3.4	-11.2	-288639	-3.7	
29	214.4	1435.8	-2.6	0.6	11.5	-2.6	-10.9	-289718	-3.8	
29	214.1	1435.9	-2.7	0.5	11.4	-3.8	-10.7	-290764	-3.9	
29	213.8	1435.5	-2.4	0.9	11.1	-3.2	-10.6	-291858	-3.9	
29	213.5	1435.3	-4.1	-0.5	10.8	-4.8	-10.5	-293001	-3.8	
29	213.2	1435	-3.6	-0.6	10.5	-4.2	-10.6	-294319	-3.8	
29	212.9	1434.7	-3	-0.2	10.5	-4.4	-10.8	-295858	-3.9	
29	212.6	1434.6	-4	-0.9	10.5	-4.9	-10.8	-297624	-3.6	
29	212.3	1434.9	-3.8	-0.9	10.6	-4.1	-10.6	-299755	-3.5	
29	212	1435.1	-3.8	-0.8	10.7	-4.4	-10.5	-302046	-3.6	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
29	211.7	1435.6	-3.3	-0.5	11	-4.6	-10.4	-304684	-3.8	
29	211.4	1435.6	-3.4	-0.3	11.1	-4.8	-10.3	-307683	-3.5	
29	211.1	1435.5	-3.6	-0.5	10.9	-3.9	-10.2	-311020	-3.3	
29	210.8	1435.4	-3.7	-0.6	10.8	-4.2	-10.1	-314429	-3.2	
29	210.5	1435	-3.3	-0.5	10.6	-4.3	-10.3	-317866	-3.3	
29	210.2	1434.5	-2.8	0.8	10.2	-3	-10.4	-321132	-2.8	
29	209.9	1434.3	-3.2	-0.1	9.9	-2.8	-10.4	-324115	-2.5	
29	209.6	1434.1	-3.5	-0.4	9.6	-2.7	-10.6	-326745	-2.1	
29	209.3	1434.1	-2.3	1.2	9.3	-2	-10.6	-328900	-2.2	
29	209	1434.1	-1.9	1	9.3	-1	-10.6	-330353	-1.9	
29	208.7	1434.3	-1.9	0.8	9.4	-0.9	-10.5	-331085	-1.9	
29	208.4	1434.4	-1.9	1.1	9.5	-1.2	-10.4	-331452	-1.9	
29	208.1	1434.6	-1.6	2	9.6	-1.2	-10.2	-331819	-2.2	
29	207.8	1434.8	-1.2	2.5	9.8	-1.2	-9.8	-332452	-2.1	
29	207.5	1434.8	-2	1.3	9.4	-1.6	-9.4	-333511	-2.2	
29	207.2	1435.1	-1.9	1.9	9.6	-1.8	-9	-335166	-2.6	
29	206.9	1435.3	-1.7	2	9.5	-2.7	-8.7	-337434	-3.1	
29	206.6	1435.2	-2.1	1.2	9.4	-2.9	-8.6	-340562	-3.2	
29	206.3	1435.3	-2.1	0.8	9.1	-3.2	-8.4	-344428	-3.5	
29	206	1435.2	-1.5	1.6	8.9	-3.5	-8.4	-348788	-4.1	
29	205.7	1435.3	-1.8	0.8	8.7	-4.5	-8.2	-353201	-4.6	
29	205.4	1435.1	-1.4	1.4	8.3	-4.6	-8.1	-357605	-4.9	
29	205.1	1435.2	-2	0	8.2	-4.9	-7.8	-361869	-5.1	
29	204.8	1434.9	-1.9	0.8	7.7	-5.1	-7.7	-365853	-5.2	
29	204.5	1434.9	-1.8	1.1	7.5	-5.6	-7.4	-369598	-5.7	
29	204.2	1434.7	-2.8	0.9	7.1	-5.8	-7.1	-373089	-5.4	
29	203.9	1434.9	-2.8	-0.6	7	-5.5	-6.9	-376510	-5.1	
29	203.6	1435	-2.4	0.3	6.9	-5.2	-6.8	-380064	-4.9	
29	203.3	1435	-2.2	0.5	7	-4.9	-6.8	-383686	-4.5	
29	203	1435	-2.3	0.4	7.2	-4.6	-6.8	-387664	-4	
29	202.7	1434.9	-2.3	-0.6	7.3	-4.2	-6.9	-391945	-3.8	
29	202.4	1434.7	-2	0.5	7.6	-4	-7.1	-396472	-3.6	
29	202.1	1434.3	-2.2	0.9	7.8	-4.5	-7.7	-401029	-3.4	
29	201.8	1434.1	-2.7	-0.1	7.9	-4.1	-7.9	-405769	-3.1	
29	201.5	1434.2	-2.7	0	7.8	-3.6	-7.8	-410543	-2.9	
29	201.2	1434.6	-2.7	-0.3	7.9	-4.6	-7.6	-415266	-3.2	
29	200.9	1434.4	-1.8	2.3	7.4	-4.4	-7.6	-419930	-3.6	
29	200.6	1434.1	-1.9	1.7	7.1	-4.4	-7.6	-424613	-3.7	
29	200.3	1433.8	-1.7	1.3	7.1	-4.1	-7.7	-429667	-3.9	
29	200	1433.6	-1.4	2.6	7.1	-4.3	-7.8	-435114	-4.4	
29	199.7	1433.5	-0.3	3.5	7.2	-3.6	-7.8	-441072	-4.8	
29	199.4	1433.5	-0.5	3.3	7.3	-3.7	-7.9	-447673	-4.8	
29	199.1	1433.6	-1.1	2.2	7.5	-4.5	-8.2	-454771	-4.7	
29	198.8	1433.7	-0.3	3.1	7.8	-3.2	-8.6	-462506	-4.5	
29	198.5	1434.1	0.2	3.8	8.2	-3.1	-8.7	-470720	-4.3	
29	198.2	1434.1	-0.2	3.5	8.1	-2.6	-8.5	-479342	-3.6	
29	197.9	1434	-0.7	2.6	7.7	-2.8	-8.1	-487943	-3	
29	197.6	1433.8	-1	1.8	7.4	-2.7	-7.8	-496270	-2.5	
29	197.3	1433.9	-0.8	2.4	7.1	-2.7	-7.3	-503914	-2.5	
29	197	1434.1	-0.5	3	6.8	-2.6	-6.8	-510549	-2.5	
29	196.7	1434.4	0.1	2.4	6.5	-1.6	-6.2	-516214	-2.6	
29	196.4	1434.5	-0.5	1.4	6.3	-2.9	-5.8	-521096	-2.5	
29	196.1	1434.9	-0.2	1.7	6	-2.9	-5.4	-525147	-2.6	
29	195.8	1434.9	-0.5	1.4	6	-3	-5.4	-528728	-2.6	
29	195.5	1435	0	1.6	6	-2.8	-5.3	-531412	-2.8	
29	195.2	1434.7	-0.3	0.9	6	-2.9	-5.3	-533578	-2.8	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
29	194.9	1434.7	-0.8	1.2	6	-3.6	-5.4	-535215	-3	
29	194.6	1434.7	-0.4	1.5	5.9	-3.5	-5.4	-537137	-3.1	
29	194.3	1434.5	-0.7	1	5.7	-4.6	-5.6	-539490	-3.4	
29	194	1434.3	0	2.1	5.5	-3.2	-5.6	-542706	-3.3	
29	193.7	1434.5	0	2.1	5.4	-3.6	-5.4	-546959	-3.6	
29	193.4	1434.5	0.1	1.6	5.3	-3.6	-5.3	-552152	-3.6	
29	193.1	1434.6	0.7	2.5	5	-3.6	-5	-558932	-3.8	
29	192.8	1434.3	0.7	2.1	4.9	-3.1	-4.9	-567107	-3.7	
29	192.5	1434.3	0.4	2.4	4.7	-3.4	-4.7	-576793	-3.9	
29	192.2	1434.2	0.5	2.4	4.6	-3.8	-4.6	-587804	-4	
29	191.9	1434.4	0.8	2.6	4.7	-3.1	-4.4	-600275	-4.1	
29	191.6	1434.3	0.4	3.2	4.9	-3.9	-4.4	-613286	-4	
29	191.3	1434.2	0.1	2.9	4.9	-3.8	-4.5	-625937	-3.9	
29	191	1434.2	0.6	3	5.1	-3.4	-4.6	-638146	-4	
29	190.7	1434.2	1	3.2	4.9	-3.6	-4.6	-650235	-4.2	
29	190.4	1434	0.6	2.9	4.8	-3.8	-4.5	-662162	-4.1	
29	190.1	1433.9	0.7	3	4.5	-3.4	-4.3	-674101	-4.2	
29	189.8	1433.8	0.9	2.9	4.1	-3.6	-3.9	-686253	-4.4	
29	189.5	1433.6	0.3	2.5	3.4	-4.6	-3.6	-698384	-4.6	
29	189.2	1433.3	0.6	3.3	2.8	-4	-3.3	-711194	-4.5	
29	188.9	1433.1	0.1	2.8	2	-3.6	-2.9	-724985	-4.2	
29	188.6	1433	-0.2	2.5	1.6	-4.7	-2.6	-740105	-4.1	
29	188.3	1433.2	0.1	1.9	1.6	-4.1	-2.4	-755596	-4.2	
29	188	1433	-0.2	1.7	1.8	-3.7	-2.5	-771181	-4.1	
29	187.7	1433	-0.5	1.2	2.2	-3.7	-2.6	-786239	-4.1	
29	187.4	1432.9	-0.3	1.1	2.7	-4	-3	-801591	-4.2	
29	187.1	1433.2	-0.3	0	4	-3.6	-3.6	-816279	-4.5	
29	186.8	1433.3	-0.3	0.2	4.9	-3.1	-4.2	-830525	-4.5	
29	186.5	1433.7	-1.2	-0.1	6	-3.9	-4.8	-843916	-4.4	
29	186.2	1433.9	0.3	0.6	6.3	-2.7	-5.3	-857042	-4.4	
29	185.9	1433.8	-1	-1.2	6.2	-4	-5.7	-870222	-4.1	
29	185.6	1433.3	-1.7	-1.5	6	-3.9	-6.2	-884934	-3.3	
29	185.3	1432.9	-2.4	-1.7	5.5	-3.8	-6.5	-900539	-2.7	
29	185	1432.5	-2	-1	5	-3.4	-6.6	-917106	-2.4	
29	184.7	1432	-2.7	-1.9	4	-3.4	-6.3	-935129	-1.7	
29	184.4	1431.9	-3.9	-3.4	3.3	-3.2	-5.7	-954309	-0.4	
29	184.1	1432	-3.5	-3.6	2.4	-2.1	-4.8	-975654	0.2	
29	183.8	1432.7	-2.7	-2.2	2.3	-2	-3.9	-998452	0.4	
29	183.5	1433.3	-2.3	-2.1	2.3	-1.5	-3.2	-1020845	0.4	
29	183.2	1434.1	-2.1	-1.6	2.5	-1	-2.2	-1043745	0.1	
29	182.9	1434.9	-2.1	-2.1	2.6	-1.3	-1.4	-1067152	-0.3	
29	182.6	1435.3	-1.8	-1.5	2.6	-1.9	-0.7	-1091633	-1	
29	182.3	1435.4	-1.8	-1	2.5	-3.1	-0.3	-1117860	-2	
29	182	1435.3	-1.8	-1.4	2.6	-3.1	-0.3	-1146633	-2.8	
29	181.7	1435.1	-1.1	-0.4	2.5	-3.7	-0.5	-1176927	-3.7	
29	181.4	1434.8	-0.9	-0.9	2.4	-4.7	-0.9	-1210961	-4.5	
29	181.1	1434.5	0.1	0.1	2.2	-4.8	-1.2	-1249255	-5.2	
29	180.8	1434.4	-0.4	-0.5	2.1	-5.9	-1.5	-1292439	-5.4	
29	180.5	1434.4	0.2	-0.5	2	-5.5	-1.8	-1338716	-5.9	
29	180.2	1434.3	0.3	-0.4	2.1	-6.2	-2.1	-1386591	-6.2	
29	179.9	1434.3	1.3	0.9	2.3	-5.4	-2.3	-1434076	-6.4	
29	179.6	1434.1	0.8	0.3	2.4	-4.9	-2.5	-1480729	-5.6	
29	179.3	1434.1	1.4	0.6	2.4	-4.1	-2.5	-1526058	-5.2	
29	179	1434	1.3	0.9	2.4	-3.8	-2.6	-1569529	-4.8	
29	178.7	1433.8	1.6	1.5	2.3	-3.5	-2.7	-1609340	-4.4	
29	178.4	1433.4	2.3	1.7	2	-1.5	-2.9	-1646031	-3.8	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
29	178.1	1433.4	1.8	0.8	1.9	-1.5	-2.9	-1680378	-3.2	
29	177.8	1433.2	2.4	1.8	1.6	0.2	-2.9	-1716189	-2.7	
29	177.5	1433.2	2.3	1.6	1.5	-0.1	-2.7	-1753560	-2.7	
29	177.2	1433	2	1.1	1.3	0.8	-2.6	-1798755	-2.2	
29	176.9	1433.2	1.7	1.4	1.2	0.8	-2.4	-1854518	-2.1	
29	176.6	1433.5	1.5	0.9	1.4	0.7	-2.2	-1922636	-2.2	
29	176.3	1433.9	1.4	1.3	1.8	0	-2	-2003589	-2.4	
29	176	1434.2	0.4	0.6	2.1	-0.9	-1.7	-2100051	-2.4	
29	175.7	1434.5	-0.1	-0.2	2.3	-1.5	-1.4	-2215609	-2.9	
29	175.4	1434.7	-1.2	-1	2.4	-3.3	-1.2	-2352529	-3.3	
29	175.1	1434.6	-2	-1.5	2.3	-4.5	-1.1	-2519555	-3.6	
29	174.8	1434.6	-2.9	-2.6	2.3	-5.4	-1	-2719156	-3.9	
29	174.5	1434.7	-3.7	-3.4	2.1	-6.3	-0.9	-2940661	-4.2	
29	174.2	1434.6	-4.1	-3.8	1.7	-7.2	-0.8	-3167550	-4.5	
29	173.9	1434.4	-3.7	-2.5	1.2	-7.1	-0.7	-3377017	-4.9	
29	173.6	1434.2	-4.5	-4.8	0.8	-7.4	-0.8	-3572953	-4.8	
29	173.3	1433.8	-4.9	-3.9	0.3	-7.6	-0.8	-3758977	-4.4	
29	173	1433.8	-4.7	-3	0.1	-7.1	-0.6	-3913552	-4.5	
29	172.7	1433.6	-4.4	-2	-0.1	-6.9	-0.5	-4041989	-4.7	
29	172.4	1433.6	-4.9	-2.9	-0.2	-6.8	-0.2	-4129685	-4.4	
29	172.1	1433.8	-4.9	-2.2	-0.4	-6.4	0.1	-4204318	-4.4	
29	171.8	1433.8	-4.2	-0.3	-0.5	-6	0.3	-4308128	-4.4	
29	171.5	1434	-4.3	-0.8	-0.4	-6.4	0.6	-4464286	-4.3	
29	171.2	1434.1	-4.2	-1.5	-0.5	-5.3	0.8	-4694507	-3.8	
29	170.9	1434.2	-3.3	-1	-0.5	-4.1	1	-4985119	-3.6	
29	170.6	1434	-3	-0.9	-0.7	-4.1	1	-5327608	-3.3	
29	170.3	1433.7	-2.3	-0.2	-0.9	-3.2	0.9	-5720629	-3.3	
29	170	1433.4	-2.2	-0.4	-1	-2.9	0.7	-6194527	-3	
29	169.7	1433.5	-2	-0.2	-1	-2.2	0.7	-6775890	-2.8	
29	169.4	1433.4	-1.1	0.7	-1	-2.2	0.6	-7504480	-2.9	
29	169.1	1433.3	-0.8	0.3	-1	-2	0.5	-8341634	-3	
29	168.8	1433.3	-0.8	0.1	-0.9	-1.8	0.4	-9223568	-3	
29	168.5	1433.5	-0.8	-0.9	-0.6	-2.2	0.3	-1E+07	-3	
29	168.2	1433.5	0.3	0.7	-0.5	-1.6	0.2	-1.2E+07	-3.1	
29	167.9	1433.7	-0.3	-0.5	0.1	-2.7	0.1	-1.4E+07	-3	
29	167.6	1433.8	0.3	0	0.2	-2.3	0	-1.7E+07	-2.7	
29	167.3	1433.9	-0.2	-1.5	0.1	-2.3	0		-2.3	
29	167	1433.8	0.6	-0.2	0.1	-1.5	-0.1		-2.2	
29	166.7	1433.7	0.7	-0.7	0.2	-1.5	-0.2		-2.2	
29	166.4	1433.5	0.2	-1.1	0.2	-1.6	-0.4		-1.9	
29	166.1	1433.4	0.2	-1.4	0	-1.1	-0.5		-1.7	
29	165.8	1433.5	0.7	-1.6	0.1	-1.5	-0.5		-2.1	
29	165.5	1433.4	1.2	-0.6	0	-1	-0.7		-2.7	
29	165.2	1433.7	1.9	-0.5	0.1	-1.3	-0.6		-3.4	
29	164.9	1434	1.6	-0.7	0.2	-2.1	-0.5		-4.1	
29	164.6	1434.2	1	-1	0.5	-3.6	-0.5		-4.5	
29	164.3	1434.2	0.8	-0.9	0.6	-4.7	-0.6		-5.1	
29	164	1434	0.6	-0.9	0.7	-5.1	-0.7	16885081	-5.7	
29	163.7	1434.2	0	-1.4	0.7	-5.8	-0.5	14744718	-5.8	
29	163.4	1434.4	-0.2	-0.6	0.6	-6.4	-0.3	13168239	-6.1	
29	163.1	1434.5	-0.6	-0.5	0.6	-7	0	12102601	-5.8	
29	162.8	1434.7	-0.7	0.5	0.4	-7.3	0.3	11441257	-5.5	
29	162.5	1434.6	-0.5	1.5	0	-6.6	0.4	11078042	-4.9	
29	162.2	1434.5	-0.4	2.5	-0.4	-5.6	0.6	11196524	-4.4	
29	161.9	1434.6	0.1	3.8	-0.6	-4.6	0.9	11762641	-3.9	
29	161.6	1434.5	-0.2	3.9	-0.8	-4.4	1.2	12537425	-3.6	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
29	161.3	1434.6	-0.1	3.6	-0.9	-3.8	1.4	13595779	-3.1	
29	161	1434.6	-0.5	4	-1.1	-3.6	1.4	14955357	-2.5	
29	160.7	1434.5	-0.1	4.8	-1.2	-3	1.2	16750000	-2.5	
29	160.4	1434.4	0.3	5	-1.2	-2.6	0.9	18694197	-2.6	
29	160.1	1434.4	0.9	5.3	-0.9	-2	0.7		-2.6	
29	159.8	1434.3	0.7	5.6	-0.6	-2.4	0.6		-2.6	
29	159.5	1434.3	0.8	5.7	-0.4	-3	0.5	19208716	-2.9	
29	159.2	1434.2	0.6	4.8	-0.1	-3.4	0.3	17743644	-3.1	
29	158.9	1434	1.2	5.5	0.3	-3	-0.2	16230620	-3.2	
29	158.6	1434.1	1.3	5.5	0.5	-2.4	-0.4	14744718	-2.8	
29	158.3	1434.5	1.5	4.8	0.8	-2.1	-0.4	13421474	-2.5	
29	158	1434.7	1.3	4.3	0.9	-2.1	-0.3	12316177	-2	
29	157.7	1434.6	1.1	3.4	0.6	-1.6	-0.2	11504121	-1.3	
29	157.4	1434.2	1.3	3.5	0.2	-1	-0.3	10962042	-0.7	
29	157.1	1433.7	1.7	3.7	0	-0.5	-0.5	10628173	-0.7	
29	156.8	1433.5	2.1	3.2	-0.5	0.4	-0.2	10365099	-0.3	
29	156.5	1433.2	2	2.8	-0.8	-0.1	-0.1	10213415	-0.5	
29	156.2	1433.4	2.3	3.1	-0.9	0.2	0.2	9970238	-1	
29	155.9	1433.7	2.3	3.1	-1	-1.5	0.4	9693287	-2.2	
29	155.6	1433.8	2.6	2.3	-1	-1.8	0.5	9389014	-3	
29	155.3	1434	1.9	2.2	-0.8	-3.1	0.7	9024785	-3.9	
29	155	1434.3	2.5	2.2	-0.5	-3.2	1	8687760	-4.7	
29	154.7	1434.2	2.1	2.3	-0.2	-5.2	1	8375000	-5.9	
29	154.4	1434.2	2.3	1.7	-0.1	-6.1	1.1	8052885	-6.9	
29	154.1	1434.2	2.1	1.4	-0.1	-6.7	1.2	7754630	-7.3	
29	153.8	1434.1	0.9	0.7	-0.2	-8.1	1.1	7504480	-7.5	
29	153.5	1434.1	1.7	1.5	-0.1	-7.2	0.9	7346491	-7.3	
29	153.2	1433.9	1.4	0.7	-0.1	-7.6	0.6	7244810	-6.8	
29	152.9	1433.6	1.2	0	-0.3	-7	0.4	7195017	-5.8	
29	152.6	1433.4	0.6	-1.3	-0.5	-6.9	0.1	7244810	-4.9	
29	152.3	1433.2	1.1	-0.5	-0.4	-5.2	-0.4	7346491	-4.1	
29	152	1433	1	0	-0.4	-5	-0.8	7504480	-3.5	
29	151.7	1433	1	0.2	-0.5	-3.6	-0.8	7641424	-2.6	
29	151.4	1433	0.7	0.1	-0.5	-2.9	-0.7	7871241	-2.2	
29	151.1	1433	0.9	0.9	-0.6	-2.6	-0.6	8115310	-2.2	
29	150.8	1433	1.9	2.1	-0.6	-1.6	-0.5	8341634	-2.8	
29	150.5	1433	2.9	3.5	-0.6	-1.1	-0.3	8616255	-3.6	
29	150.2	1433.3	2.7	3.4	-0.5	-1.4	0.1	8909575	-4.1	
29	149.9	1433.7	2.3	2.8	-0.5	-1.8	0.7	9223568	-4.6	
29	149.6	1434.1	2.7	3.1	-0.5	-1.8	1.2	9517046	-5.2	
29	149.3	1434.4	1.8	1.7	-0.5	-2.8	1.5	9922986	-5.6	
29	149	1434.4	1.8	2	-0.6	-2.7	1.6	10468750	-5.6	
29	148.7	1434.4	0.9	1	-0.8	-3.3	1.7	11078042	-5.2	
29	148.4	1434.3	0.1	0.6	-1	-3.6	1.7	11964286	-4.7	
29	148.1	1434.2	-0.4	-0.3	-1.1	-4.4	1.6	12924383	-4.1	
29	147.8	1434	-0.7	-1	-1.1	-4.2	1.3	13865894	-3.6	
29	147.5	1433.8	-2.1	-3	-1.1	-4.6	0.9	14539931	-2.7	
29	147.2	1433.8	-2.5	-3.2	-1	-4.7	0.6	15062950	-2.2	
29	146.9	1433.8	-2.9	-3.7	-1	-4.3	0.4	15282847	-1.9	
29	146.6	1433.9	-2.9	-3.5	-0.6	-4.2	0.1	15282847	-1.8	
29	146.3	1434	-2.8	-4	-0.4	-3.6	0.1	14641608	-1.8	
29	146	1434.2	-3.8	-5.1	-0.1	-4.8	0.1	13774671	-1.8	
29	145.7	1434.3	-3.1	-4.6	-0.1	-3.8	0.2	13004659	-1.8	
29	145.4	1434.3	-2.9	-4.2	0	-3.8	0.2	12612952	-2.1	
29	145.1	1434.4	-2.8	-3.9	0.1	-3.4	0.3	12612952	-2.5	
29	144.8	1434.3	-2.6	-3.9	-0.1	-3.4	0.4	13168239	-2.8	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
29	144.5	1434.4	-2.7	-4.4	-0.1	-3.9	0.5	14052014	-3.2	
29	144.2	1434.4	-2.7	-4.8	-0.3	-4.5	0.4	15395221	-3.6	
29	143.9	1434.3	-2.8	-4.8	-0.2	-4.9	0.2	17743644	-3.8	
29	143.6	1434.2	-1.6	-3.9	-0.2	-3.5	0.1		-4	
29	143.3	1434.1	-1.8	-4.1	-0.4	-3.3	0.1		-4	
29	143	1434.2	-1.7	-4.3	-0.2	-3.3	0.2		-4.1	
29	142.7	1434.2	-1.7	-3.6	0	-3.5	0.1		-4.1	
29	142.4	1434.2	-1.6	-4.1	0.2	-2.9	0		-4.1	
29	142.1	1434.2	-1.1	-3.2	0	-2	0		-4	
29	141.8	1434.6	-0.7	-3	-0.1	-1.5	0.4		-4	
29	141.5	1434.5	-0.6	-2.7	-0.1	-2.1	0.4		-4.2	
29	141.2	1434.5	-0.4	-1.3	-0.2	-1.9	0.6		-4.4	
29	140.9	1434.4	-1.9	-3.6	-0.2	-3.7	0.7	17447917	-4.4	
29	140.6	1434.2	-2.1	-3.5	0	-4.5	0.4	14744718	-4.8	
29	140.3	1433.9	-1.8	-3	-0.1	-4.6	0.1	13004659	-5.1	
29	140	1433.8	-2.9	-3.5	0	-6	-0.1	12033046	-5	
29	139.7	1434	-3.5	-4.6	0.3	-6.2	-0.1	11762641	-4.4	
29	139.4	1434.2	-3.6	-4.6	0.6	-6.8	-0.4	12033046	-4.3	
29	139.1	1434.2	-2.5	-3.5	0.9	-5.4	-0.8	12845092	-4.1	
29	138.8	1434	-4.2	-4.9	0.9	-6.8	-1.3	14052014	-3.7	
29	138.5	1433.6	-3.3	-4.2	0.8	-4.9	-1.8	15742481	-3.3	
29	138.2	1433.5	-3.1	-5	0.7	-4.6	-1.7	18206522	-3	
29	137.9	1433.6	-2.9	-5.8	0.6	-4	-1.4		-2.9	
29	137.6	1433.6	-2.3	-5	0.2	-3.5	-0.9		-2.9	
29	137.3	1433.5	-2.3	-4.6	0	-3.5	-0.8		-2.8	
29	137	1433.4	-1.5	-4.2	-0.2	-2.6	-0.7		-2.8	
29	136.7	1433.7	-1.7	-3.5	-0.3	-3.1	-0.2		-2.5	
29	136.4	1434.3	-1.9	-3.7	-0.1	-2.5	0.5		-2.3	
29	136.1	1434.7	-1.5	-2.4	0.1	-3.1	1.1		-2.5	
29	135.8	1434.9	-0.9	-1	0.3	-2.8	1.3		-2.7	
29	135.5	1434.9	-1.8	-1.4	0.6	-4.1	1		-2.8	
29	135.2	1434.8	-0.4	0.3	0.8	-3.4	0.7		-3.1	
29	134.9	1434.5	0.3	2.4	1.1	-2.7	0.3		-3.1	
29	134.6	1434.3	0.2	2.7	1.2	-2.9	0		-2.9	
29	134.3	1434.2	0.3	3.2	1.1	-2.6	-0.2		-2.8	
29	134	1433.9	0.8	3.7	0.8	-2.6	-0.6		-3.1	
29	133.7	1433.4	1.5	4.3	0.5	-2.3	-1.1		-3.2	
29	133.4	1433.1	1.4	5.2	0.2	-2.6	-1.3		-3.1	
29	133.1	1432.9	1.9	5	-0.2	-1.2	-1.2		-2.9	
29	132.8	1432.9	2.1	5	-0.6	-1.5	-0.8		-2.8	
29	132.5	1432.7	2.2	5	-0.9	-2	-0.4		-3	
29	132.2	1432.7	2	4.6	-1.2	-2.2	0.1		-3	
29	131.9	1432.9	1.9	4.6	-1.6	-1.8	0.7		-3.1	
29	131.6	1433.1	2.5	5.2	-1.6	-2.2	1		-3.5	
29	131.3	1433.3	2.8	5.6	-1.7	-2.5	1.4		-4.1	
29	131	1433.5	2.8	4.4	-1.8	-2.7	1.6		-4.3	
29	130.7	1433.6	2.3	4.1	-1.7	-3.1	1.7		-4.3	
29	130.4	1433.7	2	3.7	-1.6	-3.8	1.6		-4.5	
29	130.1	1433.6	2.2	3.9	-1.6	-3.6	1.4		-4.4	
29	129.8	1433.4	2.1	3.7	-1.3	-3.7	1.1		-4.3	
29	129.5	1433.4	1	2.1	-1	-4.1	0.8		-3.8	
29	129.2	1433.5	1.5	2.2	-0.6	-3.8	0.4		-3.7	
29	128.9	1433.8	1	1.6	-0.2	-3.8	0.2		-3.2	
29	128.6	1434.3	1	1.4	0.3	-3.7	0.1	19386574	-2.8	
29	128.3	1434.4	0.3	2.2	0.5	-3.5	-0.1	13251582	-2.3	
29	128	1434.6	0.6	2.7	0.7	-3	-0.2	10114734	-2.1	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
29	127.7	1434.8	0.6	2.4	1	-3.1	-0.2	8275692	-1.8	
29	127.4	1434.4	1	3.9	0.8	-2.8	-0.3	7145905	-1.7	
29	127.1	1434.3	0.7	4.2	0.7	-2.2	-0.2	6344697	-1.6	
29	126.8	1434.2	0.8	4.4	0.4	-2.6	0.1	5767907	-1.8	
29	126.5	1434.2	0.4	2.9	0.1	-3	0.4	5410207	-1.9	
29	126.2	1434.3	1	5.2	-0.1	-3	0.5	5234375	-2.5	
29	125.9	1434.4	0.7	4	-0.2	-2.7	0.5	5182550	-2.7	
29	125.6	1434.4	1	4.1	-0.3	-2.8	0.5	5221322	-3.3	
29	125.3	1434.5	1.6	4.5	-0.3	-2.9	0.5	5260679	-4.1	
29	125	1434.4	2.1	4.4	-0.3	-3.4	0.5	5300633	-4.9	
29	124.7	1434.3	1.6	3.9	-0.2	-3.8	0.4	5314087	-5.4	
29	124.4	1434	1.7	3.2	0	-4.5	0.1	5300633	-6.2	
29	124.1	1433.7	2	3.7	0.1	-4.4	-0.3	5247494	-6.8	
29	123.8	1433.6	1.9	3.8	0.4	-5.2	-0.6	5119193	-7.5	
29	123.5	1433.7	1.1	2.6	0.5	-5.2	-0.6	4903396	-7.4	
29	123.2	1433.8	0.5	1.4	0.5	-6.2	-0.7	4663141	-7.4	
29	122.9	1433.9	0.3	2.1	0.5	-6.5	-0.8	4435911	-7.2	
29	122.6	1434	0.3	0.7	0.7	-6.1	-0.9	4238361	-6.3	
29	122.3	1433.9	-0.6	-0.9	0.7	-5.8	-1.1	4073444	-5	
29	122	1433.6	-0.8	-1	0.5	-5.7	-1.2	3957940	-4.1	
29	121.7	1433.6	-1.2	-1.5	0.3	-4.8	-0.9	3891729	-3.1	
29	121.4	1433.4	-1.9	-2.7	-0.1	-5.1	-0.6	3841744	-1.9	
29	121.1	1433.3	-2.9	-4.4	-0.2	-4.3	-0.5	3813753	-0.6	
29	120.8	1433.6	-2.4	-3.8	-0.4	-3.2	-0.2	3793026	-0.2	
29	120.5	1433.8	-2.4	-4.3	-0.8	-2.8	0.3	3779333	0	
29	120.2	1434	-2	-4.1	-1.1	-2.5	0.8	3758977	-0.1	
29	119.9	1434.2	-1.2	-3.4	-1.7	-1.5	1.5	3705753	-0.5	
29	119.6	1434.5	-0.1	-2.1	-1.9	-1.7	2.1	3603701	-1.6	
29	119.3	1434.6	-0.9	-2.8	-2.1	-2.7	2.5	3472223	-2.1	
29	119	1434.5	0.7	-1.8	-2.1	-1.5	2.7	3307662	-2.9	
29	118.7	1434.4	0.4	-2.4	-2.3	-1.2	2.9	3139056	-3.4	
29	118.4	1434.6	0.7	-2.1	-2.5	-1.8	3.2	2965652	-3.9	
29	118.1	1434.6	0.5	-1.8	-2.5	-2.5	3.2	2787950	-4.2	
29	117.8	1434.7	0.5	-1.5	-2.5	-2.7	3.2	2620464	-4.3	
29	117.5	1434.9	0.2	-2	-2.3	-2.9	3.1	2466137	-4	
29	117.2	1435	0.8	-1.3	-2.1	-3	2.9	2321231	-3.9	
29	116.9	1434.7	0.6	-0.4	-2.1	-2.3	2.6	2192409	-3.6	
29	116.6	1434.4	0.5	-1	-2	-2.9	2.2	2081263	-3.4	
29	116.3	1434.2	-0.6	-1.6	-1.9	-3	1.8	1988367	-2.9	
29	116	1434.2	-0.4	-1.4	-1.9	-2.9	1.5	1913849	-2.7	
29	115.7	1434.1	0.1	-0.2	-1.7	-2.8	1	1847971	-3.1	
29	115.4	1434	-0.1	-0.7	-1.5	-3.1	0.7	1791062	-3.2	
29	115.1	1433.9	-0.5	-1.1	-1.4	-3	0.4	1741889	-3.5	
29	114.8	1434	-0.1	-1.1	-1.1	-3.8	0.2	1699473	-4	
29	114.5	1433.9	-0.4	-1.1	-1	-3.9	0.1	1660390	-4.1	
29	114.2	1433.9	-0.8	-1.6	-0.8	-4.6	0.2	1620550	-4.1	
29	113.9	1434.2	-1.4	-1.8	-0.5	-4.3	0.4	1577808	-4	
29	113.6	1434.6	-1.1	-2.1	-0.5	-4.2	0.7	1533884	-4.1	
29	113.3	1434.9	-0.9	-1.6	-0.3	-4.5	0.9	1491276	-4.3	
29	113	1434.9	-0.9	-1.9	-0.3	-4.4	1.1	1448963	-4.2	
29	112.7	1434.8	-2.2	-3.8	-0.5	-5.1	1.4	1408985	-4.1	
29	112.4	1434.9	-1.5	-3.6	-0.7	-4.8	1.6	1369360	-4.1	
29	112.1	1434.8	-1.7	-3.3	-0.9	-4.7	1.6	1329366	-4.2	
29	111.8	1434.6	-1.1	-2.8	-0.9	-3.9	1.6	1290051	-4.5	
29	111.5	1434.5	-1.7	-3.7	-1.3	-3.6	1.7	1253744	-4.4	
29	111.2	1434.5	-1.5	-3.4	-1.6	-3.9	1.8	1217298	-4.7	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
29	110.9	1434.4	-1.5	-2.6	-1.9	-4.3	1.9	1179579	-4.8	
29	110.6	1434.1	-1.4	-1.9	-2.3	-3.8	1.9	1142878	-4.8	
29	110.3	1433.9	-1.8	-2.1	-2.4	-3	1.9	1107806	-4.7	
29	110	1434	-1.6	-1.9	-2.7	-3.2	2.2	1074822	-4.7	
29	109.7	1434.2	-2	-1.4	-2.9	-3.5	2.7	1045309	-4.7	
29	109.4	1434	-2.6	-1.8	-3.3	-3.9	3	1018362	-4.3	
29	109.1	1434	-3.5	-2.3	-3.6	-3.8	3.4	994185	-3.9	
29	108.8	1434	-3.4	-1.5	-3.8	-4.4	3.6	973386	-4.3	
29	108.5	1434	-3	-0.1	-3.9	-3.6	4	956489	-4.1	
29	108.2	1434.1	-3.9	-1.5	-4.1	-3.5	4.4	942708	-3.6	
29	107.9	1434.1	-4.7	-2.3	-4.4	-4	4.6	930144	-2.7	
29	107.6	1434.2	-4.6	-2.6	-4.6	-3.6	4.8	918313	-2	
29	107.3	1434.1	-4.7	-3.5	-5.1	-3	5	906780	-1.2	
29	107	1434.1	-5	-4.9	-5.2	-2.5	5.1	895149	-0.3	
29	106.7	1433.9	-5.5	-4.6	-5.4	-1.9	5.2	881581	0.7	
29	106.4	1433.8	-5.2	-5.9	-5.4	-1.6	5.1	865188	1.1	
29	106.1	1433.4	-5.5	-5.9	-5.3	-1.6	4.6	846988	1.7	
29	105.8	1433.5	-6.6	-7.3	-5.2	-2	4.4	828554	2.1	
29	105.5	1433.9	-5.1	-5.6	-4.7	-1	4.1	809337	1.5	
29	105.2	1434.1	-4.4	-4.9	-4.3	-1.3	3.8	789798	0.6	
29	104.9	1434.2	-3.9	-4.1	-4	-1.9	3.5	770329	-0.4	
29	104.6	1434.3	-3	-3.8	-3.8	-1.8	3.3	751528	-1.5	
29	104.3	1434.2	-2.3	-2.9	-3.7	-2.2	3.2	733365	-2.5	
29	104	1434.1	-1.6	-2.1	-3.8	-2.8	3.2	716549	-3.6	
29	103.7	1434.2	-1.4	-0.8	-3.3	-3.3	3.2	700956	-4.7	
29	103.4	1434.6	-1	-0.6	-3.2	-3.2	3.3	687154	-6	
29	103.1	1434.9	-0.5	-0.6	-3.4	-4.7	3.4	674101	-7	
29	102.8	1434.9	-0.4	-0.3	-3.4	-5.8	3.3	661953	-8	
29	102.5	1435.3	-0.1	0.4	-3.2	-6	3.4	650437	-8.5	
29	102.2	1435.4	-0.5	-0.4	-3.2	-6.7	3.5	639511	-8.8	
29	101.9	1435.5	0.3	0.7	-3.1	-6.6	3.6	628945	-9.2	
29	101.6	1435.5	0.4	1.2	-3.1	-6.6	3.8	618540	-9.7	
29	101.3	1435.2	-0.1	1.3	-3.9	-7.9	4.4	608474	-9.7	
29	101	1435.5	-1	0.1	-4.3	-8.2	5	598388	-9.4	
29	100.7	1435.8	-0.5	0.4	-4.6	-7.8	5.5	588465	-9	
29	100.4	1435.9	-0.8	0.1	-5	-7.4	6.1	578387	-8.4	
29	100.1	1436	-1.3	0.9	-5.4	-6.9	6.6	568339	-7.3	
29	99.8	1435.9	-2.1	-0.6	-5.9	-6.3	7	558634	-6.3	
29	99.5	1435.9	-2.4	-0.7	-6.1	-5.9	7.4	549688	-5.5	
29	99.2	1435.5	-3.8	-2.7	-6.5	-6.3	7.5	541163	-4.1	
29	98.9	1435.3	-2.4	-0.7	-6.5	-3.5	7.2	533442	-3.2	
29	98.6	1435	-3.3	-1.8	-6.7	-2.7	6.7	526203	-1.5	
29	98.3	1434.9	-2.8	-1.3	-6.8	-0.8	6.4	519802	-0.3	
29	98	1434.6	-3.2	-1.8	-7	-0.5	6.2	514059	0.9	
29	97.7	1434.4	-3.3	-1.5	-7.1	1	6.1	508812	2.1	
29	97.4	1434.2	-3.7	-2.1	-7.1	2.4	6	503914	3	
29	97.1	1433.6	-4.4	-2.4	-7.6	2.4	5.9	499347	4.2 curva	
29	96.8	1433.6	-3.7	-1.1	-7.8	3.3	6.2	494863	4	
29	96.5	1433.9	-4.2	-0.7	-7.7	1.8	6.7	490573	3.5	
29	96.2	1434.5	-3.2	0.2	-7.3	2.2	7	486243	2.5	
29	95.9	1434.7	-4.1	-1.1	-7.1	0.4	7	481436	1.6	
29	95.6	1434.8	-2.7	1.2	-7	-1.1	7	476397	-0.7	
29	95.3	1434.8	-3	1.7	-7.1	-2.5	7.1	470932	-1.9	
29	95	1434.8	-4	0.6	-7	-3.6	7.1	465074	-2.7	
29	94.7	1434.8	-2.8	1.9	-6.5	-3	7	458958	-4.1	
29	94.4	1434.8	-2.1	2.9	-6.4	-4.9	7	452706	-5.8	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
29	94.1	1434.6	-2.5	3	-6.4	-5.6	6.9	446337	-6.2	
29	93.8	1434.6	-2.6	2.6	-6.6	-6.4	6.9	439959	-6.7	
29	93.5	1434.8	-3	2.5	-6.4	-6.7	6.7	433672	-7	
29	93.2	1435	-1.5	5.1	-6.2	-6.5	6.8	427561	-7.3	
29	92.9	1435.1	-1.5	3.6	-6.3	-6.1	6.8	421706	-7.1	
29	92.6	1435.1	-2.4	2	-6.5	-5.6	7	416008	-6.2	
29	92.3	1434.9	-3.4	0.5	-6.9	-6.2	7.1	410624	-5.2	
29	92	1434.8	-2.4	0.6	-7	-5.6	7.1	405377	-5.1	
29	91.7	1434.4	-2	0.3	-7.2	-4.6	7.2	400339	-4.5	
29	91.4	1434.1	-2.7	-1.1	-7.5	-4.5	7.3	395499	-3.9	
29	91.1	1434.2	-2.5	-1.1	-7.6	-3.6	7.6	391286	-3.3	
29	90.8	1434.1	-1.8	-0.8	-8	-3.2	7.8	387520	-3	
29	90.5	1434.3	-2	-1.5	-8.2	-3.3	8.1	384037	-2.6	
29	90.2	1434.4	-2.1	-1.7	-8.3	-2	8.3	380963	-2	
29	89.9	1434.6	-2	-1.9	-8.4	-1.3	8.6	378074	-1.8	
29	89.6	1434.5	-1.7	-1.2	-8.6	-1.8	8.8	375363	-1.9	
29	89.3	1434.3	-1.3	-1.6	-8.8	-1.8	9	372889	-2	
29	89	1433.9	-1.6	-2	-9	-1.3	9	370448	-1.9	
29	88.7	1433.7	-1.4	-1.3	-9.3	-1.2	9	367522	-2	
29	88.4	1433.6	-1.7	-0.7	-9.2	-2	8.9	364008	-2.1	
29	88.1	1433.7	-1	-0.5	-9.3	-1.7	8.9	360188	-2.4	
29	87.8	1433.6	-1.8	-1	-9.4	-2.4	8.8	356327	-2.2	
29	87.5	1433.8	-1.5	-0.2	-9.6	-2	8.8	352428	-2.3	
29	87.2	1433.8	-1.1	1	-9.8	-2.3	8.8	348614	-2.7	
29	86.9	1433.7	-1	1.4	-10.1	-2.7	8.9	344882	-2.8	
29	86.6	1433.6	-1.8	2	-10.1	-3	8.9	341451	-2.5	
29	86.3	1433.7	-1.8	0.6	-10	-3	8.9	338635	-2.7	
29	86	1433.7	-1.9	1.4	-10	-3.1	8.9	336188	-2.9	
29	85.7	1433.8	-1.4	1.4	-10.2	-3.2	9	333989	-3.1	
29	85.4	1434	-1.2	2	-10.1	-2.9	9.2	331977	-3.4	
29	85.1	1434.5	-1.6	1.7	-9.9	-3.3	9.4	330145	-3.4	
29	84.8	1435	-1.2	2.5	-9.5	-3.5	9.5	328333	-3.6	
29	84.5	1435.5	-0.9	3.5	-9	-3.7	9.6	326388	-4	
29	84.2	1435.8	-1	2.7	-8.5	-3	9.8	324366	-4.1	
29	83.9	1436	-1.7	2.5	-8.5	-3	10	322170	-3.9	
29	83.6	1436.1	-1.7	1.5	-8.4	-3.2	10.1	319759	-3.9	
29	83.3	1436.4	-1.5	2.6	-8.2	-3.6	10.2	317096	-4.1	
29	83	1436.3	-1.5	1.2	-8.5	-3.8	10.2	314335	-4.1	
29	82.7	1436.3	-1.9	1.1	-8.6	-4.2	10.1	311482	-4.3	
29	82.4	1436.2	-1.4	2.6	-8.8	-4	10	308636	-4.3	
29	82.1	1436.1	-1.4	1.4	-9.3	-4.2	10.1	305841	-4.5	
29	81.8	1435.5	-2.5	-0.4	-9.9	-5.2	10.1	303008	-4.1	
29	81.5	1435.4	-3.3	-0.8	-10.2	-5.2	10.2	300271	-3.7	
29	81.2	1435.1	-2.9	-0.3	-10.6	-5	10.1	297540	-3.7	
29	80.9	1435	-2.7	0.3	-11	-4.7	10.2	294941	-3.6	
29	80.6	1435.1	-2.4	-0.9	-11.1	-4.5	10.4	292388	-3.9	
29	80.3	1435.1	-2.4	-0.9	-11.1	-4	10.5	289918	-3.9	
29	80	1435	-2.3	0.1	-11.3	-3.5	10.8	287490	-3.5	
29	79.7	1435	-2.4	1	-11.3	-3.2	11	285219	-3.2	
29	79.4	1434.8	-1.8	0.6	-11.4	-2.3	11.1	283059	-3.1	
29	79.1	1434.7	-1.9	0.1	-11.6	-1.4	11.2	281046	-2.9	
29	78.8	1435.1	-1.4	1.3	-11.7	-1.2	11.7	279061	-2.7	
29	78.5	1435.3	-1.7	0.8	-12	-1.6	12.2	277140	-2.4	
29	78.2	1435.2	-2.1	-0.3	-12.3	-1.7	12.5	275282	-2.2	
29	77.9	1435	-2.7	-0.7	-12.5	-2.9	12.5	273520	-2.5	
29	77.6	1434.7	-3.2	-1.1	-12.8	-3.3	12.6	271780	-2	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
29	77.3	1434.6	-3.3	-1.3	-12.8	-3.4	12.5	270063	-2.3	
29	77	1434.6	-2.7	-1	-12.6	-3.6	12.4	268332	-2.6	
29	76.7	1434.8	-3.5	-2.2	-12.5	-4.4	12.3	266590	-3.1	
29	76.4	1435	-2.8	-1.2	-12	-5.1	11.8	264769	-3.4	
29	76.1	1435.1	-2.4	-1	-11.8	-4.1	11.5	262941	-3.4	
29	75.8	1435	-2.8	-1.1	-11.5	-4.8	11.1	261105	-3.6	
29	75.5	1435	-2.3	-1.3	-11.1	-4.1	10.8	259390	-4	
29	75.2	1434.8	-1.4	0.4	-11	-3.7	10.6	257730	-4.2	
29	74.9	1434.7	-1.9	-0.4	-11.2	-3.7	10.6	256216	-4.1	
29	74.6	1434.9	-1.5	-0.4	-11.1	-3.6	10.8	254813	-4.1	
29	74.3	1435.2	-2.4	-1.4	-11.2	-4.2	11	253579	-4.2	
29	74	1435.4	-0.8	1	-11.3	-3.2	11.3	252600	-4.3	
29	73.7	1435.6	-1.6	0.2	-11.8	-3.5	11.8	251780	-3.9	
29	73.4	1435.6	-1.2	0.7	-12.2	-3.1	12.2	251055	-3.9	
29	73.1	1435.7	-1.7	-0.3	-12.6	-3.5	12.6	250395	-3.7	
29	72.8	1435.7	-0.7	0.5	-12.9	-2.8	12.9	249708	-3.6	
29	72.5	1436	-1.4	0.2	-12.7	-3.3	13.2	248907	-3.4	
29	72.2	1435.8	-1.4	-0.2	-12.9	-2.9	13.3	248022	-3.1	
29	71.9	1436	-1.3	-0.4	-13	-2.2	13.5	247144	-3	
29	71.6	1435.9	-1	0	-13	-2.8	13.5	246127	-2.8	
29	71.3	1436.1	-1.6	0.1	-13	-2.8	13.7	245119	-2.7	
29	71	1436.1	-1.1	0.6	-13.1	-2.6	13.8	244090	-2.9	
29	70.7	1436.4	-1.6	-0.1	-13	-2.9	14	242985	-3.2	
29	70.4	1436.6	-1.5	0	-13	-3.6	14.2	241835	-3.1	
29	70.1	1436.4	-1.1	0.8	-13.5	-2.7	14.4	240667	-3.2	
29	69.8	1435.9	-1.7	-0.3	-13.9	-3.3	14.4	239593	-2.9	
29	69.5	1435.7	-1.8	-0.4	-14.4	-3.5	14.4	238502	-2.9	
29	69.2	1435.5	-1.1	1.4	-14.5	-3.5	14.3	237447	-3	
29	68.9	1435.3	-1.4	1.9	-14.7	-3.2	14.3	236428	-2.9	
29	68.6	1435.2	-1.7	1.2	-14.5	-3.4	14.2	235524	-2.7	
29	68.3	1435	-2	0.7	-14.5	-3.1	14	234811	-2.8	
29	68	1435	-1.3	1.1	-14.5	-2.8	13.8	234286	-3.1	
29	67.7	1435	-1.7	0.7	-14.3	-3	13.7	233893	-2.8	
29	67.4	1435	-1.2	1.1	-14	-1.8	13.7	233658	-2.6	
29	67.1	1435.3	-1.1	1.3	-13.7	-1.8	13.8	233528	-2.7	
29	66.8	1435.5	-0.2	1.6	-13.5	-2.1	14	233502	-3.1	
29	66.5	1435.3	-0.5	1.4	-13.8	-1.3	14.3	233554	-3	
29	66.2	1435	-1	0.4	-14.1	-2.2	14.4	233554	-3.1	
29	65.9	1434.7	-1.8	-0.1	-14.5	-2.7	14.5	233502	-3	
29	65.6	1434.7	-1.7	0.4	-14.3	-2.9	14.3	233294	-3.1	
29	65.3	1434.8	-1.9	0.8	-14.5	-3.4	14.4	232956	-3.2	
29	65	1434.7	-2.2	1	-14.7	-4.1	14.2	232491	-3.4	
29	64.7	1434.6	-2.1	1.2	-15.1	-4.2	14	231924	-3.5	
29	64.4	1434.6	-1.2	1.5	-14.9	-4.4	13.6	231309	-4.2	
29	64.1	1434.3	-3	0.5	-14.6	-5.9	13	230647	-3.9	
29	63.8	1434.3	-2	0.8	-14	-4.7	12.7	229963	-4.1	
29	63.5	1434.3	-2.2	0.2	-13.5	-4.1	12.5	229333	-3.9	
29	63.2	1434.5	-2.4	0.4	-13.1	-4.7	12.4	228807	-3.9	
29	62.9	1434.9	-1.7	0.6	-12.9	-4	12.5	228383	-4.1	
29	62.6	1435.5	-1.8	-0.4	-12.5	-3.5	12.8	228035	-4.1	
29	62.3	1436	-1.7	0.2	-11.8	-3.2	13	227762	-3.9	
29	62	1436.2	-1.8	-0.3	-11.5	-3	13.1	227539	-3.6	
29	61.7	1436.6	-1.6	0.8	-11.3	-1.4	13.6	227415	-3.4	
29	61.4	1436.2	-1.8	-1	-11.8	-2.1	13.7	227317	-3	
29	61.1	1435.9	-2.2	-0.6	-12.2	-1.6	13.7	227243	-2.5	
29	60.8	1435.7	-1.5	-0.3	-12.9	-0.2	14.1	227169	-2.5	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
29	60.5	1435.7	-1.7	0	-13.5	-1.3	14.5	227095	-2.6	
29	60.2	1435.6	-2.7	-2	-14.3	-1.9	14.7	227070	-2.4	
29	59.9	1434.9	-2.7	-1.3	-15.4	-2.2	14.7	227045	-2.4	
29	59.6	1434.6	-3.6	-2.2	-16.1	-3.2	15	227021	-2.5	
29	59.3	1434.3	-4.2	-2.9	-16.6	-3.8	15	226972	-2.7	
29	59	1434.3	-3.3	-2.3	-16.5	-2.9	15	226947	-2.6	
29	58.7	1434.5	-3.9	-2.3	-16.2	-4	15.1	226898	-3	
29	58.4	1434.6	-5.2	-4.1	-16	-5.8	14.9	226849	-2.7	
29	58.1	1434.6	-4.2	-2.6	-15.6	-4.7	14.5	226775	-2.4	
29	57.8	1434.9	-4.5	-3	-14.7	-3.5	14	226677	-2.4	
29	57.5	1435.2	-4.1	-3	-13.5	-3.4	13.5	226530	-2.5	
29	57.2	1435.2	-4	-2.3	-12.9	-3.1	13	226383	-2.3	
29	56.9	1435.2	-4.7	-2.9	-12.2	-3.7	12.5	226236	-2.1	
29	56.6	1435.4	-4.2	-3.1	-11.8	-3.8	12.1	226138	-2.1	
29	56.3	1435.4	-3.6	-2.2	-11.6	-2.7	11.8	226114	-2.3	
29	56	1435.6	-2.8	-1.1	-11.4	-2	11.7	226138	-2.8	
29	55.7	1435.7	-2.1	-0.1	-11.4	-2.7	11.9	226187	-3.5	
29	55.4	1435.5	-4.1	-2.8	-11.8	-3.5	12.1	226285	-2.5	
29	55.1	1435.5	-3.6	-1.9	-12.1	-3	12.4	226481	-2.5	
29	54.8	1435.6	-2.7	-1.5	-12.5	-2.2	12.8	226628	-2.6	
29	54.5	1435.6	-1.9	-0.8	-12.6	-2	13.2	226726	-3.5	
29	54.2	1435.8	-1.7	-1.5	-12.7	-2.1	13.6	226701	-3.9	
29	53.9	1435.9	-2.5	-2	-13	-3.2	14	226505	-3.7	
29	53.6	1436	-2	-1	-13.3	-3.7	14.3	226187	-3.6	
29	53.3	1435.8	-1.6	0.2	-13.5	-3.1	14.3	225821	-3.5	
29	53	1435.5	-1.7	0	-13.7	-1.8	14.3	225359	-3.1	
29	52.7	1435.3	-2	-0.1	-13.9	-1	14.3	224900	-2.3	
29	52.4	1435.3	-2.2	0	-14.2	-1.5	14.3	224466	-1.6	
29	52.1	1434.8	-2.1	0	-14.4	-1	14.2	224081	-1.4	
29	51.8	1434.5	-2.9	-1.7	-14.5	-1.4	14	223722	-0.9	
29	51.5	1434.4	-2.3	0.7	-14.4	0.1	13.9	223483	-0.5	
29	51.2	1434.4	-1	1	-14.6	0.4	14	223245	-1.5	
29	50.9	1434.3	-1.9	0.3	-14.7	-1.4	14.1	223007	-1.9	
29	50.6	1434.4	-1.9	0.5	-14.7	-1.6	14.3	222889	-2.3	
29	50.3	1434.4	-3	-1.3	-14.7	-1.7	14.3	222936	-1.8	
29	50	1434.7	-1.8	0	-14.7	-1.1	14.5	223031	-2.3	
29	49.7	1434.4	-3	-1.3	-14.9	-2.2	14.5	223221	-2.1	
29	49.4	1434.3	-3	-1.2	-15	-1.9	14.6	223579	-2.3	
29	49.1	1433.9	-3.3	-1.7	-15.3	-2.8	14.4	224009	-2.5	
29	48.8	1434	-3.8	-2	-15.4	-3.8	14.5	224466	-2.3	
29	48.5	1434	-3.1	-0.9	-15.2	-3.5	14.4	224972	-2.8	
29	48.2	1434.1	-3.4	-1.9	-15	-4.1	14.3	225456	-3	
29	47.9	1434.2	-4.1	-2.4	-14.7	-3.9	14.2	225846	-2.8	
29	47.6	1434.5	-3.7	-1	-14.5	-4.2	14.3	226089	-2.7	
29	47.3	1434.7	-3.8	-1.1	-14.2	-3.8	14.3	226163	-2.9	
29	47	1434.9	-3.8	-0.2	-14.1	-4.1	14.4	226089	-3.1	
29	46.7	1435.2	-3.7	0.5	-13.6	-3.8	14.4	225870	-3.4	
29	46.4	1435.4	-3.5	-0.2	-13.4	-3.5	14.4	225529	-3.6	
29	46.1	1435.3	-3	0.9	-13.4	-3.9	14.3	225141	-4	
29	45.8	1435.3	-2.8	2.4	-13.3	-3.8	14.3	224779	-4.4	
29	45.5	1435.1	-3.1	1.1	-13.5	-4	13.9	224490	-4.5	
29	45.2	1434.8	-2.7	1.8	-13.6	-3	13.6	224321	-3.9	
29	44.9	1434.9	-2.7	1.4	-13.6	-2.9	13.6	224273	-3.6	
29	44.6	1434.9	-2.7	1.3	-13.6	-2	13.6	224345	-3.1	
29	44.3	1434.9	-3.3	1.4	-13.8	-2.1	13.7	224514	-2.3	
29	44	1434.7	-3.4	0.8	-14.1	-1.2	13.8	224706	-1.4	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
29	43.7	1434.8	-3	0.6	-14.3	-1	14	224948	-1.2	
29	43.4	1434.6	-3.4	-0.6	-14.6	-1.2	14	225214	-1.1	
29	43.1	1435.1	-3.1	-1	-14.5	-0.8	14.3	225432	-0.9	
29	42.8	1435.2	-3.4	0.7	-14.3	0.1	14.4	225554	-0.3	
29	42.5	1435.1	-2.9	0.7	-14.8	0.1	14.6	225627	-0.2	
29	42.2	1434.9	-3.7	-1	-14.9	-1.2	14.6	225651	-0.4	
29	41.9	1434.7	-3.3	-1.4	-15	-0.9	14.6	225699	-1	
29	41.6	1434.7	-3.7	-2	-14.7	-1	14.6	225748	-1.4	
29	41.3	1434.9	-3.3	-0.8	-14.9	-2.3	14.7	225894	-2.3	
29	41	1435.1	-3.8	-1.8	-14.7	-3	14.7	226187	-2.8	
29	40.7	1435.4	-3.3	-1.7	-14.7	-3.4	14.6	226628	-3.6	
29	40.4	1435.4	-4.9	-3.2	-14.6	-4.8	14.3	227243	-3.5	
29	40.1	1435.6	-3.8	-1.8	-14.5	-4.2	14.3	227985	-3.5	
29	39.8	1435.4	-3	-0.8	-14.3	-3.2	13.9	228907	-3.9	
29	39.5	1435.3	-3.4	-1.3	-13.9	-4.1	13.5	229912	-3.7	
29	39.2	1435	-4.8	-1.9	-13.7	-4.4	13.2	230952	-2.8	
29	38.9	1435.4	-3.5	-1.2	-13.4	-3.8	13.1	231924	-3.3	
29	38.6	1435.5	-3.8	-2.8	-13.2	-3.2	13	232878	-3.1	
29	38.3	1435.9	-3.9	-2	-12.7	-4	12.9	233762	-3.2	
29	38	1436.2	-3.8	-1.9	-12.3	-2.6	12.9	234600	-2.8	
29	37.7	1436.4	-3.3	-0.3	-12.3	-2	13	235392	-2.3	
29	37.4	1436.6	-3.7	-1.9	-12.2	-2.4	13.2	236295	-1.9	
29	37.1	1436.7	-2.7	0.3	-12.2	-1.7	13.3	237259	-2	
29	36.8	1436.4	-2.8	0.2	-12.4	-0.4	13.4	238285	-2	
29	36.5	1436.4	-2.7	0.6	-12.8	-1.8	13.5	239347	-2.4	
29	36.2	1436.2	-3.5	0.3	-13	-2	13.4	240419	-2.1	
29	35.9	1436	-2.8	0.3	-13.2	-2	13.2	241472	-2.3	
29	35.6	1435.9	-3.1	0.3	-13.3	-1.9	13.1	242507	-2.5	
29	35.3	1435.8	-3.3	0.8	-13.3	-2.4	12.8	243409	-2.6	
29	35	1435.8	-3.4	0.3	-13.2	-2.2	12.6	244119	-2.5	
29	34.7	1435.9	-2.5	1.3	-13.1	-1.9	12.5	244689	-2.8	
29	34.4	1435.8	-4	-0.2	-13	-2.8	12.5	245176	-2.3	
29	34.1	1436	-3.2	0.5	-13	-2.5	12.8	245665	-2.4	
29	33.8	1436.1	-3.4	0.1	-12.9	-2.4	13	246214	-2.6	
29	33.5	1436.2	-2.2	0.8	-12.9	-2.6	13.2	246853	-3.4	
29	33.2	1436	-3.6	-0.8	-13.1	-3.8	13.4	247524	-3.3	
29	32.9	1436.2	-3.7	-0.6	-13.2	-3.3	13.8	248346	-3.1	
29	32.6	1436.2	-3.7	-1	-13.2	-3.3	14	249292	-2.9	
29	32.3	1436.3	-4.1	-1.4	-13.3	-4.3	14.2	250425	-2.7	
29	32	1436.1	-4.2	-1.5	-13.1	-3.1	14	251689	-2.2	
29	31.7	1436.1	-3.5	-0.2	-13	-2.6	13.8	253027	-2.4	
29	31.4	1435.8	-3.7	-0.3	-12.9	-2.5	13.3	254473	-2.4	
29	31.1	1435.8	-3.1	-0.1	-12.8	-3.2	12.8	256060	-2.6	
29	30.8	1435.6	-3.2	0.2	-12.5	-2.6	12.3	257762	-2.4	
29	30.5	1435.4	-3.7	-0.6	-12.5	-2.7	11.8	259583	-2.2	
29	30.2	1435	-3.2	0.2	-12.4	-2.3	11.3	261463	-2.4	
29	29.9	1434.9	-2.4	0.5	-12	-1.5	10.8	263470	-2.8	
29	29.6	1434.6	-2.7	1	-11.7	-1.6	10.5	265474	-2.4	
29	29.3	1434.6	-3.5	-0.2	-11.6	-2.1	10.5	267475	-1.9	
29	29	1434.8	-3.8	-0.1	-11.2	-2	10.6	269472	-1.8	
29	28.7	1435.3	-2.8	0.5	-11	-1.6	10.8	271498	-2.1	
29	28.4	1435.7	-2.4	1.4	-10.7	-1.1	11	273520	-2.3	
29	28.1	1435.9	-2.8	0.5	-10.6	-1.6	11.1	275499	-2.5	
29	27.8	1436	-2.8	2.1	-10.2	-1.5	11.2	277397	-2.6	
29	27.5	1435.9	-3.3	0.5	-9.9	-3.2	10.9	279284	-3	
29	27.2	1435.4	-2.7	0.3	-10.2	-2.3	10.7	281159	-2.9	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
29	26.9	1435.3	-3.1	0.3	-10.2	-2	10.6	282983	-2.7	
29	26.6	1435.1	-3.5	1.3	-10.5	-2	10.5	284831	-2.6	
29	26.3	1435.2	-3.5	0	-10.6	-2.5	10.5	286624	-2.6	
29	26	1435.2	-4	-0.2	-10.8	-3.3	10.5	288401	-2.6	
29	25.7	1435.3	-3.6	0.3	-10.9	-3	10.6	290119	-2.8	
29	25.4	1435	-4.6	-0.8	-11.4	-3.4	10.7	291817	-2.3	
29	25.1	1435	-3.7	-0.4	-11.7	-2.6	11.1	293371	-2.4	
29	24.8	1435.2	-3.9	-0.2	-11.8	-2.7	11.6	294858	-2.5	
29	24.5	1435.3	-4.1	-1.4	-12	-3.1	11.9	296361	-2.5	
29	24.2	1435.3	-4.3	-1.5	-12.1	-2.9	12	298006	-2.6	
29	23.9	1435.3	-4.4	-1.7	-12.1	-3.7	11.9	299926	-2.7	
29	23.6	1435.3	-4.1	-0.6	-12	-2.8	11.8	302046	-3	
29	23.3	1435.4	-4	-1.2	-11.9	-3.3	11.7	304374	-3.4	
29	23	1435.4	-4.2	-1.1	-11.5	-3.4	11.5	306962	-3.5	
29	22.7	1435.4	-3.8	-0.5	-11.1	-3.9	11.2	309915	-3.7	
29	22.4	1435.5	-4.8	-1.4	-10.5	-4	10.8	313066	-3.3	
29	22.1	1435.6	-3.9	-1.4	-10	-2.8	10.4	316377	-3	
29	21.8	1435.7	-4.5	-0.5	-9.5	-2.5	10.2	319661	-2.4	
29	21.5	1435.8	-3.4	-0.2	-9.1	-1.8	9.9	322965	-2.4	
29	21.2	1435.8	-4.6	-1.2	-8.8	-2.6	9.6	326134	-2	
29	20.9	1435.9	-4.5	-2.3	-8.6	-2.7	9.3	329211	-2.1	
29	20.6	1435.8	-4.1	-0.5	-8.4	-2.2	8.9	332135	-2	
29	20.3	1435.6	-3.5	0.2	-8.3	-2.3	8.5	334897	-2.1	
29	20	1435.3	-4.2	-0.5	-8.5	-2.1	8.2	337597	-1.9	
29	19.7	1435	-4.1	0	-8.6	-2.4	7.9	340286	-1.7	
29	19.4	1434.7	-4.5	-0.3	-8.9	-2.6	7.6	343074	-1.6	
29	19.1	1434.7	-3.6	-0.1	-8.7	-2.7	7.4	346079	-1.8	
29	18.8	1434.7	-3.8	-0.1	-8.6	-2.5	7.3	349254	-1.8	
29	18.5	1435	-3.7	-0.6	-8.4	-2.2	7.3	352606	-1.8	
29	18.2	1435.2	-3.6	-0.4	-8.2	-2.2	7.4	356145	-1.7	
29	17.9	1435.5	-2.8	0.9	-8	-2.2	7.7	359817	-1.8	
29	17.6	1435.7	-3.2	0	-7.9	-2.1	7.9	363692	-1.9	
29	17.3	1435.9	-2.9	-0.5	-7.9	-2	8.2	367458	-2.1	
29	17	1436.2	-2.5	0.2	-7.6	-1.4	8.5	371105	-2.3	
29	16.7	1436.3	-2.1	1.4	-7.5	-1.9	8.6	374624	-2.6	
29	16.4	1436.3	-1.6	2.2	-7.6	-1.4	8.9	378142	-2.8	
29	16.1	1436.3	-2	0.8	-7.6	-1.9	8.9	381727	-3.1	
29	15.8	1436.2	-2	0.4	-7.7	-1.4	8.9	385380	-3	
29	15.5	1436.1	-1.2	1.6	-7.9	-1.4	8.9	389177	-3.1	
29	15.2	1436.1	-1.8	1	-8	-1.6	9	392975	-3	
29	14.9	1436.1	-1.8	1.5	-8.1	-1.9	9	397074	-3.1	
29	14.6	1436	-2.3	0.4	-8.3	-2.6	8.9	401490	-3.3	
29	14.3	1435.7	-2	1.1	-8.4	-3.2	8.6	406084	-3.6	
29	14	1435.4	-2.2	1.3	-8.5	-3	8.3	410946	-3.6	
29	13.7	1435	-2.7	0.8	-8.9	-3.2	8.1	415760	-3.7	
29	13.4	1434.8	-3.7	0.3	-9.1	-4.2	7.9	420435	-3.4	
29	13.1	1434.7	-2.9	0.7	-8.8	-3.7	7.6	425044	-3.7	
29	12.8	1434.5	-3.2	1.4	-8.9	-3.5	7.3	429667	-3.7	
29	12.5	1434.5	-3.1	0.6	-8.7	-3.6	7.2	433941	-3.8	
29	12.2	1434.6	-3.4	0.5	-8.5	-3.8	7.2	437843	-4	
29	11.9	1434.8	-2.7	1.4	-7.9	-3.9	7.2	441351	-4.4	
29	11.6	1434.9	-4	0.3	-7.6	-4.7	7.1	444536	-4.4	
29	11.3	1435.2	-4.4	0	-7	-4.5	7	447290	-4	
29	11	1435.7	-3.8	0.3	-6.3	-3.4	6.8	449982	-4.1	
29	10.7	1435.8	-4.6	-0.6	-6.1	-4.4	6.7	452706	-4	
29	10.4	1436.1	-5	-0.8	-5.6	-4.4	6.6	455364	-3.6	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
29	10.1	1435.9	-4.9	-1.1	-5.2	-3.9	6.3	458355	-3.5	
29	9.8	1435.7	-4.9	-0.1	-4.9	-3.3	5.9	461588	-3.3	
29	9.5	1435.3	-4.3	-0.4	-5	-3.2	5.5	464971	-2.8	
29	9.2	1435.3	-5.2	-0.7	-4.7	-3	5.2	468613	-2.4	
29	8.9	1435.4	-5.1	-1.7	-4.7	-1.9	5.1	472740	-1.5	
29	8.6	1435.5	-5.3	-0.7	-4.9	-1.9	5.1	477266	-0.5	
29	8.3	1435.7	-5.6	-1.1	-4.8	-0.9	5.1	482101	0.8	
29	8	1435.7	-5.2	-1.1	-4.9	0.1	5.1	487489	1.8	
29	7.7	1435.1	-5.9	-2.4	-5.5	0.6	5	493696	3.1	
29	7.4	1434.8	-6.4	-2.2	-5.7	0.7	5	500421	4.2	
29	7.1	1434.8	-5	-0.9	-5.6	1.7	5.1	507825	4	
29	6.8	1434.8	-5.1	-0.6	-5.8	0.9	5.3	515832	3.6	
29	6.5	1434.8	-4.9	-1.3	-5.7	0.4	5.3	524096	2.6	
29	6.2	1435	-3.9	-0.1	-5.5	-0.7	5.3	532899	0.9	
29	5.9	1435	-3.1	0.6	-5.5	-2.1	5.3	542004	-1.2	
29	5.6	1435	-2	1.6	-5.5	-2.8	5.3	551135	-3	
29	5.3	1435.2	-1.9	0.9	-5.1	-3.8	5.5	560129	-4.4	
29	5	1435.3	-0.8	2.4	-5.1	-4.8	5.6	569421	-6.3	
29	4.7	1435.3	-1.1	1.8	-5.3	-5.9	5.8	578706	-6.8	
29	4.4	1435.4	0.4	2.9	-5.5	-5.9	6	588465	-8	
29	4.1	1435	-0.2	1.9	-5.8	-6.3	5.9	598046	-7.8	
29	3.8	1434.9	0.7	2.3	-6.4	-5.4	6	607591	-7.6	
29	3.5	1434.8	1.2	3.2	-6.6	-4.8	6.2	617446	-7.3	
29	3.2	1434.8	0.9	2.9	-6.5	-4.3	6.3	627625	-6.2	
29	2.9	1434.6	0.9	2.1	-6.6	-2.9	6.2	637952	-5.2	
29	2.6	1434.7	1.7	3.5	-6.4	-1.2	6.4	648423	-4.7	
29	2.3	1434.7	0.9	2.7	-6.4	-0.4	6.5	659659	-3.4	
29	2	1434.9	1.8	4.1	-6.3	-0.1	6.6	671506	-3.5	
29	1.7	1435.1	1.6	3.6	-5.9	0.6	6.8	683787	-3.1	
29	1.4	1435.5	0.9	3.1	-5.5	0.3	7	696294	-2.6	
29	1.1	1435.3	0.6	3.3	-5.3	0.3	6.8	709507	-2.2	
29	0.8	1435.1	0	3.7	-5.3	0.2	6.5	722483	-1.9	
29	0.5	1434.7	-0.8	2.1	-5.2	0	6.2	735425	-1.7	
29	0.2	1434.1	-2.8	0.4	-5.1	-2.1	5.5	748037	-1.5	curva
28	999.9	1433.9	-3	0.1	-4.8	-2	5	759984	-1.5	
28	999.6	1433.7	-3.5	-0.1	-4.7	-2.8	4.6	770613	-1.6	
28	999.3	1433.3	-4.1	-1.4	-4.9	-3.6	4.1	778927	-1.7	
28	999	1433.1	-4.7	-0.7	-4.7	-4.5	3.5	785060	-2.1	
28	998.7	1432.9	-5	-0.6	-4.5	-4.7	3.1	791291	-2.2	
28	998.4	1433	-5.2	-1.4	-4.1	-5.1	2.9	799448	-2.5	
28	998.1	1432.9	-5.9	-1.3	-4	-5.4	2.6	809337	-2.4	
28	997.8	1432.6	-6.1	-1.1	-3.7	-4.9	2.3	820758	-2.3	
28	997.5	1432.7	-6	-1.1	-3.3	-4.2	2.2	833169	-2	
28	997.2	1432.8	-6.3	-1.4	-3.1	-4.4	2.1	847331	-1.8	
28	996.9	1433	-5.9	-1.6	-2.5	-3.5	2.1	863760	-1.7	
28	996.6	1433.1	-5.4	-0.2	-2.3	-2.9	2.2	883441	-1.7	
28	996.3	1433.3	-5.5	-0.4	-1.9	-2.8	2.3	905603	-1.6	
28	996	1433.3	-5.2	0.1	-2	-2.7	2.3	929318	-1.5	
28	995.7	1433.8	-4.9	0.7	-1.6	-1.9	2.5	954309	-1.4	
28	995.4	1433.9	-4.2	1	-1.7	-1.6	2.8	980681	-1.6	
28	995.1	1433.8	-4.5	1.4	-2	-2.4	2.9	1009038	-1.7	
28	994.8	1433.8	-3.9	2.5	-2.3	-2.4	3.1	1038568	-2.4	
28	994.5	1433.5	-4.1	0.9	-2.6	-3.2	2.9	1070426	-2.8	
28	994.2	1433.2	-3.7	1.4	-3.1	-3.6	2.9	1103718	-3.3	
28	993.9	1432.9	-3.5	1.4	-3.5	-3.3	2.8	1136673	-3.9	
28	993.6	1433	-2.7	1.2	-3.2	-4	2.6	1169694	-5	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
28	993.3	1433	-2.9	0.2	-3.3	-4.9	2.4	1203306	-5.6	
28	993	1433	-2.2	-0.2	-3.1	-5.2	2.2	1236711	-6.4	
28	992.7	1433.1	-1.5	0.4	-2.7	-5.2	2	1270481	-7.4	
28	992.4	1433.2	-1.5	-0.7	-2.2	-6.4	1.7	1308595	-8.6	
28	992.1	1433.4	-1.6	-0.5	-1.6	-6.8	1.6	1351680	-9.2	
28	991.8	1433.7	-1.4	-1.8	-1.3	-7.4	1.6	1400503	-9.9	
28	991.5	1433.8	-2.6	-2.4	-1.2	-8.8	1.6	1459060	-10	
28	991.2	1433.9	-2.3	-3	-1	-8.8	1.4	1529402	-10.1	
28	990.9	1434	-2.3	-3.5	-0.9	-8.2	1.5	1608104	-9.3	
28	990.6	1433.9	-2.6	-3.5	-1.1	-7.8	1.6	1696719	-8	
28	990.3	1433.8	-2.8	-3.7	-1.4	-6.9	1.8	1795670	-6.8	
28	990	1433.5	-3.4	-5.1	-2.1	-6	1.9	1896514	-5.2	
28	989.7	1433.4	-3.9	-4.8	-2.5	-4.8	2.1	1999762	-3	
28	989.4	1433.6	-4.1	-5.9	-3	-3.8	2.6	2102159	-1.5	
28	989.1	1434	-4.1	-5.7	-3	-1.8	3.1	2197010	0	
28	988.8	1434	-4.5	-5.4	-2.9	-1.3	3	2280774	0.7	
28	988.5	1433.9	-3.9	-4.5	-2.5	0	2.4	2357827	1.4	
28	988.2	1433.7	-3.5	-3.5	-2.1	0.5	1.9	2428945	1.5	
28	987.9	1433.8	-3.9	-3.1	-1.5	0.3	1.5	2492560	1.6	
28	987.6	1434.2	-3.6	-0.8	-0.5	0.8	1.2	2550244	1.4	
28	987.3	1434.2	-2.6	0.4	0	1.5	0.8	2604167	0.6	
28	987	1434.3	-2.2	1.3	0.5	1.1	0.4	2650317	-0.3	
28	986.7	1434.1	-2	2.1	0.4	0.9	-0.1	2698132	-0.8	
28	986.4	1434	-2.7	2	0.7	0.1	-0.5	2751315	-1.1	
28	986.1	1434	-2.6	2.4	0.6	-0.7	-0.6	2810403	-1.6	
28	985.8	1433.9	-2.4	2.8	0.4	-0.8	-0.6	2864228	-2	
28	985.5	1433.8	-2.3	3.6	0.1	-0.8	-0.6	2928322	-2.5	
28	985.2	1433.5	-2.6	3.5	-0.5	-1.6	-0.5	3003946	-2.8	
28	984.9	1433.5	-3	3	-0.7	-2.7	-0.3	3092689	-3	
28	984.6	1433.3	-3.1	3.2	-0.9	-3.5	-0.2	3206356	-3.2	
28	984.3	1433.5	-3.2	2.7	-0.9	-4.1	0.1	3328697	-3.7	
28	984	1433.7	-3.3	2.1	-0.7	-3.8	0.4	3466474	-3.8	
28	983.7	1434.2	-3.1	2.4	-0.5	-4.9	0.8	3616149	-4.3	
28	983.4	1434.5	-3.6	1.6	-0.5	-5.5	1.2	3779333	-4.3	
28	983.1	1434.7	-4	0.9	-0.5	-5.8	1.6	3988096	-3.9	
28	982.8	1434.7	-4	0.2	-0.3	-5.6	1.7	4238361	-3.9	
28	982.5	1434.7	-4	0.5	-0.2	-5.6	1.6	4541757	-3.9	
28	982.2	1434.6	-3.3	0.6	-0.1	-4.6	1.4	4880536	-3.8	
28	981.9	1434.5	-3.6	0.5	-0.2	-4.6	1.2	5287248	-3.3	
28	981.6	1434.1	-3.8	-0.1	-0.5	-4.2	0.8	5783840	-2.8	
28	981.3	1433.9	-2.5	1	-0.7	-3.4	0.4	6363982	-2.9	
28	981	1433.6	-2.4	0.3	-0.8	-2.9	0.1	6955980	-2.8	
28	980.7	1433.4	-2	0.9	-0.8	-2.3	-0.3	7504480	-2.8	
28	980.4	1433.2	-2.1	0.1	-0.6	-2.3	-0.6	7930871	-2.9	
28	980.1	1433.2	-1.6	-0.1	-0.4	-2.4	-0.7	8210785	-3.2	
28	979.8	1433.3	-1.8	-0.3	-0.2	-2.9	-0.7	8308532	-3.2	
28	979.5	1433.6	-1.4	0.2	-0.1	-2.2	-0.5	8308532	-3.3	
28	979.2	1434	-1.5	-0.1	0.3	-2.3	-0.2	8341634	-3.3	
28	978.9	1434.2	-0.8	1.8	0.4	-3	0	8511179	-3.7	
28	978.6	1434.1	-0.9	1.4	0.5	-3	0.1	8651860	-3.6	
28	978.3	1434.2	-0.9	1.4	0.5	-2.9	0.3	8723959	-3.4	
28	978	1434.2	-1.4	1.2	0.6	-2.8	0.4	8797269	-3.1	
28	977.7	1434	-0.7	2.1	0.4	-2.4	0.4	8834388	-2.9	
28	977.4	1433.8	-0.9	2.5	0.1	-1.8	0.5	8909575	-2.6	
28	977.1	1433.9	-1.3	2.6	-0.1	-2.2	0.7	9024785	-2.5	
28	976.8	1433.8	-1.1	3	-0.3	-1.8	0.7	9143013	-2.5	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
28	976.5	1433.8	-0.5	3.6	-0.6	-1.7	0.7	9183114	-2.7	
28	976.2	1433.4	-0.7	3.8	-1.1	-1.4	0.7	9103261	-2.6	
28	975.9	1433.4	-0.8	3.1	-1.4	-1.6	0.9	8947650	-2.7	
28	975.6	1433.1	-1.4	2.1	-1.7	-1.6	0.9	8797269	-2.7	
28	975.3	1433.2	-0.8	3.1	-1.6	-2.5	1	8651860	-3.3	
28	975	1433	-1.6	2	-1.5	-3.1	0.9	8545919	-3.3	
28	974.7	1432.9	-1.7	0.9	-1.4	-3	0.7	8511179	-3.6	
28	974.4	1432.9	-2	0.2	-1	-3.2	0.5	8476721	-3.6	
28	974.1	1433.1	-2.1	-0.1	-0.6	-3.9	0.4	8476721	-3.5	
28	973.8	1433.4	-2.9	-0.2	0	-4.1	0.3	8545919	-3.3	
28	973.5	1433.6	-2.9	-0.3	0.5	-4.7	0.1	8723959	-3.7	
28	973.2	1433.6	-3.5	-1.1	1.2	-5.1	-0.5	9063853	-3.9	
28	972.9	1433.6	-2.5	-0.2	1.4	-4.8	-0.9	9560502	-3.8	
28	972.6	1433.4	-2.8	-0.2	1.5	-4	-1.3	10163835	-3.5	
28	972.3	1433.3	-3.4	-0.4	1.5	-4.3	-1.5	10792526	-2.9	
28	972	1433.1	-3.6	-0.5	1.4	-3.8	-1.7	11441257	-2.3	
28	971.7	1432.9	-2.9	0.3	1.1	-2.6	-1.8	12172965	-1.9	
28	971.4	1432.8	-3.5	-0.2	0.9	-2.2	-1.7	12689394	-1.5	
28	971.1	1432.6	-2.9	0.2	0.2	-1.5	-1.4	12924383	-1.2	
28	970.8	1432.6	-3.3	0.3	-0.3	-1.1	-0.7	12924383	-1	
28	970.5	1432.9	-2.2	1.8	-0.6	-1.6	0.1	12612952	-1.6	
28	970.2	1433.3	-2.9	1.1	-0.9	-2.6	0.9	12102601	-1.9	
28	969.9	1433.7	-2.3	1.7	-1.2	-2.5	1.6	11567680	-2.6	
28	969.6	1433.9	-2.3	1	-1.6	-3.1	2.1	11078042	-3	
28	969.3	1434	-2.2	1.4	-1.9	-3.9	2.5	10737180	-3.4	
28	969	1433.9	-2.7	1.1	-2.1	-4.1	2.6	10574495	-3.6	
28	968.7	1433.9	-2.3	0.2	-2.1	-4.2	2.6	10521357	-3.8	
28	968.4	1433.5	-2.8	-0.4	-2.1	-4.6	2.2	10574495	-3.7	
28	968.1	1433.2	-1.8	0.2	-2	-3.9	1.7	10682398	-3.6	
28	967.8	1433.2	-1.5	0.6	-1.9	-3.3	1.4	10737180	-3.3	
28	967.5	1433.3	-1.5	0.1	-1.6	-3.4	1	10682398	-3.3	
28	967.2	1433.6	-0.8	1	-0.9	-2.8	0.5	10574495	-3.1	
28	966.9	1434	-0.5	0.9	-0.2	-2.6	0.1	10468750	-3	
28	966.6	1434.1	-0.9	0.6	0.2	-2.5	-0.2	10263481	-2.9	
28	966.3	1434.2	-0.8	0	0.4	-3.1	-0.3	9970238	-3.3	
28	966	1434.2	-0.5	0.4	0.4	-2.9	-0.2	9560502	-3.3	
28	965.7	1434.1	-0.8	0.1	0.5	-4	-0.2	9223568	-3.4	
28	965.4	1434	0	1.4	0.3	-3.7	-0.2	8909575	-3.8	
28	965.1	1434	-0.4	0.3	0.4	-4	-0.2	8723959	-3.9	
28	964.8	1434	0.1	1	0.2	-4	-0.2	8616255	-4.1	
28	964.5	1434.1	0.3	1.6	0	-4.3	-0.1	8580943	-4.1	
28	964.2	1434.2	0.1	1.2	0.1	-4.2	0.1	8651860	-3.8	
28	963.9	1434.4	0.4	0.9	0.1	-3.4	0.2	8834388	-3.7	
28	963.6	1434.5	1	1.7	0.1	-2.8	0.3	9143013	-3.5	
28	963.3	1434.5	1.5	2.3	0.2	-2.2	0.3	9517046	-3.4	
28	963	1434.6	1.4	2.8	0.1	-2.4	0.4	9693287	-3	
28	962.7	1434.4	1	1.8	-0.1	-2	0.4	9693287	-2.5	
28	962.4	1434.5	0.8	2.4	0	-1.9	0.4	9473982	-2.3	
28	962.1	1434.4	1.5	3.2	-0.1	-1.4	0.3	9063853	-2.2	
28	961.8	1434	2	4	-0.4	-0.9	0.1	8408635	-2.2	
28	961.5	1433.9	1.1	3.2	-0.5	-1.4	0.1	7697610	-1.9	
28	961.2	1434	1.1	4	-0.5	-1.5	0.1	7073480	-1.9	
28	960.9	1434	1.4	4.3	-0.4	-1.8	0.1	6542969	-2.1	
28	960.6	1434.1	1.6	5.1	-0.3	-2.1	0.1	6176254	-2.6	
28	960.3	1434.1	1.3	3.8	-0.2	-2.3	0.1	5948154	-2.8	
28	960	1434.3	0.7	3.5	0	-2.8	0.1	5881320	-3.1	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
28	959.7	1434.4	1.2	4.6	0.1	-3.2	0.1	5965100	-3.7	
28	959.4	1434.3	1.3	4.9	0.1	-4.1	0.1	6176254	-4.2	
28	959.1	1434.2	0.8	3.7	0	-4.4	0.1	6522586	-4.6	
28	958.8	1434.2	0.4	3.9	0	-4.8	0.1	6932947	-4.7	
28	958.5	1434	0.6	3.5	-0.1	-4.5	0	7320804	-4.9	
28	958.2	1434	0.7	4	-0.1	-4.8	0.1	7641424	-5	
28	957.9	1434	0.6	2.8	-0.1	-4.3	0.3	7841760	-5.2	
28	957.6	1433.9	-0.1	2.8	-0.5	-4.6	0.5	7991412	-5	
28	957.3	1434.1	-0.2	2.1	-0.5	-4.4	0.7	8052885	-5.1	
28	957	1434.2	0.3	2.6	-0.5	-4.1	0.9	8022031	-5.4	
28	956.7	1434.3	0.1	2.3	-0.6	-4.6	1.1	7930871	-5.7	
28	956.4	1434.2	-0.1	2.6	-0.8	-4.4	1.3	7871241	-5.7	
28	956.1	1434.2	-0.9	1.4	-1.1	-5.1	1.6	7900944	-5.7	
28	955.8	1433.9	-0.6	2.2	-1.5	-4.6	1.7	8052885	-5.7	
28	955.5	1433.6	-1.9	-0.1	-1.9	-5.9	1.7	8243110	-5.4	
28	955.2	1433.4	-1.8	-0.3	-1.8	-5.3	1.5	8442541	-5	
28	954.9	1433.3	-3	-1.5	-1.5	-5.5	1.2	8616255	-4.1	
28	954.6	1433.3	-3.3	-2.5	-1.2	-6	0.8	8797269	-3.6	
28	954.3	1433.3	-2.9	-2.4	-0.8	-4.6	0.3	8986052	-2.7	
28	954	1433.3	-3.2	-2.3	-0.6	-4.2	-0.1	9143013	-1.9	
28	953.7	1433.4	-3.6	-2.8	-0.2	-3.3	-0.5	9305556	-0.7	
28	953.4	1433.4	-4	-3.5	0.1	-2.4	-0.8	9517046	0.7	
28	953.1	1433.6	-3.4	-2.6	0.4	-1.1	-0.9	9783879	1.2	
28	952.8	1433.5	-2.9	-2.9	0.2	0	-0.9	10468750	1.4	
28	952.5	1433.1	-3	-2.6	-0.2	-0.1	-0.8	11256721	1.7	
28	952.2	1433.2	-2.2	-2.3	-0.2	0.7	-0.5	12244152	1.4	
28	951.9	1433.4	-2	-2.3	-0.5	-0.2	0.1	13168239	0.7	
28	951.6	1433.8	-1.6	-1.7	-0.4	-0.6	0.5	14146960	-0.1	
28	951.3	1434	-1	-1.4	-0.4	-1.2	0.7	15625000	-1.2	
28	951	1434.3	-1.1	-2.1	-0.5	-1.9	1	17161885	-1.7	
28	950.7	1434.6	-0.2	-1.7	-0.6	-1.6	1.2	18206522	-2.8	
28	950.4	1435	-1.2	-2.6	-0.4	-4.1	1.4	18206522	-3.6	
28	950.1	1434.9	0.7	-0.3	-0.4	-2.9	1.3	17303719	-4.5	
28	949.8	1434.6	0.3	-0.5	-0.5	-4.2	1.1	17161885	-5.1	
28	949.5	1434.3	0.7	-0.8	-0.6	-4.4	0.9	17303719	-6	
28	949.2	1434.1	1	-1	-0.6	-4.7	0.7	17594538	-6.6	
28	948.9	1434	1.7	0.6	-0.6	-4.8	0.7	17594538	-7.3	
28	948.6	1434.2	2.2	1.1	-0.6	-5	1	17447917	-7.8	
28	948.3	1434.3	0.7	-0.7	-0.6	-6.7	1	16885081	-7.8	
28	948	1434.6	1.5	-0.1	-0.5	-5.3	1	16486221	-7.8	
28	947.7	1434.8	1.2	-0.1	-0.1	-6	0.9	16357422	-7.3	
28	947.4	1434.7	1.1	0.4	0	-5.2	0.8	15282847	-6.5	
28	947.1	1434.5	0.3	-0.9	0.4	-4.5	0.6	14146960	-5.1	
28	946.8	1434.2	-0.2	-1.5	0.5	-3.5	0.4	13085938	-4.1	
28	946.5	1433.8	-0.7	-1.5	0.4	-3.2	0	12244152	-3	
28	946.2	1433.3	0	-0.4	0.2	-1.7	-0.4	11567680	-2	
28	945.9	1433.2	-0.5	-1.1	0.2	-0.2	-0.7	11136968	-1	
28	945.6	1433.1	-0.8	-1.5	-0.1	-0.1	-0.8	10792526	-0.4	
28	945.3	1433.1	-0.9	-1.5	-0.2	-0.1	-0.8	10314040	-0.4	
28	945	1433.2	-0.8	-0.7	-0.2	-0.3	-0.7	9648618	-0.7	
28	944.7	1432.8	-1.2	-1	-0.5	-0.9	-0.7	8871822	-1.2	
28	944.4	1432.6	-2.6	-2.9	-0.6	-2.4	-0.6	8146887	-1.5	
28	944.1	1432.7	-2.7	-2.8	-0.3	-3	-0.3	7424646	-1.9	
28	943.8	1432.8	-2.8	-2.7	0.2	-3.6	-0.2	6754032	-2.7	
28	943.5	1433.1	-3.2	-2.3	0.6	-5.1	-0.2	6212908	-3.4	
28	943.2	1433.4	-3.6	-3	1	-5.7	-0.3	5783840	-3.8	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
28	942.9	1433.5	-3.6	-1.7	1.4	-6.6	-1	5509869	-4.7	
28	942.6	1433.6	-3.5	-1.7	1.1	-6.6	-1	5368590	-4.7	
28	942.3	1433.5	-3.4	-0.4	1	-6.5	-1.1	5314087	-4.7	
28	942	1433.4	-3.1	0.2	0.6	-5.4	-0.9	5396263	-4.8	
28	941.7	1432.8	-2.6	0.3	0	-5.2	-1	5598262	-5	
28	941.4	1432.3	-3.9	-0.7	-0.4	-5.8	-1.3	5897888	-4.4	
28	941.1	1432.2	-2.4	1.2	-0.9	-4.2	-1.1	6250000	-4.1	
28	940.8	1432.4	-2.7	1.3	-1.4	-3.5	-0.6	6667994	-3.1	
28	940.5	1433.2	-2.6	0.8	-1.1	-1.8	0.1	7073480	-1.5	
28	940.2	1433.8	-2.4	0.5	-1	-0.3	0.7	7477679	-0.5	
28	939.9	1434.4	-1.9	1.1	-0.4	0.5	0.2	7726015	-0.2	
28	939.6	1434.7	-2.5	-0.3	-0.1	0.1	0	7783457	0.3	
28	939.3	1434.8	-2.1	-0.1	0.4	0.7	-0.1	7697610	0.6	
28	939	1435.1	-2.1	-0.5	0.6	2.2	0.1	7669414	1.1	
28	938.7	1435.3	-1.4	-0.4	0.5	2	0.2	7697610	0.7	
28	938.4	1435.3	-1	0.1	0	2.1	0.4	7871241	0	
28	938.1	1435	-0.9	-0.7	-0.9	1.2	0.4	8178711	-1	
28	937.8	1434.7	-1.7	-0.5	-1.4	0.5	0.4	8687760	-1.6	
28	937.5	1435.6	-1.7	-2.4	-1.3	-1.2	1.4	9517046	-2.1	
28	937.2	1436.3	-1.4	-1.7	-1.4	-2	1.8	10962042	-3.4	
28	936.9	1436.2	-1.8	-2.5	-2	-3.9	2.1	13595779	-4.5	Alcantarilla, inicio cambio de via
28	936.6	1436.5	-2.5	-3.5	-2	-4.6	2.2	18049569	-5.4	
28	936.3	1437	-3	-4.7	-2.1	-6.8	2.3		-6	
28	936	1437.4	-3.5	-5.7	-1.8	-8.6	2.3		-6.1	
28	935.7	1437.7	-3.7	-4.4	-1.2	-9.2	2.3		-6.4	
28	935.4	1437.6	-5.1	-6.6	-1.3	-10.4	2.6		-6.5	
28	935.1	1436.5	-3.3	-4.5	-2.9	-7.9	2.9		-6	
28	934.8	1437.1	-3.1	-4.2	-2.5	-9.2	3.1		-7	
28	934.5	1437.4	-2.7	-3	-1.6	-8.2	2.9		-7	
28	934.2	1437.5	-4.4	-4.2	-1.4	-9	2.8		-5.9	
28	933.9	1438.3	-2.9	-2.2	-0.7	-6.4	2.7		-5.7	
28	933.6	1438.4	-1.1	-1.1	-0.4	-3.9	2.2	19940476	-5.2	
28	933.3	1438.3	-0.9	-0.4	-0.2	-3.2	1.7	16617064	-4.7	
28	933	1437.9	-0.6	0.2	0.1	-1.7	0.9	14146960	-4.2	
28	932.7	1437.4	-1	-0.1	0.8	-1.7	0.1	11964286	-3.3	
28	932.4	1436.7	-0.3	0.5	0.1	-0.8	-0.4	10521357	-2.7	
28	932.1	1436	-1.2	0	-0.2	-1.2	-1.1	9473982	-2.3	
28	931.8	1435.8	-0.2	2.4	-0.4	0.8	-1.3	8760460	-2.3	
28	931.5	1435.6	-1.3	1.4	-1.1	0.6	-1.4	8243110	-2.3	
28	931.2	1435.7	-1.2	1.6	-1.3	-1.7	-1.3	7783457	-2.3	
28	930.9	1435.8	-1	2.2	-1.4	-1.5	-1.1	7477679	-2.3	
28	930.6	1436.2	-1.1	2.5	-1.2	-1.2	-0.6	7372359	-2.3	
28	930.3	1436.5	-1.9	1.7	-1	-1.6	-0.2	7451068	-2.2	
28	930	1437	-1.4	2.1	-0.7	-1.7	0.4	7613637	-2.4	
28	929.7	1437.2	-1.9	1.5	-0.4	-1.9	0.9	7586051	-2.6	
28	929.4	1437.5	-2.1	1	0	-2.8	1.2	7477679	-2.8	
28	929.1	1437.8	-5.5	-2.9	1	-6	0.8	7244810	-3.1	
28	928.8	1438.2	-2.5	1.4	1.5	-3.1	0.6	7073480	-3.3	
28	928.5	1438.3	-2.7	-0.3	1.8	-3.8	0.4	6910066	-3.6	
28	928.2	1438.2	-3.7	-1	2.2	-5	0	6754032	-4	
28	927.9	1438	-4	-1.4	2.3	-5.4	-0.5	6625791	-4.4	
28	927.6	1437.9	-3.9	-1.5	2.5	-5.7	-1.2	6584120	-4.7	
28	927.3	1437.4	-4	-2.1	2.7	-6	-2.1	6887336	-4.9	
28	927	1436.7	-4.1	-1.6	2.6	-6.3	-3.1	7372359	-5.2	
28	926.7	1436.4	-3.8	-1.7	2.3	-4.2	-3.4	8083977	-5	
28	926.4	1436.6	-4.2	-2.1	1.8	-5.1	-2.9	9063853	-4.8	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
28	926.1	1436.4	-4	-2.6	1.5	-5.7	-2.7	10314040	-4.6	
28	925.8	1435.9	-4.3	-3.3	1	-5	-2.6	12244152	-4.3	
28	925.5	1435.9	-4.2	-3.3	0.6	-4.2	-2	14955357	-3.8	
28	925.2	1436.1	-4.4	-2.7	0.3	-4.2	-1.3	19208716	-3.5	
28	924.9	1436.4	-3.8	-2.1	0.1	-3.2	-0.4		-3.1	
28	924.6	1436.9	-3.9	-2.5	0	-3	0.6		-2.9	
28	924.3	1437.2	-3.7	-1.9	-0.5	-2.5	1.6		-2.6	
28	924	1437.2	-5.2	-2.7	-0.4	-3.5	1.6		-2.4	
28	923.7	1436.9	-3.1	-0.1	-0.6	-0.7	1.8		-2.1	
28	923.4	1436.8	-3.4	0.1	-0.3	-0.6	1.9		-2.2	
28	923.1	1436.6	-3.5	0.2	-0.4	-0.5	1.9		-2.1	
28	922.8	1436.4	-3.4	1.7	-0.5	-0.4	1.7		-2.2	
28	922.5	1436.1	-3.3	0	-0.5	-0.3	1.4		-2.3	
28	922.2	1435.8	-3.5	-0.4	-0.8	-0.5	1.1		-2.3	
28	921.9	1435.8	-3.7	-1	-0.7	-1	0.9		-2.3	
28	921.6	1435.5	-4	0.4	-0.8	-0.3	0.5		-2.3	
28	921.3	1435	-4.9	-2	-1.5	-2.3	0.2		-2.2	
28	921	1434.6	-5.6	-4.5	-2.3	-3.6	0		-2.3	
28	920.7	1434.3	-6	-5.1	-1	-2.3	-0.2		-2.6	
28	920.4	1434.3	-5.9	-5.3	-1	-2.8	-0.2		-2.7	
28	920.1	1434	-6.7	-5.7	-1.3	-4.6	0.1		-2.7	
28	919.8	1434	-6.8	-6.5	-1.2	-4.7	0.3		-3	
28	919.5	1434.1	-6.3	-5.1	-1.2	-4.6	0.4		-3.3	
28	919.2	1434.3	-6.8	-6.6	-1.3	-5.1	0.8		-3.4	
28	918.9	1435.8	-6.6	-5.3	0.5	-4.9	0.8		-3.4	
28	918.6	1437	-5.3	-4.1	1.6	-2.9	0.9		-3.5	
28	918.3	1434.4	-9.1	-8.1	-0.9	-6.4	1.1		-3.5	
28	918	1434.7	-8.1	-7	-0.8	-5.7	1		-4	
28	917.7	1434.4	-6.2	-4.3	-0.8	-3.8	0.6		-4.4	
28	917.4	1434	-6.6	-5.2	-0.9	-4.1	0		-4.7	
28	917.1	1434	-6.2	-4.3	-1	-3.9	-0.2		-4.9	
28	916.8	1434.1	-6.2	-4.1	-1.1	-3.6	-0.4	18528761	-5.4	
28	916.5	1434.1	-5.3	0.2	-1.8	-3.5	-0.6	14146960	-6	
28	916.2	1434.3	-6.2	-3.7	-2.4	-4.9	-0.5	11567680	-6.2	
28	915.9	1434	-6.3	-3.6	-0.9	-3.1	-0.9	9517046	-5.9	
28	915.6	1434.6	-6.9	-3.2	-0.5	-3.1	-0.8	7961027	-5.5	
28	915.3	1435.2	-6.8	-2.8	0	-3.8	-0.5	6979167	-4.9	
28	915	1435.8	-7.5	-3.6	0.2	-3.4	0.1	6344697	-4.2	
28	914.7	1436.4	-8	-4	0.1	-2.9	0.8	5931303	-3.3	
28	914.4	1436.9	-9.1	-5	0	-3.5	1.3	5720629	-2.5	
28	914.1	1437.2	-9	-5.2	-0.2	-3.9	1.7	5720629	-2.3	
28	913.8	1437.4	-9.7	-5.5	-0.5	-3.6	1.9	5799862	-2	
28	913.5	1437.2	-9.2	-5.2	-0.9	-2	2.1	6051301	-1.3	
28	913.2	1437.1	-10.5	-6.2	-1.4	-2.8	2.1	6502329	-0.9	
28	912.9	1437.1	-9.7	-5.5	-1.4	-2.4	1.7	7170377	-1.2	
28	912.6	1436.9	-10.1	-5.7	-1.1	-3	1	7991412	-1.5	
28	912.3	1436.9	-10.5	-6.7	-0.4	-3.2	0.1	8947650	-1.6	
28	912	1437.1	-10	-6.1	0.7	-2	-0.8	10066106	-1.6	
28	911.7	1437.4	-9.5	-5.8	1.4	-2.1	-1.4	11256721	-2.1	
28	911.4	1437.7	-10	-4.8	1.9	-2.9	-1.7	12316177	-2.4	
28	911.1	1437.9	-10.7	-7.6	2.3	-4.2	-1.9	13168239	-2.7	
28	910.8	1438.2	-10.2	-6.8	2.8	-3.8	-2.1	13958333	-3.1	
28	910.5	1438.3	-10.2	-6.7	2.7	-4.5	-2	14340754	-3.4	
28	910.2	1438.1	-9.7	-6.3	2.2	-4.5	-1.7	14641608	-4.1	
28	909.9	1437.9	-9.8	-6.5	1.1	-4.7	-0.8	15395221	-4.4	
28	909.6	1437.5	-10.1	-6.6	-0.1	-4.4	0.4	16885081	-4.5	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
28	909.3	1437.6	-10	-6.3	-2.2	-5.4	1.2	19386574	-4.9	
28	909	1437.7	-9.3	-5.3	-3.8	-4.8	1.4		-4.6	
28	908.7	1437.8	-9.1	-4.2	-1.6	-3.8	1.3		-4.3	
28	908.4	1437.9	-8.4	-2.8	-1.5	-2.8	1.1		-4	
28	908.1	1438.2	-8.4	-2.4	-1.5	-2.7	1.2		-3.7	
28	907.8	1438.2	-8.4	-2.5	-1.5	-2.6	1.4		-3.4	
28	907.5	1438.2	-8.5	-1.8	-1.1	-2.4	1.2		-3.1	
28	907.2	1437.3	-10.5	-3.7	-1	-4	0.4		-2.8	
28	906.9	1439.7	-9.5	-3.2	2.2	-3.1	-0.3		-2.1	
28	906.6	1439.7	-8.3	-1.5	4.7	-2.3	0.1		-1.9	
28	906.3	1438.3	-8.4	-1.8	0.4	-2.6	0.4	16750000	-1.9	
28	906	1438.4	-8.9	-3.6	-0.3	-3.9	1.2	13595779	-1.7	
28	905.7	1438.6	-8.7	0.4	-0.5	-4.2	1.7		-1.6	
28	905.4	1438.6	-8.7	-0.6	-0.4	-4.9	1.7		-1.7	
28	905.1	1438.4	-8.6	-2.4	-0.5	-4.7	1.7		-1.7	
28	904.8	1438.2	-8.5	-1.9	-0.3	-3.7	1.9		-1.5	
28	904.5	1438.1	-7	-0.8	-1.6	-3.4	1.9		-1.8	
28	904.2	1437.7	-6.4	-0.2	-3.1	-4	1.6		-2.3	
28	903.9	1437.3	-6.3	-1	-0.9	-3.5	1.1		-2.3	
28	903.6	1437	-4.9	1.3	-0.6	-2.1	0.3		-2.5	
28	903.3	1436.6	-3.8	2.5	-0.4	-1.8	-0.5		-2.5	
28	903	1436.3	-2.7	4.2	-0.1	-0.4	-1.1		-2.7	
28	902.7	1436.1	-2.7	4.1	0	0.2	-1.3		-2.4	
28	902.4	1436	-2.1	5.4	0.3	0.7	-1.4		-2.4	
28	902.1	1435.9	-1.3	6.7	0.4	0.7	-1.5		-2.5	
28	901.8	1435.9	-1.2	7.9	0.5	0.6	-1.3		-2.6	
28	901.5	1435.9	-1.9	7.1	0.4	0.3	-1.1		-2.4	
28	901.2	1436.3	-1.7	8	0.6	-0.6	-0.9		-2.8	
28	900.9	1436.3	-0.3	8.9	0.4	0.5	-0.9		-3.1	
28	900.6	1436.5	-1.2	9.3	0.3	-1.2	-0.6		-3.3	
28	900.3	1436.3	-2.1	7.6	0	-2.5	-0.5		-3.5	
28	900	1436	-2	8.1	-0.4	-2.5	-0.6		-3.8	
28	899.7	1435.9	-2	8.5	-0.5	-3.3	-0.9		-4.1	
28	899.4	1435.6	-2.3	7.7	-0.6	-3.8	-1.2		-4.3	
28	899.1	1435.8	-2.9	6.6	-0.5	-4.6	-1.3		-4.5	
28	898.8	1436.3	-2.8	7.2	-0.1	-4.6	-1.2		-5.1	
28	898.5	1437	-4.1	6.6	0.2	-5.6	-0.5		-4.3	
28	898.2	1437.4	-3.8	6.4			-0.2		-4.6	
28	897.9	1437.5	-3.5	6.7			0.1		-5.1	
28	897.6	1438	-4.4	5.3			0.6		-5	
28	897.3	1438.7	-4.4	5.4			1.3		-4.9	
28	897	1438.9	-4.3	5.8			2		-4.8	
28	896.7	1439.3	-3.7	6.3			2.5		-4.9	
28	896.4	1438.9	-4.9	4.4			2.4		-4.1	
28	896.1	1438.3	-5.2	3.9			2.4		-3.4	

Perfil	STE Metro CDMX
Lugar Inicial	28km 895.877m
PK Final	28km 223.277m
Sentido De Avance	Decremento
Referencias Trabajo	VIA 2
ID Ruta/Liena	Mixcoac
ID Vía	Via Principal
Hora Inicial	11:54:56 04-dic.-21
Hora Final	12:07:14 04-dic.-21
Versión Software	TOP01S020r0010(74)
Unid. Desplazamiento	Milímetros
Unidad Longitud	Milímetros
Unidad de ángulo	Grados
ID Perfil	L12
Signo del Peralte	Sentido horario
Intervalo adquisición	300.0mm (300.0mm)
Nivel. I superpuesto 1	12600.0mm
Nivel. I superpuesto 2	19000.0mm
Base Radio Derecho	20.0m (20.1m)
Base Radio Curv.Prom D	20.0m
Base Áng.Curv. Prom. D	20.0m
Áng.Curv.Cuerda Der	20.0m
Nivel. D superpuesto 1	20.0m
Nivel. D superpuesto 2	20.0m
Temp. Sistema Inicial	21.3°C
Temp. Sistema final	20.9°C
Ancho Referencia	1435.0mm
Ancho Refcia. Peralte	1500.0mm
Long. Cuerda Delantera	2500.0mm (2400.0mm)
Long. cuerda trasera	2500.0mm (2400.0mm)
Temperatura Nivelación	19.1°C

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
28	895.577	1436.6	-5.4				27.2		-1	
28	895.277	1436.2	-4.9				27		-0.2	
28	894.977	1435.8	-5.1				27.1		-0.1	
28	894.677	1436	-5.4				27.7		-0.2	
28	894.377	1436.5	-5.6				27.9		0.1	
28	894.077	1437	-5.2				27.9		0.7	
28	893.777	1437.1	-5.9				27.8		1.4	
28	893.477	1437	-5.2				27		1.4	
28	893.177	1436.6	-6.2		-25.9	-1.7	25.3		1.7	
28	892.877	1436.5	-4.9		-24.6	-1.4	23.7		1.1	
28	892.577	1436.2	-3.5		-23.9	0.6	23.1		1	
28	892.277	1436	-3.5		-25.4	3.2	23.6		0.9	
28	891.977	1436.2	-3.7		-26.5	2.1	24.7		-0.1	
28	891.677	1436.5	-3.2		-27.4	0.6	25.8		-1.4	
28	891.377	1436.8	-1.6		-27.9	1.2	26.8		-3	
28	891.077	1437.1	-0.2		-28.4	0.1	28.1		-4.9	
28	890.777	1437.9	-0.2		-28.8	-0.2	30.1		-6.7	
28	890.477	1438.6	0.2		-29.5	-2.4	31.7		-8.1	
28	890.177	1438.3	-1.1		-29.6	-4.3	32		-8.4	
28	889.877	1439.6	-6.2		-26.8	-8.5	30.7		-7.1	
28	889.577	1439.5	-6.1		-23.6	-7.6	27.3		-6.5	
28	889.277	1439.3	-5.2		-18.7	-6.6	21.9		-6.4	
28	888.977	1438.7	-5.7		-16.2	-6.9	18.6		-5.4	
28	888.677	1437.8	-5.3		-13.5	-6.4	14.8		-4.5	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
28	888.377	1436.7	-7.1		-10.3	-5.1	10.2		-1.3	
28	888.077	1436.2	-6.2		-7	-3	6.1		0.1	
28	887.777	1435.6	-6.8		-3.1	-4.1	1.9		-0.8	
28	887.477	1435.4	-6.1		-2.4	-0.1	0.4		-0.2	
28	887.177	1435.4	-6.3		-1.9	-0.6	0.3		-0.3	
28	886.877	1435.8	-6.7		-1.5	-1.4	0.7		-0.2	
28	886.577	1435.8	-6.8		-1	-0.9	0.7		0	
28	886.277	1435.8	-6.7		-0.4	-1.1	0.8		0.4	
28	885.977	1435.7	-6.3		0	-0.2	0.8		0.4	
28	885.677	1435.6	-6.4		-0.3	-0.5	0.9	321231	0.8	
28	885.377	1435.4	-6		-0.2	0.6	0.9	335918	1.2	
28	885.077	1435.1	-6.1		-0.4	0.1	0.9	351777	1.5	
28	884.777	1434.4	-5.9		-0.8	0.2	0.5	369272	1.7	
28	884.477	1434	-5.8		-1.1	0.1	0.1	388960	1.8	
28	884.177	1433.6	-6		-1.1	1.2	-0.3	411027	2.7	
28	883.877	1433	-5.1		-1.2	1.7	-0.8	435657	2.1	
28	883.577	1433.2	-4.3		-0.8	1.4	-0.9	463120	1.5	
28	883.277	1433.7	-3.9		-0.2	1.1	-0.8	493114	0.9	
28	882.977	1433.9	-3.9	1.5	0.1	0.7	-0.9	524752	0.4	
28	882.677	1433.9	-3.2	1.7	0.2	1.2	-1.1	558336	0.7	
28	882.377	1433.9	-2.4	2.7	0.4	1	-1.1	595495	-0.1	
28	882.077	1434.1	-1.5	3.9	0.4	0.8	-0.9	638730	-1	
28	881.777	1434.1	-2.2	3.4	0.3	0	-0.5	691237	-1.6	
28	881.477	1434.1	-2.8	2.4	0.6	-1.9	-0.3	756415	-2	
28	881.177	1434	-2	3.9	0.2	-1.6	-0.1	838844	-2.5	
28	880.877	1433.8	-1.8	3.4	0	-2.5	-0.2	947400	-3.1	
28	880.577	1434	-2.4	3.8	-0.1	-2.6	0.1	1099660	-3.4	
28	880.277	1434.5	-1.4	3.5	0	-3.1	0.7	1323484	-4.1	
28	879.977	1434.8	-1.1	2.4	0	-3.5	1.3	1666999	-4.7	
28	879.677	1435.2	-0.7	2.8	0.1	-4.5	1.8	2217956	-5.4	
28	879.377	1435	-1.6	2.1	0.2	-5	1.7	3134357	-5.4	
28	879.077	1434.6	-0.6	2.6	0.2	-3.8	1.4	4684005	-5.3	
28	878.777	1434.5	-1.5	0.1	0.1	-4.4	1.4	7991412	-4.9	
28	878.477	1434.3	-0.9	-0.7	0.2	-3.8	1.3	17594538	-4.5	
28	878.177	1434.1	-2.5	-2.3	-0.1	-4	1.2		-3.8	
28	877.877	1433.8	-1.6	-1.8	-0.6	-3.3	0.9		-3.4	
28	877.577	1433.2	-2.1	-1	-1.1	-3.3	0.1		-2.7	
28	877.277	1432.5	-1.7	4.5	-1.5	-2.5	-0.5		-1.9	
28	876.977	1432.1	-1.7	4.4	-1.5	-1.1	-0.8		-0.8	
28	876.677	1431.9	-1.5	3.7	-1.4	-1.1	-0.8		-0.4	
28	876.377	1431.9	-2	3.7	-1.4	-0.7	-0.8		0.2	
28	876.077	1431.9	-1.3	4	-1	-0.4	-1		0.2	
28	875.777	1432	-2.1	5	-0.2	0.1	-1.3		0.6	
28	875.477	1432.6	-2	4.2	0.5	0	-1.3		0.7	
28	875.177	1433.6	-1.8	5	1.7	0.1	-1.1		0.8	
28	874.877	1433.7	-1.5	4.6	2.4	0.4	-1.1		0.8	
28	874.577	1433.7	-1.2	5.1	2.7	0.5	-1		0.5	
28	874.277	1433.6	-1	5.7	2.9	0	-1		0	
28	873.977	1433.6	-0.7	6.1	2.9	0.3	-0.9		-0.3	
28	873.677	1433.4	-0.4	6.3	2.6	0	-0.7		-0.6	
28	873.377	1433	-0.7	5.6	2	-0.3	-0.5		-0.8	
28	873.077	1433	-1	5.4	1.3	-0.7	-0.3		-1.3	
28	872.777	1432.8	-0.1	5.9	0.5	-0.5	-0.3		-1.6	
28	872.477	1432.4	-0.5	5.6	-0.1	-1.4	-0.3		-1.7	
28	872.177	1432	-0.7	5.2	-0.7	-1.4	-0.2		-1.8	
28	871.877	1431.6	-0.6	5.2	-1.2	-1.3	-0.2		-1.7	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
28	871.577	1431.2	-0.6	5.4	-1.7	-1.3	-0.3		-1.5	
28	871.277	1431.1	-0.7	4.4	-1.8	-1.5	-0.4		-1.3	
28	870.977	1431.1	-0.3	4	-1.7	-1.1	-0.5		-1.5	
28	870.677	1431.3	-1.1	2.8	-1.6	-1.4	-0.5		-1.2	
28	870.377	1431.6	-0.6	3.3	-1.2	-1	-0.5		-1.1	
28	870.077	1431.8	0	3.2	-0.8	-0.2	-0.6		-1.1	
28	869.777	1432.1	-1	1.4	-0.5	-0.3	-0.5		-0.6	
28	869.477	1432.4	-0.9	0.6	-0.3	-0.3	-0.3		-0.6	
28	869.177	1432.8	-0.9	1.3	0.2	-0.2	-0.2		-0.6	
28	868.877	1433.2	-0.5	2.3	0.4	-0.2	0.1		-0.8	
28	868.577	1433.5	-0.6	1.4	0.3	-0.5	0.5		-1	
28	868.277	1433.7	-0.8	1	0.1	-0.4	1	-1.8E+07	-1.3	
28	867.977	1433.9	-1.2	1.2	-0.1	-1	1.4	-1.7E+07	-1.3	
28	867.677	1434.1	-1.2	0.2	-0.3	-1.1	1.6	-1.6E+07	-1.4	
28	867.377	1434.2	-1.8	-0.7	-0.3	-0.9	1.5	-1.6E+07	-1.2	
28	867.077	1434.4	-1.7	-1	-0.2	-1.3	1.1	-1.8E+07	-1.3	
28	866.777	1434.4	-2	-0.4	-0.3	-1.4	0.6		-1.6	
28	866.477	1434.4	-1.5	-0.9	-0.3	-1.3	0.1		-1.8	
28	866.177	1434.3	-1.8	-0.3	-0.3	-1.5	-0.2		-1.8	
28	865.877	1433.9	-2.3	-1.4	-0.3	-2.1	-0.6		-2	
28	865.577	1433.7	-2.5	0	0.1	-2.5	-0.9		-2.3	
28	865.277	1433.7	-2.9	-1.3	0.2	-3.2	-1.1		-2.6	
28	864.977	1434	-3.2	-1.1	0.5	-2.6	-1		-2.6	
28	864.677	1434.6	-2.5	-0.8	0.5	-2.6	-0.5		-3.1	
28	864.377	1435.3	-3.5	-1.8	0.5	-3.6	0.3		-3.2	
28	864.077	1436	-3.4	-1.9	0.5	-3.8	1		-3.5	
28	863.777	1436	-3.5	-1.5	0.2	-4.2	1.3		-3.4	
28	863.477	1435.8	-3.6	-2.3	0	-4.1	1.3		-3.3	
28	863.177	1435.2	-3.4	-1.3	-0.3	-3.4	1		-3	
28	862.877	1435.1	-3.5	-1.5	-0.4	-2.7	0.9		-2.7	
28	862.577	1434.8	-4.6	-2.8	-0.5	-3.2	0.7		-2	
28	862.277	1434.9	-4.2	-2.7	-0.2	-2.7	0.4		-1.8	
28	861.977	1434.5	-4.2	-3	0	-1.6	-0.2		-1.4	
28	861.677	1434.6	-4.8	-3.8	0.2	-1.5	-0.5		-0.8	
28	861.377	1434.8	-3.5	-2.8	0.8	-0.3	-0.8		-1	
28	861.077	1435.2	-3.4	-3	1.3	-0.4	-0.8		-1.3	
28	860.777	1435.4	-3.4	-2.7	1.7	-0.5	-0.8		-1.5	
28	860.477	1435.4	-4.1	-3.1	1.7	-0.9	-0.8		-1.3	
28	860.177	1435.2	-3.7	-3.6	1.4	-0.1	-0.5		-1.4	
28	859.877	1434.9	-4.1	-3.6	1	-1	-0.5		-1.5	
28	859.577	1434.2	-4.5	-3.8	0.6	-1.6	-0.5		-1.1	
28	859.277	1433.8	-4.7	-4.1	0.1	-0.8	-0.5		-0.4	
28	858.977	1433.5	-4.9	-4.3	-0.4	-1.6	-0.4		0.1	
28	858.677	1433.6	-5	-4.3	-0.7	-1.8	-0.2		0.4	
28	858.377	1433.7	-5.4	-5.1	-0.8	-1.8	0		0.9	
28	858.077	1433.9	-5.5	-4.4	-0.9	-1.4	0.3		1.4	
28	857.777	1433.9	-5.4	-4.8	-1	-1.2	0.4		1.7	
28	857.477	1433.8	-4.9	-4.9	-1	-0.6	0.5		1.6	
28	857.177	1433.7	-3.8	-2.8	-1	-0.2	0.7		0.8	
28	856.877	1433.8	-3.7	-2.8	-0.9	-0.9	0.9		0	
28	856.577	1433.8	-2.9	-2	-0.8	-0.8	1		-0.7	
28	856.277	1433.8	-2.3	-1.8	-0.6	-0.5	0.9		-1.5	
28	855.977	1433.7	-2	-1.4	-0.5	-1.1	0.6		-2.3	
28	855.677	1433.6	-1.3	-0.5	-0.3	-1.2	0.2		-3.3	
28	855.377	1433.7	-1.2	0	0	-1.8	-0.1		-3.9	
28	855.077	1433.7	-1.2	0	0.4	-2	-0.2		-4.1	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
28	854.777	1433.8	-1.1	0.7	0.7	-2.7	-0.3		-4.5	
28	854.477	1433.7	-0.9	0.8	0.8	-2.8	-0.5		-4.7	
28	854.177	1433.7	-0.8	1.2	0.8	-2.9	-0.5		-4.8	
28	853.877	1433.3	-1.6	-0.1	0.4	-3.5	-0.6		-4.1	
28	853.577	1433.5	-0.9	0.9	0.3	-2.8	-0.4		-3.9	
28	853.277	1433.6	-1.2	1.1	0.3	-3.2	-0.3		-3.6	
28	852.977	1433.7	-1.2	1.3	0.3	-2.9	-0.2		-3.4	
28	852.677	1433.3	-1.6	1.3	-0.1	-2.3	-0.2		-2.5	
28	852.377	1433.1	-2	1.2	-0.3	-2.2	-0.2		-1.8	
28	852.077	1433	-1.9	0.6	-0.3	-1.7	-0.2		-1.5	
28	851.777	1433.1	-2.4	1.1	-0.3	-1.6	-0.2		-1.2	
28	851.477	1433.3	-2.1	1.3	0.2	-0.5	-0.3		-0.9	
28	851.177	1433.5	-2	1.5	0.3	-1	-0.3		-0.8	
28	850.877	1433.6	-1.9	1.7	0.2	-0.1	-0.2		-0.6	
28	850.577	1433.5	-2.3	1.1	0	-0.4	-0.2		-0.5	
28	850.277	1433.6	-2.4	1.1	0	-0.5	0		-0.6	
28	849.977	1433.5	-2.1	2.5	-0.2	0	0.1		-0.4	
28	849.677	1433.4	-2.5	1.7	-0.3	-0.4	0.1		-0.3	
28	849.377	1433.4	-3.1	1.1	-0.4	-0.4	0.1		-0.2	
28	849.077	1433.5	-3.5	1.3	-0.5	-1	0.2		-0.2	
28	848.777	1433.5	-2.7	0.8	-0.5	-0.2	0.1		-0.4	
28	848.477	1433.6	-3.7	-0.3	-0.5	-1.6	0.1		-0.1	
28	848.177	1433.8	-3.5	-0.1	-0.1	-0.9	0.1		0	
28	847.877	1433.9	-3.4	0.7	0.2	-0.7	0		-0.2	
28	847.577	1434.1	-3	0.7	0.7	-0.4	-0.2		-0.3	
28	847.277	1434.2	-2.9	1.2	0.8	-0.1	-0.2		-0.2	
28	846.977	1434.3	-3.4	1.1	1	-0.9	-0.2		-0.4	
28	846.677	1434.3	-3.2	1.5	1	-0.3	-0.2		-0.6	
28	846.377	1434.2	-3.8	1.1	0.8	-1.4	-0.1		-0.5	
28	846.077	1434.3	-2.4	2.6	0.6	-0.5	0.1		-1.4	
28	845.777	1434	-2.9	2.5	-0.1	-1.6	0.3		-1.6	
28	845.477	1433.9	-3.4	2.1	-0.8	-2.2	0.7		-1.5	
28	845.177	1433.7	-3.7	1.7	-1.5	-3.3	1		-1.7	
28	844.877	1433.8	-3.4	1.5	-1.6	-3.4	1.2		-2.2	
28	844.577	1433.5	-2.6	1.2	-2	-2.6	1.3		-2.5	
28	844.277	1433.5	-3.5	0.2	-2	-3.9	1.4		-2.2	
28	843.977	1433.6	-3	-0.1	-2	-3	1.5		-2.3	
28	843.677	1433.6	-2.8	-0.5	-1.9	-3.8	1.4		-2.3	
28	843.377	1433.9	-2.2	-0.2	-1.2	-3.4	1.1		-2.7	
28	843.077	1434.1	-2	-0.7	-0.4	-3.4	0.6		-3.1	
28	842.777	1434.3	-1.3	-0.1	0.5	-2.7	0.1		-3.5	
28	842.477	1434.2	-1.4	-0.2	0.9	-3.1	-0.4		-3.5	
28	842.177	1434.2	-1.6	-0.5	1.4	-3.8	-0.8		-3.4	
28	841.877	1434	-0.4	0.5	1.7	-2.1	-1.4		-3.4	
28	841.577	1433.9	-0.8	0	1.9	-2.6	-1.7		-3	
28	841.277	1433.8	-0.3	1.3	1.8	-1.9	-1.8		-2.6	
28	840.977	1433.9	-0.2	0.7	1.8	-1.6	-1.8		-2	
28	840.677	1433.9	0	1.2	1.5	-0.7	-1.7		-1	
28	840.377	1433.7	-0.4	0.8	1	-0.4	-1.4		0.2	
28	840.077	1433.7	-0.3	1.3	0.7	0.8	-1.1		1.1	
28	839.777	1433.7	0.2	2.2	0.2	2	-0.8		1.4	
28	839.477	1433.9	0.2	2.1	0.2	1.8	-0.5		1.7	
28	839.177	1433.9	0.6	3	0	2.2	-0.2		1.9	
28	838.877	1434	0.8	2.9	-0.1	2	0.1		1.4	
28	838.577	1433.9	1.1	3.1	-0.3	1.4	0.1		0.5	
28	838.277	1434	1.4	3.3	-0.1	1	0.1		-0.4	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
28	837.977	1434	1.7	4	-0.1	1.1	0.1		-1.4	
28	837.677	1434.1	1.5	3.9	0	-0.5	0.1		-2.2	
28	837.377	1434.4	0.8	2.9	0.1	-1.8	0.3		-2.5	
28	837.077	1434.3	0.6	3.1	0	-2.4	0.2		-2.9	
28	836.777	1434.3	1.3	4.4	0.1	-2.4	0.2		-3.8	
28	836.477	1434.2	0.8	4.3	-0.1	-3.2	0.3		-4.3	
28	836.177	1434.3	0.6	3.3	0	-3.5	0.5		-4.4	
28	835.877	1434.2	0	3.7	-0.4	-3.9	0.7		-4.1	
28	835.577	1434.3	-1.1	2.4	-0.4	-4.9	0.9		-3.7	
28	835.277	1434.3	0	3.4	-0.3	-3.5	0.8		-3.8	
28	834.977	1434.3	0	3	-0.4	-3.1	0.7		-3.5	
28	834.677	1434.2	0	2.9	-0.4	-2.8	0.7		-3	
28	834.377	1434	-0.8	2.6	-0.6	-3.2	0.7		-2	
28	834.077	1434	-1.3	1.9	-0.5	-2.5	0.7		-1.2	
28	833.777	1433.7	-1.7	2.1	-0.6	-2	0.6		-0.1	
28	833.477	1433.7	-1.8	0.6	-0.5	-1.2	0.6		0.3	
28	833.177	1433.6	-1.4	1.5	-0.7	0.1	0.5		0.9	
28	832.877	1433.5	-2.1	1.3	-0.8	-0.1	0.5		1.8	
28	832.577	1433.6	-1.6	2.1	-0.8	0.9	0.5		2.2	
28	832.277	1433.5	-1.1	2.3	-0.8	0.9	0.4		2.2	
28	831.977	1433.5	-0.4	2.2	-0.8	1.7	0.3		1.7	
28	831.677	1433.3	-0.8	2.7	-0.9	1.6	0.1		1.9	
28	831.377	1433.1	-0.1	2.9	-0.7	2.4	-0.2		1.4	
28	831.077	1433.1	-0.6	2.2	-0.7	1.6	-0.2		1.3	
28	830.777	1433.2	-0.2	2	-0.4	1.3	-0.2		0.5	
28	830.477	1433.3	-0.3	1.7	-0.3	0.2	-0.3		-0.2	
28	830.177	1433.5	-0.6	0.7	0.1	-0.4	-0.4		-0.9	
28	829.877	1433.6	0.5	1.9	0.1	-0.8	-0.3		-2	
28	829.577	1433.9	0.1	1.7	0.4	-1.9	-0.1		-2.6	
28	829.277	1434.1	0.3	0.7	0.6	-1.9	0.1		-3.1	
28	828.977	1434.2	-0.6	0.2	0.8	-3.1	0.2		-3.2	
28	828.677	1434.2	0	0.3	0.8	-2.8	0.2		-3.8	
28	828.377	1434.1	-0.6	-0.4	0.6	-3.8	0.2		-3.7	
28	828.077	1434.2	0.7	0.7	0.6	-3	0.3		-4.5	
28	827.777	1434	-0.7	-0.3	0.4	-4.4	0.2		-4.4	
28	827.477	1434	-0.4	-0.1	0.3	-4.5	0.3		-4.7	
28	827.177	1433.8	-0.8	-1	0	-5	0.3		-4.6	
28	826.877	1433.5	-0.9	-1.1	-0.3	-5.2	0.2		-4.6	
28	826.577	1433.3	-1.2	-1.8	-0.5	-4.6	0.1		-4.2	
28	826.277	1433.3	-1.4	-2.2	-0.5	-4.1	0.2		-3.7	
28	825.977	1433.3	-0.8	-1.9	-0.4	-3.5	0.1		-3.6	
28	825.677	1433.3	-1.2	-2.6	-0.4	-4.6	0.1		-3.3	
28	825.377	1433.2	-0.9	-2.6	-0.1	-3.2	-0.1		-2.9	
28	825.077	1433.2	-1.7	-3.2	-0.1	-4	-0.2		-2.2	
28	824.777	1433.2	-1	-1.8	0.2	-2.6	-0.4		-2	
28	824.477	1433.2	-1	-1.6	0.4	-2.6	-0.6		-1.8	
28	824.177	1433.2	-1	-2.3	0.5	-2.2	-0.6		-1.3	
28	823.877	1433.1	-2	-2.8	0.4	-2.7	-0.6		-0.2	
28	823.577	1433.1	-1.3	-1.9	0.2	-1.8	-0.6		0.5	
28	823.277	1433.1	-0.6	-0.6	0	-0.6	-0.5		0.9	
28	822.977	1432.9	-0.4	0.7	-0.2	0	-0.4		1.8	
28	822.677	1433.1	0.5	0.5	-0.2	1.8	-0.2		2.1	
28	822.377	1433	0.1	0.1	-0.3	2.5	-0.2		3	
28	822.077	1433.3	0.5	0.5	-0.3	3.8	0.1		3.2	
28	821.777	1433.3	1.1	1.9	-0.1	4.6	0		3.3	
28	821.477	1433.4	2.5	3.8	0.2	6.4	-0.1		2.9	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
28	821.177	1433.6	2.9	4.6	0.6	6.6	-0.2		2.5	
28	820.877	1433.8	3	4.8	0.8	6	-0.1		1.8	
28	820.577	1433.7	3.7	5.1	0.9	5.2	-0.2		0.8	
28	820.277	1433.7	3.3	5.4	1	3.9	-0.4		0.1	
28	819.977	1433.7	2.2	3.8	1.1	2	-0.6		-0.9	
28	819.677	1433.7	0.9	2	1	-0.1	-0.7		-1.5	
28	819.377	1433.6	0.6	1	1	-1.2	-0.7		-2.3	
28	819.077	1433.5	-0.1	0.7	0.7	-3.7	-0.5		-2.9	
28	818.777	1433.3	-1.2	-1.1	0.6	-4.7	-0.5		-3.1	
28	818.477	1433.1	-1.8	-1.2	0.4	-5.3	-0.6		-3	
28	818.177	1433.1	-1.1	-0.9	0.3	-5.3	-0.5		-3.2	
28	817.877	1433.1	-1.5	-1.2	0.2	-5.2	-0.3		-3.3	
28	817.577	1433.4	-1.5	-0.9	0.1	-4.6	0.1		-3.3	
28	817.277	1433.6	-1.5	-2	0.1	-4.5	0.3		-3.6	
28	816.977	1433.3	-2	-2.1	-0.1	-4.6	0.1		-3.4	
28	816.677	1433.3	-1.1	-1.4	-0.4	-3.6	0.1		-3.6	
28	816.377	1432.9	-2	-1.4	-0.8	-3.6	-0.2		-3.3	
28	816.077	1432.9	-2	-2	-1	-3.2	-0.1		-3.1	
28	815.777	1432.8	-1.6	-1	-1.3	-2.9	0.1		-3.2	
28	815.477	1432.7	-2.4	-3.1	-1.5	-3.2	0.2		-3.2	
28	815.177	1432.6	-2.5	-1.8	-1.6	-3.5	0.1		-3.1	
28	814.877	1432.7	-2.1	-1.7	-1.4	-3.2	0.1		-3	
28	814.577	1433.1	-2.1	-1.3	-1	-2.4	0.3		-2.7	
28	814.277	1433.7	-2	-1.1	-0.4	-2.4	0.5		-2.5	
28	813.977	1434.4	-2.2	-1	0.2	-1.8	0.8		-2.4	
28	813.677	1434.9	-2.1	-0.7	0.5	-2.2	1		-1.9	
28	813.377	1434.9	-2.7	-1.9	0.7	-2.3	0.9		-1.4	
28	813.077	1434.8	-3.2	-2	0.9	-1.5	0.7		-0.6	
28	812.777	1434.7	-2.7	-1.8	1.1	-1.4	0.5		-0.8	
28	812.477	1434.4	-2.3	-0.6	0.9	-0.9	0.3		-0.6	
28	812.177	1434.2	-2.8	-1.8	0.8	-1	0.1		-0.2	
28	811.877	1434	-3	-2	0.4	-0.6	-0.2		0.4	
28	811.577	1433.9	-3.5	-2.5	0.4	-0.7	-0.6		0.5	
28	811.277	1433.8	-1.6	0.4	0.4	0.8	-1.1		0.1	
28	810.977	1433.7	-2	-0.7	0.5	0.6	-1.3		0.2	
28	810.677	1433.7	-2.1	-1.5	0.6	0.8	-1.4		0	
28	810.377	1433.7	-1.7	-1.3	0.6	0.6	-1.3		-0.2	
28	810.077	1433.7	-1.9	-2.4	0.8	-0.5	-1.2		-0.8	
28	809.777	1433.6	-2	-2.1	0.5	-0.7	-0.9		-1.3	
28	809.477	1433.9	-2	-2.5	0.5	-1.1	-0.3		-1.5	
28	809.177	1433.9	-2.4	-3.5	0.1	-0.9	0.3		-1.7	
28	808.877	1434.1	-2.6	-5.1	-0.2	-2.9	1		-2	
28	808.577	1434.1	-2.1	-5	-0.5	-2.1	1.5		-2.2	
28	808.277	1434.1	-2.5	-5.5	-0.9	-2.9	1.9		-2.3	
28	807.977	1434	-2.4	-6.1	-1.3	-2.7	2.1		-2.4	
28	807.677	1433.9	-2.1	-5.4	-1.5	-2.5	2.2		-2.5	
28	807.377	1433.7	-2.3	-4.5	-1.5	-2.9	2		-2.7	
28	807.077	1433.3	-1.8	-2.7	-1.6	-2.3	1.6		-2.7	
28	806.777	1433.1	-2.8	-3.4	-1.2	-3.5	1		-2.8	
28	806.477	1432.7	-1.8	-1.7	-1	-2.3	0.3		-3	
28	806.177	1432.6	-2.3	-1.1	-0.5	-3.6	-0.2		-3.3	
28	805.877	1432.6	-1.7	0.1	0.1	-2.6	-0.7		-3.3	
28	805.577	1432.7	-2.5	-1.4	0.4	-3.4	-0.9		-3	
28	805.277	1432.6	-2.3	-0.8	0.8	-3	-1.4		-2.8	
28	804.977	1432.9	-2.2	-0.7	1.1	-2.1	-1.5		-2.3	
28	804.677	1432.8	-2.3	-0.8	1.2	-2.2	-1.7		-2.1	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
28	804.377	1432.7	-1.8	0.2	1.1	-0.7	-1.8		-1.3	
28	804.077	1432.8	-2.3	-1.2	1	-0.8	-1.5		-0.5	
28	803.777	1432.6	-2	0	0.5	0.2	-1.3		0.2	
28	803.477	1432.4	-2.3	-0.3	0	0.1	-1.2		0.8	
28	803.177	1432.4	-1.9	-0.3	-0.3	0.8	-0.9		1.2	
28	802.877	1432.5	-2	0.4	-0.7	1	-0.3		1.8	
28	802.577	1432.8	-2.5	0	-1.1	0.7	0.2	19940476	2	
28	802.277	1433.2	-2.5	-0.4	-1.1	1.2	0.7		2.3	
28	801.977	1433.7	-2	0.1	-1	1.5	1.3		2.3	
28	801.677	1433.9	-2.1	-0.1	-1.1	1.5	1.6		2.4	
28	801.377	1434.1	-1.6	0.6	-1	1.5	1.9		2.2	
28	801.077	1434.5	-1.4	0.7	-0.3	1.4	1.9		1.7	
28	800.777	1434.5	-0.5	2.2	0.2	1.7	1.5		0.6	
28	800.477	1434.5	0	3.2	0.6	0.9	1		-0.7	
28	800.177	1434.6	-0.2	2.5	1.1	-0.2	0.5		-2.3	
28	799.877	1434.4	-0.4	1.9	1.1	-1.2	0		-3.4	
28	799.577	1434.2	-0.6	2.2	1.2	-3.1	-0.5		-5	
28	799.277	1434	0	3	1.2	-4.3	-0.8		-6.5	
28	798.977	1433.9	0.2	3.7	1	-5.4	-0.8		-8.1	
28	798.677	1433.4	0.2	1.8	0.4	-6.4	-0.9		-9.1	
28	798.377	1433.3	-1.3	0.7	-0.2	-7.7	-0.6		-8.7	
28	798.077	1433.3	-1.2	0.9	-0.7	-7.5	-0.3		-8.1	
28	797.777	1433.2	-2	-0.3	-1.2	-7.2	-0.1		-6.8	
28	797.477	1433.3	-2.6	-0.7	-1.3	-6.6	0.1		-5.8	
28	797.177	1433.2	-3	-1	-1.3	-5.2	0.1		-4.4	
28	796.877	1433.3	-2.3	-0.3	-1.3	-4.1	0.1		-3.3	
28	796.577	1433.2	-3.5	-1.1	-1.1	-4.1	-0.1		-2.1	
28	796.277	1433.3	-3.7	-1.1	-0.6	-2.6	-0.2		-0.4	
28	795.977	1433.7	-4	-1.9	-0.1	-1.3	-0.2		0.2	
28	795.677	1434	-3.6	-1.1	0.2	-0.3	-0.2		0.8	
28	795.377	1434.4	-3	-0.6	0.8	0.4	-0.1		0.7	
28	795.077	1434.5	-3.3	-1.2	0.7	0.3	0.2		1	
28	794.777	1434.6	-3.8	-1.5	0.6	0.5	0.7		1.3	
28	794.477	1434.9	-3	-1.2	0.5	1	1.2		1.2	
28	794.177	1434.9	-3.1	-0.3	0.4	0.5	1.6		1.1	
28	793.877	1434.9	-3.1	-1.3	0.3	0.5	1.8		0.9	
28	793.577	1434.7	-3.8	-1.5	-0.1	0.1	1.9	17594538	1	
28	793.277	1434.6	-3.7	-2	-0.4	0.3	1.9	15509259	0.9	
28	792.977	1434.2	-3.4	-0.9	-0.8	-0.3	1.5	14052014	0.6	
28	792.677	1434	-2.5	-0.2	-0.7	0.1	1	13168239	0	
28	792.377	1433.4	-3	-0.8	-0.8	-0.2	0.1	12612952	0	
28	792.077	1433.1	-3.3	-1	-0.4	-1	-0.7	12462798	0	
28	791.777	1432.5	-1.4	0.4	-0.2	0.5	-1.4	12766768	-0.8	
28	791.477	1432.3	-1.7	0.6	0	-0.8	-1.8	13508065	-1.3	
28	791.177	1432.1	-1.8	0.2	0.2	-0.8	-2	14849291	-1.6	
28	790.877	1432.1	-2.5	-0.2	0.3	-1.3	-2	16750000	-1.3	
28	790.577	1432.7	-1.9	0	0.7	-0.9	-1.5	19208716	-1.6	
28	790.277	1432.9	-1.9	0.1	0.4	-1.4	-1.1		-1.6	
28	789.977	1433.5	-1.9	0.6	0.4	-1.7	-0.4		-1.9	
28	789.677	1433.6	-1.6	0.9	-0.2	-1.5	0.3		-2	
28	789.377	1433.4	-2.2	-0.2	-0.6	-3.1	0.7		-1.9	
28	789.077	1433.3	-1.3	0.8	-0.7	-2	0.9		-2.2	
28	788.777	1433	-1.4	0.2	-0.8	-2.2	0.8		-2.4	
28	788.477	1433	-1.2	0.2	-0.6	-1.5	0.6		-2.6	
28	788.177	1432.9	-1.8	-1.3	-0.6	-2.4	0.1		-2.5	
28	787.877	1433.2	-1.7	-1.7	0	-2.2	-0.3		-2.4	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
28	787.577	1433.5	-1.1	-0.9	0.2	-2	-0.6		-2.4	
28	787.277	1433.8	-1	-0.6	0.5	-2.3	-0.7		-2.3	
28	786.977	1434	-0.6	0	0.7	-1.3	-0.5		-1.9	
28	786.677	1433.9	-1.2	-1.2	0.6	-1.4	-0.3		-1.3	
28	786.377	1433.9	-1.4	-1.6	0.6	-1.3	0		-0.9	
28	786.077	1433.8	-2	-2.2	0.1	-1.5	0.4		-0.6	
28	785.777	1434	-1.9	-0.6	0.1	-0.9	0.7		-0.6	
28	785.477	1434.2	-1.9	-0.7	-0.2	-0.8	0.9		-0.6	
28	785.177	1434.3	-1.2	0.8	-0.8	-0.7	1		-0.9	
28	784.877	1434.3	-0.4	2.2	-1.2	-0.4	1		-1.4	
28	784.577	1434.2	-0.3	2.7	-1.4	-1	0.9		-2	
28	784.277	1433.8	-0.9	1.4	-1.3	-1.3	0.5		-2	
28	783.977	1433.6	-0.5	3	-1.2	-0.4	0.4		-2.3	
28	783.677	1433.5	-0.9	2.8	-1.1	-0.8	0.4		-2.6	
28	783.377	1433.5	-1.4	2.6	-1.2	-1.1	0.4		-2.4	
28	783.077	1433.9	-1.7	1.9	-0.9	-1.1	0.5		-2.1	
28	782.777	1434.6	-1.7	1.3	-0.4	-0.9	0.7		-1.8	
28	782.477	1435.3	-1.8	1.5	0.2	-1.4	0.9		-1.7	
28	782.177	1435.4	-1.9	1.9	0.4	-1.6	0.9		-1.4	
28	781.877	1435.3	-2	1	0.4	-1.1	0.9		-1.3	
28	781.577	1434.9	-3.4	-0.3	0.3	-2.4	0.7		-0.9	
28	781.277	1434.7	-3.4	-0.3	0.3	-1.6	0.5		-0.7	
28	780.977	1434.6	-3.4	0.4	0.5	-1.6	0.3		-0.9	
28	780.677	1434.4	-3.5	0.2	0.6	-1.5	-0.1		-1	
28	780.377	1434.2	-4	-0.6	0.4	-1.9	-0.5		-0.8	
28	780.077	1434.1	-3.8	-1.3	0.3	-1.8	-0.9	19208716	-1	
28	779.777	1434.1	-3.1	-0.1	0.6	-1.4	-1.3	18862613	-1.4	
28	779.477	1434.1	-3.5	-0.2	0.8	-2.1	-1.5	19940476	-1.6	
28	779.177	1434.2	-3.3	-1.9	1.1	-1.3	-1.5		-2	
28	778.877	1434.2	-4	-2.3	1.2	-2.2	-1.4		-1.8	
28	778.577	1434	-4	-2.2	0.9	-1.9	-1.1		-1.8	
28	778.277	1433.9	-4.4	-1.9	0.5	-2.3	-0.7		-1.6	
28	777.977	1434	-4	-2.1	0.3	-1.9	-0.2		-1.8	
28	777.677	1434.1	-4.2	-2.3	-0.1	-2.1	0.3		-1.4	
28	777.377	1434.2	-4.3	-2.4	-0.4	-2.1	0.7		-1.3	
28	777.077	1434.2	-4	-2.4	-0.7	-1.8	0.9		-1.3	
28	776.777	1434.4	-4.5	-2.3	-0.8	-2.4	0.9		-1.2	
28	776.477	1434.1	-3.7	-2.4	-0.9	-1.3	0.4		-1.4	
28	776.177	1433.9	-4.3	-2.9	-0.6	-1.8	0		-0.8	
28	775.877	1433.7	-3.9	-2.7	-0.1	-1	-0.5		-1.2	
28	775.577	1433.6	-3.8	-2	0.1	-1.4	-0.9		-1.3	
28	775.277	1433.7	-3.2	-1.5	0.8	-1.1	-1.3		-1.6	
28	774.977	1433.7	-3.8	-2.7	0.9	-1.4	-1.4		-1.3	
28	774.677	1433.9	-3.4	-2.4	1.1	-1	-1.2		-1.1	
28	774.377	1434.3	-3.4	-2.8	1	-0.5	-0.7		-0.9	
28	774.077	1434.9	-3.6	-2.4	1.2	-1.6	0		-1.1	
28	773.777	1435	-2.6	-1.2	0.6	-0.6	0.6		-1.2	
28	773.477	1434.8	-3.7	-1.7	-0.1	-1.9	1.1		-0.6	
28	773.177	1434.7	-3.3	-1.4	-0.8	-1.3	1.5		-0.7	
28	772.877	1434.4	-3.2	-1.3	-1.6	-1.6	1.7		-0.6	
28	772.577	1434.2	-3	-1.8	-2	-1	1.7		-0.5	
28	772.277	1433.8	-3.1	-2.7	-2.4	-1.5	1.5		-0.4	
28	771.977	1433.5	-3.1	-2.8	-2.5	-1.3	1		-0.4	
28	771.677	1433.4	-2.4	-1.5	-2.6	-0.8	0.6		-0.6	
28	771.377	1433.7	-2.1	-1.6	-2.1	-1.2	0.4		-0.8	
28	771.077	1433.9	-0.8	0.1	-1.6	0.1	0.2		-1.3	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
28	770.777	1434.3	-1.6	-0.2	-0.7	-1	0.1		-1.4	
28	770.477	1434.8	-1.1	0.6	0.2	-0.8	0		-1.7	
28	770.177	1435.3	-1.2	0.5	1.1	-1.6	-0.1		-1.8	
28	769.877	1435.5	-0.5	1.3	1.8	-1.4	-0.2		-2.3	
28	769.577	1435.6	-1.1	0.8	2.3	-2.2	-0.3		-2.4	
28	769.277	1435.9	-0.9	1.1	2.8	-2.3	-0.3		-2.6	
28	768.977	1435.8	-0.8	2.6	2.8	-1.9	-0.5		-2.5	
28	768.677	1435.7	-0.6	2.8	2.6	-2.3	-0.5		-2.3	
28	768.377	1435.1	-0.6	2.8	1.9	-1.7	-0.6		-1.9	
28	768.077	1434.8	-0.7	2.8	1.4	-1.8	-0.7		-1.7	
28	767.777	1434.4	0.2	4.2	0.6	-0.5	-0.6		-1.7	
28	767.477	1434	0.4	4.2	0	-0.2	-0.5		-1.4	
28	767.177	1433.7	0.4	3.5	-0.6	-0.2	-0.2		-1.4	
28	766.877	1433.4	0.1	3.6	-1.4	-0.2	0.1		-1.1	
28	766.577	1433.3	-0.7	2.6	-1.6	-0.7	0.3		-1	
28	766.277	1433.4	-0.3	3.7	-1.7	-0.5	0.4		-1.2	
28	765.977	1433.4	-0.1	3.9	-1.5	-0.5	0.4		-1.4	
28	765.677	1433.4	-0.2	4.2	-1.2	-1.1	0.4		-1.7	
28	765.377	1433.4	-0.8	3.2	-1	-2	0.4		-1.6	
28	765.077	1433.4	-1.2	3	-0.5	-2.6	0.1	19567757	-1.9	
28	764.777	1433.5	-0.6	3.7	0	-2.4	-0.2	14539931	-2.2	
28	764.477	1433.4	-0.7	3.3	0.5	-2.3	-0.7	11504121	-2.3	
28	764.177	1433.5	-1.3	3.2	1	-2.4	-0.9	9693287	-1.9	
28	763.877	1433.7	-1.3	2.4	1.1	-1.9	-0.9	8616255	-1.8	
28	763.577	1433.8	-1.3	3	1.1	-2.3	-0.8	7961027	-1.6	
28	763.277	1433.6	-0.9	3	0.8	-2.1	-0.8	7669414	-1.6	
28	762.977	1433.5	-0.9	2.9	0.6	-2.1	-0.8	7726015	-1.6	
28	762.677	1433.5	-1.3	1.9	0.3	-1.7	-0.5	8146887	-1.2	
28	762.377	1433.7	-1.2	2.6	0.2	-1.5	-0.1	8947650	-1	
28	762.077	1433.7	-1.4	2	-0.3	-1.4	0.4	10263481	-0.8	
28	761.777	1433.5	-0.8	2.6	-0.8	-0.6	0.7	12244152	-0.9	
28	761.477	1433.6	-2.1	1.5	-1	-1.5	1	15509259	-0.5	
28	761.177	1433.6	-1.1	1.5	-1.1	-0.2	1		-0.6	
28	760.877	1433.8	-0.6	3.1	-1.1	0.3	1.2		-0.6	
28	760.577	1434.1	0	3.3	-0.9	0	1.4		-1	
28	760.277	1434	-0.4	2.8	-0.8	0	1.3		-1.1	
28	759.977	1433.8	-0.7	2.3	-0.8	-0.6	1		-1.2	
28	759.677	1433.8	-0.9	2.2	-0.5	-0.7	0.7		-1.6	
28	759.377	1433.7	-0.9	2.2	-0.1	-1.3	0.4		-1.6	
28	759.077	1433.6	-0.9	1.5	-0.1	-0.6	0.2		-1.9	
28	758.777	1433.6	-1.7	0.4	0	-1.7	0.1		-1.7	
28	758.477	1433.8	-2	-1.2	0.2	-2.1	0		-1.8	
28	758.177	1433.7	-1	0.6	0.2	-2.4	-0.2		-2	
28	757.877	1433.6	-1.7	-0.6	0.3	-2.7	-0.3		-1.9	
28	757.577	1433.4	-1.5	-0.3	0.3	-2	-0.5		-1.5	
28	757.277	1433.4	-2.2	-1.7	0.3	-2.1	-0.3		-1.1	
28	756.977	1433.3	-1.6	-0.5	0.2	-1.9	-0.2		-1.4	
28	756.677	1433.3	-2.2	-1.3	0	-2.8	0		-1.3	
28	756.377	1433.4	-2.3	-1.5	-0.1	-2.7	0.1		-1.5	
28	756.077	1433.4	-2.7	-2.1	-0.4	-2.4	0.2		-0.9	
28	755.777	1433.3	-1.2	-0.6	-0.7	-1.9	0.5		-1.3	
28	755.477	1433.2	-1.4	-0.7	-1.2	-1.8	1.1		-1.4	
28	755.177	1433.4	-1.4	-1.6	-1.7	-2.4	1.9		-1.4	
28	754.877	1433	-1.4	-1.8	-2.6	-2.2	2.3		-1.4	
28	754.577	1432.9	-1.3	-1.7	-3	-2.7	2.6		-1.5	
28	754.277	1433	-0.5	-0.6	-3	-1.7	2.7	19386574	-2	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
28	753.977	1433.1	-0.5	0.2	-3.1	-2.2	2.7	15742481	-2.3	
28	753.677	1433.3	-0.3	0	-2.8	-1.7	2.6	13684641	-2.6	
28	753.377	1433.2	-0.2	-0.1	-2.4	-2.2	2.1	12462798	-2.3	
28	753.077	1433.1	-0.3	-0.1	-1.7	-1.8	1.3	11762641	-2.3	
28	752.777	1433	0.7	1.5	-1	-1	0.3	11379076	-2.5	
28	752.477	1433.2	1.1	2.3	0.4	-0.3	-0.6	11379076	-2.6	
28	752.177	1433.2	1.4	2	1.5	0.5	-1.5	11762641	-2.4	
28	751.877	1433.3	0.7	1.4	2.2	0.1	-2.3	12689394	-2.2	
28	751.577	1433.5	1.1	2.4	3	1.1	-3	14243197	-2	
28	751.277	1433.6	0.3	1.6	3.4	0.6	-3.5	16617064	-1.3	
28	750.977	1433.8	0.6	1.9	3.9	1.3	-3.7	19940476	-0.8	
28	750.677	1433.8	-0.2	0.7	4	1.1	-3.8		0	
28	750.377	1434	-0.3	0.6	3.8	1.1	-3.4		0.5	
28	750.077	1433.9	-1.1	0.2	3.1	-0.2	-3		0.7	
28	749.777	1433.6	-1.8	-0.6	2.5	-0.8	-2.7		1.1	
28	749.477	1433.7	-2.7	-1.3	2	-1.1	-2.1		1.4	
28	749.177	1433.9	-3.6	-2.8	1.4	-1.9	-1.4		1.4	
28	748.877	1434.1	-2.8	-0.7	0.9	-1	-0.6		1.2	
28	748.577	1434.1	-2.8	-1.7	0.4	-2.1	-0.1		0.6	
28	748.277	1434.2	-2.3	-1.7	0.1	-1.8	0.4		0.2	
28	747.977	1434.2	-2.5	-2.5	-0.4	-1.9	0.7		0	
28	747.677	1434.3	-1.4	-1	-0.5	-0.9	1		-0.6	
28	747.377	1434.4	-1.1	-0.4	-0.5	-1.2	1.2		-0.9	
28	747.077	1434.3	-1	-0.1	-0.8	-0.7	1.3		-1.2	
28	746.777	1434.2	-1.6	-0.7	-1.1	-1	1.4		-1.4	
28	746.477	1434	-1.5	-0.6	-1.5	-1.3	1.4		-1.5	
28	746.177	1433.9	-0.7	1	-1.8	-0.5	1.5		-1.6	
28	745.877	1433.7	-0.3	1.7	-2	-0.5	1.6		-1.7	
28	745.577	1433.8	-1	0	-2	-0.9	1.7		-1.5	
28	745.277	1433.8	-1.1	0.6	-2	-0.8	1.7		-1.2	
28	744.977	1433.8	0.2	1.7	-2	-0.6	1.7		-1.6	
28	744.677	1433.9	-0.3	1.9	-1.9	-0.9	1.7		-1.6	
28	744.377	1434	-0.3	1.3	-1.6	-0.5	1.7		-1.7	
28	744.077	1434.2	-0.7	1.5	-1.2	-0.9	1.6		-1.9	
28	743.777	1434.2	-0.7	1.6	-0.8	-1.5	1.1	-2E+07	-2.2	
28	743.477	1434.1	-0.7	2	-0.5	-1.7	0.7	-1.6E+07	-2.1	
28	743.177	1434	-0.8	0.4	-0.2	-1.2	0.2	-1.4E+07	-2	
28	742.877	1433.9	-1.5	-0.1	0.1	-1.6	-0.2	-1.2E+07	-2	
28	742.577	1433.9	-0.6	0.8	0.3	-1.4	-0.5	-1.2E+07	-2.2	
28	742.277	1433.8	-1	0.4	0.4	-1.3	-0.7	-1.2E+07	-2	
28	741.977	1433.6	-1.4	-0.1	0.3	-1.8	-0.9	-1.2E+07	-1.6	
28	741.677	1433.6	-1.9	-1.4	0.5	-1.2	-1.1	-1.3E+07	-1.1	
28	741.377	1433.9	-2.1	-1.6	0.9	-0.8	-1.1	-1.5E+07	-0.9	
28	741.077	1434	-1.9	-1.6	1.1	-0.8	-1.1		-1.1	
28	740.777	1434.1	-2.1	-1.9	1	-1.1	-0.9		-1	
28	740.477	1434.2	-2.8	-2.5	1	-1	-0.8		-0.9	
28	740.177	1434.3	-2.9	-3.6	1.1	-1.6	-0.8		-0.9	
28	739.877	1434.4	-3	-4.1	1.3	-1.9	-0.9		-1	
28	739.577	1434.4	-2	-3.4	1.3	-0.6	-0.9	15861743	-1.3	
28	739.277	1434.2	-2.8	-3.5	1.1	-1.9	-0.9	12172965	-1.2	
28	738.977	1434	-3.6	-4.7	1	-2.3	-1.1	10213415	-1	
28	738.677	1434	-3.7	-4	0.9	-1.9	-1.1	9183114	-0.6	
28	738.377	1434	-3.2	-3.8	0.9	-1.4	-1.1	8687760	-0.6	
28	738.077	1434.1	-3.8	-3.6	0.7	-2	-0.9	8580943	-0.3	
28	737.777	1434.1	-3.8	-3.5	0.6	-1.4	-0.8	8834388	0	
28	737.477	1434.2	-3.2	-2.1	0.4	-1	-0.5	9517046	-0.1	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
28	737.177	1434.3	-4	-2.2	0.2	-1.9	-0.2	10682398	0.2	
28	736.877	1434.5	-2.2	0.5	0	-0.5	0.2	12537425	-0.3	
28	736.577	1434.4	-2.5	1.1	-0.3	-1.5	0.5	15742481	-0.5	
28	736.277	1434.4	-2.9	-0.1	-0.5	-1.3	0.7		-0.4	
28	735.977	1434.3	-2.6	0.2	-0.7	-1.1	0.9		-0.4	
28	735.677	1434.3	-1.4	0.9	-0.8	0	1		-0.9	
28	735.377	1434.3	-1.8	0.7	-0.9	-0.8	1.1		-1.2	
28	735.077	1434.3	-1.5	-0.1	-0.8	-0.8	1.1		-1.6	
28	734.777	1434.3	-1.7	-0.6	-0.7	-0.6	1		-1.8	
28	734.477	1434.4	-1.1	-0.1	-0.4	-1.1	0.8	-1.6E+07	-2.3	
28	734.177	1434.4	0.5	2.1	0	0.2	0.7	-1.4E+07	-2.9	
28	733.877	1434.4	-0.3	1.2	0.1	-0.6	0.7	-1.3E+07	-3.1	
28	733.577	1434.3	-0.6	0.1	0.5	-1.3	0.4	-1.3E+07	-3.3	
28	733.277	1434.1	-0.8	-0.5	0.6	-1.6	-0.1	-1.4E+07	-3.1	
28	732.977	1434	-0.6	0.4	0.8	-0.9	-0.5	-1.6E+07	-2.7	
28	732.677	1433.8	-1.4	-0.3	0.7	-0.9	-0.8	-1.9E+07	-1.7	
28	732.377	1433.6	-1.7	-1.9	0.6	-0.2	-0.9		-0.8	
28	732.077	1433.5	-2.4	-2.1	0.3	-0.3	-0.8		0.2	
28	731.777	1433	-2.8	-2.5	-0.2	-0.4	-0.8		1.5	
28	731.477	1432.7	-2.7	-2	-0.8	0.5	-0.6		2.3	
28	731.177	1432.5	-2.7	-2	-1.3	1.5	-0.2		3	
28	730.877	1432.8	-3.3	-2.6	-1.3	1.6	0.4		3.6	
28	730.577	1433.2	-2.9	-2.1	-1.5	2.6	1.1		3.5	
28	730.277	1433.5	-2.8	-1.3	-1.6	2.2	1.6		3.1	
28	729.977	1433.5	-2.8	-2.2	-1.9	1	1.9		2.5	
28	729.677	1433.5	-2.7	-1.7	-2	0.3	1.9		1.6	
28	729.377	1433.6	-2.2	-0.8	-1.7	-0.2	1.9		0.6	
28	729.077	1433.8	-1.5	0.4	-1.3	-0.9	1.9		-0.8	
28	728.777	1433.6	-1.8	0.3	-1.1	-2.7	1.7		-1.8	
28	728.477	1433.3	-1.8	0.1	-0.8	-3.5	1.2		-3	
28	728.177	1433.2	-3.3	-1.2	-0.2	-5.2	0.7		-3.1	
28	727.877	1433.3	-2.4	0.4	0.4	-5	0		-3.8	
28	727.577	1433.4	-0.9	2	1.1	-4.5	-0.7		-4.6	
28	727.277	1433.7	-0.4	2.6	1.8	-4.8	-1.2		-5.2	
28	726.977	1433.8	-0.1	1.9	2.1	-4	-1.6		-5	
28	726.677	1433.7	0	2.8	2.2	-4.1	-2	17743644	-4.8	
28	726.377	1433.5	0.8	4.4	2.2	-3.1	-2.4	16357422	-4.6	
28	726.077	1433	0.7	4.4	1.7	-2.9	-2.7	15625000	-4.2	
28	725.777	1432.3	0.5	3.7	0.9	-1	-2.9	15509259	-3	
28	725.477	1432.3	0.4	4.2	0.3	-0.7	-2.6	15861743	-2	
28	725.177	1432.4	0.8	4.6	-0.2	-0.6	-2.1	16750000	-1.5	
28	724.877	1432.8	1	4.2	-0.6	-0.5	-1.4	18206522	-1.4	
28	724.577	1433	0	4	-0.8	-1.3	-0.8		-0.9	
28	724.277	1433.3	0.2	2.4	-0.8	-0.4	-0.3		-0.4	
28	723.977	1433.9	0.5	3	-0.4	-0.3	0.3		-0.2	
28	723.677	1434.8	0.5	3.4	0	0.2	1		-0.2	
28	723.377	1435.4	0.4	3	0.3	0.8	1.7		-0.1	
28	723.077	1435.9	0.6	2	0.6	0.9	2.1		-0.3	
28	722.777	1436	0.8	2.6	0.8	0.6	2.1		-0.8	
28	722.477	1435.8	0.6	2.1	0.6	0.2	1.9		-1.3	
28	722.177	1435.5	0.9	2.6	0.5	0.7	1.6		-1.7	
28	721.877	1435.1	0.4	1.5	0.4	-0.2	1.4		-1.9	
28	721.577	1434.5	0.4	-0.1	0	-0.6	1	19567757	-2.6	
28	721.277	1434.5	-0.4	-0.1	0	-1.6	0.8	17161885	-2.8	
28	720.977	1434.4	-1.5	-0.9	-0.3	-2.1	0.6	15742481	-2.7	
28	720.677	1434	-1.5	-0.7	-0.4	-2.6	0.1	15282847	-3	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
28	720.377	1433.8	-2	-1.4	-0.5	-3.1	-0.2	15861743	-3.1	
28	720.077	1433.8	-2.7	-1.3	-0.4	-3.3	-0.4	17447917	-2.9	
28	719.777	1433.7	-2.9	-1.2	-0.3	-3.4	-0.5		-3	
28	719.477	1433.3	-2.7	-0.3	-0.4	-3.2	-0.8		-3.2	
28	719.177	1433.1	-3.6	-0.8	-0.4	-3.5	-0.8		-2.7	
28	718.877	1432.7	-3.7	-1	-0.7	-3.4	-0.8		-2.7	
28	718.577	1432.7	-4.5	-1.8	-0.8	-3.4	-0.6		-2.1	
28	718.277	1432.7	-4.5	-1.2	-0.5	-3.3	-0.5		-2.1	
28	717.977	1433.1	-4.8	-1.9	-0.3	-3.6	-0.1		-2.1	
28	717.677	1433.5	-5.2	-2.4	-0.4	-3.7	0.4		-1.7	
28	717.377	1433.6	-5.8	-3	-0.7	-3.8	0.8		-1.1	
28	717.077	1433.9	-5.8	-3.1	-0.9	-3.9	1.3		-0.9	
28	716.777	1434	-5.9	-3.7	-1.1	-3.6	1.6		-0.7	
28	716.477	1434	-5.5	-4	-1	-3.7	1.5		-0.7	
28	716.177	1433.9	-4.9	-3.1	-1	-3	1.3		-1	
28	715.877	1433.4	-5	-3.2	-1.1	-2.9	1		-0.9	
28	715.577	1433.1	-4.6	-1.3	-1.2	-2.5	0.7		-1	
28	715.277	1433.1	-3.7	-1.3	-0.9	-2	0.4	19034091	-1.6	
28	714.977	1433.3	-3.2	-2.3	-0.4	-1.3	0.1	14243197	-1.7	
28	714.677	1433.6	-2.9	-2.5	0.1	-1.2	-0.2	11829096	-1.9	
28	714.377	1434	-2.5	-2.4	0.6	-1.2	-0.5	10416667	-2.1	
28	714.077	1434.3	-1.3	-1.3	1	-0.1	-0.7	9517046	-2.2	
28	713.777	1434.4	-1.4	-2.2	1	-0.6	-0.6	9063853	-2.1	
28	713.477	1434.3	-1.5	-2.2	1.1	-0.2	-0.5	9063853	-1.8	
28	713.177	1434.1	-1.4	-1.9	0.9	0	-0.3	9560502	-1.7	
28	712.877	1433.7	-1.3	-1.7	0.5	0	-0.2	10521357	-1.4	
28	712.577	1433.7	-1.4	-2.2	0.2	-0.1	0.1	11896307	-1.1	
28	712.277	1433.6	-1.3	-2.3	-0.2	0.8	0.3	13508065	-0.7	
28	711.977	1433.7	-0.9	-0.9	-0.5	1.3	0.6	15282847	-0.6	
28	711.677	1434	-1.3	-1.5	-0.6	1	0.9	17161885	-0.4	
28	711.377	1434.1	-0.9	-1.4	-0.6	1.1	0.9	18862613	-0.6	
28	711.077	1434	-1.1	-1.6	-0.7	1.4	0.9		-0.6	
28	710.777	1433.9	-1.6	-2	-0.9	0.4	0.8		-0.9	
28	710.477	1433.7	-1.6	-2.2	-0.8	0.3	0.6		-1.3	
28	710.177	1433.5	-1.5	-2.3	-0.9	0.4	0.4		-1.5	
28	709.877	1433.4	-2.8	-3.4	-0.8	-0.9	0.2	18694197	-1.8	
28	709.577	1433.2	-3.2	-4.1	-0.8	-1.5	-0.1	17161885	-1.6	
28	709.277	1433.1	-4.1	-4.5	-0.9	-1.7	-0.3	15625000	-1.5	
28	708.977	1433.2	-3.9	-4.3	-0.6	-1.7	-0.5	14340754	-1.4	
28	708.677	1433.4	-4.6	-4.2	-0.1	-2.4	-0.8	13251582	-1.5	
28	708.377	1433.8	-4.4	-2.9	0.5	-1.9	-0.9	12389053	-1.4	
28	708.077	1434.1	-5.2	-3.7	1.1	-2	-1	11567680	-0.8	
28	707.777	1434.4	-5.4	-3.4	1.6	-1.7	-1	11019737	-0.2	
28	707.477	1434.4	-6.1	-3.4	1.9	-1.9	-1.1	10792526	0.1	
28	707.177	1434.5	-5.6	-2.7	2.2	-1	-1.1	10792526	0	
28	706.877	1434.6	-6.5	-3.8	2.1	-2	-0.9	11136968	0.1	
28	706.577	1434.6	-6.2	-2.6	1.9	-2.2	-0.8	11762641	-0.2	
28	706.277	1434.6	-6.2	-2.5	1.4	-1.9	-0.3	12537425	-0.1	
28	705.977	1434.6	-6.1	-1.6	0.6	-2.5	0.4	13251582	-0.4	
28	705.677	1434.3	-6.3	-1.8	-0.5	-2.3	1	13958333	-0.4	
28	705.377	1434	-6.3	-1.5	-1.4	-2.5	1.3	14641608	-0.3	
28	705.077	1433.8	-5.4	-0.2	-2	-1.2	1.6	15395221	-0.2	
28	704.777	1433.6	-6.1	-0.3	-2.5	-2.2	1.6	16105769	-0.1	
28	704.477	1433.6	-4.8	1	-2.6	-0.3	1.6	16486221	-0.3	
28	704.177	1433.7	-4.6	1.3	-2.5	-0.7	1.6	16486221	-0.2	
28	703.877	1433.6	-4.2	1.3	-2.4	-0.2	1.4	15982825	-0.3	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
28	703.577	1433.5	-3.7	1.2	-2	-0.2	1	15509259	-0.6	
28	703.277	1433.6	-3.6	1.4	-1.2	-0.2	0.5	15062950	-1.2	
28	702.977	1433.9	-2.7	1.9	-0.4	-0.2	0.1	14744718	-1.8	
28	702.677	1434.1	-2.7	1	0	-0.5	-0.2	14340754	-2.1	
28	702.377	1434.4	-2.4	0.8	0.4	-0.4	-0.2	14146960	-2.5	
28	702.077	1434.6	-3	-0.1	0.5	-2	-0.2	14052014	-2.8	
28	701.777	1434.7	-1.9	0.6	0.4	-1.2	-0.1	14439655	-3.1	
28	701.477	1434.5	-2.4	-1.1	0.1	-2.1	-0.1	15509259	-3.1	
28	701.177	1434.4	-2.1	-0.7	0	-2.2	0	17303719	-3.2	
28	700.877	1434.4	-2.8	-1.3	-0.1	-2.9	0.1		-3.2	
28	700.577	1434.4	-2.4	-1	-0.4	-2.5	0.1		-2.9	
28	700.277	1434.9	-3.1	-1.8	-0.5	-3.1	0.4		-2.7	
28	699.977	1434.9	-2.9	-1.5	-0.7	-2.7	0.4		-2.2	
28	699.677	1435.1	-2.8	-1.5	-0.9	-1.8	0.5		-1.8	
28	699.377	1435.2	-2.9	-2	-0.8	-2.4	0.4		-1.5	
28	699.077	1435.4	-2.5	-1.2	-0.7	-1.3	0.4		-1	
28	698.777	1435.3	-2.4	-1.5	-0.6	-1.2	0.4		-0.5	
28	698.477	1435.2	-2.7	-1.6	-0.8	-0.2	0.5		0	
28	698.177	1435.5	-2.9	-1.3	-0.7	-0.3	0.7		0.4	
28	697.877	1435.8	-2.6	-1	-0.6	0.5	0.8		0.4	
28	697.577	1436.1	-2.4	-0.9	-0.3	0.8	0.8		0.7	
28	697.277	1436.4	-2.6	0.2	0	0.7	0.8		0.7	
28	696.977	1436.6	-2.1	1.1	0.4	1.1	0.7	16617064	0.6	
28	696.677	1436.9	-2	2.1	0.7	0.4	0.6	13865894	0	
28	696.377	1436.7	-1.4	2.5	0.8	0.8	0.4	12102601	-0.3	
28	696.077	1436.7	-2.1	2.5	0.9	-0.3	0.4	11136968	-0.6	
28	695.777	1436.5	-2	2.4	0.8	-0.3	0.2	10848446	-1.2	
28	695.477	1436.4	-2.2	3	0.8	-0.9	0	11019737	-1.6	
28	695.177	1436.3	-2	3.4	0.6	-1.3	-0.3	11441257	-1.9	
28	694.877	1436	-2.4	3.7	0.3	-1.8	-0.5	12033046	-2	
28	694.577	1435.8	-2.3	3.3	0	-2.1	-0.5	12462798	-2.3	
28	694.277	1435.7	-2.2	4.3	-0.1	-2.3	-0.5	12689394	-2.7	
28	693.977	1435.7	-2.6	3.6	-0.1	-3.4	-0.3	12766768	-3	
28	693.677	1435.5	-2	4.2	-0.3	-3	-0.2	12537425	-3.1	
28	693.377	1435.4	-2.9	3.2	-0.2	-3.7	-0.1	11896307	-2.9	
28	693.077	1435.4	-3.2	3.1	-0.1	-3.6	0	11019737	-2.5	
28	692.777	1435.8	-2.8	3.5	0.3	-3.4	0.2	10163835	-2.5	
28	692.477	1436	-2.5	2.9	0.7	-2.8	0.3	9389014	-2.3	
28	692.177	1436	-2.9	3.2	0.8	-2.7	0.4	8909575	-1.9	
28	691.877	1435.8	-3.2	1.6	1	-2.6	0.2	8616255	-1.6	
28	691.577	1435.6	-3	1.6	0.9	-2.4	-0.1	8476721	-1.3	
28	691.277	1435.4	-2.1	2.1	1	-1.3	-0.5	8476721	-1	
28	690.977	1434.9	-2.2	1.5	0.7	-0.5	-0.8	8616255	-0.6	
28	690.677	1434.5	-2.1	1.5	0.6	-0.2	-1.2	8834388	-0.4	
28	690.377	1434.2	-1.7	1	0.3	0.4	-1.4	9143013	-0.2	
28	690.077	1434	-1.6	1.1	0.1	0.3	-1.6	9517046	0.1	
28	689.777	1433.8	-1.8	0.6	-0.1	1.1	-1.6	9876179	0.8	
28	689.477	1433.6	-2.1	0.9	-0.2	0.9	-1.5	10365099	1.1	
28	689.177	1433.8	-1.2	0.7	-0.2	2.4	-1.1	10848446	1	
28	688.877	1434.2	-1.5	0.9	0	1.3	-0.5	11379076	1.1	
28	688.577	1434.5	-1.6	0.5	0.2	1.8	0	12172965	0.9	
28	688.277	1434.8	-1.3	1.5	0	1.6	0.7	13335987	0.8	
28	687.977	1434.9	-1.8	0.6	-0.2	0.5	1.1	15062950	0.6	
28	687.677	1434.9	-1.1	2	-0.4	0.7	1.4	17303719	0.1	
28	687.377	1435	-1.3	1.6	-0.5	0.2	1.5	19752359	-0.6	
28	687.077	1434.7	-0.6	2.2	-0.9	0.6	1.6		-1.1	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
28	686.777	1434.6	-2.1	0.8	-1.2	-2	1.6		-1.7	
28	686.477	1434.1	-1.4	1.1	-1.6	-1.7	1.4		-2.1	
28	686.177	1433.8	-2.9	-0.5	-2	-2.8	1.2		-2.4	
28	685.877	1433.6	-2.2	0.5	-2.2	-3.8	0.9		-3.1	
28	685.577	1433.7	-1.7	1.2	-2	-3.4	0.7	19752359	-3.9	
28	685.277	1433.8	-1.8	0.8	-1.8	-4.7	0.6	18206522	-4.5	
28	684.977	1434.1	-2.4	0	-1.5	-5.2	0.7	17022358	-4.7	
28	684.677	1434.4	-2.4	0.2	-1.2	-5.4	1	16230620	-4.5	
28	684.377	1434.6	-2.3	-0.2	-1	-4.7	1.3	16105769	-4.3	
28	684.077	1434.4	-2.1	-0.1	-1	-4.1	1.5	16486221	-3.5	
28	683.777	1434.7	-3.3	-1.9	-0.5	-4.1	1.7	17594538	-3	
28	683.477	1435	-1.7	0.4	-0.1	-2.7	1.9	18694197	-2.8	
28	683.177	1435.1	-2.5	-0.5	0.1	-3.3	1.9	19940476	-2.1	
28	682.877	1435	-2	0.2	0.3	-2.2	1.7		-1.6	
28	682.577	1434.8	-2.4	-0.4	0	-1.1	1.5		-0.6	
28	682.277	1434.5	-2.4	0	-0.1	-0.5	1		-0.1	
28	681.977	1434.1	-1.7	0.6	-0.5	0.4	0.6		0.2	
28	681.677	1433.7	-1.6	0.6	-0.6	0.4	0.3		0.7	
28	681.377	1433.2	-1.5	1.1	-1	1.7	-0.1		0.9	
28	681.077	1432.8	-1.5	0.5	-1.3	1	-0.4		0.9	
28	680.777	1432.5	-0.9	2	-1.5	1.7	-0.5	18528761	0.6	
28	680.477	1432.1	-1	2.2	-1.7	1	-0.7	16750000	0.3	
28	680.177	1432.5	-1.3	1.5	-1.4	1.3	-0.5	15172102	0.3	
28	679.877	1432.9	-1.6	0.9	-1.1	1.2	-0.4	13774671	0.1	
28	679.577	1433.4	-1.4	1.5	-0.5	1	-0.5	12612952	-0.3	
28	679.277	1433.7	-0.5	2.7	-0.1	1.1	-0.5	11631945	-0.8	
28	678.977	1433.9	-1.2	1.8	0.3	0.2	-0.5	10904948	-1.3	
28	678.677	1433.9	-1.5	0.6	0.6	-0.4	-0.8	10416667	-1.8	
28	678.377	1434	-1.5	0.7	1.1	-1.1	-1	10066106	-2.3	
28	678.077	1434	-1.3	0.8	1.5	-1.2	-1.1	9922986	-3	
28	677.777	1434	-2.2	-0.5	1.4	-1.6	-1	9922986	-2.9	
28	677.477	1434.3	-3	-1.4	1.5	-1.9	-0.7	10066106	-2.7	
28	677.177	1434.6	-3.7	-1.9	1.5	-2	-0.4	10314040	-2.2	
28	676.877	1434.9	-3.1	-1	1.3	-1.4	0.1	10682398	-2	
28	676.577	1435	-3.8	-2.6	1	-1.7	0.5	11317568	-1.6	
28	676.277	1435.3	-4.3	-2.8	1.1	-1.5	0.9	12033046	-1.5	
28	675.977	1435.2	-4.5	-2.9	0.7	-1.3	1	13004659	-1.1	
28	675.677	1435.1	-5.2	-3.9	0.5	-1.5	1	14243197	-0.4	
28	675.377	1434.7	-5.7	-3.9	0.3	-0.4	0.9	15861743	0.8	
28	675.077	1434.1	-5.9	-4.8	0	0.5	0.5	17895299	1.4	
28	674.777	1433.6	-6.4	-5.1	-0.4	0.8	0.1		2	
28	674.477	1433.3	-6.8	-6.2	-0.4	1	-0.4		2.6	
28	674.177	1433.1	-6.2	-4.1	-0.2	3	-0.8		2.8	
28	673.877	1432.8	-7	-5.6	-0.4	1.8	-1.1		3.2	
28	673.577	1433.1	-7	-4.1	-0.4	1.9	-0.9		3.4	
28	673.277	1433.1	-7	-4.8	-0.2	2.1	-0.8		3.2	
28	672.977	1433.1	-6.8	-5.1	-0.3	2.8	-0.6		2.5	
28	672.677	1433	-7.1	-5.3	-0.3	1.3	-0.4		1.9	
28	672.377	1433.2	-6.8	-4.4	-0.2	0.5	0	-2E+07	0.7	
28	672.077	1433.2	-7.3	-4.9	-0.2	-1	0.1	-1.7E+07	-0.7	
28	671.777	1433.2	-9.1	-6.8	-0.4	-3.5	0.4	-1.6E+07	-1.2	
28	671.477	1433.4	-6.9	-4.8	-0.3	-1.1	0.4	-1.6E+07	-1.8	
28	671.177	1433.5	-6.5	-3.2	-0.5	-2.5	0.4	-1.7E+07	-2.7	
28	670.877	1433.2	-6.5	-4.8	-0.8	-2.8	0.2	-2E+07	-3.3	
28	670.577	1433.3	-8.4	-5.9	-0.5	-5.4	0		-3.7	
28	670.277	1433.4	-7.1	-5.1	-0.3	-4.1	-0.1		-4	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
28	669.977	1433.3	-6.8	-4.4	-0.4	-4.4	-0.2		-4.3	
28	669.677	1433.3	-7.2	-4.8	-0.3	-4.6	-0.2		-4.4	
28	669.377	1433.4	-7.3	-5.6	-0.4	-3.5	-0.1		-4.3	
28	669.077	1433.7	-8.3	-6.7	-0.4	-5.3	0.1		-3.7	
28	668.777	1434.2	-6.4	-4.9	-0.3	-3.7	0.4		-3.7	
28	668.477	1434.5	-7.1	-5.6	-0.3	-4.1	0.7		-3	
28	668.177	1434.6	-6.5	-5.6	-0.5	-2	1		-2.4	
28	667.877	1434.6	-6.9	-5.9	-0.7	-2.3	1.1		-1.7	
28	667.577	1434.6	-6.7	-5.4	-0.8	-2.2	1.1		-1.2	
28	667.277	1434.4	-6.8	-5.2	-0.9	-1.9	1		-0.7	
28	666.977	1434.5	-7	-5.6	-0.6	-1.3	0.9		-0.2	
28	666.677	1434.5	-6.4	-5.9	-0.5	-0.3	0.5		0.1	
28	666.377	1434.8	-6.2	-5	-0.2	-0.5	0.3		0.4	
28	666.077	1435	-5.4	-3.9	0.2	-0.1	-0.1		0.3	
28	665.777	1435	-5.4	-3.9	0.7	-0.3	-0.5		0.5	
28	665.477	1435.1	-5.4	-4.1	0.9	-0.3	-0.8		0.6	
28	665.177	1435.3	-4.6	-2.4	1.2	0.5	-0.9		0.8	
28	664.877	1435.3	-4	-1	1.7	0.2	-1		0.4	
28	664.577	1435.1	-4.5	-0.8	1.8	0.7	-1.1		0.7	
28	664.277	1435.2	-3.7	-0.6	2	1.1	-1.1		0.9	
28	663.977	1435.2	-4.1	-0.3	2.2	0.4	-1.1		1.1	
28	663.677	1435.3	-2.9	1.4	2.4	1.5	-1.2		0.7	
28	663.377	1435.1	-2.8	1.7	2.3	1.7	-1.2		1	
28	663.077	1435.4	-2	3.2	2.1	2.8	-0.9		0.6	
28	662.777	1435.4	-1.9	3.8	1.8	2	-0.8		0.9	
28	662.477	1434.9	-0.7	5.2	1.2	2.9	-0.7		0.3	
28	662.177	1434.2	-2	4.4	0.4	2.6	-0.5		1	
28	661.877	1434.1	-1.3	5.5	-0.1	2.1	-0.1		0.3	
28	661.577	1433.5	-0.7	5.5	-1	1.9	0.2		-1	
28	661.277	1433.3	-1.9	5.1	-1.5	-0.2	0.7		-1.2	
28	660.977	1432.9	-1.5	5.5	-2	-0.2	1		-1.7	
28	660.677	1433.2	-3	4	-2.1	-2.4	1.4		-1.8	
28	660.377	1433.4	-1.4	5.4	-2	-1.7	1.6		-3.2	
28	660.077	1433.5	-2.7	4.4	-1.7	-4.1	1.7		-2.9	
28	659.777	1433.6	-2.8	4	-1.4	-3	1.7		-3	
28	659.477	1433.4	-2.6	4.7	-1.4	-4.3	1.5		-3	
28	659.177	1433.3	-3	6.1	-1.2	-3.7	1.4		-2.6	
28	658.877	1433	-2.8	4.1	-1.1	-3.4	1		-2.3	
28	658.577	1432.7	-3.1	3.4	-0.9	-3.6	0.7		-2	
28	658.277	1432.5	-2.7	3.8	-0.9	-2	0.4		-1.8	
28	657.977	1432.2	-3.8	4.6	-1	-2.8	0.1		-0.8	
28	657.677	1432.1	-2.3	4.8	-1	-1.2	-0.1		-0.7	
28	657.377	1432.3	-3.5	3.3	-0.8	-1	-0.1		0.2	
28	657.077	1432.5	-1.3	5.9	-0.5	0	-0.1		-0.4	
28	656.777	1432.8	-3.2	4.1	-0.3	0.1	0		0.4	
28	656.477	1432.9	-1.5	6.8	-0.3	0.9	0.1		0.4	
28	656.177	1432.9	-1.5	4.9	-0.2	1.3	0.1		0	
28	655.877	1432.8	-1.9	5.2	-0.3	0.2	0.1		-0.1	
28	655.577	1432.9	-2.3	4.2	-0.1	1.1	0.2		0.1	
28	655.277	1432.9	-0.9	6	-0.1	0.9	0.2		-0.6	
28	654.977	1432.9	-1.8	4.9	-0.2	0.7	0.3		-0.7	
28	654.677	1432.9	-0.9	5.9	-0.1	-0.5	0.2		-1.4	
28	654.377	1432.9	-2.7	4.3	-0.1	0.2	0.2	15742481	-0.8	
28	654.077	1433.1	-1.2	5.2	0.3	-0.1	0.1	12537425	-1.3	
28	653.777	1433.3	-2.5	3.7	0.5	-0.9	0	10416667	-0.8	
28	653.477	1433.4	-1.6	3.8	0.9	-0.8	-0.3	8909575	-1.4	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
28	653.177	1433.3	-2.7	2.7	1.1	-0.6	-0.6	7930871	-0.8	
28	652.877	1433.5	-2.4	3	1.3	-1	-0.8	7398410	-0.6	
28	652.577	1433.3	-2.8	1.8	1.4	-0.4	-1.1	7170377	-0.1	
28	652.277	1433.1	-2.2	1.8	1.5	-0.5	-1.4	7170377	-0.6	
28	651.977	1432.7	-4.3	0.2	1.4	-0.8	-1.8	7398410	0.5	
28	651.677	1432.6	-3.2	0.5	1.2	0.2	-1.9	7961027	0.7	
28	651.377	1432.7	-3.2	0.9	1.1	1	-1.8	8947650	1	
28	651.077	1432.8	-2.6	0.3	0.9	0.7	-1.6	10792526	0.4	
28	650.777	1432.8	-3.5	-0.7	0.8	0.5	-1.4	14146960	0.7	
28	650.477	1433.1	-3	-1	0.6	0.6	-1.1		0.2	
28	650.177	1433.1	-3.2	-1.3	0.5	0.6	-0.9		0.4	
28	649.877	1433.1	-3.7	-3	0.5	-0.6	-0.8		0	
28	649.577	1433.3	-3.2	-1.2	0.5	0.6	-0.5		-0.4	
28	649.277	1433.5	-4.3	-3	0.6	-1	-0.2		-0.5	
28	648.977	1433.5	-3.8	-3.1	0.2	-0.1	0.1	-1.5E+07	-0.5	
28	648.677	1433.7	-4.2	-2.3	0.1	-1.4	0.4	-1.2E+07	-0.9	
28	648.377	1433.5	-3.9	-2.4	-0.3	-1	0.6	-1E+07	-1.2	
28	648.077	1433.6	-4.4	-1.4	-0.6	-2	0.9	-9648618	-1.4	
28	647.777	1433.6	-3.9	-2.5	-0.8	-1.7	1.1	-9264381	-1.7	
28	647.477	1433.6	-4	-1.3	-1.1	-1.9	1.4	-9103261	-1.8	
28	647.177	1433.8	-4.1	-1.3	-1.4	-2.2	1.7	-9024785	-1.9	
28	646.877	1433.6	-4.4	-1.8	-1.6	-1.8	1.7	-8986052	-1.9	
28	646.577	1433.7	-5.1	-2.1	-1.5	-3.2	1.7	-8909575	-1.8	
28	646.277	1433.6	-4.7	-1.9	-1.5	-2.6	1.5	-8797269	-1.7	
28	645.977	1433.6	-4.7	-1.6	-1.4	-2.5	1.5	-8687760	-1.6	
28	645.677	1433.5	-4.6	-1.9	-1.6	-2.2	1.6	-8616255	-1.5	
28	645.377	1433.5	-4.6	-0.8	-1.7	-1.6	1.7	-8511179	-1.1	
28	645.077	1433.6	-4	-1.7	-2	-1.2	2.1	-8442541	-1.2	
28	644.777	1433.6	-4.4	-0.9	-2.3	-1.7	2.3	-8408635	-1.2	
28	644.477	1433.5	-4.6	-3.3	-2.2	-1.3	2.2	-8476721	-1	
28	644.177	1433.6	-3.7	-0.5	-2.3	-0.1	2.3	-8545919	-0.9	
28	643.877	1433.6	-3.5	-2	-2.3	0.3	2.3	-8616255	-0.8	
28	643.577	1433.4	-3.6	-2.1	-2.4	-0.1	2.2	-8651860	-0.9	
28	643.277	1433.3	-3.5	-1.6	-2	-0.3	1.7	-8723959	-1	
28	642.977	1433.5	-4.3	-2	-1	-1	1	-8797269	-0.7	
28	642.677	1433.4	-3.9	-3	-0.4	-1	0.1	-8760460	-0.6	
28	642.377	1433.4	-3.6	-1.8	0.5	-1	-0.7	-8651860	-0.8	
28	642.077	1433.4	-4.2	-3.3	1.4	-1.3	-1.4	-8442541	-0.9	
28	641.777	1433.5	-3.9	-1.2	2.1	-1.7	-2.1	-8243110	-1.2	
28	641.477	1433.6	-4.5	-3.3	2.9	-2.5	-2.7	-8022031	-1.1	
28	641.177	1433.5	-4.1	-1.6	3.5	-1.9	-3.3	-7783457	-0.7	
28	640.877	1433.6	-3.8	-2.2	3.8	-1.6	-3.6	-7451068	-0.7	
28	640.577	1433.6	-3.4	-0.7	3.8	-1.1	-3.8	-7026007	-0.9	
28	640.277	1433.7	-3.1	-0.7	3.9	-1.5	-3.7	-6563480	-1.2	
28	639.977	1433.5	-2.5	0.3	3.6	-1.7	-3.5	-6140030	-1.6	
28	639.677	1433.3	-2.9	-0.7	3.2	-1.9	-3.2	-5752061	-1.7	
28	639.377	1433.3	-3.2	1.1	2.9	-2.6	-2.9	-5368590	-1.9	
28	639.077	1433.2	-2.7	0.5	2.7	-2.2	-2.7	-4985119	-2.1	
28	638.777	1433.3	-2.2	1	2.5	-1.8	-2.3	-4601649	-1.9	
28	638.477	1433.5	-2.2	0.4	2.1	-1.8	-1.7	-4229798	-1.8	
28	638.177	1433.6	-2.1	1.4	1.6	-1.9	-1.3	-3891729	-1.7	
28	637.877	1433.7	-1.6	1.4	1	-2.1	-0.8	-3572953	-1.8	
28	637.577	1433.4	-1.1	2.1	0.5	-1.8	-0.5	-3281740	-1.6	
28	637.277	1433.2	-1.2	2.5	0.2	-1.3	-0.3	-3012590	-1.3	
28	636.977	1433	-1.1	2.1	-0.2	-0.9	-0.2	-2773179	-1.4	
28	636.677	1432.8	-0.7	3.6	-0.5	-1.3	-0.2	-2562730	-1.5	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
28	636.377	1432.6	-0.5	3.3	-0.7	-1.1	-0.2	-2376561	-1.3	
28	636.077	1432.6	-0.7	3.5	-0.9	-0.5	-0.2	-2215609	-1	
28	635.777	1433	-0.4	3.5	-0.6	-0.6	-0.1	-2070970	-1.1	
28	635.477	1433.2	0.5	4.9	-0.6	-0.2	-0.1	-1942255	-1.5	
28	635.177	1433.3	0.8	4.7	-0.2	-0.3	0	-1830202	-1.3	
28	634.877	1433.4	0.6	4.6	-0.1	0.3	0.2	-1727517	-1.3	
28	634.577	1433.5	0	4.1	0.1	-0.3	0.4	-1637022	-1.2	
28	634.277	1433.7	0.9	5.3	0.3	-0.6	0.4	-1561336	-1.7	
28	633.977	1433.6	0.9	6	0.4	-0.6	0.3	-1494469	-1.6	
28	633.677	1433.9	-0.1	4.6	0.7	-0.9	0.1	-1434076	-1.2	
28	633.377	1433.8	0.3	5	0.4	0.4	-0.1	-1378375	-0.8	
28	633.077	1434	0	4.6	0.7	-0.8	-0.4	-1329366	-0.7	
28	632.777	1433.7	0.7	5.3	0.8	-0.2	-0.9	-1285299	-0.7	
28	632.477	1433.4	-0.7	3.3	0.7	-1	-1.4	-1247023	0.1	
28	632.177	1433.1	-0.6	3.8	1.1	0.3	-2	-1211662	0.3	
28	631.877	1433.2	0.4	5	1.6	0.3	-2.4	-1178915	-0.3	
28	631.577	1433.2	0.4	4.1	2	0.1	-2.6	-1149151	-0.6	
28	631.277	1433.6	-0.1	3.4	2.4	-0.4	-2.6	-1122656	-0.9	
28	630.977	1434	-1.3	2.3	3.2	-1.5	-2.8	-1101395	-0.7	
28	630.677	1434.2	-0.3	3.2	3.6	-0.4	-3.1	-1083723	-1.2	
28	630.377	1434.4	-0.3	4	4	-1.1	-3.2	-1070426	-1.4	
28	630.077	1434.7	0.2	4.1	4.2	-0.5	-3.1	-1059056	-2	
28	629.777	1434.5	-1.1	2.5	4.1	-2.1	-3.1	-1050027	-1.9	
28	629.477	1434.3	-1.4	2.8	3.7	-2.7	-3.1	-1042187	-1.9	
28	629.177	1434	-1.5	2.4	3.5	-3.2	-3.2	-1034974	-2.3	
28	628.877	1433.7	-1.2	3.3	3.3	-3.1	-3.4	-1027861	-2.6	
28	628.577	1433.5	-1.3	2.8	3.1	-3.3	-3.6	-1018858	-3	
28	628.277	1433.4	-2.2	1.6	3	-4.2	-3.7	-1006128	-2.4	
28	627.977	1433.5	-1.8	1.6	3.2	-3.3	-3.9	-989954	-2	
28	627.677	1433.8	-1.8	1.3	3.4	-3.8	-4.1	-970229	-1.7	
28	627.377	1433.9	-1.3	1.2	3.7	-2.4	-4.3	-947829	-1.5	
28	627.077	1434.2	-1.6	1.3	4	-1.5	-4.3	-923172	-0.7	
28	626.777	1434.3	-1.6	1.6	4.3	-0.6	-4.5	-897836	0	
28	626.477	1434.1	-1.2	1.5	4.4	0.2	-4.7	-872761	0.4	
28	626.177	1434	-0.7	1.5	4.5	0.1	-4.9	-849049	0	
28	625.877	1434	-0.4	1.8	4.9	1.2	-5.1	-826591	0	
28	625.577	1434.1	-0.6	1.5	4.9	1.1	-5.1	-805290	-0.1	
28	625.277	1434.3	0.4	2	4.9	1.3	-4.9	-785649	-0.6	
28	624.977	1434.5	0.3	1.4	5.2	0	-4.7	-767506	-1.3	
28	624.677	1434.7	-0.3	0.9	5.4	-0.2	-4.4	-750450	-1.4	
28	624.377	1434.9	-0.5	0.6	5.4	-0.1	-4	-734136	-1.5	
28	624.077	1435.1	-0.7	0	5.7	-1.1	-3.7	-718763	-1.7	
28	623.777	1435.2	-0.3	0.2	5.9	-1.5	-3.6	-704020	-2.2	
28	623.477	1435	-1	-0.3	5.7	-1.9	-3.7	-690098	-1.8	
28	623.177	1435.1	-1.8	-1.4	5.9	-2.1	-3.9	-677153	-1.7	
28	622.877	1434.8	-1.1	-1.6	5.6	-2.3	-4.4	-665107	-1.7	
28	622.577	1434.2	-0.8	-1.6	5.3	-2.1	-4.9	-654299	-1.7	
28	622.277	1433.2	-1.4	-2	4.8	-1.4	-5.6	-644630	-1	
28	621.977	1432.6	-2.2	-2.2	4.4	-1.6	-6.2	-635821	-0.9	
28	621.677	1432.1	-1.4	-2.3	4.1	-0.7	-6.7	-627814	-0.8	
28	621.377	1431.9	-1.3	-2.2	4.1	-1	-7	-620373	-0.9	
28	621.077	1431.9	-1.4	-1.3	4.2	-0.2	-6.9	-612748	-0.8	
28	620.777	1432.2	-2.2	-2.5	4.3	-0.5	-6.7	-605308	-0.8	
28	620.477	1432.9	-1.3	-1.3	4.8	-0.8	-6.2	-597875	-1.2	
28	620.177	1433.1	-1	-1.7	5.3	-1.1	-5.8	-590290	-1.5	
28	619.877	1433.4	-1.7	-1	5.8	-1.1	-5.2	-582247	-1.3	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
28	619.577	1433.9	-2.5	-1.9	6.5	-1.4	-4.7	-573947	-1.4	
28	619.277	1434.3	-2.3	-2.7	6.9	-2	-4.3	-565423	-1.6	
28	618.977	1434.4	-2.1	-2.5	6.9	-2	-4.1	-556703	-1.7	
28	618.677	1434.2	-3	-2.9	6.6	-2.6	-4.1	-547962	-1.3	
28	618.377	1434.2	-3.2	-1.9	6.3	-2	-4.3	-539073	-1.4	
28	618.077	1433.7	-2.3	-2	5.6	-2	-4.7	-530200	-1.5	
28	617.777	1433.1	-2	-1.7	5	-2.3	-5.1	-521615	-1.7	
28	617.477	1432.3	-2.4	-2.6	4.4	-2	-5.6	-513429	-1.4	
28	617.177	1431.6	-2.9	-1.8	4	-1.8	-6.2	-505618	-1.4	
28	616.877	1431.3	-2.4	-1	3.8	-1.9	-6.6	-498041	-1.5	
28	616.577	1431.3	-2.3	-0.8	4	-1.7	-6.9	-490918	-1.5	
28	616.277	1431.6	-1.9	-0.7	4.4	-0.7	-6.9	-484443	-1.5	
28	615.977	1432.2	-2.9	-1.6	4.9	-1.4	-6.9	-478684	-1.4	
28	615.677	1432.8	-2.2	0	5.5	-1.8	-6.8	-473488	-1.6	
28	615.377	1433.4	-1.8	0	6	-1.5	-6.6	-468509	-1.7	
28	615.077	1433.6	-1.8	0	6.2	-1.2	-6.3	-463427	-1.4	
28	614.777	1433.8	-2.5	-1.2	6.4	-1.4	-6	-458255	-1.3	
28	614.477	1434	-1.8	-0.2	6.6	-1.4	-5.8	-453000	-1.5	
28	614.177	1434.1	-2.1	-0.5	6.5	-1.8	-5.7	-447577	-1.5	
28	613.877	1434	-2.5	-1.3	6.5	-1.9	-5.8	-441909	-1	
28	613.577	1434.3	-2.5	-1.8	6.6	-0.8	-5.9	-436201	-0.8	
28	613.277	1434.6	-1.8	-1.4	6.6	-0.8	-5.9	-430551	-1	
28	612.977	1434.9	-2	-1.4	6.8	-1.1	-6	-424958	-1	
28	612.677	1435.1	-1.7	-2.1	7.1	-1.4	-6.1	-419930	-1	
28	612.377	1435.2	-1.9	-2.2	7.3	-0.7	-6.2	-415266	-1	
28	612.077	1435.1	-1.3	-1	7.3	-1.2	-6.5	-411188	-1.2	
28	611.777	1435.2	-1.3	-0.8	7.6	-1.1	-6.6	-407507	-1.5	
28	611.477	1435	-1.3	-0.6	7.6	-0.9	-6.6	-404125	-1.2	
28	611.177	1435	-2.1	-1.8	7.8	-1.4	-6.8	-400952	-1.2	
28	610.877	1435	-1.7	-0.7	7.9	-1.8	-7	-397904	-1.3	
28	610.577	1434.9	-1.9	-0.1	7.9	-2.2	-7.4	-394902	-1.5	
28	610.277	1434.6	-0.8	0.3	7.8	-1	-7.7	-391652	-1.2	
28	609.977	1434.5	-1.9	-1.1	7.8	-1.6	-8	-388239	-0.9	
28	609.677	1434.5	-0.9	0.5	8	-0.9	-8.3	-384531	-1	
28	609.377	1434.4	-1.2	1	7.9	-1.1	-8.6	-380548	-0.8	
28	609.077	1434	-0.8	0.6	7.9	0.1	-9	-376307	0	
28	608.777	1433.8	-1.2	0.1	7.8	0.8	-9.4	-371962	0.2	
28	608.477	1433.6	-0.7	0.7	8	0.7	-9.9	-367522	0	
28	608.177	1433.8	-0.3	1.9	8.4	1.2	-10.2	-363124	-0.2	
28	607.877	1433.9	-0.3	1	9.1	0.4	-10.4	-358892	-0.4	
28	607.577	1434.2	-0.5	0.5	9.6	0.9	-10.5	-354998	-1	
28	607.277	1434.5	-0.8	0.9	10.1	-1	-10.6	-351482	-1.5	
28	606.977	1435	-0.6	1.9	10.7	-1.2	-10.6	-348440	-2.2	
28	606.677	1435.3	-0.5	1.8	11.4	-1.2	-10.6	-345736	-2.5	
28	606.377	1435.7	-1.4	0.7	11.8	-1.5	-10.4	-343355	-2.7	
28	606.077	1436	-1	2	11.9	-1.9	-10.1	-341062	-3.1	
28	605.777	1436.2	-1.6	1.6	11.8	-2.9	-9.9	-338909	-3.2	
28	605.477	1435.9	-1.3	1	11.5	-2.6	-9.8	-336783	-3.2	
28	605.177	1435.7	-3	-1	11.1	-3.3	-9.8	-334630	-2.8	
28	604.877	1435.5	-1.7	0.7	10.8	-2.1	-9.8	-332399	-2.8	
28	604.577	1435.4	-2	0.9	10.4	-2.3	-9.7	-330041	-2.8	
28	604.277	1435.1	-2.9	-0.5	9.9	-2.6	-9.6	-327614	-2.2	
28	603.977	1434.9	-3.9	-1.6	9.6	-2.1	-9.7	-325172	-1.8	
28	603.677	1434.9	-3.7	-1.8	9.4	-2.7	-9.8	-322816	-1.9	
28	603.377	1434.9	-3.4	-0.5	9.2	-1.9	-10	-320493	-1.9	
28	603.077	1434.6	-3.5	-1.3	9	-1.8	-10.3	-318107	-1.6	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
28	602.777	1434.6	-4.4	-2.6	8.8	-1.3	-10.3	-315709	-1.4	
28	602.477	1434.4	-4.1	-2.3	8.8	-2.4	-10.5	-313300	-1.5	
28	602.177	1434.4	-4.4	-1.9	8.8	-2.2	-10.6	-310743	-1.5	
28	601.877	1434.2	-4.5	-2.7	8.9	-1.6	-10.8	-308091	-1.1	
28	601.577	1434.3	-5.7	-3.6	9.3	-2.1	-11	-305261	-0.9	
28	601.277	1434.5	-4.8	-2.3	9.8	-1.8	-11.1	-302352	-1	
28	600.977	1435.2	-5.1	-2.6	10.3	-2.2	-10.9	-299455	-1.2	
28	600.677	1435.8	-5.3	-3.5	10.9	-2.3	-10.7	-296528	-0.8	
28	600.377	1436.4	-5.9	-3.9	11.5	-2.2	-10.6	-293741	-0.9	
28	600.077	1436.7	-4.7	-3	11.8	-2	-10.5	-291168	-0.9	
28	599.777	1437	-5.5	-3.6	11.9	-2.4	-10.4	-288719	-0.8	
28	599.477	1437.1	-5.1	-3.8	12	-1.9	-10.4	-286428	-0.5	
28	599.177	1437.1	-5.1	-3.8	12.1	-1.2	-10.5	-284366	-0.5	
28	598.877	1436.8	-4.2	-2.9	11.7	-1.5	-10.6	-282601	-0.6	
28	598.577	1436.7	-4.7	-2.6	11.6	-1.7	-10.9	-281159	-0.6	
28	598.277	1436.6	-4.1	-2.4	11.4	-1.3	-11.2	-280106	-0.5	
28	597.977	1436.4	-4.8	-2.9	11.2	-1	-11.5	-279433	0.2	
28	597.677	1436.4	-3.2	-2.4	11.1	-0.5	-11.5	-279023	0.1	
28	597.377	1436.7	-3.4	-1.5	11.2	-0.2	-11.5	-278763	0	
28	597.077	1436.8	-2.9	-2	11.1	-0.1	-11.4	-278652	0.1	
28	596.777	1436.8	-3	-1.8	11	-0.2	-11.3	-278615	0.2	
28	596.477	1436.9	-1.8	-1	10.9	0	-11.1	-278615	-0.2	
28	596.177	1436.9	-2	-0.8	10.7	0	-11	-278467	-0.3	
28	595.877	1437	-1.3	-0.6	10.4	0.2	-10.8	-278134	-0.4	
28	595.577	1437	-1.4	-1.1	10.3	0.3	-10.7	-277654	-0.5	
28	595.277	1436.9	-0.5	-0.2	10	-0.1	-10.6	-276993	-1	
28	594.977	1437	-1	-0.5	10	-0.6	-10.5	-276226	-1	
28	594.677	1437.1	-0.3	0.5	10.3	-0.3	-10.5	-275427	-1.2	
28	594.377	1437.1	-0.1	0.5	10.8	-0.1	-10.5	-274596	-1.4	
28	594.077	1437.3	0.2	0.7	11.3	-0.8	-10.5	-273806	-2	
28	593.777	1437.6	0.1	1.5	11.8	-0.8	-10.5	-273127	-2.3	
28	593.477	1438.1	0.3	1.3	12.4	-1.3	-10.6	-272523	-2.5	
28	593.177	1438.3	0.4	2	12.9	-0.9	-10.8	-272098	-2.5	
28	592.877	1438.5	0.4	1.7	13.5	-1.7	-11	-271886	-2.8	
28	592.577	1438.3	0.6	3.6	13.4	-1.6	-11.2	-271745	-3.1	
28	592.277	1437.8	0.4	2.1	13.2	-1.4	-11.7	-271674	-2.9	
28	591.977	1436.9	0.3	2.3	12.9	-2	-12.3	-271604	-2.8	
28	591.677	1436.1	-0.1	2.8	12.7	-2.4	-12.9	-271604	-2.5	
28	591.377	1435.7	-0.7	3.2	12.6	-2	-13.2	-271604	-2.1	
28	591.077	1435.6	-0.5	3.2	12.5	-1.5	-13.5	-271569	-1.9	
28	590.777	1435.3	-0.9	2.5	12.4	-1.5	-13.9	-271322	-1.5	
28	590.477	1435.1	-1	2.5	12.1	-1.7	-14.1	-270866	-1.2	
28	590.177	1435.2	-0.9	3.5	12.3	-1	-14	-270237	-0.9	
28	589.877	1435.4	-1.8	2.3	12.8	-1.5	-14.1	-269506	-0.8	
28	589.577	1435.4	-0.9	3.5	13.1	-0.6	-14.1	-268711	-0.8	
28	589.277	1435.3	-0.7	3.8	13.1	-0.8	-13.9	-267886	-1.1	
28	588.977	1435.1	-1.6	4.1	12.7	-1	-13.6	-267100	-0.8	
28	588.677	1435.1	-2.2	2.6	12.4	-1.1	-13.2	-266319	-0.4	
28	588.377	1435.3	-2.3	2.8	12.1	-1.3	-12.7	-265676	-0.2	
28	588.077	1435.6	-1.4	3.9	11.8	-0.3	-12	-265172	-0.1	
28	587.777	1435.6	-2.2	3.7	11.3	-0.8	-11.5	-264870	0	
28	587.477	1435.6	-2.5	2.2	11	-0.7	-11.2	-264602	0.3	
28	587.177	1435.8	-2.5	3	10.9	-1.3	-10.9	-264335	0.5	
28	586.877	1436	-1.8	3.3	11.1	-1	-10.7	-264002	0.6	
28	586.577	1436.2	-2.1	3	11.3	-0.9	-10.6	-263536	0.4	
28	586.277	1436.3	-2.4	1.8	11.7	-1.3	-10.8	-262974	0.4	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
28	585.977	1436.6	-1.5	3.2	12.2	-0.9	-11	-262348	0	
28	585.677	1436.5	-1.3	2.8	12	-1.5	-11.2	-261659	-0.2	
28	585.377	1436.3	-2	2.8	12.2	-1.5	-11.6	-260942	-0.2	
28	585.077	1436.1	-1.2	2	12.2	-0.5	-11.9	-260196	-0.3	
28	584.777	1436.2	-0.5	2.9	12.3	-0.6	-12	-259422	-0.8	
28	584.477	1435.9	0.3	3.2	12	-0.6	-12	-258685	-1.1	
28	584.177	1435.9	0	3	11.6	-1.2	-11.8	-257952	-1.5	
28	583.877	1435.7	0.8	2.6	11.1	-0.2	-11.6	-257224	-1.7	
28	583.577	1435.4	1.2	3.2	10.5	-0.4	-11.5	-256499	-1.6	
28	583.277	1435.7	1.4	2.7	10.7	-0.4	-11.2	-255841	-1.6	
28	582.977	1435.7	0.7	2.1	10.6	0.6	-10.9	-255310	-0.4	
28	582.677	1436	0.6	1.1	10.9	0.3	-10.7	-254844	-0.3	
28	582.377	1436	1.2	2.2	10.8	0.3	-10.7	-254442	-0.4	
28	582.077	1435.9	1.4	1.7	10.9	0	-10.8	-254195	-0.3	
28	581.777	1436	1.4	1.5	11.1	0.6	-10.8	-254133	-0.1	
28	581.477	1436.1	1.1	0.9	11.5	-0.1	-11	-254318	-0.1	
28	581.177	1436.1	1.5	1.4	11.9	-0.1	-11.2	-254689	-0.4	
28	580.877	1436	1.7	1.4	11.9	-0.3	-11.6	-255217	-0.6	
28	580.577	1435.7	1.4	1	12	-0.3	-12	-255934	-0.8	
28	580.277	1435.5	1.2	0.8	12.1	-0.8	-12.4	-256782	-1.2	
28	579.977	1435.6	1.5	0.9	12.4	-1.2	-12.6	-257667	-1.6	
28	579.677	1435.6	2	1.6	12.9	-1.4	-12.7	-258589	-2	
28	579.377	1435.5	1.5	1.2	13.1	-1.8	-12.8	-259519	-2.1	
28	579.077	1435.5	1.5	1.6	13.4	-2	-12.8	-260390	-2.5	
28	578.777	1435.5	1.2	1.9	13.7	-2.7	-12.9	-261072	-2.7	
28	578.477	1435.7	1.5	2	13.9	-2.5	-12.8	-261496	-2.9	
28	578.177	1435.6	1.2	2.1	13.7	-2.6	-12.7	-261594	-2.8	
28	577.877	1435.6	1.1	2.1	13.2	-2.4	-12.4	-261300	-2.7	
28	577.577	1435.5	1.1	2	12.7	-2.8	-12.3	-260779	-2.6	
28	577.277	1435	1.4	3.2	12	-2.8	-12.3	-260131	-2.2	
28	576.977	1434.4	1	1.9	11.4	-2.4	-12.4	-259422	-1.5	
28	576.677	1433.7	1	1.7	11.1	-2	-12.7	-258685	-1	
28	576.377	1433.3	0.9	2.5	10.8	-1.7	-12.8	-258016	-0.6	
28	576.077	1433.2	0.5	2.7	10.6	-2.1	-12.9	-257572	-0.2	
28	575.777	1433.5	0.7	3	10.6	-1	-12.9	-257413	0.4	
28	575.477	1434	0.5	1.9	10.9	-1.1	-12.9	-257508	0.6	
28	575.177	1434.6	1.1	3.3	11.4	-0.8	-12.9	-257857	0.6	
28	574.877	1435	2	4.5	12.1	-0.5	-12.9	-258334	0.3	
28	574.577	1435.2	2.3	4.8	12.6	-0.1	-12.8	-258781	0.2	
28	574.277	1435.2	2.5	4.3	13.2	-0.4	-12.8	-259069	-0.1	
28	573.977	1435.2	2.8	4.9	13.7	-0.4	-12.8	-259134	-0.4	
28	573.677	1435.2	3.3	5.7	13.8	0.2	-12.8	-258973	-0.7	
28	573.377	1435.9	3.1	4.6	14.5	-0.2	-12.7	-258589	-1	
28	573.077	1436.4	3.4	4.7	14.8	0.3	-12.5	-257984	-1.2	
28	572.777	1436.6	3.9	5.9	14.8	0.6	-12.5	-257224	-1.6	
28	572.477	1436.7	4.3	5.5	14.8	0.7	-12.5	-256436	-1.7	
28	572.177	1436.4	4.3	4.8	14.4	0.7	-12.5	-255747	-1.7	
28	571.877	1436	4.7	4.4	14	1	-12.5	-255217	-1.8	
28	571.577	1435.4	4.6	4.6	13.1	1.6	-12.3	-254875	-1.5	
28	571.277	1435.1	4.2	3.4	12.5	1	-12	-254751	-1.4	
28	570.977	1434.6	4	2.8	11.3	0.9	-11.8	-254844	-1.4	
28	570.677	1434.1	3.3	1.9	10.4	0.7	-11.6	-255155	-1.1	
28	570.377	1433.9	2.3	1.6	9.9	0	-11.4	-255684	-0.7	
28	570.077	1433.8	1.8	1.2	9.3	-0.5	-11.2	-256405	-0.5	
28	569.777	1433.7	1.6	0.4	9.4	-1	-11.2	-257192	-0.5	
28	569.477	1433.7	1.2	-0.2	9.5	-1.2	-11.2	-258016	-0.4	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
28	569.177	1433.9	0.3	-1.1	10	-1.8	-11.2	-258845	-0.3	
28	568.877	1434	0.3	-0.8	10.5	-1.8	-11.5	-259648	-0.5	
28	568.577	1434.2	0.3	-1.2	11.3	-2.2	-11.9	-260423	-0.8	
28	568.277	1434.1	-0.3	-2	11.7	-2.3	-12.4	-261137	-0.6	
28	567.977	1434.2	-0.7	-2.1	12.4	-1.9	-12.9	-261856	-0.5	
28	567.677	1434.6	-0.7	-1.9	12.9	-2.2	-13.1	-262512	-0.8	
28	567.377	1434.7	0	-1.5	13.1	-1.8	-13.2	-263238	-1.2	
28	567.077	1434.8	-0.7	-2.7	13.2	-2.5	-13.1	-264035	-1.2	
28	566.777	1434.7	-1	-2.5	13.1	-2.3	-13	-264937	-1.2	
28	566.477	1434.9	-0.9	-2.4	13.2	-2.7	-12.7	-266048	-1.3	
28	566.177	1435.1	-0.6	-1.8	12.7	-2.6	-12.2	-267236	-1.4	
28	565.877	1435.4	-0.5	-2	12.5	-2.5	-11.5	-268470	-1.2	
28	565.577	1435.6	-0.8	-2	12.1	-2	-10.9	-269680	-0.7	
28	565.277	1435.9	-0.4	-1.5	11.8	-2	-10.5	-270831	-0.6	
28	564.977	1435.9	-0.4	-1.5	11.6	-2.7	-10.4	-271851	-0.6	
28	564.677	1435.7	0	-1.4	11.7	-2.2	-10.6	-272843	-0.7	
28	564.377	1435.3	0	-1	11.9	-1.9	-11.1	-273842	-0.7	
28	564.077	1434.9	0.8	-0.2	11.9	-1.1	-11.6	-274848	-0.7	
28	563.777	1434.9	1	0.1	12.2	-1.8	-12.1	-275935	-1.2	
28	563.477	1434.7	2	1.5	12.5	-0.8	-12.7	-277103	-1.4	
28	563.177	1434.6	1.7	1	12.7	-0.7	-13.1	-278356	-1.4	
28	562.877	1434.6	2.7	2.2	12.8	-0.2	-13.3	-279732	-1.6	
28	562.577	1434.7	3.4	2.3	12.8	0.3	-13.2	-281272	-2	
28	562.277	1434.4	3.7	1.7	12.2	0.8	-12.9	-282906	-2.2	
28	561.977	1434.2	3.4	1.1	11.7	0.8	-12.5	-284598	-2.1	
28	561.677	1434.4	3.3	0.8	11.3	0.2	-11.9	-286350	-2	
28	561.377	1434.5	3.8	1	10.8	0.5	-11.4	-288123	-2.2	
28	561.077	1434.4	3.2	-0.1	10.2	0.2	-10.9	-289878	-1.9	
28	560.777	1434.4	2.8	-0.3	10	0.5	-10.6	-291573	-1.5	
28	560.477	1434.4	3	-0.4	9.6	0.1	-10.3	-293248	-1.7	
28	560.177	1434.4	2.6	-1.3	9.5	-0.4	-10.1	-294858	-1.5	
28	559.877	1434.5	1.5	-2.8	9.7	-1.1	-10.1	-296277	-1.2	
28	559.577	1434.7	1	-3.3	10	-0.6	-10.1	-297624	-0.7	
28	559.277	1435.1	1.5	-3.2	10.3	-0.6	-10.2	-299027	-0.8	
28	558.977	1435.3	1.2	-3.4	10.4	-0.7	-10.3	-300486	-0.6	
28	558.677	1435.4	0.2	-4	10.7	-1.1	-10.5	-302090	-0.1	
28	558.377	1435.4	-0.1	-4.1	10.8	-0.5	-10.6	-303888	0.4	
28	558.077	1435.5	-0.3	-3.6	10.9	-0.9	-10.5	-306064	0.6	
28	557.777	1435.3	-0.3	-2.6	10.6	-0.1	-10.4	-308636	0.9	
28	557.477	1435.4	-0.9	-2.7	10.6	0	-10.1	-311529	1.2	
28	557.177	1435.4	-1.6	-3.2	10.4	0.1	-9.9	-314713	1.4	
28	556.877	1435.6	-0.8	-2	10.4	0.5	-9.7	-318011	1.4	
28	556.577	1435.9	-1.1	-1.4	10.5	0.5	-9.4	-321280	1.4	
28	556.277	1436	-0.8	-1.1	10.7	0.8	-9.3	-324366	0.7	
28	555.977	1436	-1.2	-1.5	10.8	0.5	-9.3	-327204	0.2	
28	555.677	1435.9	-0.6	-0.3	10.7	0.3	-9.4	-329729	-0.9	
28	555.377	1435.7	-1.3	-0.6	10.6	-0.4	-9.6	-332030	-1.5	
28	555.077	1435.2	-0.9	-0.2	10.2	-0.1	-10	-334149	-2.2	
28	554.777	1435	-1.5	-1.5	9.9	-0.6	-10.1	-336296	-2.7	
28	554.477	1434.8	-1.2	-0.5	9.2	-0.9	-10	-338690	-2.9	
28	554.177	1434.2	-1.6	-0.6	8.3	-1.1	-10	-341562	-2.9	
28	553.877	1433.9	-2	-1.1	7.5	-1.5	-9.8	-344939	-2.8	
28	553.577	1433.7	-2.9	-2.3	7.1	-1.9	-9.6	-348788	-2.2	
28	553.277	1433.6	-3.3	-2.8	7.1	-2.5	-9.3	-353320	-1.6	
28	552.977	1434.1	-4.5	-3.7	7.3	-2.2	-8.8	-358339	-0.9	
28	552.677	1434.6	-5	-4.6	7.8	-2.6	-8.4	-363692	-0.1	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
28	552.377	1435.1	-5.5	-5.1	8.5	-2.1	-8.2	-369272	0.4	
28	552.077	1435.5	-5.6	-5.6	9.1	-2.6	-8.1	-374959	1	
28	551.777	1435.9	-5.8	-5.8	9.7	-1.2	-8	-380548	2	
28	551.477	1436.3	-5.8	-6.6	10	-1	-7.8	-385807	2.3	
28	551.177	1436.4	-5.1	-6.1	10	-0.6	-7.6	-390702	1.6	
28	550.877	1435.7	-4.2	-6.2	9.4	-0.3	-7.6	-395200	1.1	
28	550.577	1435.5	-5.1	-6.8	8.6	-0.5	-7.5	-399346	0.8	
28	550.277	1435.2	-4.2	-6.9	7.8	-0.2	-7.5	-403191	0.4	
28	549.977	1434.7	-4.4	-7.8	7.1	-1	-7.8	-406715	-0.2	
28	549.677	1434.2	-2.9	-6.6	6.5	0.1	-8	-410302	-0.9	
28	549.377	1434.1	-3.5	-6.9	6.1	-1	-7.9	-414116	-1.3	
28	549.077	1434.2	-2.9	-6.2	6	-1.2	-7.8	-418252	-1.8	
28	548.777	1434.2	-2.9	-6.7	6.1	-1.9	-7.8	-422813	-2	
28	548.477	1434.2	-2.2	-5.4	6.5	-1.4	-7.8	-427911	-2.1	
28	548.177	1434.8	-3	-5.8	7	-2	-7.5	-433492	-2.1	
28	547.877	1435.3	-2.1	-5.1	7.3	-1.6	-7.2	-439221	-2.2	
28	547.577	1435.8	-1.6	-4.2	7.6	-1.3	-6.8	-445103	-2.2	
28	547.277	1435.9	-2.1	-3.6	7.6	-1.8	-6.4	-450854	-1.9	
28	546.977	1436	-1.7	-2.7	7.5	-1.7	-6.2	-456357	-2.1	
28	546.677	1435.8	-1.1	-2.6	7.3	-1.5	-6.3	-461690	-2.2	
28	546.377	1435.5	-0.8	-2	7	-1.5	-6.5	-466837	-2.2	
28	546.077	1435.4	-1.5	-1.7	7	-2.1	-6.6	-471781	-1.9	
28	545.777	1435.2	-1.1	-1	6.4	-1.1	-6.6	-476939	-1.7	
28	545.477	1435.2	-1.2	-0.9	6.1	-1.6	-6.5	-482323	-1.6	
28	545.177	1435.2	-0.6	-0.3	5.9	-1	-6.5	-488057	-1.5	
28	544.877	1435.2	-1.5	-0.6	5.9	-0.8	-6.4	-494512	-0.4	
28	544.577	1435.3	-0.6	1	5.7	0.2	-6.2	-501140	-0.4	
28	544.277	1435.5	-0.7	0.1	5.9	-0.2	-5.9	-507702	-0.3	
28	543.977	1435.7	-0.2	0.9	6	0.3	-5.6	-514312	-0.6	
28	543.677	1435.8	-0.4	0.4	6.1	0.4	-5.4	-520577	-0.3	
28	543.377	1436	-0.4	0.8	6	1	-5	-526468	-0.3	
28	543.077	1435.9	-0.2	0.4	5.9	0.8	-4.8	-531952	-0.5	
28	542.777	1435.8	-0.5	0.8	5.7	0.5	-4.7	-536862	-0.6	
28	542.477	1435.6	-0.1	0.8	5.4	1.2	-4.5	-541163	-0.6	
28	542.177	1435.5	-0.7	0.8	5.1	0.1	-4.3	-545250	-0.8	
28	541.877	1435.2	-0.5	0.7	4.7	0.4	-4.3	-549832	-1	
28	541.577	1435.2	-1.4	0.2	4.4	-0.5	-4.4	-554786	-1.3	
28	541.277	1434.9	-0.6	1.4	4.1	-0.5	-4.6	-560129	-1.4	
28	540.977	1434.7	-2.2	0.7	3.9	-1.4	-4.8	-565881	-1.6	
28	540.677	1434.4	-1.7	1.6	3.8	-1.2	-5.1	-572066	-1.7	
28	540.377	1434.5	-2.7	1.8	4	-1.9	-5.3	-578387	-2.1	
28	540.077	1434.2	-2.2	2.8	4.1	-2.4	-5.6	-585667	-2.4	
28	539.777	1434.1	-2.7	2.8	4.2	-2.4	-5.6	-594143	-2.5	
28	539.477	1434.2	-3.1	2.5	4.6	-2.9	-5.4	-603563	-2.5	
28	539.177	1434.6	-4.1	1.7	4.8	-3	-5.2	-613107	-2.5	
28	538.877	1434.9	-2.6	3.2	5	-2.7	-4.9	-622216	-2.5	
28	538.577	1435.2	-4.3	0.8	5.1	-3.1	-4.6	-631411	-2.1	
28	538.277	1435.5	-4.3	-0.1	5.3	-3.3	-4.3	-640685	-1.8	
28	537.977	1435.8	-5.3	-0.2	5.3	-3.2	-4.2	-649630	-1.2	
28	537.677	1435.7	-4.3	-0.1	5.3	-2.5	-4.1	-657794	-0.6	
28	537.377	1435.5	-4.9	-0.5	5.2	-2.1	-4.1	-664263	-0.2	
28	537.077	1434.9	-4.8	-1.9	4.8	-1.7	-4.3	-670002	0.2	
28	536.777	1434.7	-5.7	-2.2	4.6	-1.9	-4.4	-675842	0.6	
28	536.477	1434.7	-4.2	-1.3	4.5	-0.7	-4.4	-682450	0.7	
28	536.177	1434.6	-4.4	-1.5	4.5	-0.9	-4.6	-690098	0.5	
28	535.877	1434.7	-3.8	-1.6	4.5	-0.2	-4.5	-698384	0.3	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
28	535.577	1434.9	-4	-1	4.5	-0.5	-4.5	-707350	-0.3	
28	535.277	1434.8	-2.7	-0.6	4.5	-0.8	-4.5	-716304	-1.1	
28	534.977	1434.8	-3.3	-1.7	4.5	-2	-4.4	-725487	-1.8	
28	534.677	1434.6	-2.7	-0.6	4.8	-1.6	-4.5	-734136	-2.2	
28	534.377	1434.5	-2.4	-0.7	4.8	-1.1	-4.6	-742467	-2.4	
28	534.077	1434.4	-3	-1.9	4.8	-2.9	-4.7	-750181	-2.8	
28	533.777	1434.2	-1.7	-0.9	4.8	-2.4	-4.9	-757509	-3.4	
28	533.477	1434	-2.3	-0.8	4.6	-2.8	-5.1	-764982	-3.3	
28	533.177	1433.9	-2.2	-1.1	4.6	-2.8	-5.2	-773174	-3.2	
28	532.877	1434	-1.7	-0.5	5	-2.7	-5.2	-782712	-3.1	
28	532.577	1433.8	-1.3	-0.7	4.9	-0.7	-5.3	-794594	-2.9	
28	532.277	1433.6	-1.8	-0.3	4.8	-1.3	-5.3	-809650	-2.5	
28	531.977	1433.9	-1.6	-1	4.7	-0.8	-4.9	-826917	-2.2	
28	531.677	1433.9	-1.6	-0.9	4.6	-0.7	-4.6	-846988	-2	
28	531.377	1434	-1	-0.8	4.5	-0.4	-4.2	-869499	-1.9	
28	531.077	1434.2	-1.8	-1.4	4.5	-0.7	-3.8	-894767	-1.7	
28	530.777	1434.1	-1.2	-0.8	4.2	-0.2	-3.6	-921952	-1.8	
28	530.477	1433.7	-1.5	-1.3	3.7	-0.3	-3.5	-951274	-1.8	
28	530.177	1433.6	-3.7	-3.2	3.3	-1	-3	-981140	-0.1	
28	529.877	1433.6	-3.2	-3.1	3.2	-0.1	-2.7	-1010987	0.2	
28	529.577	1433.7	-3.6	-2.9	3	-0.7	-2.5	-1039599	0	
28	529.277	1433.4	-2.8	-2.3	2.6	0.2	-2.5	-1067152	-0.2	
28	528.977	1433.1	-3.4	-2	2.5	-1	-2.8	-1095059	0	
28	528.677	1433.1	-3.3	-2.7	2.5	-0.3	-2.9	-1122656	0.2	
28	528.377	1433.1	-3.4	-1.2	2.7	-0.9	-3	-1150413	-0.1	
28	528.077	1433.1	-4.2	-2.5	2.6	-1.9	-3	-1178251	-0.1	
28	527.777	1432.8	-4.3	-1.6	2.5	-1	-3.2	-1207470	0.1	
28	527.477	1432.5	-4.1	-1.9	2.7	-1.3	-3.7	-1238174	-0.2	
28	527.177	1432.6	-4.2	-1.5	2.8	-1.1	-3.7	-1271252	-0.1	
28	526.877	1432.7	-4.9	-1.8	2.9	-2.5	-3.5	-1306961	0.1	
28	526.577	1432.9	-3.7	0.4	3.3	-1.4	-3.3	-1343010	-0.2	
28	526.277	1432.8	-3.7	-1.1	3	-1.4	-3.1	-1379283	-0.1	
28	525.977	1432.7	-4	0.3	2.8	-1.8	-3	-1415654	0	
28	525.677	1433.2	-3.2	1.1	3	-0.8	-2.8	-1451977	-0.1	
28	525.377	1433.4	-2.6	2.7	3.4	-0.5	-2.8	-1490215	-0.4	
28	525.077	1433.4	-2.7	1.6	3.5	-0.3	-2.8	-1532761	-0.3	
28	524.777	1433.3	-2.8	2.1	3.1	-0.1	-3	-1580190	0	
28	524.477	1433.2	-1.8	3	2.7	0.7	-3	-1635743	-0.4	
28	524.177	1432.8	-1.6	4.1	1.9	0.1	-3	-1700854	-0.9	
28	523.877	1432.7	-1.4	2.8	1.6	0.4	-2.9	-1777378	-1.1	
28	523.577	1432.7	-1	3.4	1.5	0.3	-2.7	-1869420	-1.5	
28	523.277	1432.9	-0.9	2.9	1	-0.1	-2.1	-1982719	-1.9	
28	522.977	1432.8	-0.8	3.2	0.5	-0.5	-1.5	-2117038	-1.9	
28	522.677	1432.9	-1.3	1.4	0.2	-0.5	-0.7	-2275816	-1.8	
28	522.377	1433.7	-1.1	2.2	0.2	-0.6	0.4	-2463236	-1.9	
28	522.077	1434.3	-0.8	1.9	0.3	-1.7	1.1	-2691196	-2.2	
28	521.777	1434.9	-1.4	1	0.6	-2.3	1.7	-2940661	-2.3	
28	521.477	1435.2	-2.1	0.9	0.7	-2.9	2	-3216206	-2.2	
28	521.177	1435.2	-1.6	0.1	0.5	-2.7	2.2	-3513004	-2.2	
28	520.877	1434.8	-2.1	0.2	0	-3.5	2.1	-3827697	-2.2	
28	520.577	1434.1	-1.7	0.5	-0.6	-2.8	1.9	-4179142	-2.1	
28	520.277	1433.5	-2.4	-0.7	-0.7	-3.1	1.4	-4561547	-1.9	
28	519.977	1432.9	-2	-0.7	-1.2	-2.7	0.7	-4926471	-1.9	
28	519.677	1432.6	-0.8	1	-1.3	-2	0.1	-5260679	-2	
28	519.377	1432.3	-1.2	0.4	-1.5	-1.2	-0.2	-5583334	-1.6	
28	519.077	1432.3	-1.4	0.2	-1.5	-0.8	-0.2	-5948154	-1.4	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
28	518.777	1432.4	-1.1	-0.1	-1.3	-0.7	-0.2	-6422546	-1.4	
28	518.477	1432.5	-0.7	1.1	-0.8	-0.6	-0.1	-6979167	-1.5	
28	518.177	1432.7	-1.1	0.1	-0.2	-0.7	0	-7613637	-1.4	
28	517.877	1432.8	-1.1	0.4	0.2	-0.4	0.1	-8308532	-1.4	
28	517.577	1433	-1.3	2.4	0.5	-0.9	0.2	-9305556	-1.2	
28	517.277	1433.2	-0.7	2.5	0.7	-0.5	0.3	-1.1E+07	-0.8	
28	516.977	1433.1	-1.8	1.8	0.6	-0.5	0.2	-1.4E+07	0.1	
28	516.677	1432.7	-1.9	0.9	0.2	-0.5	-0.1	-1.8E+07	0.4	
28	516.377	1432.5	-2	1.4	0	-0.4	-0.3		0.6	
28	516.077	1432	-1.1	2.2	-0.5	0.1	-0.7		0.4	
28	515.777	1431.7	-2	1.4	-1.2	-0.4	-0.8		0.5	
28	515.477	1431.5	-1.9	2.3	-1.6	-0.5	-0.8		0.4	
28	515.177	1431.6	-1.2	3.1	-2.1	0.1	-0.6		0	
28	514.877	1431.9	-1.2	2.9	-2.2	-0.7	-0.3	14146960	-0.5	
28	514.577	1432.2	-1.1	3.1	-2	-0.2	0	10904948	-0.6	
28	514.277	1432.9	-0.7	4.2	-1	-0.2	0.3	9063853	-1.3	
28	513.977	1433.3	-1	2.7	-0.4	-0.9	0.6	7900944	-1.8	
28	513.677	1434	-0.9	2.8	0.7	-1.6	0.9	7145905	-2.5	
28	513.377	1434.6	-1.1	2.9	1.1	-1.7	1.3	6646826	-2.8	
28	513.077	1435.1	-1	2.2	1.6	-2	1.5	6383384	-3.1	
28	512.777	1435.5	-1.3	1.3	1.9	-2.7	1.7	6287538	-3.5	
28	512.477	1435.6	-1.3	1.4	2	-3.5	1.7	6363982	-4	
28	512.177	1435.2	-1.2	1.6	1.5	-3.3	1.9	6667994	-3.9	
28	511.877	1434.5	-1.7	0.1	0.5	-4.2	1.7	7145905	-3.9	
28	511.577	1433.6	-1.7	-0.1	-0.3	-3.6	1.5	7871241	-3.4	
28	511.277	1432.9	-2.6	-1.2	-1.2	-3.6	1.3	8871822	-2.7	
28	510.977	1432.6	-2.5	-1.5	-1.6	-2.2	1.1	10365099	-2	
28	510.677	1432.5	-2.3	-1.4	-1.8	-2.1	1	12689394	-1.5	
28	510.377	1432.2	-2.9	-2.1	-1.9	-1.4	0.7	16750000	-0.6	
28	510.077	1431.9	-2.4	-1.1	-2.2	-0.9	0.4		0.1	
28	509.777	1431.5	-2.4	-1.3	-2	0.1	0		0.4	
28	509.477	1431.6	-2	-1.2	-1.6	0.3	-0.2		0.3	
28	509.177	1431.6	-2.1	-0.7	-1.4	0.5	-0.2		0.4	
28	508.877	1431.6	-2.4	-0.3	-1.3	0.1	-0.2		0.4	
28	508.577	1431.6	-3.5	-1.9	-1.2	-0.2	-0.3		0.7	
28	508.277	1431.6	-2.4	-0.3	-1.1	-0.2	-0.5		0.2	
28	507.977	1431.4	-3	-1.3	-1	-0.7	-0.7		0.2	
28	507.677	1431.7	-1.5	0.9	-0.6	-0.6	-0.5		-0.7	
28	507.377	1431.8	-3	-1	-0.5	-2.3	-0.4		-0.8	
28	507.077	1432.3	-2.3	-1.5	-0.2	-2.2	0		-1	
28	506.777	1432.7	-2.8	-1.6	-0.1	-2.2	0.3		-0.4	
28	506.477	1433.2	-1.7	-0.3	0	-1.3	0.7	16105769	-0.5	
28	506.177	1433.5	-2.6	-1.5	0	-1	1	13595779	0.1	
28	505.877	1433.8	-1.8	-1.1	-0.3	-0.6	1.4	11896307	0.1	
28	505.577	1433.9	-1.2	-0.1	-0.5	0.2	1.8	10848446	0.2	
28	505.277	1433.8	-0.8	0.3	-1	-0.5	1.9	10114734	-0.2	
28	504.977	1433.8	-0.6	0.7	-1.3	0.6	1.9	9922986	-0.3	
28	504.677	1433.5	-0.1	0.6	-1.4	0.9	1.4	9783879	-0.6	
28	504.377	1433.4	0.2	2	-1.5	1.2	0.9	9693287	-0.9	
28	504.077	1433.4	0.6	2.5	-1.4	0.5	0.4	9517046	-1.8	
28	503.777	1433.4	0.5	2.5	-1.3	0.9	-0.1	9305556	-2.2	
28	503.477	1433.7	0.2	1.3	-0.9	-0.2	-0.5	9103261	-2.7	
28	503.177	1433.8	0.6	2.6	-0.7	0.2	-0.8	8986052	-3	
28	502.877	1434.1	0.6	2.5	-0.3	0	-1	8909575	-3.1	
28	502.577	1434.5	0	1.2	0.1	-0.3	-1.1	8986052	-3.1	
28	502.277	1434.8	-0.8	0.4	0.5	-0.1	-1.1	9223568	-2.8	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
28	501.977	1435.3	-1.1	0	0.8	-1.3	-1	9829812	-2.5	
28	501.677	1435.6	-1.8	-1.1	1.1	-1.6	-1	10848446	-2	
28	501.377	1436.1	-2.5	-1.5	1.7	-1.4	-1	12537425	-1.8	
28	501.077	1436.4	-2.8	-1.9	2.1	-1	-1.2	15509259	-1.5	
28	500.777	1436.7	-4	-2.9	2.9	-1.5	-1.6		-0.8	
28	500.477	1437	-4.1	-3.1	3.6	-0.9	-2.1		-0.2	
28	500.177	1437.2	-4.9	-3.6	4.2	-0.6	-2.5		0.2	
28	499.877	1437.4	-6.8	-5.5	4.7	-2.4	-3.1		0.6	
28	499.577	1437.6	-4.8	-3.6	4.9	0.2	-3		1	
28	499.277	1437.6	-5	-3.3	4.5	-0.1	-2.6	-1.9E+07	1.2	
28	498.977	1437.5	-6.2	-4.5	3.6	-0.9	-1.9	-1.4E+07	1.6	
28	498.677	1437.3	-6.7	-4.1	2.5	-1.5	-1.1	-1.1E+07	1.9	
28	498.377	1437.1	-7.1	-4.6	1.2	-1.5	-0.1	-9738372	2.1	
28	498.077	1436.9	-7.4	-5.1	0	-0.5	1	-8760460	2.3	
28	497.777	1436.6	-8.1	-5.2	-0.7	0.1	2	-8146887	2.2	
28	497.477	1436.7	-6.8	-4.4	-3.2	0.2	3.8	-7726015	1.2	
28	497.177	1436	-6.8	-4.4	-4.5	-1.8	3.8	-7531475	1.2	inicio cambio de via
28	496.877	1435.7	-5.5	-3.5	-4	-1.1	3.5	-7451068	0.4	
28	496.577	1435.6	-4.9	-2.8	-3.3	-0.8	2.9	-7346491	-0.5	
28	496.277	1435.4	-3.7	-1.3	-2.6	0	2.1	-7320804	-1.4	
28	495.977	1435.3	-3	0.5	-2.3	0	1.5	-7372359	-2.1	
28	495.677	1434.9	-5	-2.6	-2	-2.3	0.9	-7477679	-2.9	
28	495.377	1433.3	-7.1	-4.1	-3.4	-4.5	0.6	-7669414	-3.4	
28	495.077	1434.8	-4.7	-3.2	-1.3	-2.5	-0.2	-7991412	-3.4	
28	494.777	1435.7	-2.8	0.2	-0.5	-0.9	0	-8442541	-3.5	
28	494.477	1434.8	-3	-0.7	-1.3	-1.7	0.2	-9183114	-3.3	
28	494.177	1434.5	-3.1	-0.3	-1.9	-2.2	0.7	-1.1E+07	-3.2	
28	493.877	1434.6	-3.5	-1.8	-2.1	-2.6	1.1	-1.3E+07	-2.9	
28	493.577	1435.1	-3.1	-0.5	-1.8	-2.7	1.4	-1.7E+07	-3	
28	493.277	1435.1	-3.7	-1.9	-1.8	-2.3	1.6		-2.7	
28	492.977	1435.5	-3.8	-2.6	-0.5	-0.8	1.7		-2.1	
28	492.677	1435.9	-4.3	-3.5	-0.5	-1.9	1.5		-1.8	
28	492.377	1436.3	-3.9	-3.3	0	-2.3	1.1		-1.5	
28	492.077	1436.1	-3.6	-3.5	1	-1.7	0.5		-1.2	
28	491.777	1435.8	-3.3	-3.5	1.9	-1.9	-0.3	14539931	-0.8	
28	491.477	1435.7	-4	-4.6	2.6	0	-1.1	11567680	0.4	
28	491.177	1435.7	-3.8	-4.3	2.9	0	-1.9	9876179	0.8	
28	490.877	1435.7	-3.2	-3.4	3.3	0.8	-2.5	8797269	0.9	
28	490.577	1435.3	-3.1	-3.7	3.1	0.8	-3.1	7900944	0.6	
28	490.277	1434.9	-3.7	-4.3	2.9	0.6	-3.6	7097458	0.7	
28	489.977	1434.6	-3.5	-3.5	2.6	0.7	-4	6402905	0.7	
28	489.677	1434.3	-3.2	-2.4	2.4	0.5	-4.3	5799862	0.4	
28	489.377	1433.9	-1.3	-0.2	2.1	2.1	-4.2	5382391	-0.2	
28	489.077	1433.9	-3.7	-1.9	2.1	-0.3	-4	5094283	-0.6	
28	488.777	1434.3	-3	-0.5	2.2	0.5	-3.7	4914906	-1.3	
28	488.477	1434.8	-2.5	0.3	2.1	-0.5	-3.3	4824309	-2	
28	488.177	1435	-2.7	1.3	2	-0.4	-2.9	4869186	-2.5	
28	487.877	1435.2	-2.9	1.2	1.5	-1.6	-2.5	5131741	-2.9	
28	487.577	1435.7	-3.1	1.8	0.9	-2.3	-1.9	5658784	-3.5	
28	487.277	1436.2	-3	3.8	0.1	-3.3	-1.1	6775890	-3.9	
28	486.977	1436.2	-3.9	0.9	-1	-4.5	-0.3	8375000	-3.3	
28	486.677	1435.8	-4	1	-2	-2.9	-0.1	10628173	-1.9	
28	486.377	1436	-5.7	0.5	-3	-4.6	0.6	13958333	-1.7	
28	486.077	1436.2	-4.9	1.8	-3.8	-4.4	1.2	18694197	-1.7	
28	485.777	1436.6	-6.5	0.6	-4.3	-6	1.8		-1.4	
28	485.477	1437.6	-4.7	2.7	-4.2	-4.1	2.5		-1.4	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
28	485.177	1438.7	-5.1	3	-3.9	-4.4	3		-1.2	
28	484.877	1440.1	-4.1	2.7	-3.2	-2.9	3.3		-0.7	
28	484.577	1441.1	-4	2.8	-2.2	-2.6	3.4		-0.4	
28	484.277	1442	-2.3	3.2	-1.5	-0.4	3.8		-0.4	
28	483.977	1442.5	-2.6	2.3	-1.2	-0.3	3.9		-0.7	
28	483.677	1442.8	-1.8	1.9	-0.9	0	3.9		-0.7	
28	483.377	1443.2	-1.1	1.9	-0.7	1.3	4		-0.6	
28	483.077	1443.3	-1.1	3.9	-0.8	0.8	3.8		-0.4	
28	482.777	1443.5	-0.7	6.4	-0.9	1.7	3.7		0	
28	482.477	1443.7	-0.7	4	-1.1	1.2	3.5		0	
28	482.177	1443.6	0.2	3	-1.3	2.4	3.2		-0.4	
28	481.877	1443.5	-0.5	2.5	-1.6	1.7	3.1		0.1	
28	481.577	1443.6	-0.3	2.8	-1.4	1.2	2.7		0.1	
28	481.277	1443.5	0	3.5	-1	0.5	2.1		-0.2	
28	480.977	1443.3	0.5	3.6	-0.6	0.6	1.4		-0.7	
28	480.677	1443	0	3.7	-0.6	0.5	1.1		-0.4	
28	480.377	1442.7	0.4	4.2	-0.9	0.9	0.9		-0.6	
28	480.077	1442.5	0.4	4.7	0	0.1	0.7	16486221	-1.1	
28	479.777	1442.2	-1.3	2.6	0.9	-2	0.3	13508065	-1	
28	479.477	1442.1	-1.9	1.7	1.7	-2.7	-0.2	11196524	-0.9	
28	479.177	1442	-0.3	3	2.2	-2	-0.4	9604358	-1.4	
28	478.877	1442	0.4	4.4	2.7	-2.3	-0.4	8341634	-1.9	
28	478.577	1441.9	-0.4	3.4	3.3	-3.5	-0.3	7320804	-1.8	
28	478.277	1441.8	-0.7	2.5	4	-4	-0.5	6442308	-2.1	
28	477.977	1441.8	-1.5	1.6	5.2	-4.5	-1.2	5705041	-2	inicio cambio de via
28	477.677	1440	-0.9	2.8	4.3	-4.6	-1.8	5119193	-2.1	
28	477.377	1438.5	-0.7	2.8	3.7	-2.9	-2.3	4694507	-2.3	
28	477.077	1437.6	0.4	3.6	3.1	-2.8	-2.1	4398635	-3.9	
28	476.777	1436.8	1	2.3	2.4	-3.2	-1.8	4221271	-4.1	
28	476.477	1435.8	1.6	5.3	1.4	-4	-1.8	4113458	-4.6	
28	476.177	1434.4	2.1	5.1	0	-2.6	-1.7	4121555	-4.9	
28	475.877	1433.7	2.5	5	-1.4	-2.2	-1	4238361	-4.7	
28	475.577	1432.9	1.6	4.3	-3	-1.6	-0.4	4435911	-4.1	
28	475.277	1432.6	2.8	5.7	-3.6	-1.2	0.3	4758523	-4.4	
28	474.977	1432	1	4.1	-4.1	-1.8	0.7	5195410	-3.8	
28	474.677	1431	0.5	3.5	-5.2	-2.2	0.9	5736302	-3	
28	474.377	1430.4	0.6	4.5	-5.6	-1	0.9	6383384	-2.3	
28	474.077	1430.4	1.7	5.7	-5.2	0	0.7	7195017	-2.1	
28	473.777	1430.3	0	5.7	-4.3	-1.3	0.5	8146887	-1.2	
28	473.477	1430.4	0.7	5.6	-3.7	-0.3	0.3	9223568	-0.9	
28	473.177	1430.8	-0.3	6.2	-2.6	-0.2	0.1	10628173	0	
28	472.877	1431.8	0.1	4.8	-1.3	-0.3	0.1	12244152	0.1	
28	472.577	1432.4	-1.2	3.9	0.2	-0.2	-0.2	14243197	0.9	
28	472.277	1433.1	-0.9	3.2	1.5	0.8	-0.1	16617064	1	
28	471.977	1433.4	-2.3	1.7	2	-0.4	-0.1		1.6	
28	471.677	1433.9	-2.5	-0.2	2.2	0.5	0.1		2	
28	471.377	1433.9	-1.9	0.7	2.1	0.7	0.1		1.7	
28	471.077	1433.8	-2.2	-0.4	1.7	1.3	0.1		1.7	
28	470.777	1433.8	-1.7	-0.6	1.2	1.3	0		1.2	
28	470.477	1433.4	-1.7	-0.6	0.6	1.8	-0.5		1	
28	470.177	1432.8	-1.1	-0.4	-0.1	1.7	-0.9		0.4	
28	469.877	1432.4	-1.9	-1.2	-0.7	1.5	-1.2		0.4	
28	469.577	1432.6	-1.2	-1.4	-0.9	1.9	-1.1		-0.3	
28	469.277	1432.7	-3.7	-3.2	-1.2	-0.6	-1.1		-0.1	
28	468.977	1433.1	-1.8	-1.5	-1	0	-0.7		-0.7	
28	468.677	1433.6	-4.4	-4.4	-0.7	-1.8	-0.2		-0.7	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
28	468.377	1434.3	-3.4	-3.9	-0.6	-1.6	0.6		-1.4	
28	468.077	1434.8	-5	-5	-0.5	-3.6	1.3		-0.8	
28	467.777	1435.2	-3.6	-4	-0.2	-2.8	1.7		-1.2	
28	467.477	1435.4	-5	-5.4	0.2	-3.8	1.8		-0.8	
28	467.177	1435.8	-4.5	-3.2	0.4	-3.2	1.9		-0.8	
28	466.877	1436.1	-3.8	-1.9	0.8	-2.4	1.7		-1.3	
28	466.577	1435.8	-3.2	-2.9	0.8	-3.5	1.2		-1.6	
28	466.277	1435.2	-4.4	-4.8	0.7	-2.1	0.5		-0.4	
28	465.977	1434.8	-4.7	-4.3	0.7	-2	-0.2		0.4	
28	465.677	1434.7	-2.8	-2.1	0.6	0.4	-0.4		0.1	
28	465.377	1434.5	-2.8	-1.3	0.5	-0.8	-0.7		-0.2	
28	465.077	1434.4	-2.1	-1.2	0.2	1	-0.7		-0.4	
28	464.777	1434.5	-3	-2.3	-0.2	0	-0.5		-0.1	
28	464.477	1434.4	-1.6	-2	-0.5	0.4	-0.3		-0.9	
28	464.177	1434.5	-0.7	-1.7	-0.6	0	0.1		-1.8	
28	463.877	1434.4	-1	-2.6	-0.7	0.3	0.5		-2.5	
28	463.577	1434.4	-1.3	-3.4	-1.1	-0.3	0.9		-2.9	
28	463.277	1434.2	-1.2	-3.7	-1.3	-0.6	1		-3.1	
28	462.977	1434.2	-0.8	-2.4	-1.6	-1.1	1.2		-3.5	
28	462.677	1434.3	-1.9	-4.7	-1.4	-2.2	1.3		-3.5	
28	462.377	1434.6	-1.7	-2.7	-1.5	-1.2	1.4		-3.7	
28	462.077	1434.3	-1.9	-2.4	-1.2	-2.6	1		-3.8	
28	461.777	1434.2	-1.8	-2.4	-1	-2.8	0.7		-3.6	
28	461.477	1434	-3.2	-4.9	-0.8	-2.8	0.4		-2.8	
28	461.177	1434.3	-3.1	-3.1	-0.4	-2.4	0.4		-2.5	
28	460.877	1434.4	-4.6	-5.3	0.3	-3.4	0		-2.3	
28	460.577	1434.7	-3.6	-3.3	0.9	-2.3	-0.1		-2	
28	460.277	1434.5	-4.4	-4.5	1	-1.7	-0.5		-1.2	
28	459.977	1434.8	-5.5	-4.3	1.3	-2.2	-0.7		-0.4	
28	459.677	1434.7	-4.7	-3.8	1.6	-0.7	-1.1		-0.4	
28	459.377	1434.6	-4.6	-2.3	1.7	-1.1	-1.3		-0.4	
28	459.077	1434.5	-5.4	-2.9	1.9	-0.8	-1.4		-0.2	
28	458.777	1434.3	-5.2	-3.3	1.4	-0.6	-1.3		0.1	
28	458.477	1434	-5.9	-3.7	1.2	-0.8	-1.3		0.3	
28	458.177	1433.7	-5.8	-4.1	0.8	-0.4	-1.3		0.6	
28	457.877	1433.7	-5.9	-4.2	0.6	0	-1.1		1	
28	457.577	1433.8	-5.6	-4.5	0.1	1.1	-0.7		1.3	
28	457.277	1434	-7	-5.1	-0.4	-0.2	-0.2		2.2	
28	456.977	1434.2	-6	-4.8	-0.4	0.8	0		2.2	
28	456.677	1434.1	-6.4	-2.7	-0.7	0.7	0.1		2.1	
28	456.377	1434	-5.9	-4.1	-0.6	0.2	0.1		1.6	
28	456.077	1433.8	-5	-0.6	-0.6	0.6	0.1		0.4	
28	455.777	1433.7	-5.9	-2.5	-0.5	-1	0.2		0	
28	455.477	1433.9	-5.5	-0.5	-0.5	-0.7	0.4		-0.6	
28	455.177	1434.1	-5.2	-1.6	-0.3	-1.8	0.5	18049569	-1.4	
28	454.877	1434.5	-4.5	0.5	0	-1.3	0.7	14146960	-2.1	
28	454.577	1434.6	-4.5	0	0	-2.4	0.9	12172965	-2.7	
28	454.277	1434.9	-4.6	-0.8	0.3	-2.8	1	11317568	-3.3	
28	453.977	1434.7	-3.8	-0.6	0.1	-2.8	0.9	11256721	-3.8	
28	453.677	1434.6	-4.4	0	0.1	-4.1	0.8	11896307	-4	
28	453.377	1434.4	-4	0.7	0.1	-3.3	0.6	13251582	-3.9	
28	453.077	1434.2	-4.8	-2	0.1	-3.4	0.3	15509259	-3.6	
28	452.777	1434	-4.1	-1.3	0	-2.7	-0.2	19386574	-3.5	
28	452.477	1433.7	-3.6	-1.5	0	-1.9	-0.8		-3.4	
28	452.177	1433.1	-3.6	-0.6	0.2	-2.2	-1.7		-3.3	
28	451.877	1433.1	-3.9	-2.3	0.3	-1.6	-2		-3	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
28	451.577	1433.5	-3.6	-2.9	0.7	-1.8	-1.9		-2.9	
28	451.277	1433.6	-3.6	-2.6	1.1	-1.6	-1.9		-2.8	
28	450.977	1433.6	-3.3	-2	1.2	-0.7	-1.7		-2.5	
28	450.677	1433.8	-4.6	-3.4	1.4	-1	-1.2		-2	
28	450.377	1434.3	-4.6	-3.8	1.5	-1.1	-0.5		-1.7	
28	450.077	1434.5	-5.7	-3.8	1.5	-2.3	0		-1.4	
28	449.777	1434.6	-4.8	-3.1	1.4	-1.2	0.5		-0.8	
28	449.477	1434.7	-5.9	-4	0.9	-1.8	0.8		0	
28	449.177	1434.7	-5.7	-3.9	0.4	-1.3	0.8		0.4	
28	448.877	1434.2	-5.2	-2	-0.3	-1.4	0.7		0.4	
28	448.577	1433.7	-6.2	-3.1	-1	-2	0.6		0.7	
28	448.277	1433	-6.4	-1.8	-1.8	-1.1	0.4	18694197	1.1	
28	447.977	1432.6	-6.3	-2.7	-2.6	-1.8	0.4	15742481	0.7	
28	447.677	1432.2	-6	-1.6	-2.9	-1.7	0.1	13865894	0.1	
28	447.377	1432.3	-5.2	0.3	-3.1	-0.9	0.4	12845092	-0.4	
28	447.077	1432.9	-4.3	0.4	-3.2	-0.6	0.9	12462798	-1.3	
28	446.777	1433.5	-4.4	0.2	-3.1	-2.1	1.4	12389053	-1.7	
28	446.477	1434.1	-3.2	2.2	-2.8	-1.9	2	12389053	-2.4	
28	446.177	1434.6	-3.7	1.5	-2.5	-1.8	2.5	12389053	-2.6	
28	445.877	1435	-3.7	2.2	-2.1	-1.7	2.9	12462798	-2.6	
28	445.577	1435.2	-2.9	2.9	-1.7	-0.9	3.1	12766768	-2.7	
28	445.277	1435.5	-2.7	3.2	-1	-1.2	3	13251582	-2.7	
28	444.977	1435.5	-4.6	1	-0.5	-2.8	2.5	13595779	-2	
28	444.677	1435.7	-4	3	0.2	-2.3	1.9	14052014	-1.5	
28	444.377	1435.8	-2.4	3.6	0.9	-0.6	1	14641608	-1.9	
28	444.077	1435.6	-2.2	4.2	1.3	-1	0.2	15282847	-1.6	
28	443.777	1435.5	-2.8	3.1	1.7	-0.9	-0.5	15861743	-1.4	
28	443.477	1435.4	-2.8	2.2	1.8	-0.8	-0.9	16357422	-1	
28	443.177	1435	-3	2.9	1.7	-1.2	-1.3	16617064	-0.8	
28	442.877	1434.8	-2.5	3	1.6	-0.6	-1.5	16486221	-0.7	
28	442.577	1434.8	-2.3	2.9	1.5	0.1	-1.5	15742481	-1.1	
28	442.277	1434.4	-2	2.5	0.8	0.1	-1.4	14641608	-1.3	
28	441.977	1434.4	-3	1.5	0.5	-2.1	-1	13085938	-1.3	
28	441.677	1434.1	-2.4	2.2	0.1	-1.6	-0.7	11762641	-1.4	
28	441.377	1434.1	-2.8	1	-0.1	-2.2	-0.5	10792526	-1.8	
28	441.077	1434	-2.2	2.2	-0.2	-1.6	-0.5	9922986	-2.1	
28	440.777	1434	-2.2	1.8	-0.3	-2	-0.2	9264381	-2.1	
28	440.477	1433.9	-2.5	2.3	-0.5	-2.2	0	8909575	-2	
28	440.177	1434.1	-2.4	1.7	-0.6	-2.2	0.3	8834388	-2	
28	439.877	1434.2	-2.7	0.9	-0.3	-2.6	0.4	8909575	-2.1	
28	439.577	1433.9	-1.9	1.7	-0.5	-1.6	0.4	9143013	-2.1	
28	439.277	1433.7	-2.1	1.8	-0.4	-2.2	0.4	9431306	-2	
28	438.977	1433.8	-2	1.6	-0.4	-1.3	0.6	9738372	-1.8	
28	438.677	1434	-2.5	1.1	-0.2	-2.1	0.8	10066106	-1.8	
28	438.377	1434.1	-1.6	1.7	-0.1	-1.1	0.8	10416667	-1.8	
28	438.077	1434.1	-2.1	2.5	0	-2.4	0.8	10682398	-1.8	
28	437.777	1434	-2.1	2.5	0	-2.2	0.7	10792526	-1.9	
28	437.477	1433.8	-2.3	3.4	0	-2	0.5	10628173	-2.2	
28	437.177	1433.6	-1.7	3.1	0.2	-2.7	0.3	10468750	-2.7	
28	436.877	1433.3	-1.4	4.5	0.2	-2.7	0.1	10365099	-2.9	
28	436.577	1433	-2.1	3.6	-0.1	-3.4	0.1	10314040	-3	
28	436.277	1432.8	-2.1	3.1	-0.5	-3.2	0.1	10468750	-3.1	
28	435.977	1432.9	-2.4	3.8	-0.5	-4.4	0	10904948	-3.3	
28	435.677	1432.6	-0.6	5.8	-0.9	-3.1	-0.2	11762641	-3.4	
28	435.377	1432.4	-1.1	5.2	-1.1	-3.4	-0.2	13251582	-3.4	
28	435.077	1432.3	-2.3	3.7	-1.6	-3.6	0.1	15509259	-2.5	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
28	434.777	1432.3	-1.5	3.7	-1.7	-3.2	0.2	18694197	-2.1	
28	434.477	1432.2	-1.1	3.2	-1.8	-2.4	0.3		-1.4	
28	434.177	1432.2	-1.3	3.1	-1.7	-1.3	0.4		-0.4	
28	433.877	1432.3	-1.5	1.7	-1.4	-1.1	0.4		0.2	
28	433.577	1432.6	-1	2.7	-1.3	0.1	0.4		0.6	
28	433.277	1433.2	0.4	4.1	-0.6	1.1	0.4		0.8	
28	432.977	1433.3	-0.2	2.7	-0.4	2.2	0.4		2.1	
28	432.677	1433.7	0	2.7	0.4	3.9	0.4		2.1	
28	432.377	1433.9	0.9	5.5	0.8	4.4	0.2		1.7	
28	432.077	1434	1.2	5.2	1.3	4.4	0		1.4	
28	431.777	1434	1.4	3.8	1.4	4.5	-0.2	18366228	1	
28	431.477	1433.9	1.7	3.9	1.3	4.3	-0.3	15982825	0.7	
28	431.177	1434.1	1.3	4.1	1.3	3.9	-0.2	13958333	0.3	
28	430.877	1434.2	0.9	3.7	1.1	2.2	-0.2	12244152	-0.2	
28	430.577	1434.1	0.5	3.5	1.1	1.9	-0.3	11136968	-0.7	
28	430.277	1433.6	-1.3	1.2	0.4	0.4	-0.3	10468750	-0.6	
28	429.977	1433.5	-2	0.3	0.3	-0.7	-0.2	10213415	-0.5	
28	429.677	1433.2	-2.5	-0.5	-0.1	-1.4	-0.1	10263481	0	
28	429.377	1433.4	-2.9	0.1	-0.1	-2.2	0.1	10628173	-0.4	
28	429.077	1433.4	-2.3	0.1	-0.1	-2.5	0.1	11256721	-1	
28	428.777	1433.4	-3.6	-0.8	-0.3	-4.6	0	12389053	-1.5	
28	428.477	1433.4	-3.3	-1.1	-0.3	-5.1	-0.1	14052014	-2.3	
28	428.177	1433.2	-4	-1.8	-0.4	-6.6	-0.1	16230620	-2.9	
28	427.877	1433.2	-4.6	-2.1	-0.4	-6.5	0.2	18862613	-3.3	
28	427.577	1433	-4.5	-2.1	-0.7	-6.8	0.4		-3.7	
28	427.277	1432.8	-3.5	-0.8	-1.2	-6.4	0.7		-4.4	
28	426.977	1432.9	-3.6	-1.7	-1.6	-7.2	1.1		-5	
28	426.677	1433	-3.2	-1.1	-1.9	-7.8	1.5		-5.4	
28	426.377	1433.3	-2.3	-0.3	-1.8	-6.4	1.7		-5.9	
28	426.077	1433.4	-1.9	0.6	-1.6	-6.6	1.7	18528761	-6	
28	425.777	1433.3	-1.2	0.4	-1.3	-5.7	1.5	16617064	-5.9	
28	425.477	1433.2	-1.5	0.6	-1	-5.4	1.1	14955357	-5.4	
28	425.177	1433.2	-0.9	1.2	-0.4	-4.4	0.7	13508065	-5.1	
28	424.877	1433.4	-0.5	1.8	0.3	-3.8	0.2	12689394	-4.3	
28	424.577	1433.5	0.1	1.8	0.7	-2.8	-0.2	12102601	-3.6	
28	424.277	1433.4	0.6	2	0.8	-1.5	-0.6	11696928	-2.3	
28	423.977	1433.4	0	2.1	0.9	-1.2	-0.9	11504121	-1	
28	423.677	1433.2	0.6	2.7	0.7	0.1	-1.2	11441257	0	
28	423.377	1432.9	1.2	3.6	0.3	1.5	-1.2	11567680	1.1	
28	423.077	1432.9	1.6	2.2	0.1	2.4	-0.9	11896307	1.7	
28	422.777	1432.7	1.2	2.3	-0.2	2.3	-0.6	12462798	2.5	
28	422.477	1432.9	1.6	3.9	-0.3	3.5	-0.2	13251582	2.8	
28	422.177	1433	2.2	3.7	-0.5	4.2	0.3	14052014	3.1	
28	421.877	1433.3	2.8	3.9	-0.3	4.7	0.7	14641608	2.9	
28	421.577	1433.5	2.8	4.1	-0.2	4.8	1	14955357	2.9	
28	421.277	1434	2.9	4.4	0.1	4.8	1.4	14955357	2.3	
28	420.977	1434.2	2.9	3.9	0.3	4.4	1.6	14744718	1.7	
28	420.677	1434.1	3.4	3	0.2	3.6	1.5	14146960	0.9	
28	420.377	1433.8	3.7	3.9	0.1	3.8	1.2	13335987	0	
28	420.077	1433.4	2.3	2.3	-0.1	1.9	0.8	12537425	-0.2	
28	419.777	1432.9	2.1	1.2	-0.4	1.1	0.3	11896307	-1	
28	419.477	1432.4	1.4	0.2	-0.7	-1	-0.3	11567680	-1.8	
28	419.177	1432.1	1.8	0.4	-1	-1.4	-0.7	11441257	-2.8	
28	418.877	1431.7	0.1	-1.6	-1.5	-3.4	-1.1	11567680	-3	
28	418.577	1431.8	-0.8	-2.1	-1.5	-4.4	-1.2	11696928	-3.1	
28	418.277	1431.9	-0.2	-1.1	-1.6	-4.1	-1.2	11829096	-3.2	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
28	417.977	1432.2	-1.3	-1.8	-1.2	-5.5	-1	11964286	-3.2	
28	417.677	1432.5	-1.2	0.1	-1.1	-4.7	-0.7	12102601	-3.1	
28	417.377	1433	-2.1	-0.1	-0.7	-5.1	-0.2	12033046	-2.7	
28	417.077	1433.6	-1.6	0.9	-0.3	-4.1	0.3	11829096	-2.7	
28	416.777	1434.1	-1.9	1	0.1	-4.9	0.6	11696928	-2.5	
28	416.477	1434.7	-1.9	0.4	0.6	-3.8	0.9	11762641	-2.4	
28	416.177	1434.9	-2	1.6	0.4	-3.1	1.1	12033046	-1.8	
28	415.877	1435.2	-2.1	1.2	0.5	-3.5	1.3	12537425	-1.7	
28	415.577	1435.1	-1.7	2.3	0.3	-2.2	1.2	13168239	-1.6	
28	415.277	1435.2	-1.4	3.2	0.2	-2.4	1.3	14146960	-1.6	
28	414.977	1434.9	-1.5	3	0	-1.5	1.1	15625000	-1.3	
28	414.677	1434.8	-1.7	1.8	0	-1.8	1	17594538	-1.1	
28	414.377	1434.8	-0.8	2.8	-0.1	-0.5	0.9		-1.2	
28	414.077	1434.7	-1.1	2.1	-0.2	-1.1	0.7		-1.2	
28	413.777	1435	-0.5	1.8	0.4	-0.6	0.5		-1.5	
28	413.477	1434.9	-0.3	1.6	0.5	-0.5	0.2		-1.2	
28	413.177	1434.9	-0.8	0.4	0.9	-0.5	-0.1		-0.9	
28	412.877	1434.8	-0.1	1.4	1.2	0.2	-0.4		-0.9	
28	412.577	1434.5	-0.5	0.4	1.3	0.1	-0.6		-1	
28	412.277	1434	-0.3	0.2	1	0.5	-0.7		-0.7	
28	411.977	1433.9	-1.1	-1.2	1.1	-0.2	-0.6		-0.4	
28	411.677	1433.6	-0.5	-1.1	0.8	0.5	-0.5		-0.6	
28	411.377	1433.4	-0.8	-0.8	0.3	-0.2	-0.3		-0.7	
28	411.077	1433.2	0	-0.6	-0.3	0.1	0		-1.2	
28	410.777	1433	-0.7	-1.9	-1	-1	0.4		-1.4	
28	410.477	1432.8	-1	-2.6	-1.4	-1.6	0.6		-1.9	
28	410.177	1432.7	-1.7	-2.9	-1.5	-2.5	0.7		-2.1	
28	409.877	1432.5	-1.4	-3	-1.5	-2.5	0.7		-2.3	
28	409.577	1431.9	-1.7	-3.9	-1.7	-2.8	0.4		-2.3	
28	409.277	1432	-2	-4.8	-1.2	-3.1	0.3		-2.2	
28	408.977	1431.9	-2	-4.8	-0.9	-2.8	-0.1		-2.3	
28	408.677	1432.1	-2.3	-5.2	-0.5	-3.9	-0.2		-2.2	
28	408.377	1432.3	-1.5	-4.4	-0.2	-2.8	-0.3		-2.3	
28	408.077	1432.4	-2.6	-6	0	-3.5	-0.3	19567757	-2	
28	407.777	1432.6	-2	-5.7	0.1	-2.1	0	15982825	-1.8	
28	407.477	1432.6	-2	-4.3	-0.2	-1.9	0.5	13774671	-1.8	
28	407.177	1432.5	-1.4	-3.5	-0.4	-1.8	1	12689394	-2.1	
28	406.877	1432.3	-1.7	-3.1	-0.9	-2	1.3	12244152	-2.1	
28	406.577	1432.4	-2.1	-3.9	-0.9	-3	1.4	12316177	-2.5	
28	406.277	1432.5	-1.3	-1.4	-1	-1.9	1.3	12766768	-2.9	
28	405.977	1432.5	-1.2	-0.4	-1	-3.2	1	13595779	-3.1	
28	405.677	1432.5	-1.2	-1	-0.7	-3	0.7	14849291	-3.3	
28	405.377	1432.2	-1.7	-0.4	-0.5	-3	0	16357422	-3.3	
28	405.077	1432	-2.3	-1.1	0	-3.4	-0.7	18049569	-3.1	
28	404.777	1431.9	-1.7	0.4	0.3	-3.4	-1.3	19752359	-3.1	
28	404.477	1431.9	-1.6	0	0.8	-2.9	-1.8		-2.9	
28	404.177	1432	-1.1	0.8	1	-2	-2		-2.4	
28	403.877	1432.3	-2.2	-0.3	1.2	-1.9	-1.9		-1	
28	403.577	1432.8	-0.7	1.3	1.4	-0.2	-1.5		-0.5	
28	403.277	1432.7	-0.3	1.8	1.2	0.2	-1.2		-0.1	
28	402.977	1432.8	-1.9	-0.2	1	0.4	-0.6	17594538	1.4	
28	402.677	1432.9	-2.1	-0.7	1	1.7	-0.2	14955357	2.4	
28	402.377	1433.3	-1.3	0.2	1	2.7	0.4	12689394	2.6	
28	402.077	1433.4	-1.6	0.1	0.8	3	0.7	10962042	3.2	
28	401.777	1433.6	-1	-0.2	0.6	3.2	0.9	9783879	2.9	
28	401.477	1433.5	-1.2	-0.1	0.5	3.8	0.7	8986052	3.1	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
28	401.177	1433.4	-0.8	-0.3	0	3.7	0.6	8616255	2.7	
28	400.877	1433	0	0.3	-0.2	3.6	0.4	8616255	2.2	
28	400.577	1432.6	0	0.8	-0.4	3.4	0.1	9103261	1.3	
28	400.277	1432.2	-0.5	-0.4	-0.7	2.4	-0.1	10114734	0.6	
28	399.977	1432	-1	-0.5	-1	0.9	-0.2	11631945	0	
28	399.677	1432	-1.1	-0.8	-1	0.3	-0.2	13774671	-0.6	
28	399.377	1432.1	-1.5	-0.4	-1	-1.4	-0.1	16486221	-1.3	
28	399.077	1432.4	-1.7	-1.2	-0.8	-1.7	0.3	19567757	-2	
28	398.777	1432.7	-2.8	-2	-0.7	-3.3	0.7		-2.3	
28	398.477	1432.9	-2.5	-2.5	-0.5	-3.8	1		-2.9	
28	398.177	1433	-2.2	-1.5	-0.5	-4.4	1.3		-3.4	
28	397.877	1433.1	-2.5	-1.5	-0.4	-4.8	1.4	18862613	-4.3	
28	397.577	1433.2	-2.4	-0.7	-0.4	-5.3	1.4	17303719	-4.8	
28	397.277	1433	-2.4	-1	-0.3	-5.7	1.1	16230620	-5.2	
28	396.977	1432.8	-1.7	0	-0.4	-5.5	0.9	16105769	-5.7	
28	396.677	1432.3	-2.7	-0.7	-0.6	-6.1	0.5	16617064	-5.7	
28	396.377	1432.1	-2.8	-0.8	-0.8	-5.4	0.3	17895299	-5.6	
28	396.077	1431.8	-3.1	-0.8	-0.9	-5.6	0.1		-5.3	
28	395.777	1431.9	-2.3	-0.8	-0.9	-4.8	0		-5.1	
28	395.477	1431.9	-3.5	-0.9	-0.9	-5	-0.1		-4	
28	395.177	1432.3	-2.8	-0.8	-0.9	-3.7	0.1		-3.3	
28	394.877	1432.3	-2.7	-0.7	-1	-3	0.1		-2.4	
28	394.577	1432.5	-2.4	-1	-1.1	-1.8	0.3		-1.4	
28	394.277	1432.5	-3	-1.3	-1	-0.3	0.4		0.4	
28	393.977	1432.4	-3.1	-1	-1.2	1.1	0.5		1.6	
28	393.677	1432.2	-3.2	-1.9	-1.3	2.1	0.7		2.7	
28	393.377	1432.5	-3	-1.8	-1.3	2.6	1.1		3.3	
28	393.077	1432.6	-2.4	-1.2	-1.5	4.1	1.5		3.4	
28	392.777	1432.9	-2.4	-0.7	-1.5	3.2	1.7	19752359	3	
28	392.477	1433.4	-1.7	0.6	-1.3	3.3	1.9	19034091	2	
28	392.177	1433.8	-2.2	-0.5	-1.2	1.7	1.9	19034091	1.4	
28	391.877	1433.9	-1.9	-0.3	-1	1.2	1.7	19208716	0.4	
28	391.577	1434	-2.4	-1.3	-0.6	0.3	1.4	19034091	-0.1	
28	391.277	1433.9	-2.1	0.1	0	-0.1	0.7	17594538	-1.4	
28	390.977	1433.5	-2.2	-1.5	-0.2	-1.4	0	16105769	-2.1	
28	390.677	1433.3	-2.7	-2.4	0.3	-2.8	-0.9	14539931	-2.9	
28	390.377	1433	-2.3	-0.4	0.5	-2.5	-1.7	13004659	-3.1	
28	390.077	1433.3	-3.3	-1.2	0.8	-4	-2	11567680	-2.9	
28	389.777	1433.7	-2.5	-1.2	1	-3.2	-2.1	10263481	-3.1	
28	389.477	1433.8	-2.5	-0.9	1.2	-3.2	-2.1	9183114	-2.6	
28	389.177	1434	-2.5	-1.5	1.2	-2.1	-1.7	8375000	-2.3	
28	388.877	1434.2	-3.7	-2.5	1.1	-2.9	-1.2	7871241	-1.1	
28	388.577	1434.8	-2.8	-2	1.4	-1.2	-0.4	7613637	-0.8	
28	388.277	1435.2	-3.1	-3.1	1.2	-1	0.3	7504480	-0.4	
28	387.977	1435.6	-3.4	-3.4	1.4	-1.4	0.8	7504480	-0.4	
28	387.677	1435.7	-2.6	-2.1	1	0	1	7613637	-0.4	
28	387.377	1435.8	-2.5	-1.5	0.5	-0.6	1.3	7841760	-0.3	
28	387.077	1435.5	-1.8	-0.7	0.3	0	1.1	8146887	-0.6	
28	386.777	1435.1	-2.9	-1.4	0	-1.1	0.9	8580943	-0.6	
28	386.477	1434.7	-1.7	0	0	0.8	0.5	9063853	-1.3	
28	386.177	1434.2	-2.5	0.3	-0.1	-1.1	-0.1	9648618	-1.3	
28	385.877	1434	-2.4	0.1	-0.2	-0.6	-0.5	10416667	-1.7	
28	385.577	1433.8	-2.4	-0.2	-0.1	-1	-0.9	11441257	-1.8	
28	385.277	1434.1	-2.8	-0.3	0.2	-1.5	-1	12537425	-2	
28	384.977	1434.2	-1.9	0.5	0.5	-0.8	-1.2	13774671	-2.1	
28	384.677	1434.4	-2.3	0.1	0.7	-1.7	-1.2	14641608	-1.8	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
28	384.377	1434.3	-2.3	-0.6	0.8	-0.8	-1.2	15062950	-1.6	
28	384.077	1434.2	-3.8	-1.1	0.9	-2	-1.2	14849291	-0.6	
28	383.777	1434	-2.6	0.2	0.6	0.5	-1.1	14052014	0	
28	383.477	1434.1	-3.8	-0.7	0.4	0.2	-0.6	13168239	1.3	
28	383.177	1434	-3	-0.7	0.1	1.6	-0.2	12537425	1.7	
28	382.877	1434	-4	-0.5	-0.3	1.5	0.1	12316177	2.3	
28	382.577	1434.1	-3.8	-1	-0.3	1.8	0.2	12537425	2.8	
28	382.277	1434.2	-3	-0.3	-0.5	3	0.4	13251582	3	
28	381.977	1434.2	-3.3	-0.9	-0.6	2.8	0.6	14641608	3.1	
28	381.677	1434.3	-3.2	-0.2	-0.8	4.1	1	16885081	3	
28	381.377	1434.8	-3.7	-0.6	-0.6	2.7	1.6		2.7	
28	381.077	1434.7	-3.1	0.1	-0.8	3.1	1.7		1.8	
28	380.777	1434.4	-3.4	-0.4	-1.2	1.6	1.8		1.2	
28	380.477	1434.2	-3.7	-1.3	-1.3	1	1.8		0.4	
28	380.177	1434.1	-3.6	-1.2	-1.7	0.3	1.9		-0.7	
28	379.877	1434.3	-3.6	-1.9	-1.8	-0.8	2.1	18206522	-1.4	
28	379.577	1434.1	-3.6	-1.4	-1.9	-1.5	2.2	14849291	-2.1	
28	379.277	1433.9	-4.8	-2.9	-1.7	-3.5	2.1	12389053	-2.4	
28	378.977	1433.7	-4.8	-2.4	-1.7	-3.2	1.9	10962042	-3.1	
28	378.677	1433.5	-4.9	-2.8	-1.4	-4.6	1.6	10114734	-3.5	
28	378.377	1433.5	-4.5	-2.3	-0.7	-4.5	1.4	9829812	-4.1	
28	378.077	1433.5	-4.5	-1.8	-0.4	-4.9	1.3	9970238	-4.4	
28	377.777	1433.8	-5.3	-3	0.2	-6.4	1	10521357	-4.9	
28	377.477	1433.7	-5.4	-2.1	0.3	-6.7	0.6	11504121	-4.9	
28	377.177	1433.4	-5.1	-2.6	0.2	-6.7	0.1	13004659	-4.7	
28	376.877	1432.7	-4.2	-1.7	-0.1	-5.5	-0.4	14539931	-4.4	
28	376.577	1432.3	-5.8	-3.3	-0.2	-6.6	-0.8	15742481	-3.9	
28	376.277	1432	-4.6	-0.9	-0.3	-5.1	-1.1	15742481	-4	
28	375.977	1431.3	-4.9	-2.1	-0.7	-5.7	-1.5	14439655	-3.6	
28	375.677	1431	-4.3	-1.2	-0.7	-4.4	-1.8	12612952	-3.3	
28	375.377	1431	-4.1	-0.7	-1	-3.7	-1.7	10904948	-2.5	
28	375.077	1431.3	-3.5	-0.9	-1	-2.3	-1.4	9431306	-2.2	
28	374.777	1432	-2.6	-0.1	-0.7	-1.9	-0.8	8308532	-2.2	
28	374.477	1432.6	-1.4	0.4	-0.3	-1.6	-0.1	7477679	-2.4	
28	374.177	1432.8	-1.5	1.4	-0.4	-0.3	0.6	6910066	-2.1	
28	373.877	1433.4	-2.1	-0.4	-0.3	-1.4	1.3	6584120	-1.7	
28	373.577	1433.5	-1.1	1.4	0	0.3	1.7	6462192	-1.4	
28	373.277	1433.6	-1.8	0.6	0	0	1.9	6522586	-0.7	
28	372.977	1433.7	-0.5	1.9	0.2	1.7	1.8	6689297	-1	
28	372.677	1433.6	-1.3	1.5	0	0.7	1.4	6910066	-0.7	
28	372.377	1433.6	-0.6	1.3	-0.1	1.7	1	7121599	-0.5	
28	372.077	1433.2	-0.2	2.1	-0.4	2	0.4	7269965	-0.2	
28	371.777	1432.9	-0.7	1.6	-0.3	2	-0.2	7398410	0	
28	371.477	1432.7	-0.2	3.6	-0.3	2.9	-0.6	7477679	-0.3	
28	371.177	1432.4	-0.7	1.9	-0.4	1.7	-0.9	7613637	-0.5	
28	370.877	1432.4	-0.7	3.1	-0.4	1.7	-0.9	7669414	-0.9	
28	370.577	1432.5	-2.3	0.7	-0.3	-0.5	-0.8	7783457	-0.8	
28	370.277	1433	-1.8	2.2	-0.3	0.5	-0.3	8022031	-1.2	
28	369.977	1433.4	-3	0.8	-0.3	-1.4	0.1	8580943	-1.3	
28	369.677	1433.9	-3.5	-0.5	0	-2.4	0.5	9693287	-1.3	
28	369.377	1434	-3.9	-0.6	0	-2.8	0.7	11696928	-1.1	
28	369.077	1433.9	-4.7	-1.5	0.2	-3.6	0.5	15062950	-0.9	
28	368.777	1433.8	-4.6	-0.9	0.1	-3.2	0.4		-0.8	
28	368.477	1433.7	-4.8	-1.7	0	-4	0.2		-0.8	
28	368.177	1433.5	-4.8	-1.4	-0.3	-3.5	0		-0.9	
28	367.877	1433.6	-5.7	-2	-0.2	-4.6	-0.3		-0.8	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
28	367.577	1433.5	-5.1	-1.5	-0.2	-4.1	-0.7		-1.2	
28	367.277	1433.6	-4.6	-1	-0.2	-3.7	-0.8		-1.5	
28	366.977	1433.6	-3.7	-0.1	-0.2	-3	-0.6		-1.8	
28	366.677	1433.7	-3.8	1	-0.4	-2.9	-0.2		-1.8	
28	366.377	1434.2	-3.7	1.1	-0.3	-3	0.5		-1.9	
28	366.077	1434.7	-2.5	2.4	-0.1	-2.3	1.1		-2.5	
28	365.777	1435.2	-2.1	2.4	0.2	-2.4	1.6		-2.8	
28	365.477	1435.2	-1.9	2.6	0.2	-1.9	1.7	17447917	-2.9	
28	365.177	1435.5	-1.3	4	0.3	-1.2	2	12612952	-2.9	
28	364.877	1435.2	-1.3	4.1	0.2	-0.4	1.8	10114734	-2.5	
28	364.577	1434.9	-1	4.1	-0.1	-1.1	1.6	8834388	-2.3	
28	364.277	1434.7	-0.7	3.5	0.1	-0.5	1.1	8308532	-2.3	
28	363.977	1434.2	-0.6	5.2	-0.1	0	0.3	8308532	-1.9	
28	363.677	1433.7	-0.5	4.1	-0.2	0.4	-0.5	8760460	-1.5	
28	363.377	1433.4	-0.3	4.6	-0.6	0.8	-0.9	9648618	-0.7	
28	363.077	1433	-0.1	4.2	-0.7	1.9	-1	11019737	-0.3	
28	362.777	1432.9	-0.9	3.2	-0.9	1.1	-0.9	12766768	0.2	
28	362.477	1432.9	-2.1	1.4	-0.6	1.5	-0.7	14539931	1.4	
28	362.177	1433.3	-0.7	1.9	-0.3	3.5	-0.2	16105769	1.4	
28	361.877	1433.4	-1.1	0.3	-0.2	2.3	0.1	16617064	1.4	
28	361.577	1433.9	-1.3	0.2	0.1	1.8	0.7	15982825	1.3	
28	361.277	1434.1	-2.4	-0.3	0.4	1.4	1.1	14849291	1.6	
28	360.977	1434.5	-1.5	-0.4	0.5	1.4	1.5	13508065	0.9	
28	360.677	1434.1	-2.7	-0.9	0.4	-0.6	1.4	12462798	0.5	
28	360.377	1433.8	-2.3	-1.8	0.6	-0.2	1	11829096	-0.2	
28	360.077	1433.2	-3.2	-1.9	0.7	-1.1	0.2	11762641	-0.6	
28	359.777	1432.8	-4.6	-4	0.8	-3.7	-0.7	12033046	-1.5	
28	359.477	1432.2	-3.2	-3	0.9	-2.6	-1.5	12689394	-1.6	
28	359.177	1431.9	-3.1	-2.4	0.5	-2.2	-1.9	13508065	-2	
28	358.877	1431.5	-3.9	-3.7	0.1	-3.5	-2.3	14052014	-1.9	
28	358.577	1431.6	-3.7	-3	-0.2	-2.9	-2.3	14146960	-1.9	
28	358.277	1431.7	-3	-2.3	-0.3	-2.4	-2.1	13684641	-2.1	
28	357.977	1431.5	-3.6	-1.3	-0.7	-2.2	-1.8	12845092	-1.7	
28	357.677	1431.8	-3.3	-1.5	-0.8	-2	-1.2	11696928	-1.8	
28	357.377	1432.1	-4	-1	-1	-1.6	-0.4	10521357	-1.3	
28	357.077	1432.3	-3.3	0.2	-1.2	-0.6	0.3	9560502	-1.2	
28	356.777	1432.7	-4.4	-0.5	-1	-1.5	1	8871822	-0.6	
28	356.477	1433.3	-2.1	2.6	-0.7	0.2	1.7	8442541	-1.7	
28	356.177	1433.7	-3.8	0.8	-0.6	-2.3	2.2	8308532	-1.6	
28	355.877	1434.1	-2.7	2.1	-0.5	-1.8	2.6	8442541	-2.3	
28	355.577	1434.2	-3.8	1	-0.5	-2.1	2.7	8760460	-2	
28	355.277	1434.5	-2.9	2.8	-0.6	-1.9	2.9	9264381	-2.2	
28	354.977	1434.2	-2.8	2.3	-1.2	-1.7	2.7	10114734	-2.3	
28	354.677	1434.1	-4.6	0	-0.9	-3.6	2.2	11019737	-2	
28	354.377	1433.5	-3.8	-0.1	-1.2	-1.4	1.4	11964286	-1.8	
28	354.077	1433	-4.1	-0.3	-1.4	-2.7	0.6	12689394	-1	
28	353.777	1432.6	-2.6	1.1	-1.3	-0.4	0	13085938	-1.2	
28	353.477	1432.2	-3.5	-1	-1.2	-2.1	-0.5	13085938	-1	
28	353.177	1432.5	-3.8	-1.7	-0.5	-1.7	-0.8	12766768	-1	
28	352.877	1432.7	-3	-1.1	-0.1	-1.2	-0.8	12244152	-0.8	
28	352.577	1433.2	-2.8	-1.5	0.7	-1.7	-0.6	11631945	-1	
28	352.277	1433.2	-2.7	-1.4	0.8	-0.8	-0.4	11078042	-1.1	
28	351.977	1433.9	-3.9	-2.9	1.3	-2.2	0	10848446	-1.1	
28	351.677	1434.2	-2.7	-2	1.2	-0.5	0.3	10792526	-1.2	
28	351.377	1434.1	-3	-2.4	0.9	-2.1	0.4	11136968	-1.3	
28	351.077	1433.8	-2	-1.5	0.4	-1.6	0.5	11829096	-1.8	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
28	350.777	1433.4	-2.4	-2.1	-0.4	-1.7	0.4	13004659	-2	
28	350.477	1432.7	-2.3	-2.2	-1.2	-1.9	0.1	14340754	-2	
28	350.177	1432	-1.4	-0.5	-2	-1.4	-0.2	15742481	-1.9	
28	349.877	1431.6	-1.4	0.7	-2	-0.9	-0.3	16750000	-1.6	
28	349.577	1431.7	-1.7	-1	-1.8	0.6	-0.4	16750000	-1.4	
28	349.277	1432.3	-2.6	-1.5	-1.4	-0.8	-0.3	15625000	-0.8	
28	348.977	1433.1	-1.8	-0.5	-0.6	0.2	-0.1	13958333	-0.7	
28	348.677	1433.6	-0.8	1.6	-0.1	0.6	0.3	12033046	-0.2	
28	348.377	1434.4	-1.7	-0.2	0.6	0.6	0.7	10263481	0	
28	348.077	1434.9	-1.7	1	1.1	1.1	1	8909575	0.3	
28	347.777	1435.2	-0.9	1.4	1.6	1.5	1.3	7783457	0.2	
28	347.477	1434.5	-1.6	1.6	1.2	0.7	1.3	6932947	0.7	
28	347.177	1434	-3.4	1.2	0.8	-0.5	1.2	6363982	0.9	
28	346.877	1433.7	-2.6	0.6	0.2	1.1	1.1	5999284	0.5	
28	346.577	1433.6	-2.3	0.8	-0.3	0.1	1	5783840	-0.2	
28	346.277	1433.1	-1.2	2.7	-1	-0.2	0.9	5705041	-0.8	
28	345.977	1432.8	-2.1	1.6	-1.5	-1	0.7	5783840	-1.1	
28	345.677	1432.8	-2.8	0.2	-2	-1.6	0.7	6033862	-1.3	
28	345.377	1432.7	-3.1	0.5	-2.2	-2.6	0.4	6442308	-1.5	
28	345.077	1432.5	-1.7	1.6	-1.9	-1.7	0.1	7049664	-1.8	
28	344.777	1432.3	-2.4	1.6	-2	-1.9	0.1	7812500	-1.9	
28	344.477	1432.5	-3.8	-0.5	-1.6	-3.4	0.1	8687760	-1.8	
28	344.177	1432.7	-3.4	1	-1.3	-2.9	0.1	9604358	-1.9	
28	343.877	1432.8	-2.8	-0.7	-0.5	-3.4	-0.2	10521357	-2	
28	343.577	1432.9	-2.7	1.1	0	-3.2	-0.5	11196524	-2.1	
28	343.277	1433.3	-3.2	-0.5	0.5	-3.2	-0.5	11567680	-1.9	
28	342.977	1433.9	-3	0.8	0.8	-2.3	-0.3	11567680	-1.8	
28	342.677	1434.2	-2	0.9	0.9	-2.7	0	11504121	-1.8	
28	342.377	1434.4	-1.4	1.4	1.1	-2.1	0.2	11441257	-1.9	
28	342.077	1434.3	-1.9	2.7	1	-2	0.2	11504121	-1.9	
28	341.777	1434.3	-2.5	1.3	1.1	-2.1	0.2	11829096	-1.8	
28	341.477	1434	-1.5	2.6	0.9	-2.2	0.1	12462798	-1.8	
28	341.177	1433.9	-1.1	1.5	0.8	-1.6	0	13421474	-1.7	
28	340.877	1433.8	-1	2.5	0.5	-0.9	-0.1	14744718	-1.5	
28	340.577	1434	-1.8	2	0.5	-0.6	-0.1	16230620	-1	
28	340.277	1434.1	-0.5	2.5	0.4	0.2	-0.3	17447917	-1	
28	339.977	1433.9	0.1	2.9	0.4	0.3	-0.6	18366228	-1.1	
28	339.677	1433.6	0.2	2.9	0.2	1.4	-0.7	18694197	-1.2	
28	339.377	1433.3	-1	2.9	0	1.2	-0.6	18206522	-0.5	
28	339.077	1433.3	0.6	3.3	-0.1	2.7	-0.3	17161885	-1.3	
28	338.777	1433.2	0.4	3.4	-0.6	1.7	0.1	15742481	-1.4	
28	338.477	1433.5	0	2	-0.7	0.7	0.7	14641608	-2.5	
28	338.177	1433.4	-1.3	1.1	-1.1	-0.1	1	13865894	-2.5	
28	337.877	1433.7	-1.5	0.8	-1.4	-1.1	1.6	13421474	-2.8	
28	337.577	1433.9	-1.3	0.1	-1.8	-1.4	2.1	13421474	-3.2	
28	337.277	1433.8	-3	-1.6	-1.9	-4	2.3	13684641	-3.5	
28	336.977	1433.5	-3	-1.3	-2	-3.2	2.3	13865894	-3.9	
28	336.677	1433.4	-5.3	-2.7	-2.1	-6	2.3	14146960	-3.3	
28	336.377	1433.5	-4.3	-2.5	-1.7	-5	2.2	14340754	-3.6	
28	336.077	1433.2	-5.3	-4.5	-1.8	-6.2	1.7	14439655	-3.3	
28	335.777	1433	-5.6	-3.9	-1.4	-5.6	1.1	14340754	-3	
28	335.477	1433	-5.9	-4.2	-1	-5.5	0.5	14146960	-2.7	
28	335.177	1433.3	-6.2	-5.3	-0.2	-5.6	0.1	13595779	-2.2	
28	334.877	1433.3	-5.1	-3.5	0.2	-3.9	-0.2	12845092	-2	
28	334.577	1433.2	-6.5	-3.1	0.5	-5	-0.5	12033046	-1.6	
28	334.277	1433.1	-5.8	-3.2	0.9	-2.9	-0.9	11317568	-1.5	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
28	333.977	1432.9	-6.3	-4	0.9	-4	-1.3	10792526	-0.6	
28	333.677	1433.2	-4.7	-3.5	1.4	-1.5	-1.2	10263481	-0.4	
28	333.377	1433.1	-4.6	-2.5	1.3	-1.5	-1.1	9693287	-0.2	
28	333.077	1433.2	-4.7	-1.9	1.1	-1.2	-0.8	9305556	-0.1	
28	332.777	1433	-4.2	-1.1	0.7	-0.1	-0.7	9183114	0.4	
28	332.477	1432.9	-3.4	-1.7	0.5	-0.1	-0.5	9347098	0.6	
28	332.177	1432.8	-3.1	-0.7	0.5	1.3	-0.5	9783879	0.6	
28	331.877	1432.9	-3.4	0.4	0.6	0.6	-0.5	10416667	0.4	
28	331.577	1433	-1.6	1.8	0.7	2.7	-0.6	11379076	0.1	
28	331.277	1432.9	-1.9	0.9	0.5	1.7	-0.8	12537425	0.4	
28	330.977	1432.9	-1	1.7	0.7	2.2	-0.9	13774671	0	
28	330.677	1432.8	-1.2	2	0.6	2.1	-0.9	14955357	-0.3	
28	330.377	1432.7	-1.2	1.8	0.6	1.5	-0.8	15861743	-0.8	
28	330.077	1432.5	-0.2	1.8	0.5	1.5	-0.8	15982825	-1.5	
28	329.777	1432.4	-1.1	0.3	0.2	0.4	-0.5	15172102	-1.7	
28	329.477	1432.5	-1.5	0.4	-0.3	0.5	-0.1	13774671	-1.8	
28	329.177	1432.9	-2.1	0.4	-0.4	-1.1	0.4	12462798	-1.8	
28	328.877	1433.2	-1.7	-0.2	-0.8	-0.6	1	11317568	-1.8	
28	328.577	1433.1	-1.9	-0.8	-1.4	-1.3	1.3	10574495	-1.9	
28	328.277	1433	-2.5	-1.5	-1.8	-1.8	1.5	10213415	-2	
28	327.977	1432.8	-2.9	-1.1	-2.2	-2.4	1.5	10213415	-2	
28	327.677	1432.6	-3	-2.5	-2.1	-3	1.3	10737180	-2	
28	327.377	1432.5	-3.3	-3.4	-1.9	-2.9	1	11964286	-2.3	
28	327.077	1432.9	-4.2	-4.4	-1.8	-3.6	1	13958333	-2.4	
28	326.777	1432.9	-4.1	-3.1	-1.8	-3.4	0.8	17161885	-2.5	
28	326.477	1433.2	-3.9	-4.5	-1.5	-3.6	0.8		-2.2	
28	326.177	1433.5	-4	-4.4	-1	-3.4	0.8		-2.3	
28	325.877	1433.9	-4.1	-4.1	-0.6	-3.2	0.8		-2.2	
28	325.577	1434.2	-3.7	-2.4	-0.2	-3.1	0.9		-2.3	
28	325.277	1434.4	-3.8	-2.3	-0.1	-3.4	1		-2.2	
28	324.977	1434.5	-4.3	-3	0.2	-3.9	1		-2.1	
28	324.677	1434.9	-4.6	-1.6	0.1	-3.3	1.2		-2	
28	324.377	1435	-4.3	-1.3	0.4	-3.4	1.2		-2	
28	324.077	1434.7	-3.3	2	0.2	-2.3	1		-1.8	
28	323.777	1434.3	-3.8	0.5	0	-2.5	0.8		-1	
28	323.477	1434.3	-3.7	1.6	0.1	-2.2	0.7		-0.6	
28	323.177	1434.3	-2.9	2.7	0.4	-1.2	0.4		-0.2	
28	322.877	1434.4	-2.3	3.6	0.8	-0.4	0		0	
28	322.577	1434.2	-1.8	4.4	0.9	0.9	-0.4		0.5	
28	322.277	1434.2	-2.3	2.8	1.2	1.5	-0.8	17594538	0.8	
28	321.977	1434	-1.7	4.8	1	2.4	-1.1	15509259	1	
28	321.677	1433.8	-1.6	4.2	1.3	2.1	-1.5	13865894	1.2	
28	321.377	1433.5	-0.5	5.8	1.2	3.6	-1.6	12389053	1.1	
28	321.077	1433.1	-0.1	4.6	0.8	4.4	-1.5	11078042	1	
28	320.777	1432.9	-0.1	4.5	0.4	3.6	-1.3	9970238	0.2	
28	320.477	1432.9	0.1	4.8	0.1	2.7	-0.9	9103261	-0.5	
28	320.177	1432.9	-0.1	4.1	-0.2	1.5	-0.4	8442541	-1.4	
28	319.877	1432.8	-1.4	2	-0.6	0.2	0.1	7900944	-1.6	
28	319.577	1433.2	-1.8	1.3	-0.6	-0.5	0.7	7558664	-2.1	
28	319.277	1433.2	-1.7	1.7	-0.8	-1.2	1	7398410	-2.8	
28	318.977	1433.5	-2.1	-0.5	-0.8	-2.8	1.4	7451068	-3.5	
28	318.677	1433.3	-3.2	-1.3	-0.9	-4.2	1.4	7697610	-3.7	
28	318.377	1433.3	-4.1	-3.1	-0.7	-4.8	1.4	8083977	-3.6	
28	318.077	1433	-3.9	-2.7	-0.7	-4.7	1	8580943	-3.8	
28	317.777	1432.7	-4.1	-2.9	-0.7	-4.9	0.6	9143013	-3.8	
28	317.477	1432.3	-4.1	-3.9	-0.6	-3.9	0.1	9693287	-3.8	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
28	317.177	1432.2	-5	-3.9	-0.8	-4.4	-0.2	10114734	-3.2	
28	316.877	1432.2	-5	-3.5	-0.5	-3.8	-0.5	10574495	-2.9	
28	316.577	1432.3	-5.1	-3	-0.4	-3.7	-0.8	10962042	-2.8	
28	316.277	1432.4	-5.2	-3.5	-0.1	-3.2	-0.9	11379076	-2.7	
28	315.977	1432.3	-5.7	-3.8	-0.1	-2.8	-1	11829096	-2.2	
28	315.677	1432.5	-6.1	-3.6	0.1	-2.8	-0.8	12537425	-1.8	
28	315.377	1432.7	-5.9	-3	0.2	-2	-0.6	13684641	-1.5	
28	315.077	1432.9	-6.6	-3.6	0.4	-2.8	-0.4	15742481	-1.3	
28	314.777	1433.1	-5.9	-2.6	0.3	-1.5	-0.2	19034091	-1.2	
28	314.477	1433.2	-6.4	-2.2	0.5	-1.8	0		-0.7	
28	314.177	1433.5	-6.4	-2.3	0.5	-1.2	0.3		-0.5	
28	313.877	1433.4	-6.2	-2.3	0.1	-1.1	0.4		-0.4	
28	313.577	1433.5	-6	-2	0	-1	0.7		-0.6	
28	313.277	1433.3	-6.3	-2.2	-0.5	-0.4	0.7		-0.3	
28	312.977	1433.5	-6.6	-2.9	-0.6	-0.8	0.9		0	
28	312.677	1433.6	-6	-2.2	-0.9	0.3	1		-0.3	
28	312.377	1433.7	-6.1	-1.8	-1.1	-0.8	1.1		-0.4	
28	312.077	1433.3	-5.5	-0.9	-1.4	0	1.1		-0.5	
28	311.777	1433.2	-6.2	-1.9	-1.5	-0.3	1.1		-0.2	
28	311.477	1433.3	-5.8	-2.5	-1.2	0	1.2		-0.3	
28	311.177	1433.3	-5.4	-1.6	-1.3	0.5	1.2		-0.2	
28	310.877	1433.6	-6.2	-2.5	-0.9	-0.6	1.2		-0.1	
28	310.577	1433.7	-5.8	-2.9	-0.7	0.2	1.1		0	
28	310.277	1434.1	-6.5	-4.2	-0.3	-1	1	19940476	-0.1	
28	309.977	1434.2	-5.5	-3.7	-0.3	0	0.9	18366228	-0.3	
28	309.677	1434	-5.6	-3.3	-0.4	-0.8	0.7	18206522	-0.4	
28	309.377	1433.7	-5.9	-4.2	-0.5	-0.6	0.5		-0.4	
28	309.077	1433.3	-6	-4.4	-0.8	-0.8	0.2		-0.2	
28	308.777	1433.3	-6.2	-5.7	-0.7	-1.1	0.1		-0.2	
28	308.477	1433.2	-5.1	-5	-0.9	0	0		-0.5	
28	308.177	1433.2	-5.4	-5.3	-0.8	-1	0		-0.7	
28	307.877	1433.3	-5.3	-5.4	-0.8	-0.7	0		-0.9	
28	307.577	1433.5	-5.5	-5.4	-0.3	-1.7	0		-1.4	
28	307.277	1434	-5	-3.6	0.1	-1.4	0.1		-2	
28	306.977	1434.3	-5.2	-3.4	0.5	-2.7	0.1		-2.5	
28	306.677	1434.5	-4.9	-3.2	1	-2.9	0.1		-3	
28	306.377	1434.5	-5.2	-3.1	1.1	-3.6	0.1		-3.2	
28	306.077	1434.6	-5	-1.8	1.2	-4.2	0.1		-3.6	
28	305.777	1434.3	-4.5	-0.4	1.2	-4.8	-0.2		-4.1	
28	305.477	1434.1	-4.5	-0.6	1.1	-4.6	-0.5		-4.1	
28	305.177	1433.5	-5	-0.9	0.9	-4.9	-1		-3.5	
28	304.877	1433.5	-5.6	-1.5	0.7	-5	-1.3		-2.8	
28	304.577	1433.6	-4.1	0.9	0.7	-3.4	-1.7		-2.5	
28	304.277	1433.6	-4	1	0.6	-3	-2	18862613	-1.6	
28	303.977	1433.4	-3.3	1.8	0.5	-1.6	-2.2	17895299	-0.6	
28	303.677	1433.4	-3.8	1.4	0.6	-0.7	-2.3	17447917	0.6	
28	303.377	1433.5	-2.2	3.5	0.7	0.7	-2.1	17743644	1.2	
28	303.077	1433.7	-2.7	3.4	0.7	2.5	-1.5	18366228	2.5	
28	302.777	1433.7	-1.7	4.2	0.8	3	-1		3	
28	302.477	1434.2	-1.9	4.7	0.8	4.3	-0.3		3.1	
28	302.177	1434.9	-1.1	4.8	0.7	3.5	0.4		2.7	
28	301.877	1435.5	-0.3	6.1	1	4.4	1		2.4	
28	301.577	1435.7	0.6	7	0.8	4.2	1.5		1.7	
28	301.277	1435.6	0.1	6.3	0.5	4.2	1.7		1.5	
28	300.977	1435.6	1.2	7.2	0.3	3.5	1.8		0.2	
28	300.677	1434.9	-0.8	5.5	-0.2	1.5	1.4		0.6	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
28	300.377	1434.4	1.7	8.3	-0.3	3	1		-0.7	
28	300.077	1433.8	-0.6	5.4	-0.6	0.8	0.5		-0.9	
28	299.777	1434	0.3	6.4	-0.4	0.6	0.2		-1.8	
28	299.477	1433.5	-0.6	4.9	-0.5	-0.4	-0.4		-1.7	
28	299.177	1433.4	-0.4	5.8	-0.5	-0.9	-0.6		-1.8	
28	298.877	1433.3	-1.4	4.4	-0.2	-2.1	-0.8		-2.1	
28	298.577	1433.5	-2	3.4	0.2	-3.3	-0.7		-2.3	
28	298.277	1433.7	-0.8	5.4	0.9	-1.9	-0.7		-3	
28	297.977	1433.6	-2.3	3.5	1	-4.7	-0.5		-2.5	
28	297.677	1433.6	-2.7	3.8	1	-3.6	-0.3		-2.2	
28	297.377	1433.5	-3.2	2.3	0.5	-4.5	-0.1		-1.6	
28	297.077	1433.4	-3.4	2.2	0.4	-3.7	0.1		-0.9	
28	296.777	1433.2	-3.1	2.8	0.1	-2.8	0.2		0.3	
28	296.477	1432.9	-2.9	3.1	-0.5	-1.7	0.4		0.7	
28	296.177	1432.4	-3.1	3.1	-1.3	-1.4	0.5		1.4	
28	295.877	1432.2	-3	2.1	-1.6	-1.4	0.6		2.1	
28	295.577	1431.9	-1.8	3.6	-1.9	1.1	0.7		2.5	
28	295.277	1431.9	-2	3.3	-2	0.7	0.9		2.6	
28	294.977	1432.2	-0.8	4.7	-1.8	2	0.9	19034091	1.9	
28	294.677	1432.3	-0.6	4.4	-1.5	1.1	0.8	17161885	1.2	
28	294.377	1432.4	0.5	5.7	-1.3	2.3	0.8	15282847	0.6	
28	294.077	1432.7	0.4	5.3	-0.9	1.4	0.9	13595779	0	
28	293.777	1432.8	1.5	6.7	-0.5	1.1	0.7	12172965	-1.7	
28	293.477	1432.6	1.7	6.7	-0.2	1.2	0.5	11019737	-2.5	
28	293.177	1432.5	1.5	6	0	-1	0.3	10066106	-3.8	
28	292.877	1432.4	2.5	7	0.2	-1.1	-0.1	9431306	-5	
28	292.577	1432.7	1.4	6.4	0.3	-3.6	-0.3	8909575	-5.7	
28	292.277	1432.6	2.4	8	0.4	-2.6	-0.6	8760460	-6.2	
28	291.977	1432.6	0.8	4.9	0.3	-5	-0.6	8871822	-6.2	
28	291.677	1432.5	1	5	-0.1	-4.9	-0.5	9223568	-6.3	
28	291.377	1432.7	0.6	3.9	-0.1	-5.6	-0.3	9829812	-6.2	
28	291.077	1432.4	-0.9	2.9	-0.2	-7	-0.3	10628173	-5.6	
28	290.777	1432.6	-0.7	1.5	0	-5.9	0	11631945	-4.7	
28	290.477	1432.7	-0.8	1.9	-0.2	-5.6	0.5	12244152	-3.6	
28	290.177	1433.1	-0.6	1.1	-0.5	-3.9	1.1	12612952	-2.4	
28	289.877	1433.3	-1.8	0.1	-0.6	-4.3	1.5	12612952	-0.8	
28	289.577	1433.5	-1.4	-0.3	-0.5	-2.7	1.7	12244152	-0.1	
28	289.277	1433.5	-1.2	-0.9	-0.3	-2	1.7	11504121	0.8	
28	288.977	1433.4	-1.6	-2.2	-0.5	-1.4	1.6	10737180	1.9	
28	288.677	1433.1	-0.7	-0.8	-0.7	1	1.6	9970238	2.6	
28	288.377	1432.6	-0.5	-1.7	-1.1	1	1.3	9347098	2.8	
28	288.077	1432.4	-0.2	0.6	-1.4	1.7	1.1	8909575	2.8	
28	287.777	1432.2	0.4	-1.3	-1.7	2.4	0.9	8723959	2.7	
28	287.477	1432.2	1	1.6	-1.7	3.6	0.7	8651860	2.1	
28	287.177	1431.9	1.7	1.4	-2	2.9	0.4	8651860	1.7	
28	286.877	1431.7	2.1	2.7	-2.1	3.4	0.3	8871822	1.5	
28	286.577	1431.9	2.9	3.3	-2	3.8	0.3	9223568	0.8	
28	286.277	1432	2.8	4.2	-1.8	2.6	0.1	9738372	0.4	
28	285.977	1432.3	3.3	5.3	-1.6	2	0.1	10263481	-0.4	
28	285.677	1432.7	2.6	3.4	-1.4	0.2	0	10737180	-1	
28	285.377	1432.9	2	4.3	-1.4	-0.3	-0.2	11256721	-1.2	
28	285.077	1433.2	0.8	3.5	-1.8	-2	-0.3	11762641	-1.1	
28	284.777	1433.5	2.5	5.7	-2	-1.6	-0.1	12102601	-2	
28	284.477	1433.6	1.6	5	-1.9	-2.4	-0.2	12172965	-1.8	
28	284.177	1433.9	1.5	4.6	-1.6	-3	-0.3	11762641	-2.2	
28	283.877	1434.3	1.9	4.8	-1.4	-2.9	-0.4	11136968	-2.6	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
28	283.577	1435.1	2.4	5.5	-0.8	-1.9	-0.5	10416667	-3.1	
28	283.277	1435.8	3.1	6.1	-1.2	-1.2	-0.3	9783879	-3.3	
28	282.977	1436.8	1.8	3.6	-0.6	-2.9	-0.1	9305556	-3.5	
28	282.677	1438.4	2.4	4.4	0.9	-2	0.3	8797269	-3.8	
28	282.377	1439.4	2.5	3.3	2.4	-3.5	0.1	8511179	-4.5	
28	282.077	1439.6	2.4	3	3.1	-3	0.1	8210785	-4.9	
28	281.777	1439.6	1.8	1.3	3.5	-3	0.1	8083977	-5.1	
28	281.477	1440.1	1.7	1.3	3.9	-3.4	0.1	8210785	-5.2	
28	281.177	1440.5	-0.9	-2.4	4.1	-5.5	0.1	8616255	-3.9	inicio cambio de via
28	280.877	1441.8	-0.6	-2.3	5	-4.8	0.1	9143013	-2.9	
28	280.577	1442.2	0.4	-1.1	4.7	-3.4	0.5	9783879	-3.4	
28	280.277	1441.1	0.3	-2.2	2.9	-3.8	0.5	10792526	-3.4	
28	279.977	1440.3	0.5	-0.9	1.7	-4	0.5	12244152	-3.3	
28	279.677	1439.1	-0.7	-3.1	0.2	-3.9	0.7	14052014	-2.1	
28	279.377	1438.1	-2	-2.8	-0.4	-3.3	0.7	16357422	-0.8	
28	279.077	1437.8	-2.1	-3.1	-0.9	-2.3	0.7	18528761	-0.1	
28	278.777	1437.6	-0.9	-1.5	-1.3	0.1	0.7	19752359	0.2	
28	278.477	1437.5	-0.5	0.4	-2	0.6	0.7		0.4	
28	278.177	1437.3	-1	-0.3	-1.9	0.1	0.4	19386574	1	
28	277.877	1437	-0.9	-0.1	-1.2	0.9	0	17895299	1.2	
28	277.577	1436.9	-0.1	0.5	-0.7	2.2	-0.1	16105769	1.4	
28	277.277	1436.7	-0.2	1.6	-0.3	3	-0.1	14340754	1.5	
28	276.977	1436	-0.8	0.6	-0.4	4	-0.5	12845092	1.7	
28	276.677	1435.9	-1.4	-0.2	-0.5	2.8	-0.7	11696928	2	
28	276.377	1435.8	-0.7	0.9	-0.7	3.3	-0.8	10848446	2	
28	276.077	1435.7	-0.8	-0.1	-1	3.9	-0.6	10163835	1.9	
28	275.777	1435.5	-0.6	-0.1	-1.5	3.4	-0.3	9693287	1.7	
28	275.477	1435.2	-1.5	-1.3	-1.4	3.1	-0.2	9347098	1.5	
28	275.177	1435.1	-2.3	-2.7	-1.9	2.2	0.1	9063853	2.1	
28	274.877	1435.1	-2.6	-3.6	-1.9	2.3	0.4	8834388	2.4	
28	274.577	1435.7	-4.2	-5.9	-1.4	-0.6	0.7	8797269	1.7	
28	274.277	1436.4	-2.3	-4.4	-1.6	1.1	1.4	8834388	1.1	
28	273.977	1436.9	-3.1	-6	-1.5	-1.2	1.9	9024785	0.6	
28	273.677	1437.1	-5	-7.8	-1.2	-3	2	9431306	0.5	
28	273.377	1437.2	-3.6	-6.9	-0.9	-3.4	1.8	10017943	-0.9	
28	273.077	1436.6	-5.4	-8	-1	-5.7	1.4	10848446	-1.4	
28	272.777	1436.8	-4.7	-6.7	-0.3	-4.8	1.2	12102601	-1.8	
28	272.477	1436.4	-4.8	-5.6	0	-5.5	0.5	14052014	-2.2	
28	272.177	1436.9	-3	-5.5	0.4	-3.3	0.3	16105769	-2.9	
28	271.877	1437.2	-3.1	-4.7	0.7	-3.3	-0.2	18049569	-2.5	
28	271.577	1437.2	-1.8	-3.3	1.1	-2.5	-0.9	19208716	-2.3	
28	271.277	1437	-2.2	-4.1	1.1	-1.1	-1.5	19752359	-1.6	
28	270.977	1437.1	-1.7	-4.1	1.2	-0.7	-1.7	19940476	-1.1	
28	270.677	1437.1	-0.6	-3.7	1.3	1.5	-1.5	19940476	-0.9	
28	270.377	1436.8	-1.1	-2.9	0.8	1.3	-1.5		-0.6	
28	270.077	1436.8	-0.4	-2.8	0.6	2.2	-1.2		-0.5	
28	269.777	1436.7	-1.1	-3.6	-0.2	1.4	-0.7		0	
28	269.477	1437	-2.4	-4.8	-0.3	0.5	-0.4		0.1	
28	269.177	1437.2	0	-1.8	-0.7	2.4	0.2		0.1	
28	268.877	1437.7	-0.4	-2.1	-0.7	2	0.9		0	
28	268.577	1438	-0.5	0.4	-0.8	1.7	1.4		-0.2	
28	268.277	1438.1	-0.6	0	-0.7	0.7	1.7		-0.4	
28	267.977	1438.3	-1.3	-1.7	0.3	1.4	2		-0.4	
28	267.677	1438.4	-1.4	-1.7	0.4	0	2.2		-0.8	
28	267.377	1438.4	-1.9	-2.4	0.5	-0.5	2.3		-1.1	
28	267.077	1438.3	-2.5	-1.8	0.6	-0.3	2.1		-1.3	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
28	266.777	1438.2	-2.9	-0.9	0.5	-2.7	1.9	-1.9E+07	-1.7	
28	266.477	1438.1	-2.6	-0.5	0.5	-2.6	1.7	-1.8E+07	-2.2	
28	266.177	1437.8	-3	-2.1	1.4	-1.8	1.4	-1.8E+07	-2.6	
28	265.877	1437	-2.8	-2.3	0.5	-1.3	1.1	-1.7E+07	-3.1	
28	265.577	1435.2	-5	-4	-1.3	-5.2	0.8	-1.6E+07	-3.6	
28	265.277	1434.7	-3.9	-3	-1.6	-5.2	0.5	-1.6E+07	-4.3	
28	264.977	1434.5	-3.9	-3.8	-1.7	-5.7	0.3	-1.5E+07	-4.7	
28	264.677	1434.2	-4.5	-4.3	-1.8	-6.2	0	-1.5E+07	-4.8	
28	264.377	1434.4	-3.8	-3	-1.6	-5.4	-0.3	-1.5E+07	-4.8	
28	264.077	1434.1	-4	-2.6	-1.5	-5.8	-0.8	-1.5E+07	-4.8	
28	263.777	1431.9	-7.1	-6.4	-3.1	-8.2	-1.4	-1.5E+07	-4.5	
28	263.477	1432.7	-8.7	-7.9	-1.7	-9.5	-1.8	-1.5E+07	-3.9	
28	263.177	1433.2	-5.4	-4.8	-0.5	-4.6	-1.9	-1.6E+07	-3.5	
28	262.877	1433.3	-4.5	-3	-0.3	-3.9	-2.1	-1.9E+07	-3.2	
28	262.577	1433.5	-3.8	-1.5	0	-2.4	-2.1		-2.8	
28	262.277	1433.8	-3.6	-1	-0.1	-1.4	-1.8		-2.4	
28	261.977	1434.4	-3.6	0.6	-0.1	-1.2	-1.3		-2.2	
28	261.677	1434.8	-3.4	-1.1	-0.3	-1.7	-0.6		-2.2	
28	261.377	1434.9	-3.7	-0.6	0.5	-0.3	-0.2		-1.9	
28	261.077	1435.3	-3.4	1.6	0.5	1.3	0		-1.5	
28	260.777	1436	-3.7	-0.1	0.9	-0.1	0.1		-1.1	
28	260.477	1436.7	-3.7	1.7	1.8	-0.8	-0.1		-0.9	
28	260.177	1436.7	-4.5	0.2	2.2	-1.4	-0.4		0	
28	259.877	1437.1	-4.8	0	3.1	-1.1	-0.6		0.5	
28	259.577	1437.1	-5.3	-2.3	3.5	-1.3	-1	18366228	1.2	
28	259.277	1437.3	-3.8	-0.7	3.9	-0.3	-1.3	16750000	1	
28	258.977	1437.2	-3.4	-1.6	4.5	-0.3	-1.6	16105769	0.8	
28	258.677	1436.9	-3.7	-1.5	4.4	-0.4	-1.9	16230620	1.1	
28	258.377	1436.9	-4	-2.3	4.1	-0.5	-1.9	17161885	1.5	
28	258.077	1436.7	-3.1	-2.5	3.5	0.1	-1.8	18862613	1.4	
28	257.777	1436.3	-2.4	-1.3	3.1	0.7	-1.6		1.2	
28	257.477	1435.4	-2.7	-2.3	2.1	0.7	-1.6		1.2	
28	257.177	1434.9	-2	-0.9	1.5	1.5	-1.5		1.1	
28	256.877	1434.5	-1.5	0.9	0.8	1	-1.4		0.9	
28	256.577	1433.8	-0.8	-0.8	0	1.2	-1.3		0.4	
28	256.277	1433.5	-1	-0.6	-0.4	0.9	-1.2		0.1	
28	255.977	1433.4	-0.3	0.2	-0.9	1.2	-1		-0.4	
28	255.677	1433.3	0.1	0.7	-1.5	1	-0.8	-1.8E+07	-0.9	
28	255.377	1433	0.7	2	-2.1	0.5	-0.6	-1.4E+07	-1.4	
28	255.077	1432.8	0.4	1.8	-2.3	0.4	-0.3	-1.3E+07	-1.4	
28	254.777	1432.7	0.4	2.3	-2.4	0.2	0.1	-1.2E+07	-1.6	
28	254.477	1432.9	0.6	3.1	-2.6	-0.3	0.7	-1.1E+07	-1.9	
28	254.177	1433	0.3	3.2	-2.4	-1.1	1.2	-1.2E+07	-1.8	
28	253.877	1433.3	0.1	2.7	-2.2	-1.1	1.7	-1.3E+07	-1.8	
28	253.577	1433.7	0.3	3.3	-1.9	-1.4	2.2	-1.6E+07	-1.8	
28	253.277	1434.4	-0.4	2.4	-1.5	-1.5	2.8		-1.8	
28	252.977	1435.1	0.1	5.1	-1.2	-2	3.2		-2.2	
28	252.677	1435.4	-0.2	3.7	-1.1	-2.2	3.3		-2.1	
28	252.377	1435.2	-0.7	3.2	-1.3	-2.9	3.1		-1.7	
28	252.077	1435	-0.4	4.1	-1.3	-2.2	2.8		-1.6	
28	251.777	1434.6	0	3.8	-1.4	-1.6	2.3		-1.6	
28	251.477	1434.2	-0.1	3.9	-1.4	-1.7	1.9		-1.6	
28	251.177	1433.5	0	7.1	-1.4	-1.7	1.1		-1.7	
28	250.877	1432.9	-1.6	7.1	-1.4	-1.5	0.4		-0.4	
28	250.577	1433.2	-1	4.4	-1	-1.2	0.1		-0.3	
28	250.277	1433.5	-0.5	4	-0.6	-0.4	0		-0.4	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
28	249.977	1434.1	0.5	4.3	-0.2	0.1	0.2		-1.2	
28	249.677	1434.2	-0.2	3.4	-0.1	-0.8	0.3		-1.2	
28	249.377	1434.4	-0.2	3.4	-0.5	-0.9	0.7		-1.1	
28	249.077	1434	0	3.4	-0.9	-1	0.7		-1.2	
28	248.777	1433.9	-0.3	3.4	-0.8	-1.4	0.8	16486221	-1.4	
28	248.477	1433.4	-0.5	2.9	-0.9	-0.7	0.7	12845092	-1.5	
28	248.177	1433.1	-0.3	3.4	-0.9	0.4	0.6	10416667	-1.2	
28	247.877	1432.8	-0.8	2.9	-0.9	-1.3	0.4	8760460	-1.6	
28	247.577	1432.9	-0.8	3.7	-0.8	-1.8	0.1	7613637	-1.7	
28	247.277	1433.1	-0.8	4	0.1	-1.1	-0.5	6732315	-1.7	
28	246.977	1433.7	-0.7	4.6	1	-1	-0.9	6068841	-1.8	
28	246.677	1434.1	-0.3	3.5	2	-1	-1.4	5568484	-2.2	
28	246.377	1434.3	-0.5	2.9	2.4	-1.1	-1.7	5221322	-2.3	
28	246.077	1434.2	-1.1	2.6	2.7	-1.3	-2	4985119	-2.4	
28	245.777	1433.5	-2.8	1.2	2.6	-2.3	-2.2	4824309	-1.5	
28	245.477	1433.2	-1.7	1.4	2.4	-1	-1.9	4726298	-1.4	
28	245.177	1433	-1.9	0.5	1.7	-1.4	-1.5	4684005	-1.4	
28	244.877	1432.8	-2.5	0.2	0.9	-2.1	-1.1	4694507	-1.3	
28	244.577	1432.8	-2.9	-0.9	0.3	-1.8	-0.6	4758523	-0.9	
28	244.277	1433	-3.1	-1.6	-0.1	-1	0.1	4857889	0.1	
28	243.977	1433.3	-3.1	-2.3	-0.6	-0.4	1	4985119	0.6	
28	243.677	1433.6	-3.8	-2.8	-0.9	-0.3	1.7	5144349	1.3	
28	243.377	1433.1	-3.7	-3.4	-1.1	0.3	1.9	5368590	1.4	
28	243.077	1432.7	-3.4	-3.5	-1.1	0	1.8	5705041	1.4	
28	242.777	1432.7	-2.9	-3.6	-0.8	0.2	1.7	6176254	0.7	
28	242.477	1432.9	-2.6	-3	-0.6	-0.7	1.6	6732315	-0.2	
28	242.177	1432.5	-3.2	-3.6	-0.2	-1.2	1	7320804	-0.6	
28	241.877	1431.9	-3.6	-4.2	-0.2	-1.9	0.4	7900944	-0.7	
28	241.577	1431.6	-3.7	-4	0	-2.1	-0.2	8442541	-1.1	
28	241.277	1431.3	-3.3	-3.4	-0.5	-2.7	-0.5	8947650	-1.6	
28	240.977	1431	-2.4	-2.7	-0.5	-2.4	-0.8	9223568	-2	
28	240.677	1430.8	-2.4	-2	-1.3	-2.6	-0.4	9223568	-2.1	
28	240.377	1430.7	-3	-3.1	-1.9	-3.2	-0.3	9143013	-1.3	
28	240.077	1430.9	-1.7	-1.5	-2.6	-2.1	0.1	9103261	-1.3	
28	239.777	1430.7	-2.2	-1.5	-2.9	-1.4	0.3	9183114	-0.6	
28	239.477	1430.3	-1.6	-1.2	-3.4	-0.7	0.5	9389014	-0.6	
28	239.177	1430.3	-2.3	-2.3	-3.7	-0.1	0.8	9738372	0.8	
28	238.877	1430.9	-0.7	-0.6	-3.4	1.6	1.3	10017943	0.9	
28	238.577	1431.4	-0.2	-0.2	-3.1	0.8	1.7	10263481	0.2	
28	238.277	1432.2	-0.4	1.2	-2.4	0.3	1.9	10263481	-0.3	
28	237.977	1433.1	0.7	1.7	-1.8	0.9	2	10114734	-0.9	
28	237.677	1433.8	0.8	1.3	-1.2	0	2	9829812	-1.2	
28	237.377	1434.2	0.5	0	-0.8	0	2	9223568	-1.2	
28	237.077	1434.5	0.6	0.8	-0.2	-0.2	1.9	8341634	-1.3	
28	236.777	1434.7	0.9	1.1	-0.1	0.2	1.7	7424646	-1.6	
28	236.477	1434.7	0.5	0.5	0	-1.8	1.2	6584120	-2	
28	236.177	1434.5	0.7	1	0.1	-1.9	0.7	5848464	-1.9	
28	235.877	1434.6	0.4	0.9	0.4	-1.6	0.4	5221322	-1.7	
28	235.577	1435	0.8	1.1	0.9	-2	0.1	4684005	-1.8	
28	235.277	1435.2	0.8	1.6	1.2	-1.7	-0.2	4290472	-1.5	
28	234.977	1435.3	0.9	1.7	1.4	-1.3	-0.4	3995706	-1.3	
28	234.677	1435.4	0.6	1.4	1.6	-1.6	-0.5	3758977	-0.8	
28	234.377	1435.9	0.5	1.2	1.5	-1.8	-0.2	3579060	-0.7	
28	234.077	1436.1	1.2	1.5	1.4	-0.9	0.1	3455033	-0.6	
28	233.777	1436	1.6	2.1	1.2	-0.9	0.4	3398945	-0.7	
28	233.477	1435.5	1.1	2.2	0.6	-1.2	0.5	3393436	-0.5	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
28	233.177	1435	1.2	4	0	-1.2	0.5	3410017	-0.4	
28	232.877	1434.5	1.3	3	-0.4	-1	0.4		0	
28	232.577	1434.3	1.3	3.2	-0.5	-0.9	0.5		0.2	
28	232.277	1434.1	2.2	4.7	-0.5	0	0.6		0.2	
28	231.977	1434.4	2.2	5.1	-0.2	-0.1	0.7		0.1	
28	231.677	1434.5	2.6	5.7	0.1	-0.3	0.6		-0.2	
28	231.377	1434.4	2.9	6	0.3	-0.6	0.5		-0.4	
28	231.077	1434.3	3.2	7	0.6	-0.3	0.4		-0.6	
28	230.777	1434.1	3.3	7	0.8	0.4	0.4		-0.7	
28	230.477	1433.8	3.7	7.1	0.8	0.5	0.3		-0.9	
28	230.177	1433.2	3.9	6.8	0.4	-0.2	0.1		-1.1	
28	229.877	1432.6	4.2	6.8	-0.2	-0.4	0		-1.4	
28	229.577	1431.9	4.4	7.6	-1	-0.6	-0.2		-1.6	
28	229.277	1431.4	4.3	7.9	-1.9	-1.1	-0.1		-1.7	
28	228.977	1431.1	4.6	8.3	-2.4	-1	0.1		-1.8	
28	228.677	1431	4.7	8	-2.7	-1.5	0.3		-2.1	
28	228.377	1430.8	3.2	5.6	-3.2	-1.7	0.7		-0.8	
28	228.077	1430.9	3.3	5.7	-3.4	-1	0.9		-0.2	
28	227.777	1431.1	4.7	7.7	-3	-0.8	1		-1.3	
28	227.477	1431.4	4.2	5.9	-2.8	-0.6	1.5		-0.8	
28	227.177	1431.8	4.6	6.8	-2.3	-0.7	1.9		-1.1	
28	226.877	1432.2	4.8	6.4	-1.7	-0.3	2.2		-1.4	
28	226.577	1432.3	4.8	7.1	-1.3	-0.4	2.2		-1.5	
28	226.277	1432.6	4.9	5.6	-0.8	0.1	2.3		-1.5	
28	225.977	1432.6	4.8	5	-0.5	1.1	2.3		-1.4	
28	225.677	1433.1	4.4	4.8	-0.1	1.1	2.4		-1.3	
28	225.377	1432.9	4.5	3.8			2.2		-1.1	
28	225.077	1432.8	3.8	3			2.1		-0.7	
28	224.777	1432.5	3.9	3.4			2.2		-0.5	
28	224.477	1432	3.2	2.6			2.2		-0.1	
28	224.177	1431.7	2.9	2			2.2		0.2	
28	223.877	1431.1	2	1.5			2		0.9	
28	223.577	1430.8	1.4	0.7			1.8		1.4	
28	223.277	1430.8	0.8	0.4			1.6		1.8	

Perfil	STE Metro CDMX
Lugar Inicial	28km 269.279m
PK Final	26km 193.879m
Sentido De Avance	Decremento
Referencias Trabajo	VIA 2
ID Ruta/Liena	mixcoac-zapata
ID Vía	Vía Principal
Hora Inicial	17:13:47 02-dic.-21
Hora Final	17:40:43 02-dic.-21
Versión Software	TOP01S020r0010(74)
Unid. Desplazamiento	Milímetros
Unidad Longitud	Milímetros
Unidad de ángulo	Grados
ID Perfil	L12
Signo del Peralte	Sentido horario
Intervalo adquisición	300.0mm (300.0mm)
Nivel. I superpuesto 1	12600.0mm
Nivel. I superpuesto 2	19000.0mm
Base Radio Derecho	20.0m (20.1m)
Base Radio Curv.Prom D	20.0m
Base Áng.Curv. Prom. D	20.0m
Áng.Curv.Cuerda Der	20.0m
Nivel. D superpuesto 1	20.0m
Nivel. D superpuesto 2	20.0m
Temp. Sistema Inicial	21.7°C
Temp. Sistema final	20.9°C
Ancho Referencia	1435.0mm
Ancho Refcia. Peralte	1500.0mm
Long. Cuerda Delantera	2500.0mm (2400.0mm)
Long. cuerda trasera	2500.0mm (2400.0mm)
Temperatura Nivelación	20.7°C

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
28	269.579	1432.1	3.1				-0.9		-7.5	
28	269.279	1432	2.6				-0.8		-7.4	
28	268.979	1432.2	2.5				-0.6		-7.3	
28	268.679	1432.2	2.2				-0.6		-7	
28	268.379	1432	2				-0.4		-6	
28	268.079	1432.4	1.6				0.2		-4.9	
28	267.779	1432.6	1.8				0.7		-3.8	
28	267.479	1432.9	0.9				1.1		-2.7	
28	267.179	1433.2	1		0	-3.9	1.4		-1.6	
28	266.879	1433.2	0.6		0.1	-3.3	1.4		-0.7	
28	266.579	1433.2	1.5		-0.2	-2	1.5		0.2	
28	266.279	1433	1.7		-0.4	-1.1	1.4		0.8	
28	265.979	1432.7	1.2		-0.6	-0.7	1.3		1.3	
28	265.679	1432.4	2.1		-1	0.5	1.1		1.2	
28	265.379	1432.1	3		-1.5	1	0.9		1	
28	265.079	1431.9	3.1		-1.7	1.6	0.7		0.9	
28	264.779	1431.6	3.5		-2	1.6	0.4		0.8	
28	264.479	1431.5	3.8		-2.1	2.7	0.3		0.7	
28	264.179	1431.7	4.9		-2	2.3	0.4		0.1	
28	263.879	1431.8	5		-1.8	1.2	0.3		-0.7	
28	263.579	1432	4.3		-1.8	0.5	0.2		-1.2	
28	263.279	1432.3	4		-1.6	-0.8	0.1		-1.7	
28	262.979	1432.7	4.3		-1.4	-1.3	0		-2.4	
28	262.679	1432.9	3.9		-1.5	-2.8	-0.2		-2.9	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
28	262.379	1433.1	4.4		-2	-2.7	-0.2		-3.2	
28	262.079	1433.4	3.1		-2	-4.4	-0.1		-3.4	
28	261.779	1433.5	3.9		-1.7	-4.3	-0.3		-3.7	
28	261.479	1433.7	4.5		-1.5	-4	-0.5		-3.9	
28	261.179	1434.4	4		-1.3	-3.7	-0.5		-4.1	
28	260.879	1435.2	4.2		-1	-3.4	-0.4		-4.3	
28	260.579	1436.1	3.4		-1.3	-4.6	-0.2		-4.5	
28	260.279	1437.3	4.6		0.1	-3.4	-0.1		-4.9	
28	259.979	1439.1	4.4		1.8	-4	0.4		-5.2	
28	259.679	1439.5	4.4		3	-4.7	0	10163835	-6.1	
28	259.379	1439.3	4.2		3.4	-4.5	-0.1	9693287	-6	
28	259.079	1439.6	4.3		3.7	-4.1	0.1	9648618	-6.1	
28	258.779	1440.4	2.9		4.2	-5.2	0.2	10017943	-5.6	inicio cambio de via
28	258.479	1441	2.6		4.5	-5.3	0.2	10574495	-5.1	
28	258.179	1442.5	2.8		5.6	-4.6	0.3	11256721	-4.8	
28	257.879	1441.7	2.3		4.2	-4.7	0.4	12389053	-4.1	
28	257.579	1440.7	2.1		2.4	-4.8	0.4	14146960	-3.9	
28	257.279	1439.7	2.9		1.2	-3.3	0.5	16486221	-3.2	
28	256.979	1438.6	1.5	-1.6	0.2	-3.8	0.7	19567757	-2.6	
28	256.679	1437.9	0.2	-2.4	-0.4	-4.1	0.8		-2	
28	256.379	1437.6	1.1	-1.4	-1.2	-2.5	0.8		-1.6	
28	256.079	1437.4	1.4	-0.8	-1.6	-1.6	0.7		-1.1	
28	255.779	1437	1.7	-0.3	-2.4	-0.7	0.4		-0.5	
28	255.479	1436.8	1.2	-0.4	-1.6	0	0.1		0	
28	255.179	1436.6	1.7	-0.1	-1.1	0.8	-0.1		0.3	
28	254.879	1436.5	1.6	0.7	-0.8	0.7	-0.1	17594538	0.6	
28	254.579	1436	1.2	0.2	-0.7	1.7	-0.3	15395221	0.8	
28	254.279	1435.4	0.3	-0.3	-0.8	1	-0.7	13865894	0.9	
28	253.979	1435.6	1.1	-0.4	-0.7	2.2	-0.8	12845092	0.9	
28	253.679	1435.6	1.2	-0.5	-0.9	2.3	-0.7	12102601	0.9	
28	253.379	1435.5	1	-0.2	-1	2.1	-0.5	11504121	0.9	
28	253.079	1434.9	0.1	-2	-1.4	1.6	-0.4	11136968	1	
28	252.779	1434.8	0.2	-2.8	-1.5	1.7	-0.2	10904948	1	
28	252.479	1435	0.1	-3	-1.7	1.4	0.3	10737180	0.9	
28	252.179	1435.3	-0.9	-4.4	-1.2	-0.1	0.5	10682398	0.8	
28	251.879	1435.8	0.3	-3.5	-1.3	0.7	1	10962042	0.4	
28	251.579	1436.5	-1.4	-6.3	-1.4	-2.2	1.7	11504121	-0.2	
28	251.279	1437	-1.8	-6.8	-1.2	-3.3	2	12244152	-0.7	
28	250.979	1437	-2.1	-6.4	-0.9	-4.2	1.8	13335987	-1.2	
28	250.679	1436.6	-2.1	-6.1	-0.8	-4.4	1.5	14955357	-1.9	
28	250.379	1436.5	-2.7	-7	-0.5	-5.5	1.2	17303719	-2.4	
28	250.079	1436.4	-2.3	-6.2	-0.1	-5.8	0.8		-2.9	
28	249.779	1436.1	-1.3	-5.7	0.1	-4.7	0.1		-3.3	
28	249.479	1436.8	-0.3	-3.4	0.5	-3.6	0.1		-3.5	
28	249.179	1436.9	0.1	-3.8	0.9	-3.6	-0.7		-3.5	
28	248.879	1436.8	0.3	-4.2	1	-2.2	-1.4		-2.8	
28	248.579	1436.8	0.7	-3.3	1.2	-1.4	-1.7		-2.5	
28	248.279	1436.9	0.6	-3.6	1.3	-0.7	-1.6		-1.9	
28	247.979	1436.7	0.6	-2.8	1	-0.1	-1.5		-1.6	
28	247.679	1436.5	1.1	-3.5	0.7	0.9	-1.4		-1.2	
28	247.379	1436.4	1.2	-3.2	0.3	0.9	-1		-1	
28	247.079	1436.6	-0.7	-5.1	-0.3	-1.5	-0.6		-0.9	
28	246.779	1436.9	1.8	-2.4	-0.5	0.8	0		-1	
28	246.479	1437.3	1.3	-3	-0.7	0.3	0.7		-1.1	
28	246.179	1437.7	1.3	-1.6	-0.7	0.1	1.2		-1.1	
28	245.879	1437.8	1	-1.6	-0.8	0.1	1.5	-1.9E+07	-1.1	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
28	245.579	1437.8	0.9	-1.9	0.2	0.7	1.8	-1.5E+07	-1.2	
28	245.279	1438.1	0.4	-1.9	0.5	-0.4	2.1	-1.3E+07	-1.4	
28	244.979	1438.2	-0.2	-2.3	0.7	-1.6	2.2	-1.2E+07	-1.6	
28	244.679	1438.2	0.1	-2.8	0.7	-0.2	2.1	-1.1E+07	-1.9	
28	244.379	1437.9	-0.2	-1.7	-1.1	-2.6	1.8	-1E+07	-2.3	
28	244.079	1437.8	-0.6	-0.8	-8.6	-3.9	1.6	-9783879	-2.8	
28	243.779	1437.7	-0.5	-1.6	0	-2.7	1.3	-9517046	-3.5	
28	243.479	1437.4	-1	-2.4	1.2	-2.1	1.1	-9305556	-3.8	
28	243.179	1435	-2.5	-4.2	-1.2	-5.6	0.7	-9143013	-4.3	
28	242.879	1434.5	-2.3	-3.5	-1.6	-6.4	0.4	-9024785	-4.7	
28	242.579	1434.2	-1.6	-3.3	-1.6	-5.9	0.1	-8947650	-5.1	
28	242.279	1434.2	-2.4	-4	-1.6	-7.2	-0.1	-8871822	-5.3	
28	241.979	1437.4	-1.7	-2.9	2.1	-6.7	-0.6	-8871822	-5.4	
28	241.679	1452.2	-0.3	-0.6	17.4	-5	-1.2	-8871822	-5.5	
28	241.379	1434.9	-4	-5.1	0.3	-8.5	-1.6	-8834388	-5.4	
28	241.079	1432.3	-6.4	-7.6	-1.9	-10.8	-1.9	-8909575	-5.3	
28	240.779	1433	-3.3	-4.3	-0.1	-6.2	-2.1	-9264381	-4.8	
28	240.479	1433.2	-1.5	-1.6	0	-4	-2.1	-1E+07	-4.3	
28	240.179	1433.2	-1.3	-1.5	0	-3.8	-2.2	-1.1E+07	-4	
28	239.879	1433.5	-1	-1.1	0	-2.6	-2.1	-1.3E+07	-3.6	
28	239.579	1434	-0.6	0.3	-1.5	-2.2	-1.8	-1.6E+07	-3.2	
28	239.279	1434.3	-1	-1.3	-9.1	-2.9	-1.2		-2.8	
28	238.979	1434.9	-1.2	0.2	-0.7	-0.7	-0.4		-2.5	
28	238.679	1435	-0.8	1	0.7	1.3	-0.3		-2.1	
28	238.379	1435.5	-1.3	0.8	0.9	-0.4	-0.3		-1.7	
28	238.079	1436.2	-1.2	0.9	1.7	-1	-0.4		-1.3	
28	237.779	1436.7	-1.4	1.3	2.5	-1.1	-0.5		-0.8	
28	237.479	1437	-1.6	0.7	3.1	-1.3	-0.6		-0.6	
28	237.179	1437.1	-1.6	-0.3	3.5	-1.5	-0.9		-0.4	
28	236.879	1437	-1.6	-1.3	4	-1.3	-1.4		-0.2	
28	236.579	1437	-2	-2.1	4.4	-1.7	-1.8		0.2	
28	236.279	1436.8	-1.9	-2.2	4.6	-1.7	-2.1		0.4	
28	235.979	1436.8	-1.9	-2.6	4.6	-1.2	-2.1		0.7	
28	235.679	1436.6	-1.4	-2	4	-0.9	-2		0.6	
28	235.379	1436.2	-0.8	-1.4	3.2	-0.7	-1.9		0.5	
28	235.079	1435.6	-0.8	-1.9	2.6	-0.8	-1.9		0.5	
28	234.779	1435	-0.4	-1.6	2	-0.3	-1.8		0.4	
28	234.479	1434.5	0	0.7	1.4	-0.2	-1.7		0.2	
28	234.179	1434	1	-0.8	0.6	0.4	-1.5		-0.3	
28	233.879	1433.5	1.1	-0.2	0	0.3	-1.4		-0.6	
28	233.579	1433.1	1.4	0.1	-0.9	0.3	-1.2		-1	
28	233.279	1433.1	1.5	0.5	-1.3	0.1	-0.9	-1.8E+07	-1.3	
28	232.979	1433	2.2	1.3	-1.6	0	-0.7	-1.5E+07	-1.8	
28	232.679	1432.7	2.6	2.2	-2.3	0.1	-0.4	-1.3E+07	-2.1	
28	232.379	1432.6	2.3	2.5	-2.6	-0.7	0.1	-1.2E+07	-2.4	
28	232.079	1432.7	2.5	2.4	-2.5	-0.7	0.5	-1.2E+07	-2.6	
28	231.779	1432.9	2.7	2.9	-2.5	-1.2	1	-1.2E+07	-2.8	
28	231.479	1433.1	2.2	2.8	-2.4	-2	1.6	-1.3E+07	-2.8	
28	231.179	1433.5	2	2.5	-2	-2.3	2.2	-1.6E+07	-2.8	
28	230.879	1434	1.6	2.6	-1.7	-2.8	2.7		-2.8	
28	230.579	1434.5	1.6	4.1	-1.7	-3	3.2		-2.7	
28	230.279	1435.1	1.6	3.9	-1.4	-3.3	3.5		-2.7	
28	229.979	1435.1	1.6	3.2	-1.6	-3.1	3.5		-2.6	
28	229.679	1434.9	1.1	3.5	-1.7	-3.8	3.2		-2.5	
28	229.379	1434.7	1.3	3	-1.6	-3.2	2.8		-2.3	
28	229.079	1434.2	1.8	2.1	-1.8	-2.6	2.3	18049569	-2.2	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
28	228.779	1433.6	1.6	5.6	-1.8	-2.4	1.7	17743644	-2.2	
28	228.479	1433	1.7	8.1	-1.8	-2.4	1.1	18049569	-2.2	
28	228.179	1433	1.6	4.9	-1.4	-2.1	0.6	18366228	-2.2	
28	227.879	1433.3	1.9	3.4	-0.8	-1.7	0.2	18206522	-2.2	
28	227.579	1433.8	1.9	3.2	-0.4	-1.8	0.3	17743644	-2.2	
28	227.279	1434	2.3	3.3	-0.3	-1.4	0.4	16750000	-2.4	
28	226.979	1434.1	1.8	2.4	-0.5	-2	0.7	15172102	-2.4	
28	226.679	1434.2	2.2	3.2	-0.8	-1.9	1	13251582	-2.5	
28	226.379	1433.9	1.6	2.8	-0.9	-2.5	1	11256721	-2.5	
28	226.079	1433.4	2.1	2.9	-0.9	-2.3	0.9	9431306	-2.7	
28	225.779	1433.2	1.5	2.8	-1	-2.8	0.9	7991412	-2.6	
28	225.479	1432.8	1.2	2.4	-1.2	-2.7	0.8	6910066	-2.6	
28	225.179	1432.7	1.4	2.8	-1.2	-2.5	0.5	6086483	-2.8	
28	224.879	1432.9	1.6	3.2	-0.5	-2.8	0	5438312	-3.1	
28	224.579	1433.2	1.5	3.1	0.3	-2.6	-0.5	4949764	-3.2	
28	224.279	1433.8	1.4	3	1.3	-2.7	-0.9	4571507	-3.2	
28	223.979	1434	1.7	3.7	2	-2	-1.4	4299282	-3.4	
28	223.679	1433.9	1.7	3.6	2.4	-1.9	-1.8	4105393	-3.5	
28	223.379	1433.6	1.7	3.6	2.2	-1.6	-1.9	3972961	-3.5	
28	223.079	1433.1	0.7	2.1	2.1	-2.1	-1.8	3898976	-3.1	
28	222.779	1433	0.3	1.1	1.9	-2.3	-1.5	3863008	-2.7	
28	222.479	1432.7	0.3	1.1	1.1	-2.4	-1.2	3855894	-2.3	
28	222.179	1432.6	0	0.4	0.5	-2.2	-0.7	3884509	-2	
28	221.879	1432.6	-0.4	-0.4	-0.1	-2.2	-0.2	3935621	-1.4	
28	221.579	1433	-1	-2	-0.5	-2.2	0.7	4003346	-0.8	
28	221.279	1433.2	-1.9	-3	-0.7	-2	1.4	4081384	0.1	
28	220.979	1433.3	-1.9	-3.3	-0.9	-1.7	2	4195892	0.6	
28	220.679	1432.7	-1.7	-3.2	-1.2	-1	2	4361980	0.7	
28	220.379	1432.6	-1.5	-3.7	-1.2	-0.9	2	4601649	0.4	
28	220.079	1432.7	-0.7	-3.3	-0.8	-1	1.9	4903396	-0.4	
28	219.779	1432.5	-1	-3.3	-0.6	-1.8	1.5	5247494	-0.8	
28	219.479	1432.1	-0.6	-3.1	-0.4	-1.7	1	5568484	-1.3	
28	219.179	1431.6	-0.9	-3.6	-0.5	-2.3	0.5	5897888	-1.9	
28	218.879	1431.1	-1.2	-3.4	-0.5	-2.9	-0.2	6212908	-2.3	
28	218.579	1430.8	-0.9	-2.9	-0.8	-3	-0.5	6462192	-2.6	
28	218.279	1430.8	-0.7	-2.3	-0.9	-3.4	-0.5	6625791	-2.6	
28	217.979	1430.5	-0.6	-2.2	-1.8	-3.4	-0.3	6710737	-2.4	
28	217.679	1430.5	-0.4	-2	-2.3	-3.4	-0.2	6732315	-2.1	
28	217.379	1430.6	0.1	-1.5	-2.7	-2.4	0.1	6797890	-1.9	
28	217.079	1430.4	0.1	-1	-3.2	-2.6	0.4	6932947	-1.7	
28	216.779	1430.1	-0.1	-1.4	-3.6	-2.3	0.6	7145905	-1.3	
28	216.479	1430.4	0.8	-1	-3.4	-0.8	1	7424646	-0.9	
28	216.179	1430.9	0.9	-0.7	-3.2	-1.1	1.5	7669414	-1	
28	215.879	1431.7	2	0.3	-2.8	-0.1	1.9	7812500	-1.3	
28	215.579	1432.6	2.3	0.7	-2.1	-0.3	2.1	7871241	-1.8	
28	215.279	1433.3	2.6	0.7	-1.6	-0.6	2.2	7841760	-2.1	
28	214.979	1433.9	2.3	0.4	-1.1	-1.2	2.2	7613637	-2.1	
28	214.679	1434.3	2.6	0.3	-0.5	-0.7	2	7170377	-2.2	
28	214.379	1434.5	2.8	1	-0.1	-0.8	1.8	6584120	-2.4	
28	214.079	1434.5	2.7	0.5	0	-2	1.4	5982143	-2.7	
28	213.779	1434.3	2.9	1.3	0	-1.9	0.9	5410207	-2.8	
28	213.479	1434.3	2.4	0.3	0.3	-2.6	0.5	4869186	-2.7	
28	213.179	1434.6	2.3	0.8	0.7	-2.5	0.1	4407895	-2.4	
28	212.879	1434.8	2.6	1.4	1.2	-2.6	-0.2	4041989	-2.2	
28	212.579	1435	2.8	1.4	1.3	-2.2	-0.3	3765738	-1.9	
28	212.279	1435.1	2.1	0.5	1.3	-2.7	-0.3	3548729	-1.6	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
28	211.979	1435.5	2.6	1.1	1.5	-2	-0.2	3382472	-1.4	
28	211.679	1435.8	3.2	1.8	1.3	-1.5	0.1	3256221	-1.3	
28	211.379	1435.9	3.1	1.4	1	-1.9	0.6	3186835	-1.1	
28	211.079	1435.3	2.6	0.9	0.3	-1.8	0.8	3157994	-0.8	
28	210.779	1435	2.5	0.8	0	-1.8	0.8	3167550	-0.7	
28	210.479	1434.4	3.3	2.6	-0.5	-1.3	0.7	3181991	-0.6	
28	210.179	1434.1	3.8	3.5	-0.7	-1	0.7	3206356	-0.6	
28	209.879	1433.8	3.8	3.5	-0.7	-0.5	0.7	3251165	-0.6	
28	209.579	1434	3.6	3.6	-0.5	-1	0.9	3323413	-0.6	
28	209.279	1434.3	4.1	4.5	0	-1.1	0.7	3393436	-0.8	
28	208.979	1434.2	4.9	5.9	0.3	-0.8	0.5	3455033	-0.9	
28	208.679	1434.1	4.8	6.7	0.8	-0.6	0.4	3489584	-1	
28	208.379	1433.9	5	6.9	0.8	-0.3	0.3	3513004	-1	
28	208.079	1433.5	5.4	7.1	0.8	-0.5	0.2	3542725	-1.2	
28	207.779	1433.1	5.6	7.1	0.6	-0.9	0.1	3597509	-1.3	
28	207.479	1432.5	5.4	6.1	0	-1.2	0	3666813	-1.4	
28	207.179	1431.7	5.5	6.5	-0.9	-1.1	-0.2	3758977	-1.5	
28	206.879	1431.3	5.6	6.2	-1.5	-1.3	-0.2	3877315	-1.6	
28	206.579	1430.9	6.4	7.3	-2.1	-1.2	-0.1	4026443	-2	
28	206.279	1430.6	6.2	7.4	-2.6	-1.7	0.1	4246958	-2.2	
28	205.979	1430.6	6.1	7	-3	-2	0.4	4571507	-2.3	
28	205.679	1430.6	6.2	6.9	-3.3	-1.8	0.7	5008972	-2.2	
28	205.379	1430.8	6.5	7.1	-3.1	-1.8	0.9	5553714	-2.3	
28	205.079	1431.2	6.6	7	-2.8	-1.5	1.3	6158088	-2.3	
28	204.779	1431.5	6.6	6.5	-2.2	-1.4	1.7	6775890	-2.3	
28	204.479	1431.7	6.5	6.4	-2	-1	2.1	7372359	-2.3	
28	204.179	1432.1	6.4	6.5	-1.4	-1.3	2.3	7871241	-2.2	
28	203.879	1432.2	6.6	5.8	-0.9	-0.7	2.3	8083977	-2.3	
28	203.579	1432.5	6.6	5.7	-0.6	-0.3	2.5	7900944	-2.2	
28	203.279	1432.9	6.2	4.2	-0.2	-0.5	2.6	7477679	-2.2	
28	202.979	1433	6.5	4.2	-0.2	0.1	2.5	6932947	-2.2	
28	202.679	1432.8	6.2	3.6	-0.4	0	2.3	6422546	-1.9	
28	202.379	1432.4	6	3.7	-0.7	0.3	2.2	5999284	-1.7	
28	202.079	1431.9	4.9	2.3	-1	-0.3	2.2	5674120	-1.2	
28	201.779	1431.5	4.6	1.8	-1.5	-0.2	2.2	5410207	-0.8	
28	201.479	1431	3.9	1.2	-2	-0.4	2.1	5234375	-0.1	
28	201.179	1430.6	3.3	0.4	-2.5	-0.5	2	5169753	0.4	
28	200.879	1430.4	2.8	0.4	-2.9	-0.3	1.8	5169753	0.9	
28	200.579	1430.6	1.9	-0.4	-3	-1.2	1.7	5182550	1.4	
28	200.279	1430.7	2	-0.6	-2.8	-0.6	1.5	5182550	1.8	
28	199.979	1430.4	1.3	-1.5	-2.5	-1.6	1	5182550	2	
28	199.679	1429.7	1.6	-0.5	-2	-0.7	0.1	5157020	1.9	
28	199.379	1429.6	1.6	-1	-1.4	-0.8	-0.3	5157020	1.7	
28	199.079	1429.7	1.8	-1.4	-0.7	-0.6	-0.6	5144349	1.4	
28	198.779	1429.7	1.8	-1.3	-0.2	-0.7	-0.8	5131741	1.2	
28	198.479	1430.2	1.8	-0.8	0.5	-1	-0.9	5119193	0.7	
28	198.179	1430.7	2.6	0.1	0.9	-0.3	-1	5106708	0.2	
28	197.879	1431.2	2.6	-0.7	1.4	-1	-1.2	5094283	-0.4	
28	197.579	1431.4	3.8	0	1.5	0.3	-1.3	5094283	-0.8	
28	197.279	1431.3	3.4	-0.4	1.5	-0.3	-1.3	5081918	-1.1	
28	196.979	1431.1	3.7	0.1	1.1	-0.5	-1.3	5045181	-1.7	
28	196.679	1431	3.8	-0.3	0.9	-0.7	-1.4	4973278	-2.1	
28	196.379	1430.8	4.1	-0.8	0.7	-1	-1.7	4903396	-2.4	
28	196.079	1430.8	4.2	-0.6	0.5	-1.1	-2	4857889	-2.5	
28	195.779	1431	4.4	-0.6	0.6	-1.2	-2.1	4846644	-2.5	
28	195.479	1431.3	4.5	-0.9	0.5	-1	-2	4880536	-2.5	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
28	195.179	1432	4.1	-1.5	0.8	-2	-1.5	4938090	-2.4	
28	194.879	1432.6	3.7	-1.7	0.9	-1.8	-0.9	5094283	-2	
28	194.579	1432.9	3.3	-2.2	1	-2.1	-0.5	5368590	-1.6	
28	194.279	1433.4	3.1	-2.5	1	-1.6	0	5815972	-1.4	
28	193.979	1433.9	3.6	-2.8	0.8	-1.8	0.7	6462192	-1.2	
28	193.679	1434.4	3.9	-2.3	0.5	-1.1	1.5	7320804	-1.1	
28	193.379	1434.4	3.7	-2.4	0	-1.5	2	8580943	-0.7	
28	193.079	1434.3	3.4	-2.8	-0.6	-1.6	2.3	10365099	-0.6	
28	192.779	1434.1	3.7	-2.8	-1.1	-1	2.2	12924383	-0.4	
28	192.479	1433.9	3.7	-2.9	-1.3	-0.9	2	16486221	-0.3	
28	192.179	1433.6	4	-2.6	-1.6	0.1	1.7		0.3	
28	191.879	1433.8	2.9	-3.6	-1.6	-1	1.6		0.4	
28	191.579	1433.9	4.3	-2.1	-1.5	0.6	1.4		0.5	
28	191.279	1434.1	3.6	-3	-1.1	-0.8	1.1		0.7	
28	190.979	1433.9	4.6	-2	-0.9	0.3	0.8		0.7	
28	190.679	1433.9	4.4	-1.8	-0.6	0.3	0.7		0.7	
28	190.379	1434	4.6	-1.9	-0.1	0.4	0.7		0.5	
28	190.079	1433.8	4.9	-1.3	-0.1	0.4	0.7		0.4	
28	189.779	1434.1	5.1	-0.9	0.1	0	0.9		0.2	
28	189.479	1434.1	5.6	0.7	0	0.7	0.9		0	
28	189.179	1434.1	4.9	0.3	0	-0.6	0.8		0	
28	188.879	1433.9	6.2	2.3	-0.3	1	0.6		-0.1	
28	188.579	1433.6	6.3	3	-0.4	0.2	0.5		-0.2	
28	188.279	1433.2	6.3	3.5	-0.6	0.2	0.4		-0.3	
28	187.979	1432.8	5.8	3.9	-0.9	-0.4	0.3	19034091	-0.3	
28	187.679	1432.5	6.2	4.2	-0.8	0	0.1	18366228	-0.4	
28	187.379	1432.5	6.6	5.3	-0.6	0.2	0.1	18206522	-0.5	
28	187.079	1432.5	6.9	5.3	-0.4	0.1	0.1	18694197	-0.6	
28	186.779	1432.8	6.7	5.1	-0.2	0.2	0.4	19752359	-0.8	
28	186.479	1433.1	6.7	4.9	0.2	-0.9	0.5		-1.1	
28	186.179	1433.1	7.3	5.5	0.2	-0.4	0.5		-1.4	
28	185.879	1433	7.2	5.4	0.3	-1.1	0.5		-1.7	
28	185.579	1432.8	7.1	4.5	0.2	-1	0.4		-2	
28	185.279	1432.5	6.8	4.2	0	-1.5	0.4	19034091	-2.2	
28	184.979	1432	6.7	2.9	-0.3	-2.1	0	18049569	-2.4	
28	184.679	1431.5	6.8	3.4	-0.4	-2.3	-0.4	17594538	-2.4	
28	184.379	1431.1	6.5	2.8	-0.6	-2.4	-0.9	17447917	-2.5	
28	184.079	1430.9	6.9	3.1	-0.6	-2	-1.3	17743644	-2.6	
28	183.779	1431.1	6.4	2.3	-0.2	-2.7	-1.5	19034091	-2.6	
28	183.479	1431.2	7	2.8	0	-1.9	-1.7		-2.6	
28	183.179	1431.5	6.4	2	0.3	-2.5	-1.6		-2.2	
28	182.879	1431.7	6	1.5	0.3	-2	-1.5		-1.7	
28	182.579	1432.1	6.2	2.1	0.5	-1.1	-1.2		-1.1	
28	182.279	1432.2	6.6	2.9	0.3	-0.3	-0.9		-0.8	
28	181.979	1432.3	6.2	2.9	0.1	-0.1	-0.4		-0.1	
28	181.679	1432.5	5.8	2.7	-0.1	-0.2	0.1		0.4	
28	181.379	1432.6	5.7	2.1	-0.7	0.8	0.7		0.9	
28	181.079	1432.8	5.5	1.6	-0.8	0.2	1	-1.9E+07	0.9	
28	180.779	1432.9	6.4	2.7	-1.2	1.7	1.2	-1.7E+07	0.7	
28	180.479	1433.2	5.9	2.5	-1.2	0.7	1.5	-1.5E+07	0.7	
28	180.179	1433.6	5.7	2	-1.2	0.2	1.7	-1.4E+07	0.4	
28	179.879	1434	5.5	1.8	-1	-0.4	1.8	-1.4E+07	0.2	
28	179.579	1434.2	6	2	-0.8	-0.3	1.7	-1.3E+07	-0.2	
28	179.279	1434.2	5.9	3	-0.6	-0.8	1.4	-1.2E+07	-0.5	
28	178.979	1434.1	5.2	0.9	-0.3	-1.5	1	-1.2E+07	-0.6	
28	178.679	1434.1	5.5	1.9	-0.2	-0.9	0.7	-1.1E+07	-0.4	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
28	178.379	1434.4	4.4	-0.2	0.6	-2.8	0.3	-1.1E+07	-0.5	
28	178.079	1434.2	5.8	1.4	0.6	-0.9	-0.3	-1.1E+07	-0.5	
28	177.779	1434.1	5.5	0.9	0.8	-1.4	-0.8	-1E+07	-0.4	
28	177.479	1434.2	5.6	0.7	1	-0.7	-1.2	-1E+07	-0.3	
28	177.179	1434.2	6.1	1	1.2	-0.7	-1.6	-1.1E+07	-0.3	
28	176.879	1434.2	6.6	1	1.5	-0.3	-1.9	-1.1E+07	-0.5	
28	176.579	1434.3	6.6	1.7	1.7	-0.2	-2	-1.1E+07	-0.6	
28	176.279	1434.3	6.6	0.4	1.7	-0.5	-2.1	-1E+07	-0.9	
28	175.979	1434.2	7.1	0.8	1.2	0.4	-1.9	-1E+07	-1	
28	175.679	1434.5	6.6	0.3	1.4	-1	-1.6	-1E+07	-1.1	
28	175.379	1434.6	7.3	1.5	1.2	0.2	-1.2	-9922986	-1.2	
28	175.079	1434.8	6.5	0.3	1.2	-1.2	-0.9	-9648618	-1.2	
28	174.779	1435	7	0.4	1	-0.2	-0.6	-9389014	-1.1	
28	174.479	1435	6.9	0	0.9	-1.3	-0.4	-9223568	-1.1	
28	174.179	1435.2	7.2	0.5	1	-0.5	-0.2	-9143013	-1.2	
28	173.879	1435.3	7	0.3	1	-0.8	-0.1	-9103261	-1.2	
28	173.579	1435.3	7	-0.3	1	-1.1	-0.2	-8986052	-1.2	
28	173.279	1435.2	7.2	0	0.8	-0.5	-0.3	-8834388	-1.1	
28	172.979	1435.1	6.4	-0.7	1	-1.5	-0.6	-8651860	-1.1	
28	172.679	1434.9	7.5	0.7	0.9	0.3	-0.7	-8442541	-1.2	
28	172.379	1435	6.2	-0.5	1.3	-1.4	-0.8	-8243110	-1.2	
28	172.079	1434.8	7.7	0.9	1.4	-0.2	-0.9	-8052885	-1.3	
28	171.779	1434.6	6.4	-0.1	1.5	-1.5	-1.1	-7841760	-1.3	
28	171.479	1434.6	6.6	-0.3	1.6	-0.8	-1.1	-7726015	-1.3	
28	171.179	1434.8	6.7	0.3	1.7	-1.1	-0.8	-7641424	-1.4	
28	170.879	1434.9	6.7	-0.3	1.8	-1.3	-0.5	-7641424	-1.5	
28	170.579	1434.8	6.3	-0.1	1.6	-1.3	-0.3	-7669414	-1.2	
28	170.279	1434.6	5.5	-0.5	1.4	-2.7	-0.2	-7669414	-1	
28	169.979	1434.1	5.8	-0.4	0.8	-1.8	-0.2	-7641424	-0.6	
28	169.679	1433.7	6.3	-0.3	0.4	-2	-0.2	-7613637	-0.2	
28	169.379	1433.2	6.1	-0.1	-0.1	-0.9	0	-7669414	0.5	
28	169.079	1432.9	5.3	-0.5	-0.6	-1.4	0.1	-7754630	1.1	
28	168.779	1432.5	5.8	0.1	-1.2	-0.6	0.1	-7930871	1.6	
28	168.479	1432	5.9	0.4	-1.6	-0.3	-0.1	-8146887	2	
28	168.179	1431.8	6.4	0	-1.8	0.6	-0.1	-8511179	2.3	
28	167.879	1431.8	6.9	1	-1.8	1.5	0	-9143013	2.2	
28	167.579	1431.9	7.9	2.2	-1.6	1.8	0.1	-1E+07	1.5	
28	167.279	1432.1	8.5	3	-1.3	1.4	0.3	-1.2E+07	0.7	
28	166.979	1432	8.6	2.6	-1.1	0.2	0.2	-1.4E+07	-0.5	
28	166.679	1432.1	9.1	3.2	-0.8	0.8	0.2	-1.7E+07	-1.4	
28	166.379	1432.4	9.4	4.2	-0.3	-0.1	0.2		-2.6	
28	166.079	1432.6	9.8	4.3	0.1	-0.5	0.3		-3.5	
28	165.779	1432.6	9.9	5.5	0.5	-2	0.2		-4.6	
28	165.479	1432.7	9.7	3.9	0.8	-2.8	0		-5.3	
28	165.179	1432.7	9.4	3.9	0.9	-3.7	-0.2		-5.7	
28	164.879	1432.6	9.4	3.8	0.9	-3.9	-0.6		-5.9	
28	164.579	1432.7	9.7	3.6	1.3	-3.3	-0.8		-5.9	
28	164.279	1432.6	8.5	1.9	1.4	-4.4	-1.1		-5.5	
28	163.979	1432.5	8.1	1.5	1.2	-3.5	-1.4		-4.3	
28	163.679	1432.4	7.8	1.2	1.3	-2.7	-1.8		-3.5	
28	163.379	1432.1	8.1	1	1.3	-1.3	-2.1		-2.5	
28	163.079	1432.1	7.5	0.9	1.2	-0.2	-2.1		-1.4	
28	162.779	1432.1	6.9	-0.4	1.4	0.5	-2.1		-0.3	
28	162.479	1432.4	6.3	-0.2	1.5	1.1	-1.8		0.7	
28	162.179	1432.4	5.6	-1.4	1.1	1.2	-1.5		1.8	
28	161.879	1432.5	5.6	-1.3	0.8	2.6	-1.1		2.5	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
28	161.579	1432.9	5.2	-2	0.5	2.9	-0.3		2.7	
28	161.279	1433.2	4.2	-2.8	0.2	2.2	0.4		2.6	
28	160.979	1433.3	3.9	-3.1	-0.1	1.4	1		2.1	
28	160.679	1433.2	3	-4.2	-0.4	0	1.3		1.5	
28	160.379	1433	2.9	-3.5	-0.8	-0.3	1.5		0.9	
28	160.079	1432.8	2.5	-5	-1.2	-1.2	1.6		0.3	
28	159.779	1432.9	2.7	-3.5	-1.4	-1.6	1.7		-0.7	
28	159.479	1433	2.5	-5.2	-1.7	-2.8	1.9		-1.5	
28	159.179	1432.9	1.8	-4.6	-2	-3.9	1.7		-2.1	
28	158.879	1432.8	1.3	-5.3	-2.3	-4.8	1.6		-2.3	
28	158.579	1432.7	1.1	-5.6	-2.4	-4.9	1.4		-2.7	
28	158.279	1432.6	1.5	-5.2	-2.4	-4.7	1.4	19752359	-3.1	
28	157.979	1432.4	1.4	-4.9	-2.5	-4.9	1.4	19034091	-3.2	
28	157.679	1432.4	1.7	-3.8	-2.1	-4.4	1.4	18366228	-3.4	
28	157.379	1432.8	1.5	-4.3	-1.6	-4.7	1.4	17895299	-3.3	
28	157.079	1433.2	1.9	-4.4	-1	-4.2	1.3	17594538	-2.8	
28	156.779	1433.6	2	-4.1	-0.3	-3.6	1.3	17161885	-2.4	
28	156.479	1433.9	3.4	-1.9	0.4	-1.9	1.3	16750000	-2.2	
28	156.179	1434.1	2.7	-3.1	0.8	-2	1.3	16357422	-1.7	
28	155.879	1434	3.3	-2.6	1.1	-1.5	1.1	16230620	-1.4	
28	155.579	1434	3.3	-3.1	1.4	-1.2	1	16105769	-1	
28	155.279	1433.5	3	-3.9	1.2	-0.9	0.6	15982825	0	
28	154.979	1433.2	3.1	-4.8	1	0.1	0.1	15625000	0.7	
28	154.679	1432.8	4.2	-4.3	0.6	1.4	-0.3	14744718	1.1	
28	154.379	1432.3	4.6	-4	0.2	2	-0.8	13865894	1.3	
28	154.079	1431.6	4.9	-4.2	-0.3	2.3	-1.3	12845092	1.8	
28	153.779	1431.3	4.9	-4.5	-0.4	3.2	-1.6	11829096	2.2	
28	153.479	1431	5.4	-4.4	-0.5	3.6	-1.8	10792526	2.4	
28	153.179	1430.8	5.7	-4.2	-0.7	4	-1.8	9783879	2.4	
28	152.879	1431	6.1	-3.6	-0.3	4.2	-1.5	8909575	1.9	
28	152.579	1431.4	6	-3.4	-0.2	3.4	-1	8146887	1.1	
28	152.279	1431.9	5.9	-3.5	0	1.7	-0.5	7586051	-0.1	
28	151.979	1432.2	5.8	-3.9	-0.2	0.4	0.1	7170377	-1	
28	151.679	1432.5	5.4	-3.1	0	-1.5	0.6	6864754	-1.9	
28	151.379	1432.5	5.1	-3	-0.2	-2.1	1	6710737	-2.6	
28	151.079	1432.6	5.2	-2.6	-0.3	-3	1.3	6646826	-3.5	
28	150.779	1432.5	5	-3.1	-0.3	-3.6	1.4	6667994	-4.1	
28	150.479	1432.2	4.6	-2.9	-0.7	-4.9	1.3	6775890	-4.4	
28	150.179	1432.1	4.3	-2.6	-0.8	-4.5	1	6955980	-4.4	
28	149.879	1432.1	4.1	-2.2	-0.8	-4.5	0.8	7244810	-4	
28	149.579	1432.2	4.3	-1.3	-0.6	-3.8	0.5	7641424	-3.8	
28	149.279	1432.3	5	-0.6	-0.6	-2.3	0.4	8210785	-3.3	
28	148.979	1432.1	4.4	-0.8	-0.7	-2.9	0.2	8909575	-2.9	
28	148.679	1432.1	4.1	-0.1	-0.9	-2.4	0.2	9829812	-2.2	
28	148.379	1432.1	3.3	-0.6	-0.8	-2.7	0.2	11019737	-1.8	
28	148.079	1432.2	4.1	1.1	-0.7	-0.9	0.3	12612952	-1.2	
28	147.779	1432.3	2.8	-0.1	-0.7	-1.8	0.4	14641608	-0.8	
28	147.479	1432.3	3.4	0.9	-0.9	-0.6	0.4	17303719	-0.4	
28	147.179	1432.4	2.7	0	-1.1	-1	0.5		0.2	
28	146.879	1432.6	2.7	0.2	-1.2	-1.4	0.5		0.3	
28	146.579	1432.7	3.7	1.9	-1.1	-0.5	0.5		0.3	
28	146.279	1432.9	3.5	2.2	-0.9	-0.6	0.5		0.3	
28	145.979	1432.8	3.4	2.3	-0.9	-0.4	0.4		0.4	
28	145.679	1433	3.1	1.6	-0.6	-1.3	0.3		0.2	
28	145.379	1433.1	3.4	2	-0.4	-1	0.1		0.1	
28	145.079	1433.4	3.1	1.4	-0.1	-1.6	0.1		-0.1	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
28	144.779	1433.8	3.6	2.1	0.2	-1.2	0.2		-0.3	
28	144.479	1434.2	3.7	1.8	0.6	-1.7	0.1		-0.8	
28	144.179	1434.5	4.7	2.7	0.9	-1.9	0.1		-1.2	
28	143.879	1434.5	4.7	1.3	1	-2.5	0		-1.7	
28	143.579	1434.4	5.1	2.4	1	-2.4	-0.1		-2.1	
28	143.279	1434.4	5.2	1.9	0.9	-2.1	-0.1		-2.6	
28	142.979	1434.4	6.2	2.9	0.9	-2	0		-3.2	
28	142.679	1434.4	5.9	2.9	0.8	-2.6	0.1		-3.6	
28	142.379	1434.4	6.3	3.2	0.8	-2.7	0.1		-4	
28	142.079	1434.3	6.4	2.2	0.8	-2.8	0.1	16105769	-4.3	
28	141.779	1434.3	7.2	2.6	0.6	-2.9	0.2	13774671	-4.9	
28	141.479	1434.2	7.5	2.6	0.5	-2.8	0.4	12244152	-5.1	
28	141.179	1434.2	7.5	2.6	0.5	-3	0.7	11196524	-5.2	
28	140.879	1434.2	6.3	0.9	0.6	-4.2	0.9	10416667	-4.8	
28	140.579	1433.9	6.6	0.9	0.6	-3.8	0.8	9829812	-4.3	
28	140.279	1433.7	6.8	0.7	0.2	-2.9	0.7	9305556	-3.3	
28	139.979	1433.2	6.4	0.4	-0.2	-2.7	0.4	8834388	-2.1	
28	139.679	1432.7	6.1	0.2	-0.8	-1.8	0.2	8408635	-0.8	
28	139.379	1432.5	5.8	0	-1	-1.7	0	7991412	0.3	
28	139.079	1432.1	5.7	0.3	-1.1	-0.9	-0.3	7669414	1.4	
28	138.779	1431.6	5.6	0.5	-1.4	-0.2	-0.6	7451068	2.3	
28	138.479	1431	6.3	1.1	-1.6	1.4	-0.9	7372359	2.7	
28	138.179	1430.7	6	1	-1.6	1.1	-1	7424646	2.8	
28	137.879	1431.1	6.9	2.3	-1.1	1.2	-0.9	7586051	1.9	
28	137.579	1431.7	7.8	3.5	-0.3	0.8	-0.8	7871241	0.6	
28	137.279	1432.3	7.8	3.7	0.5	-0.4	-0.7	8243110	-0.7	
28	136.979	1432.7	8.4	4.1	0.9	-1.2	-0.5	8797269	-2	
28	136.679	1432.9	8.5	3.5	1.5	-2.1	-0.5	9431306	-3.4	
28	136.379	1433	8.8	4.4	1.6	-2.9	-0.4	10114734	-4.5	
28	136.079	1432.9	8.9	4.8	1.7	-4.2	-0.4	10904948	-5.6	
28	135.779	1432.7	8.8	5.5	1.6	-4.4	-0.4	11696928	-5.9	
28	135.479	1432.5	8.4	4.3	1.2	-5.4	-0.6	12462798	-6.2	
28	135.179	1432.4	8.9	6.1	0.8	-5.2	-0.7	13251582	-6	
28	134.879	1432.3	9	5.6	0.5	-4.6	-0.8	14146960	-5.7	
28	134.579	1432.1	9.4	6.7	0.2	-4.1	-0.8	15282847	-5.1	
28	134.279	1431.8	8.7	6	-0.1	-3.8	-0.7	16486221	-4.3	
28	133.979	1431.9	8.8	5.1	-0.3	-2.7	-0.5	18049569	-3.5	
28	133.679	1432.2	8.6	5.1	-0.2	-2.2	-0.1	19567757	-2.8	
28	133.379	1432.4	8.6	5.2	-0.4	-1.1	0.4		-1.9	
28	133.079	1432.7	8.4	5.3	-0.5	-0.6	0.9		-1.3	
28	132.779	1432.9	8.4	5	-0.6	-0.2	1.4		-1.1	
28	132.479	1432.9	8.1	5	-1.1	-0.1	1.9		-0.7	
28	132.179	1432.7	8.4	4.8	-1.5	0	2.2		-0.6	
28	131.879	1432.3	7.9	4.2	-1.9	0.6	2.3		-0.5	
28	131.579	1432.3	7.2	2.5	-2.2	-0.3	2.5		-0.6	
28	131.279	1432.2	7.1	2.4	-2.7	0.1	2.6	19752359	-0.7	
28	130.979	1432.2	6.9	1.8	-2.9	-0.3	2.7	19752359	-0.8	
28	130.679	1432	7	1.8	-3.1	0	2.6		-1.2	
28	130.379	1431.9	6.1	-0.1	-3.1	-0.9	2.5		-1.4	
28	130.079	1431.8	6.1	0.2	-2.7	-0.6	2.2		-1.8	
28	129.779	1431.9	6.3	0	-2	-0.8	2		-1.9	
28	129.479	1432	4.9	-1.5	-1.3	-2.1	1.8		-1.9	
28	129.179	1432.1	5.1	-2.1	-0.9	-1.6	1.5		-1.9	
28	128.879	1432.3	4	-3.5	-0.2	-2.6	1	19034091	-1.7	
28	128.579	1432.3	4.2	-3.3	0.2	-2.3	0.5	17447917	-1.4	
28	128.279	1432.3	3.3	-3	0.8	-3.3	0	15625000	-1	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
28	127.979	1432.1	2.8	-3.8	0.9	-2.9	-0.3	13958333	-0.3	
28	127.679	1431.7	1.8	-5	1	-3.4	-0.6	12612952	0.2	
28	127.379	1431.2	2	-4.4	0.8	-3.1	-0.8	11567680	0.5	
28	127.079	1430.8	2.3	-3.8	0.8	-2.3	-1.1	10737180	0.7	
28	126.779	1430.7	2.5	-3.3	0.7	-1.7	-1.1	10114734	0.8	
28	126.479	1430.9	2.7	-3	0.8	-1.4	-1	9560502	0.7	
28	126.179	1431	3.3	-2.3	0.8	-1.5	-1	9103261	0	
28	125.879	1431.1	4.3	-2	0.7	-0.7	-0.9	8687760	-0.4	
28	125.579	1431.1	4.7	-1.3	0.6	-0.8	-0.8	8341634	-1	
28	125.279	1430.7	4.8	-2.1	0.5	-0.6	-0.9	8022031	-1.4	
28	124.979	1430.5	4.9	-2.9	0.5	-1	-0.9	7726015	-1.9	
28	124.679	1430.2	5.8	-2	0.2	-0.7	-0.9	7477679	-2.3	
28	124.379	1430.1	4.9	-3.5	0.1	-2.2	-0.9	7244810	-2.4	
28	124.079	1429.9	5.6	-2.9	-0.1	-1.5	-1	7097458	-2.4	
28	123.779	1430	5.4	-3.4	-0.2	-1.7	-0.9	7026007	-2.2	
28	123.479	1430.2	5.9	-3	-0.2	-1.6	-0.8	7049664	-2.1	
28	123.179	1430.4	6.2	-2.6	-0.3	-1.5	-0.5	7219828	-1.9	
28	122.879	1430.5	6.2	-2.2	-0.1	-1.8	-0.3	7586051	-1.7	
28	122.579	1430.7	6.1	-2.8	-0.3	-1.1	0	8210785	-1.2	
28	122.279	1431	6.1	-2.9	-0.2	-1.7	0.3	9223568	-1	
28	121.979	1431	6.9	-2.5	-0.5	-0.3	0.5	10792526	-0.8	
28	121.679	1431.2	6.7	-2	-0.5	-0.6	0.7	13168239	-0.4	
28	121.379	1431.2	6.5	-2.3	-0.7	-0.6	0.7	17161885	-0.1	
28	121.079	1431.2	6.6	-2	-0.8	-0.6	0.7		0.1	
28	120.779	1431.3	7	-1.6	-0.7	-0.1	0.6		0.1	
28	120.479	1431.2	7.8	-0.6	-0.8	0.6	0.5		0.1	
28	120.179	1431.5	7.2	-1.2	-0.6	-0.1	0.4		0.2	
28	119.879	1431.7	7.8	-0.3	-0.6	0.5	0.4		0.1	
28	119.579	1432	7.9	-0.5	-0.4	0.1	0.4		0	
28	119.279	1432.1	8.3	0.4	-0.4	0.4	0.4		-0.1	
28	118.979	1432.3	8.6	1.4	-0.2	0.3	0.4		-0.3	
28	118.679	1432.3	8.7	1.6	-0.3	0.3	0.4		-0.4	
28	118.379	1432.4	8.3	1.4	-0.3	-0.3	0.5		-0.4	
28	118.079	1432.5	8.5	1.5	-0.2	-0.4	0.6		-0.6	
28	117.779	1432.7	9	2.9	-0.2	0	0.7		-0.6	
28	117.479	1432.9	8.6	2.5	-0.2	-0.8	0.7		-0.7	
28	117.179	1433	8.8	2.5	0	-0.5	0.7		-0.7	
28	116.879	1433.1	8.9	4	0	-0.7	0.7		-0.9	
28	116.579	1433.1	9.5	4.4	-0.1	-0.5	0.7		-1.1	
28	116.279	1433.2	9.4	5.4	0	-1.1	0.7		-1.3	
28	115.979	1433.1	9.5	5.3	-0.1	-0.4	0.7		-1.4	
28	115.679	1433.1	8.9	5.6	0	-1.8	0.6	16230620	-1.8	
28	115.379	1432.9	9.6	6.8	0	-1.4	0.4	13595779	-2.2	
28	115.079	1433	9.7	7.9	0.3	-1.8	0.3	11631945	-2.6	
28	114.779	1432.7	9.3	7.3	0.3	-2.1	0.1	10213415	-2.8	
28	114.479	1432.8	9.1	6.8	0.4	-2.4	0.1	9143013	-3	
28	114.179	1432.7	9.2	6.7	0.6	-2.8	-0.1	8308532	-3.4	
28	113.879	1432.6	9.7	7	0.6	-2.6	-0.2	7613637	-3.9	
28	113.579	1432.6	8.8	5.5	0.7	-3.2	-0.2	7097458	-4	
28	113.279	1432.5	9.3	5	0.6	-2.3	-0.3	6732315	-4.1	
28	112.979	1432.3	8.7	4	0.7	-3.5	-0.5	6522586	-4.1	
28	112.679	1431.9	9.3	4.5	0.3	-2.8	-0.7	6402905	-4.1	
28	112.379	1431.6	8.3	3.4	0.3	-3.2	-0.9	6383384	-3.8	
28	112.079	1431.4	8.2	2.4	0.1	-2.7	-1.1	6482198	-3.2	
28	111.779	1431.2	7.6	2.7	0.1	-2.7	-1.2	6710737	-2.5	
28	111.479	1431.2	7.5	1.9	0.3	-2.6	-1.2	7145905	-2	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
28	111.179	1431.2	6.6	1.2	0.3	-2.2	-1.2	7841760	-1.1	
28	110.879	1431.3	6.1	0.2	0.2	-2.2	-1.1	8871822	0	
28	110.579	1431.4	6.7	0.5	0.1	-0.4	-0.9	10416667	1.3	
28	110.279	1431.5	6.4	0.2	0.1	0	-0.5	12689394	2.3	
28	109.979	1431.7	6.2	0.1	0.1	1	-0.1	16230620	3.2	
28	109.679	1431.9	6.3	0.2	0	1.8	0.5		3.9	
28	109.379	1431.9	6.4	-0.5	-0.3	2.6	1		4.1	
28	109.079	1431.6	6.5	-0.2	-0.8	2.5	1.2		4.2	
28	108.779	1431.5	6.6	0.1	-0.9	2.9	1.2		4	
28	108.479	1431.8	7.3	0.7	-1	3.1	1.4		3.2	
28	108.179	1432	8.2	1.2	-1.1	2.5	1.5		2.2	
28	107.879	1431.8	8.1	0.3	-1.4	1.4	1.4		1.3	
28	107.579	1431.7	8.4	1.2	-1.5	0.3	1.3		0	
28	107.279	1431.4	8.7	0.9	-1.8	-0.8	1.1		-1.3	
28	106.979	1431.3	8.2	0.3	-1.8	-2.4	1		-2.1	
28	106.679	1431.2	8.9	0.6	-1.9	-2.3	1.1		-2.9	
28	106.379	1431.3	8.9	0.3	-1.9	-3.6	1.3		-3.6	
28	106.079	1431.6	8.8	0.1	-1.8	-4.4	1.5		-4.1	
28	105.779	1431.9	9.1	0.8	-1.6	-4.9	1.6		-4.3	
28	105.479	1432.1	9.6	1.1	-1.3	-4.8	1.7		-4.5	
28	105.179	1432.1	10	1	-1.1	-4.8	1.7		-4.7	
28	104.879	1432.3	10	1.4	-0.5	-5.1	1.6		-4.7	
28	104.579	1432.3	10.7	1.9	-0.2	-3.6	1.5		-4.7	
28	104.279	1432.4	10.2	1.3	0.2	-4.6	1.4		-4.7	
28	103.979	1432.3	11.2	1.7	0.3	-3.4	1.3	19940476	-4.6	
28	103.679	1432.1	10.9	1.5	0.4	-3.7	1.1	16750000	-4.5	
28	103.379	1431.8	11.2	1.7	0.5	-3.6	0.8	14052014	-4.4	
28	103.079	1431.5	11.6	2.7	0.7	-3.3	0.5	11896307	-4.3	
28	102.779	1431.3	11.7	2.1	0.8	-3.2	0.3	10163835	-4.3	
28	102.479	1431	12.1	2.4	0.6	-2.3	0.1	8797269	-4	
28	102.179	1430.8	11	1.7	0.7	-3.4	-0.2	7697610	-3.6	
28	101.879	1430.4	11.3	2.2	0.4	-2.1	-0.6	6842320	-3.2	
28	101.579	1430	11.1	1.9	0.5	-2.6	-1.2	6212908	-3	
28	101.279	1429.5	11.4	1.7	0.6	-1.9	-1.9	5815972	-2.7	
28	100.979	1429.1	11.6	2.8	0.8	-1.6	-2.4	5583334	-2.4	
28	100.679	1428.6	11.6	2.3	0.9	-1.5	-2.9	5495407	-2.2	
28	100.379	1428.3	11.2	2.5	1.1	-1.3	-3.1	5539021	-1.8	
28	100.079	1428.2	10.9	1.6	1.4	-1.6	-3.2	5736302	-1.5	
28	99.779	1428.3	10.9	2.6	1.4	-0.2	-2.9	6068841	-1	
28	99.479	1428.7	10.3	2.1	1.4	-0.3	-2.3	6646826	-0.6	
28	99.179	1429.2	10.2	2.6	1.2	-0.1	-1.5	7451068	-0.3	
28	98.879	1429.5	10.3	2.8	1	-0.1	-0.8	8442541	-0.2	
28	98.579	1429.6	10.4	3.8	0.4	0	0	9431306	-0.2	
28	98.279	1429.7	10.1	4	0	-0.7	0.7	10365099	-0.2	
28	97.979	1429.3	9.8	3.1	-0.7	-0.4	1.1	10962042	-0.4	
28	97.679	1429.1	9.9	3.5	-1.4	-0.8	1.6	11196524	-0.5	
28	97.379	1428.8	9.1	2.9	-2	-1.3	1.7	11019737	-0.6	
28	97.079	1428.8	8.8	2.5	-2.2	-1.4	1.7	10574495	-0.7	
28	96.779	1428.9	8.9	2.5	-2.2	-1.5	1.5	10114734	-1	
28	96.479	1429.2	9	2.5	-2.1	-1.7	1.2	9829812	-1.2	
28	96.179	1429.3	8.9	2.3	-1.9	-2.2	0.8	9829812	-1.5	
28	95.879	1429.5	9.5	2.2	-1.9	-1.3	0.7	10213415	-1.6	
28	95.579	1429.5	8.4	0.2	-1.5	-2.4	0.4	11019737	-1.8	
28	95.279	1429.6	9.4	1.3	-1.3	-1.5	0.4	12462798	-2.1	
28	94.979	1429.8	8.8	0.4	-1	-2.2	0.4	14744718	-2.4	
28	94.679	1429.8	8.8	0.1	-1.1	-2.1	0.4	18206522	-2.7	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
28	94.379	1430.1	8.6	0.4	-1.2	-2.8	0.7		-2.9	
28	94.079	1430.7	8.6	-0.3	-1.2	-3.3	1.2		-3.3	
28	93.779	1431.3	8.8	-0.1	-1.2	-3.2	1.8		-3.5	
28	93.479	1431.7	8.3	-0.5	-1.2	-4.8	2.2		-3.7	
28	93.179	1431.9	8.2	-0.9	-1.1	-4.5	2.4		-3.6	
28	92.879	1431.9	7.7	-1.9	-0.9	-5.5	2.5		-3.2	
28	92.579	1432	8.2	-1.8	-0.7	-4.5	2.5		-2.9	
28	92.279	1432.2	7.6	-2.4	-0.3	-4.9	2.5		-2.5	
28	91.979	1432.3	8.1	-2.6	0.1	-4.2	2.3	18862613	-2.2	
28	91.679	1432.3	8.2	-2	0.1	-3.7	1.9	15861743	-1.7	
28	91.379	1432.1	8.2	-3	0.2	-3.4	1.1	13595779	-1.2	
28	91.079	1431.9	9.3	-1.6	0.3	-1.8	0.3	11696928	-0.7	
28	90.779	1431.7	9.8	-1.4	0.4	-0.8	-0.5	10263481	-0.6	
28	90.479	1431.1	10.6	-1	0.2	0.3	-1.2	9103261	-0.5	
28	90.179	1430.5	10.9	-0.8	-0.1	0.2	-1.8	8178711	-0.7	
28	89.879	1430.2	11.3	-0.8	-0.4	0.9	-2.1	7320804	-0.8	
28	89.579	1429.8	11.5	0.5	-0.3	0.5	-2.5	6604890	-1.1	
28	89.279	1429.8	11.8	0.5	-0.2	1.1	-2.4	6033862	-1.3	
28	88.979	1430.2	12.1	1	0.2	1.1	-2.1	5643531	-1.7	
28	88.679	1430.9	12.4	1	0.4	1	-1.4	5368590	-2	
28	88.379	1431.7	11.9	0.3	0.6	-0.3	-0.6	5195410	-2.3	
28	88.079	1432.3	12	0.4	0.6	-0.8	0.4	5106708	-2.5	
28	87.779	1432.8	11.9	0.7	0.9	-1.2	1	5069613	-2.4	
28	87.479	1433.1	11.6	0.7	0.9	-1.8	1.6	5131741	-2.6	
28	87.179	1432.9	11.8	0.9	0.7	-1.3	1.9	5260679	-2.6	
28	86.879	1432.5	10.7	0.4	0.2	-2.4	1.9	5438312	-2.6	
28	86.579	1432.1	10.5	0.3	-0.3	-2.7	1.7	5628360	-2.5	
28	86.279	1431.9	9.6	-0.7	-0.7	-3.6	1.3	5799862	-2.6	
28	85.979	1431.7	10.1	-0.3	-1	-2.7	0.7	5948154	-2.7	
28	85.679	1431.6	9.9	-0.2	-1.2	-3.2	0.1	6104228	-2.8	
28	85.379	1431.3	10.5	0.7	-1.4	-2.4	-0.5	6250000	-2.7	
28	85.079	1430.9	10.2	0.3	-1.6	-2.4	-0.9	6422546	-2.5	
28	84.779	1430.8	9.6	0.5	-1.5	-2.9	-1.1	6584120	-2.5	
28	84.479	1431.1	9.3	0.5	-1.2	-2.4	-0.9	6710737	-2.2	
28	84.179	1431.2	9.3	0.4	-1	-2.2	-0.7	6864754	-2.1	
28	83.879	1431.7	8.9	-0.1	-0.8	-2.2	-0.2	7121599	-1.8	
28	83.579	1432.3	8.3	-0.6	-0.5	-3.1	0.3	7504480	-1.7	
28	83.279	1433	8.7	-0.8	-0.2	-2.2	1	8022031	-1.6	
28	82.979	1433.5	8.6	0.2	0	-2.8	1.5	8580943	-1.5	
28	82.679	1433.7	8.6	-0.8	0.2	-2.6	1.8	9305556	-1.3	
28	82.379	1433.9	8.2	-0.6	0.3	-2.6	1.9	10263481	-1.1	
28	82.079	1433.8	8.4	-0.4	0.1	-2.5	1.7	11696928	-1	
28	81.779	1433.8	8.4	-0.2	0.1	-2.1	1.5	13774671	-0.8	
28	81.479	1433.6	9.1	0.5	0.2	-1.5	1	16617064	-0.8	
28	81.179	1433.3	9.3	0.5	0.1	-1.3	0.6	19752359	-0.8	
28	80.879	1432.9	8.7	0.4	0.1	-2	0.1		-0.6	
28	80.579	1432.7	9.3	1.1	0.2	-1.5	-0.3		-0.6	
28	80.279	1432.5	9.6	1.9	0.2	-1.1	-0.5		-0.4	
28	79.979	1432.7	9.8	1.6	0.2	-0.6	-0.2	19208716	-0.4	
28	79.679	1432.9	10.4	2.8	0.1	0	0.2	15625000	-0.5	
28	79.379	1433.2	10.1	2	-0.2	-0.4	0.7	12389053	-0.7	
28	79.079	1433.1	10.8	2.6	-0.5	-0.6	0.9	10017943	-0.9	
28	78.779	1432.8	11.4	3.2	-1.1	-0.4	1.1	8408635	-1.2	
28	78.479	1432.5	11.5	2.2	-1.5	-0.3	1.3	7424646	-1.6	
28	78.179	1432.1	11.7	1.9	-2.1	-1	1.4	6820033	-2.3	
28	77.879	1431.8	12.1	1.5	-2.4	-0.8	1.4	6542969	-3.2	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
28	77.579	1431.5	11.8	0.9	-2.7	-2.3	1.1	6462192	-4.2	
28	77.279	1431.4	11.3	0	-2.7	-3.2	0.7	6625791	-4.7	
28	76.979	1431.6	11.3	-0.2	-2.5	-3.8	0.4	6979167	-5.5	
28	76.679	1431.8	11.9	0.1	-2.1	-3.4	0.2	7504480	-5.9	
28	76.379	1432.2	11.9	-0.2	-1.4	-4.2	0.1	8146887	-6.5	
28	76.079	1432.6	11.8	-0.6	-0.6	-4.4	-0.1	8797269	-6.9	
28	75.779	1432.8	11.4	-0.5	-0.1	-4.4	-0.2	9347098	-6.8	
28	75.479	1433.2	9.8	-2.2	0.6	-6.2	-0.4	9604358	-6.6	
28	75.179	1433.5	10.1	-1.8	1.2	-5.1	-0.5	9560502	-5.8	
28	74.879	1433.9	9.3	-2.3	1.6	-4.6	-0.4	9264381	-4.7	
28	74.579	1434.2	9	-2.8	1.7	-3.8	-0.2	8871822	-3.4	
28	74.279	1434.3	8.1	-2.6	1.6	-3.6	0	8476721	-2	
28	73.979	1434.2	7.8	-2.7	1.3	-2	0.1	8146887	-0.4	
28	73.679	1434.2	7.1	-2.5	1	-1.2	0.3	7961027	1.2	
28	73.379	1434.1	6.2	-3.9	0.7	-0.5	0.4	7900944	2.5	
28	73.079	1434.2	6.7	-3.2	0.4	1.6	0.7	7991412	3.1	
28	72.779	1434.1	6.9	-3.6	0.2	2.4	0.6	8178711	3.3	
28	72.479	1434	7.2	-3	-0.1	2.2	0.4	8408635	3	
28	72.179	1433.8	7.6	-2	-0.2	2	0	8651860	2.1	
28	71.879	1433.6	7.5	-1.8	-0.2	1.9	-0.4	8797269	1.3	
28	71.579	1433.5	6.9	-2.4	0	0.5	-0.7	8797269	0.5	
28	71.279	1433.3	7.3	-1.6	-0.1	0.5	-0.9	8580943	-0.5	
28	70.979	1433.1	6.9	-1.4	0.1	-0.7	-1	8210785	-1.6	
28	70.679	1433	6.7	-2	-0.1	-1.7	-0.9	7726015	-2.3	
28	70.379	1433	5.5	-3.1	0	-3.2	-0.7	7244810	-2.7	
28	70.079	1433.4	6.7	-1.9	0.1	-2.9	-0.3	6864754	-3.2	
28	69.779	1433.7	6.5	-1.7	0	-2.9	0.4	6667994	-3.2	
28	69.479	1434	5.7	-2.7	0.1	-3.9	1	6667994	-3.2	
28	69.179	1434.2	6	-2.4	-0.3	-3.1	1.6	6864754	-3	
28	68.879	1434.3	5.5	-3.6	-0.2	-3.9	1.9	7195017	-2.9	
28	68.579	1433.9	5.9	-3.4	-0.5	-2.8	1.9	7669414	-2.9	
28	68.279	1433.8	5.6	-3.1	-0.5	-3.1	1.9	8275692	-2.6	
28	67.979	1433.4	5.2	-4.1	-1	-2.4	1.7	8947650	-2.2	
28	67.679	1433.1	5.6	-4	-1.1	-2.9	1.4	9604358	-1.9	
28	67.379	1432.7	4.9	-4.9	-1.2	-2.9	0.8	10017943	-1.7	
28	67.079	1432.3	5.3	-5.1	-1.3	-2.1	0.3	10114734	-1.5	
28	66.779	1432.2	5.3	-4.8	-1.3	-2.2	-0.2	9922986	-1.3	
28	66.479	1431.9	5.7	-5.1	-1.5	-1.2	-0.5	9604358	-1.1	
28	66.179	1431.9	4.8	-6.6	-1.4	-2.7	-0.6	9431306	-0.9	
28	65.879	1431.9	5.5	-6	-1.5	-1.6	-0.7	9431306	-0.6	
28	65.579	1432.3	5.2	-6.5	-1.2	-2.3	-0.5	9648618	-0.6	
28	65.279	1432.3	6.5	-5.6	-1.3	-1	-0.4	10066106	-0.6	
28	64.979	1432.5	5.7	-6.1	-1.1	-1.7	-0.2	10574495	-0.4	
28	64.679	1432.7	6.1	-5.2	-0.8	-1.3	-0.1	11256721	-0.5	
28	64.379	1433.2	6.4	-4.9	-0.7	-1	0.2	12102601	-0.5	
28	64.079	1433.6	6.1	-5.8	-0.3	-2	0.3	12924383	-0.7	
28	63.779	1434	7.4	-4.5	0	-0.5	0.4	13421474	-0.9	
28	63.479	1434.3	7.5	-4.3	0.2	-1.5	0.5	13421474	-1.2	
28	63.179	1434.7	8.6	-2.8	0.2	0	0.7	12924383	-1.5	
28	62.879	1434.9	8.3	-1.5	0.6	-1.7	0.9	12244152	-1.7	
28	62.579	1435	9.1	-1	0.6	-0.7	1.1	11379076	-2	
28	62.279	1434.9	8.6	-0.7	0.8	-1.7	1.2	10468750	-2.2	
28	61.979	1435.1	8.6	-0.4	0.9	-1.6	1.3	9648618	-2.4	
28	61.679	1435.3	9.1	1	0.9	-1.5	1.5	8947650	-2.6	
28	61.379	1435.4	9.3	1.5	0.7	-2.1	1.6	8375000	-2.9	
28	61.079	1435.4	10.1	3	0.5	-1.6	1.7	7930871	-3.1	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
28	60.779	1435.2	9.1	2.9	0.1	-3.3	1.7	7613637	-3.3	
28	60.479	1434.6	10.2	3.5	-0.4	-2	1.5	7398410	-3.6	
28	60.179	1434	9.9	3	-0.8	-2.6	1.1	7244810	-3.8	
28	59.879	1433.2	10.1	2.9	-1.3	-1.8	0.7	7219828	-4	
28	59.579	1432.6	9.3	1.7	-1.7	-2.1	0.2	7346491	-4.3	
28	59.279	1432.3	9.8	2.3	-1.9	-1.5	-0.2	7586051	-4.5	
28	58.979	1432.1	9.7	2.8	-2.1	-2	-0.5	7930871	-4.6	
28	58.679	1432.1	9.7	2.4	-1.7	-2.2	-0.7	8341634	-4.8	
28	58.379	1432.1	9.6	2.7	-1.3	-1.2	-0.7	8687760	-4.8	
28	58.079	1432.2	8.9	2.2	-0.8	-2.3	-0.5	9024785	-4.8	
28	57.779	1432.4	8.3	2.8	-0.2	-1.9	-0.2	9143013	-4.6	
28	57.479	1432.7	7.3	0.6	0.5	-2.6	0.2	9063853	-4.3	
28	57.179	1433.1	5.6	-0.9	1	-3.2	0.5	8651860	-3.7	
28	56.879	1433.6	4.5	-1.2	1.4	-3.8	0.8	8052885	-2.9	
28	56.579	1434	4.9	-1.1	1.6	-2.9	0.9	7398410	-2.4	
28	56.279	1433.6	4.1	-1.4	1.5	-3.6	0.5	6797890	-1.8	
28	55.979	1433	2.8	-3.1	1.3	-3.7	-0.1	6287538	-1.1	
28	55.679	1432.3	2.7	-2.9	1	-2.7	-0.7	5881320	-0.2	
28	55.379	1431.5	1.3	-3.9	0.6	-2.7	-1.3	5598262	0.5	
28	55.079	1430.9	1	-4.6	0.1	-1.9	-1.5	5396263	0.9	
28	54.779	1430.6	0.8	-4.1	-0.3	-1.1	-1.6	5287248	0.9	
28	54.479	1430.5	1.1	-4.2	-0.8	-0.6	-1.5	5260679	0.8	
28	54.179	1430.9	1.2	-4.1	-0.9	-1	-1.1	5314087	0.2	
28	53.879	1431.2	2	-3.7	-1.1	-0.2	-0.5	5424223	-0.4	
28	53.579	1431.6	1.2	-3.6	-1.1	-0.9	0.3	5583334	-0.9	
28	53.279	1431.8	1.4	-4.1	-1.2	-0.8	1	5783840	-1.5	
28	52.979	1432	0.8	-4.4	-1.3	-1.7	1.6	6051301	-1.8	
28	52.679	1431.9	0.3	-6.2	-1.5	-1.8	1.9	6383384	-2.1	
28	52.379	1431.9	0	-5.7	-1.5	-1.9	2	6775890	-2.2	
28	52.079	1431.9	0.5	-5.6	-1.4	-1.5	1.7	7219828	-2.3	
28	51.779	1431.8	0	-6.4	-1.4	-2.3	1.3	7697610	-2.2	
28	51.479	1431.9	-0.4	-6.5	-1.2	-2.6	0.9	8275692	-2.1	
28	51.179	1431.8	-0.3	-7.7	-1.1	-1.6	0.5	8909575	-2	
28	50.879	1431.8	-1.2	-8.7	-0.7	-2.8	0.1	9693287	-2	
28	50.579	1431.8	0.1	-8.5	-0.4	-1	-0.1	10574495	-2.1	
28	50.279	1432.1	-1	-9.3	-0.1	-1.9	-0.1	11567680	-2	
28	49.979	1432.3	-1.4	-10.5	0.2	-2.2	-0.2	12462798	-2.1	
28	49.679	1432.7	-1.6	-10.2	0.5	-2.6	-0.1	13168239	-1.9	
28	49.379	1433	-1	-9.6	0.6	-1.6	0.1	13684641	-2	
28	49.079	1433.2	-1.8	-10.9	0.3	-2.6	0.4	13958333	-2	
28	48.779	1433.2	-2.7	-12	0	-3.2	0.6	14146960	-1.9	
28	48.479	1433.1	-2.1	-12.2	-0.3	-2.1	0.9	14243197	-1.9	
28	48.179	1432.7	-2.8	-11.9	-0.7	-3.8	1	14146960	-2	
28	47.879	1432.7	-2.5	-12.7	-1	-2.8	1.4	14052014	-2.1	
28	47.579	1432.6	-2.6	-12.5	-1.2	-2.8	1.6	14052014	-2.2	
28	47.279	1432.7	-2.4	-12.5	-1.4	-2.6	1.9	14146960	-2.4	
28	46.979	1432.9	-2.8	-12.1	-1.2	-3.6	2.1	13958333	-2.5	
28	46.679	1433.2	-2.1	-11.9	-0.8	-2.7	2.1	13774671	-2.7	
28	46.379	1433.3	-2.4	-12.1	-0.2	-2.7	2	13168239	-2.9	
28	46.079	1433.2	-2.7	-12.4	0	-3.3	1.9	11896307	-3	
28	45.779	1432.9	-2.1	-11.7	0.3	-2.4	1.6	10263481	-3.2	
28	45.479	1432.5	-2.6	-11.5	0.4	-3.5	1.3	8651860	-3.2	
28	45.179	1432.1	-2.6	-10.9	0.2	-3.4	1	7244810	-3.4	
28	44.879	1431.7	-2.8	-10.1	-0.1	-4	0.6	6176254	-3.5	
28	44.579	1431	-2.5	-8.1	-0.4	-3.6	0.1	5368590	-3.6	
28	44.279	1430.5	-2.5	-7	-1	-4.3	-0.2	4791190	-3.6	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
28	43.979	1429.9	-2.5	-7.4	-1.6	-4.3	-0.5	4398635	-3.5	
28	43.679	1429.5	-2.6	-6.7	-1.9	-4.2	-0.7	4179142	-3.5	
28	43.379	1429.3	-2.9	-5.7	-1.9	-4.9	-0.8	4097359	-3.4	
28	43.079	1429	-2.2	-4.9	-2.1	-3.7	-0.9	4121555	-3.2	
28	42.779	1429.2	-2.6	-3.9	-1.7	-4.2	-0.9	4255590	-3	
28	42.479	1429.6	-2.1	-3.1	-1.3	-3.4	-0.8	4493026	-2.7	
28	42.179	1429.8	-2.2	-3	-0.8	-3.1	-0.7	4824309	-2.1	
28	41.879	1430.3	-1.4	-2.5	-0.2	-2.2	-0.5	5208334	-1.9	
28	41.579	1430.7	-1	-2.2	0.5	-2.1	-0.4	5643531	-1.8	
28	41.279	1431.1	-1	-3	1.1	-2.1	-0.2	6122076	-1.7	
28	40.979	1431.2	-0.8	-2	1.5	-1.3	-0.2	6584120	-1.6	
28	40.679	1431.6	-0.7	-2.1	1.9	-1.8	-0.1	6979167	-1.6	
28	40.379	1431.5	-0.1	-0.9	1.8	-1.1	-0.2	7295296	-1.7	
28	40.079	1431.7	-0.1	-0.4	1.7	-1.4	-0.2	7477679	-1.7	
28	39.779	1431.7	0.1	0.1	1.6	-0.9	-0.2	7558664	-1.9	
28	39.479	1431.5	0.2	-0.3	1.2	-1.3	-0.4	7558664	-2	
28	39.179	1431.3	1	1	1	-0.8	-0.5	7558664	-2.2	
28	38.879	1430.9	1.3	1.7	0.5	-1	-0.7	7558664	-2.3	
28	38.579	1430.5	0.8	1.1	0	-1.5	-0.8	7558664	-2.3	
28	38.279	1430.7	1.2	2.4	-0.4	-0.7	-0.6	7586051	-2.3	
28	37.979	1430.7	1.2	1.1	-0.7	-1.4	-0.4	7613637	-2.3	
28	37.679	1430.7	1.4	2.4	-1.1	-0.7	-0.2	7726015	-2.2	
28	37.379	1430.8	0.5	1.9	-1.2	-1.5	0.1	7900944	-1.9	
28	37.079	1431.1	0.4	2	-1.5	-1.1	0.7	8178711	-1.7	
28	36.779	1430.9	0.2	1.2	-1.7	-1.7	1	8511179	-1.8	
28	36.479	1431.2	1	2.8	-1.6	-1.4	1.6	8834388	-2.3	
28	36.179	1431.4	0.8	3.5	-1.5	-1.4	2.2	9183114	-2.6	
28	35.879	1431.7	0	2.1	-1.5	-2.7	2.7	9560502	-3	
28	35.579	1432	0.7	3.5	-1.5	-2.3	3.1	9970238	-3.4	
28	35.279	1432.3	0	2.5	-1.5	-3.3	3.4	10416667	-3.7	
28	34.979	1432.2	0.2	2.8	-1.9	-2.7	3.5	10962042	-4	
28	34.679	1432.2	-0.5	1.9	-2.2	-3.8	3.5	11379076	-4.3	
28	34.379	1431.9	-0.8	2	-2.2	-4.1	3.2	11567680	-4.5	
28	34.079	1431.5	-1.1	1	-2.5	-4.7	2.8	11631945	-4.5	
28	33.779	1430.8	-1.5	0.9	-2.6	-4.7	2	11567680	-4.5	
28	33.479	1430.3	-1.9	0.8	-2.8	-4.3	1.3	11379076	-4.2	
28	33.179	1430.2	-2.1	0	-2.7	-4.4	0.7	11078042	-4	
28	32.879	1430.1	-2.2	0.4	-2.4	-4	0	10682398	-3.6	
28	32.579	1430.3	-2.8	-0.2	-1.8	-3.8	-0.7	10213415	-3.3	
28	32.279	1430.7	-2.5	0.3	-1.1	-3.3	-1.2	9783879	-3.1	
28	31.979	1431	-2.6	-0.1	-0.6	-3.3	-1.5	9473982	-3	
28	31.679	1431.3	-2.8	-0.3	-0.1	-3	-1.8	9305556	-2.8	
28	31.379	1431.4	-3.3	-0.8	0.5	-3.1	-2	9183114	-2.5	
28	31.079	1431.8	-3.5	-0.9	1.1	-2.8	-1.9	9183114	-2.1	
28	30.779	1432.3	-4	-1.1	1.5	-2.6	-1.7	9183114	-1.6	
28	30.479	1432.7	-3.6	-1.4	1.7	-1.7	-1.4	9143013	-1	
28	30.179	1433.4	-4.8	-2.2	1.8	-2.3	-0.8	8947650	-0.5	
28	29.879	1433.8	-4	-1.9	1.7	-1.3	-0.5	8687760	-0.4	
28	29.579	1434.4	-3.7	-1.5	1.7	-1	-0.1	8375000	-0.3	
28	29.279	1434.8	-4.1	-2.7	1.7	-1.6	0.1	7930871	-0.3	
28	28.979	1435	-3.9	-2.9	1.5	-0.8	0.4	7451068	-0.3	
28	28.679	1434.9	-3.7	-2.7	1	-1	0.6	6955980	-0.6	
28	28.379	1434.8	-3.8	-3	0.6	-0.7	0.8	6502329	-0.8	
28	28.079	1434.6	-3.6	-2.9	0.3	-1.3	0.9	6176254	-1.2	
28	27.779	1434.6	-3.3	-3.2	0.2	-0.4	1	5948154	-1.5	
28	27.479	1434.5	-3.7	-3.6	0.2	-1.7	1	5799862	-1.8	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
28	27.179	1434.6	-3.5	-3.6	0.2	-2	1	5720629	-2.4	
28	26.879	1434.7	-2.8	-3	0.1	-1.5	1.1	5752061	-2.8	
28	26.579	1434.8	-3.4	-4.4	0.2	-2.9	1.2	5848464	-3.2	
28	26.279	1434.7	-3.2	-4.5	0.3	-2.5	1.1	6068841	-3.4	
28	25.979	1434.5	-3.7	-4.5	0.3	-3.4	1	6462192	-3.6	
28	25.679	1434.1	-3.5	-4.7	0.3	-3.3	0.7	7049664	-3.9	
28	25.379	1433.5	-4	-5.2	0	-3.8	0.4	7900944	-3.9	
28	25.079	1432.8	-3.6	-5	-0.5	-3.1	0	9183114	-3.9	
28	24.779	1432.4	-4.1	-4.6	-0.9	-3.7	-0.1	11078042	-3.8	
28	24.479	1432.2	-4.1	-4.5	-1.1	-4	-0.2	14052014	-3.9	
28	24.179	1431.9	-3.5	-3.7	-1.4	-3.5	-0.3	18694197	-3.8	
28	23.879	1431.6	-4.4	-5.4	-1.6	-3.9	-0.4		-3.7	
28	23.579	1431.5	-3.9	-4.7	-1.5	-3.1	-0.4		-3.6	
28	23.279	1431.6	-4.5	-4.5	-1.3	-3.7	-0.3		-3.5	
28	22.979	1431.7	-4.8	-5.5	-1.1	-3.1	-0.2		-3.2	
28	22.679	1432	-5.1	-5.1	-0.8	-3.8	0		-2.9	
28	22.379	1432.2	-4.9	-5.1	-0.4	-2.7	0.1		-2.7	
28	22.079	1432.4	-5.3	-4.8	0	-3.2	0		-2.6	
28	21.779	1432.4	-4.2	-3.4	0.1	-2.2	-0.1		-2.6	
28	21.479	1432.5	-5.2	-4.1	0.3	-2.4	-0.1		-2.1	
28	21.179	1432.4	-5.1	-3.6	0.2	-2.2	-0.2	17303719	-1.4	
28	20.879	1432.3	-5.2	-3.3	0.2	-1.3	-0.2	13508065	-0.4	
28	20.579	1432.5	-5.8	-3.7	0.2	-1.2	0	11136968	0.4	
28	20.279	1432.8	-4.9	-2.7	0.1	0.9	0.3	9693287	1.3	
28	19.979	1432.7	-5.6	-2.8	-0.5	0.8	0.5	8947650	2.3	
28	19.679	1432.6	-5.2	-2.7	-1	2.4	0.7	8545919	3.2	
28	19.379	1432.9	-5.7	-3.1	-1	1.9	1	8476721	3.9	
28	19.079	1433.1	-5.5	-2.7	-1.1	2.6	1.2	8545919	3.9	
28	18.779	1433.2	-4.6	-1.3	-1.1	3.3	1.3	8797269	3.5	
28	18.479	1433.1	-4	-0.5	-1.2	2.9	1.3	9143013	2.7	
28	18.179	1433	-3.6	0.4	-1	2.8	1.1	9604358	1.8	
28	17.879	1432.9	-3.9	-0.3	-1	1	0.9	10066106	0.6	
28	17.579	1433.1	-3.3	1.5	-0.4	1.3	0.7	10365099	-0.4	
28	17.279	1433.4	-3.5	0.5	0.2	-0.6	0.6	10468750	-1.5	
28	16.979	1433.5	-3.1	0.6	0.4	-0.8	0.5	10416667	-2.5	
28	16.679	1433.5	-3.2	0.9	0.4	-2.1	0.4	10314040	-3.4	
28	16.379	1433.7	-3.6	0.3	0.7	-3.4	0.3	10213415	-4.2	
28	16.079	1433.7	-3.2	0.5	1	-4.2	0.1	10114734	-4.6	
28	15.779	1433.4	-3.4	0.4	0.8	-4.5	0	10066106	-4.5	
28	15.479	1433.2	-3.8	-0.2	0.9	-4.8	-0.1	9970238	-4.3	
28	15.179	1432.8	-4.3	-1	0.5	-5.4	-0.3	9922986	-4.1	
28	14.879	1432.6	-3.5	0.2	0.3	-4.1	-0.4	9876179	-3.9	
28	14.579	1432.4	-3.9	-0.4	0	-4.6	-0.5	9970238	-3.7	
28	14.279	1432.3	-3.4	-0.6	-0.2	-4	-0.5	10163835	-3.4	
28	13.979	1432.2	-4.2	-0.8	-0.5	-4	-0.6	10416667	-3	
28	13.679	1432.1	-3.3	-0.1	-0.7	-3.1	-0.7	10682398	-2.8	
28	13.379	1432.1	-3.2	0.5	-0.8	-3.1	-0.6	10962042	-2.6	
28	13.079	1432	-2.7	0.8	-1.1	-2.3	-0.5	11317568	-2.6	
28	12.779	1432.1	-2.6	1.4	-1	-1.9	-0.2	11696928	-2.6	
28	12.479	1432	-3	0.6	-1	-2.6	0	12102601	-2.6	
28	12.179	1432.3	-2.9	1.2	-0.8	-2.5	0.3	12389053	-2.5	
28	11.879	1432.6	-2.5	1.6	-0.5	-2.8	0.6	12537425	-2.8	
28	11.579	1432.9	-2.7	0.8	-0.5	-2.4	1	12389053	-2.8	
28	11.279	1433.3	-2.8	1.6	-0.2	-2.8	1.2	12033046	-2.8	
28	10.979	1433.7	-2	1.9	-0.2	-2.1	1.5	11504121	-2.8	
28	10.679	1434	-2.3	2.2	0	-2.7	1.6	10848446	-2.5	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
28	10.379	1433.8	-2.2	2.6	-0.1	-2.5	1.4	10263481	-2.2	
28	10.079	1433.4	-2.4	2.7	-0.3	-2.5	1	9783879	-1.8	
28	9.779	1433.2	-1.9	3	-0.4	-1.9	0.6	9347098	-1.5	
28	9.479	1432.7	-1.6	3.7	-0.5	-1.5	0.1	8986052	-1	
28	9.179	1432.7	-2	2.2	-0.5	-1.5	-0.1	8687760	-0.5	
28	8.879	1432.6	-2.2	3	-0.5	-1.2	-0.3	8442541	0	
28	8.579	1432.8	-2.1	3	-0.5	-1.2	-0.3	8308532	0.3	
28	8.279	1432.8	-1.5	3.7	-0.7	-0.5	-0.3	8178711	0.4	
28	7.979	1433	-1.1	4.7	-0.6	-0.3	-0.1	8052885	0.3	
28	7.679	1433.4	-0.3	4.6	-0.4	0.4	0.4	7900944	0.1	
28	7.379	1433.6	-0.1	5.5	-0.5	-0.2	0.8	7726015	-0.1	
28	7.079	1433.6	0.4	5.6	-0.4	-0.4	1.1	7531475	-0.7	
28	6.779	1433.6	0.7	6.4	-0.6	-0.5	1.3	7398410	-1.1	
28	6.479	1433.6	0.9	6.4	-0.7	-0.8	1.4	7219828	-1.9	
28	6.179	1433.5	0.9	5.5	-0.8	-1.2	1.3	7026007	-2.2	
28	5.879	1433.5	1.2	5.2	-0.7	-1.8	1.1	6797890	-2.7	
28	5.579	1433.5	1.2	4.8	-0.6	-2	0.9	6542969	-3	
28	5.279	1433.5	1.3	5.2	-0.1	-2.5	0.5	6306476	-3.2	
28	4.979	1433.4	2	5.3	0.1	-2.1	0.1	6068841	-3.5	
28	4.679	1433.2	1.7	5.2	0.4	-2.6	-0.3	5832173	-3.5	
28	4.379	1433.1	2.3	5.4	0.9	-2	-0.6	5628360	-3.6	
28	4.079	1433.2	1.7	4.9	1.5	-2.7	-0.8	5452474	-3.4	
28	3.779	1433.3	2	5.6	2	-2.1	-0.9	5327608	-3.4	
28	3.479	1433.4	2.1	5.3	2.3	-1.9	-0.9	5221322	-3.3	
28	3.179	1433.3	1.5	4.9	2.2	-2.4	-0.9	5157020	-3.3	
28	2.879	1432.9	1.5	5.3	1.5	-2.2	-0.8	5144349	-3.1	
28	2.579	1432.7	1.2	5.5	1	-2.8	-0.6	5208334	-3	
28	2.279	1432.5	1.3	4.8	0.5	-2.3	-0.3	5314087	-2.9	
28	1.979	1431.9	0.8	4.7	-0.3	-2.8	-0.2	5466710	-2.8	
28	1.679	1431.4	1.2	4.6	-1.5	-2.1	0.1	5674120	-2.6	
28	1.379	1430.9	0.5	4.7	-2.6	-2.2	0.4	5914548	-2.3	
28	1.079	1430.5	0.2	3.5	-3.2	-3	0.6	6176254	-1.8	
28	0.779	1430.5	0.1	3.3	-3.6	-1.8	0.9	6482198	-1.5	
28	0.479	1430.8	-0.1	2.6	-3.3	-2.1	1.1	6797890	-1.5	
28	0.179	1431.1	0.1	2.7	-3.1	-1.4	1.3	7002509	-1.2	
27	999.879	1431.4	-0.2	2.8	-3	-1.7	1.5	7073480	-0.9	
27	999.579	1431.8	-0.6	2.3	-2.4	-1.2	1.6	7049664	-0.5	
27	999.279	1432.3	-0.3	2.2	-1.9	-1.1	1.8	6979167	-0.2	
27	998.979	1432.8	-1.2	1.5	-1.4	-2	1.9	7002509	-0.1	
27	998.679	1432.8	0.7	3.5	-1.1	0.1	1.7	7073480	-0.2	
27	998.379	1433	-0.6	1.4	-0.7	-0.9	1.7	7269965	-0.3	
27	998.079	1433.1	-0.5	1.8	-0.6	-1	1.5	7558664	-0.6	
27	997.779	1433.2	-0.7	1.5	-0.5	-1	1.4	8052885	-0.7	
27	997.479	1433.2	0	2.4	-0.3	-0.3	1.3	8909575	-0.9	
27	997.179	1433.4	-0.5	1.4	-0.3	-0.9	1.3	10163835	-1.2	
27	996.879	1433.4	0.1	1.7	-0.1	-0.4	1	11829096	-1.9	
27	996.579	1433.8	0.9	2.9	0	0.1	1.1	13865894	-2.7	
27	996.279	1433.8	0.7	2.9	0.1	-1.2	1.1	16230620	-3.1	
27	995.979	1433.6	-0.1	2	-0.2	-1.7	1.1	18366228	-3.2	
27	995.679	1433.6	0	1.5	-0.3	-1.5	1.2	19567757	-3.3	
27	995.379	1433.5	-0.8	0.3	-0.2	-2.9	1.1	19567757	-3.8	
27	995.079	1433	-0.9	-0.6	-0.4	-3.1	1	18049569	-3.9	
27	994.779	1433	-1	-0.9	-0.4	-3.1	1	15861743	-3.9	
27	994.479	1432.7	-2.5	-2.9	-0.4	-4.6	0.8	13508065	-3.6	
27	994.179	1432.6	-2.6	-3.3	-0.5	-5	0.7	11441257	-3.1	
27	993.879	1432.3	-3	-3.9	-0.4	-4.9	0.3	9829812	-2.6	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
27	993.579	1432.3	-2.6	-3.5	-0.1	-3.3	0.1	8580943	-2	
27	993.279	1432.3	-3.1	-4.3	0	-3.4	-0.1	7641424	-1.5	
27	992.979	1432	-2.7	-3.9	-0.1	-1.7	-0.4	6932947	-0.8	
27	992.679	1431.6	-3.5	-4.8	-0.3	-1.9	-0.7	6422546	-0.2	
27	992.379	1431.4	-3	-5	-0.7	-0.4	-0.8	6068841	0.4	
27	992.079	1431.2	-3	-4.7	-1	0.5	-0.8	5848464	0.5	
27	991.779	1431.1	-2.3	-4.6	-1	0.8	-0.8	5674120	0	
27	991.479	1431.1	-2.1	-3.8	-1.1	1.2	-0.5	5583334	-0.4	
27	991.179	1431	-2.5	-4.5	-1.2	-0.5	-0.3	5539021	-1	
27	990.879	1431.2	-2.4	-4.5	-0.9	-0.2	-0.1	5524407	-1.4	
27	990.579	1431.5	-2.8	-4.3	-0.4	-1.2	0.1	5568484	-1.7	
27	990.279	1432.2	-2.6	-4.1	0.2	-0.3	0.5	5628360	-1.9	
27	989.979	1432.7	-3.4	-4.6	0.7	-2	0.7	5720629	-1.9	
27	989.679	1433.2	-3.5	-4.8	1.3	-1.7	0.7	5815972	-1.8	
27	989.379	1433.3	-3.7	-4.5	1.7	-1.8	0.4	5914548	-1.4	
27	989.079	1433.1	-4.4	-5.6	1.9	-1.9	-0.2	6051301	-0.8	
27	988.779	1432.7	-3.5	-4	1.7	-0.1	-0.6	6212908	0	
27	988.479	1432.1	-4.2	-4.4	1.4	-0.3	-1.1	6325529	0.7	
27	988.179	1431.7	-3.9	-4	1	0.7	-1.4	6402905	1.1	
27	987.879	1431.4	-4.8	-4.7	0.7	0	-1.8	6422546	1.3	
27	987.579	1431.2	-3.6	-3.7	0.6	1.3	-2.1	6422546	0.9	
27	987.279	1431.1	-4.2	-4	0.5	0.5	-2.1	6402905	0.7	
27	986.979	1431.3	-4.3	-3.7	0.5	0.6	-1.8	6422546	0.5	
27	986.679	1431.8	-4.5	-4.2	0.6	0.7	-1.3	6383384	-0.1	
27	986.379	1432.1	-4.3	-3.1	0.6	-0.9	-0.8	6383384	-1	
27	986.079	1432.4	-3.9	-4.6	0.7	-0.5	-0.2	6402905	-1.7	
27	985.779	1432.7	-4.2	-3.6	0.7	-1.9	0.4	6482198	-2.5	
27	985.479	1432.8	-4.3	-3.8	0.7	-2.5	0.9	6667994	-3.1	
27	985.179	1432.6	-4.6	-3.9	0.4	-3.1	1.4	6932947	-3.5	
27	984.879	1432.2	-4.4	-4.4	0	-3.2	1.7	7269965	-4.2	
27	984.579	1431.9	-5.1	-4.6	-0.6	-3.7	2	7697610	-4.5	
27	984.279	1431.9	-6.1	-6.2	-1.2	-4.4	2.2	8178711	-4.6	
27	983.979	1431.8	-5.3	-6.2	-1.7	-4.1	2.2	8723959	-4.7	
27	983.679	1431.7	-6	-6.7	-2.3	-4.4	2.2	9183114	-4.7	
27	983.379	1431.5	-5.6	-5.5	-2.6	-3.8	2.1	9560502	-4.8	
27	983.079	1431	-4.9	-4.9	-3.1	-3	1.9	9829812	-4.7	
27	982.779	1430.4	-6.3	-5.5	-3.5	-4.1	1.6	9876179	-4.6	
27	982.479	1429.9	-6.6	-5.7	-3.5	-4.5	1.3	9648618	-4.3	
27	982.179	1429.7	-7.5	-6.5	-3.2	-4.1	1	9264381	-3.8	
27	981.879	1430.1	-8.1	-5.6	-2.6	-3.5	0.9	8797269	-3.5	
27	981.579	1430.5	-7.4	-4.8	-2	-3	0.7	8341634	-3.4	
27	981.279	1431.1	-8.7	-5.7	-1.4	-3.3	0.7	7961027	-3	
27	980.979	1431.4	-9	-6.4	-1	-3.2	0.7	7613637	-2.7	
27	980.679	1431.6	-8.9	-5.8	-0.6	-2.8	0.6	7320804	-2.4	
27	980.379	1432	-9.1	-6.4	0	-2.4	0.7	7121599	-2.3	
27	980.079	1432	-8.4	-4.9	0.3	-1.1	0.7	7049664	-2.2	
27	979.779	1431.9	-9.4	-6.4	0	-1.2	0.9	7049664	-2	
27	979.479	1431.8	-10.1	-7.1	-0.3	-1.6	1	7049664	-1.8	
27	979.179	1431.8	-10.4	-8.1	-0.5	-2.1	1	6979167	-1.8	
27	978.879	1431.8	-10.8	-8.7	-0.6	-1.2	1	6754032	-1.7	
27	978.579	1431.8	-11.3	-8.8	-0.7	-1.7	1.1	6422546	-1.7	
27	978.279	1432.1	-12.1	-9.7	-0.7	-2.1	1.3	5982143	-1.9	
27	977.979	1432.2	-11.6	-8.8	-0.7	-2.2	1.4	5481021	-2.1	
27	977.679	1432.2	-12.4	-9.8	-0.5	-3.2	1.4	4938090	-2.3	
27	977.379	1432.4	-12.8	-9.4	-0.1	-3.7	1.4	4407895	-2.8	
27	977.079	1432.2	-12.5	-9	0	-3.8	1.2	3943032	-3.3	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
27	976.779	1432	-12.7	-9	-0.1	-3.7	1.2	3572953	-3.6	
27	976.479	1431.8	-14	-9.6	-0.3	-5.4	1.1	3292060	-3.8	
27	976.179	1431.5	-13.7	-10.2	-0.6	-4.9	1	3083579	-3.9	
27	975.879	1431.4	-14.9	-10.7	-0.6	-6.1	0.7	2932424	-3.9	
27	975.579	1431	-14	-10.1	-0.7	-4.8	0.3	2825574	-3.8	
27	975.279	1430.6	-14.5	-9.7	-0.9	-4.4	-0.1	2754935	-3.5	
27	974.979	1430.4	-14.3	-10.7	-1.2	-3.7	-0.4	2712112	-3.2	
27	974.679	1430.1	-14	-9.8	-1.4	-2.5	-0.6	2684295	-2.3	
27	974.379	1430.1	-14.8	-10.5	-1.5	-2.6	-0.8	2667198	-1.7	
27	974.079	1430.2	-14.1	-9.6	-1.4	-0.4	-0.9	2646966	-1.1	
27	973.779	1430.3	-14.1	-9.8	-1.3	-0.5	-0.9	2613921	-0.9	
27	973.479	1430.4	-13.4	-9.5	-1.4	1	-0.8	2572175	-0.8	
27	973.179	1430.6	-14.4	-10.2	-1.1	-0.6	-0.7	2519555	-0.6	
27	972.879	1431	-14.9	-10.6	-0.6	-0.8	-0.5	2457454	-0.6	
27	972.579	1431.5	-14.9	-10.3	-0.2	-1	-0.2	2387401	-0.5	
27	972.279	1432	-15.1	-10.7	0.4	-1.8	0.1	2310983	-0.5	
27	971.979	1432.7	-15	-9.9	0.8	-1.2	0.4	2236913	-0.5	
27	971.679	1433.1	-15.5	-9.4	1	-2.5	0.5	2169690	-0.5	
27	971.379	1433.5	-15.3	-10	1.1	-2.5	0.7	2110636	-0.4	
27	971.079	1433.9	-15.5	-9.5	1.2	-3.2	0.9	2062809	-0.2	
27	970.779	1433.9	-14.9	-9.3	1.1	-2.3	1	2024904	-0.1	
27	970.479	1433.6	-14.8	-9.9	0.7	-1.9	0.9	2003589	0.1	
27	970.179	1433.4	-14.4	-8.1	0.3	-1.7	0.8	1997854	0.2	
27	969.879	1433	-13.5	-6.9	-0.4	-1.1	0.7	2003589	0.2	
27	969.579	1433	-13.8	-6.3	-0.8	-1.7	0.7	2024904	0.3	
27	969.279	1433	-12.9	-4.8	-1	-0.2	0.7	2054711	0.2	
27	968.979	1433.1	-12.2	-4.8	-1.2	-0.5	0.8	2089572	0	
27	968.679	1433.2	-11.6	-2.9	-1.4	-0.4	1	2127795	-0.3	
27	968.379	1433.1	-10.9	-1.9	-1.7	-0.6	1.3	2167444	-0.6	
27	968.079	1433	-10.6	-1.7	-1.9	-0.9	1.8	2208598	-0.8	
27	967.779	1433.1	-10.1	-1	-2.1	-0.7	2.4	2246514	-1	
27	967.479	1433.4	-9.4	-1	-1.9	-1.2	3	2273345	-1.5	
27	967.179	1433.4	-8.6	0.8	-2.2	-0.9	3.5	2293265	-1.8	
27	966.879	1433.5	-9.4	0.7	-2.2	-2.4	3.7	2298299	-1.9	
27	966.579	1433.5	-8.1	2.3	-2.4	-2.1	3.7	2295779	-2.2	
27	966.279	1433.3	-7.5	3.3	-2.5	-2	3.5	2285754	-2.4	
27	965.979	1433.1	-6.9	4.4	-2.6	-2	3.3	2268419	-2.7	
27	965.679	1432.6	-6.2	5.9	-3.1	-1.4	3.1	2232144	-2.9	
27	965.379	1432.2	-6.4	5.2	-3.3	-2.8	2.8	2174196	-3.2	
27	965.079	1431.7	-5.9	6.5	-3.6	-2.7	2.6	2106389	-3.5	
27	964.779	1431.3	-5.1	7.7	-3.9	-2.2	2.5	2030796	-3.8	
27	964.479	1431.1	-4.8	7.7	-4.1	-1.9	2.5	1951306	-4.2	
27	964.179	1431.2	-4.3	8.4	-4.3	-1.8	2.8	1871091	-4.5	
27	963.879	1431.5	-4.1	9.9	-4.4	-2.4	3.2	1795670	-4.8	
27	963.579	1431.8	-4.2	9.5	-4.4	-2.9	3.5	1726093	-5	
27	963.279	1432.1	-4.7	10.2	-4.2	-3.4	3.8	1666999	-4.9	
27	962.979	1432.2	-3.5	10.5	-4	-2.5	4	1619297	-4.9	
27	962.679	1432	-3.9	10.6	-3.9	-3	4.1	1581383	-4.6	
27	962.379	1432	-4.8	9.5	-3.7	-4.4	4.2	1552077	-4	
27	962.079	1431.8	-4.7	9.3	-3.5	-3.7	4	1531640	-3.4	
27	961.779	1431.9	-6	8.8	-3.2	-4.8	3.8	1517211	-2.6	
27	961.479	1432	-5.4	8.7	-2.7	-3.6	3.4	1506296	-1.9	
27	961.179	1432.2	-5.7	8.4	-2.2	-3.5	3	1498748	-1.1	
27	960.879	1432.4	-6.1	7.3	-1.7	-3.4	2.6	1492339	-0.6	
27	960.579	1432.1	-5.3	9.1	-1.1	-2.5	1.7	1485984	-0.2	
27	960.279	1432	-5.2	9.7	-0.3	-3.2	1	1475512	-0.4	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
27	959.979	1431.8	-3.8	11.1	0	-1.8	0.4	1462117	-0.7	
27	959.679	1431.5	-3.9	11.2	0.5	-1.5	-0.2	1446960	-0.8	
27	959.379	1431.4	-3.2	11.8	0.7	-1.1	-0.5	1431136	-1	
27	959.079	1431.2	-3.4	12.1	0.7	-1.6	-0.7	1413742	-1.2	
27	958.779	1431.1	-2.4	12.9	0.6	-1.4	-0.8	1396766	-1.6	
27	958.479	1431	-1.9	13.6	0.4	-1.4	-0.7	1382014	-2	
27	958.179	1430.8	-2.5	12.4	-0.2	-2.6	-0.5	1370256	-2.2	
27	957.879	1430.6	-0.9	13.9	-1	-1.3	-0.2	1362233	-2.4	
27	957.579	1430.7	-0.6	13.8	-1.5	-1.1	0.3	1358697	-2.2	
27	957.279	1430.5	-1.6	11.9	-2.1	-1.6	0.6	1360462	-1.9	
27	956.979	1430.5	-0.2	13.6	-2.6	-0.4	1	1366679	-1.6	
27	956.679	1430.4	-0.5	12.4	-3.2	-0.2	1.3	1374755	-1.3	
27	956.379	1430.3	0.6	12.8	-3.5	0	1.5	1382014	-1.2	
27	956.079	1430.2	1.2	12.8	-3.9	0.7	1.7	1388430	-1.1	
27	955.779	1430.8	1.1	12	-3.7	1	2.2	1393976	-0.9	
27	955.479	1431.5	1.1	11.7	-3.4	0.2	2.8	1399567	-0.9	
27	955.179	1431.9	0.4	10.5	-3.4	-1	3	1405202	-1	
27	954.879	1432.5	0.2	9.6	-2.9	-1.1	3.3	1410884	-1.3	
27	954.579	1432.9	0.5	9.1	-2.7	-1.8	3.6	1417570	-1.6	
27	954.279	1433.4	0.3	9.7	-2.3	-2.4	3.8	1426261	-2.1	
27	953.979	1433.5	1.3	9.4	-2	-2.2	3.8	1439994	-2.4	
27	953.679	1433.7	0.7	8.2	-1.8	-3.4	3.8	1458044	-2.6	
27	953.379	1433.7	1	7.9	-1.7	-3.6	3.5	1480729	-2.8	
27	953.079	1433.7	1	7.2	-1.5	-3.3	3	1508466	-3	
27	952.779	1433.8	1.4	7.8	-1.2	-3	2.6	1540656	-3.2	
27	952.479	1433.7	1.6	7.5	-1.3	-2.8	2.3	1575434	-3.4	
27	952.179	1433.5	1.5	6.6	-1.2	-2.8	1.9	1614303	-3.4	
27	951.879	1433.3	1.8	6.6	-1.4	-2.6	1.7	1652527	-3.4	
27	951.579	1433.2	1.6	5.9	-1.4	-2.9	1.5	1691237	-3.4	
27	951.279	1433.1	1.9	6	-1.6	-2.5	1.4	1728944	-3.4	
27	950.979	1433	2.5	6.7	-1.7	-1.7	1.5	1763901	-3.3	
27	950.679	1432.9	1.5	6.2	-1.9	-2.3	1.6	1797211	-3.2	
27	950.379	1432.9	2.1	5.6	-2.3	-1.8	1.9	1817492	-3.2	
27	950.079	1432.8	1.9	5.8	-2.6	-1.9	2.1	1831803	-3	
27	949.779	1432.7	1.3	6.1	-2.7	-2.2	2.2	1836624	-2.9	
27	949.479	1432.7	1.7	6.4	-2.8	-1.9	2.3	1828603	-2.8	
27	949.179	1432.7	0.9	6.9	-3	-2.5	2.5	1812771	-2.7	
27	948.879	1432.8	1.3	6.7	-3.1	-2.2	2.6	1789531	-2.7	
27	948.579	1432.7	0.8	6.5	-3.4	-2.8	2.6	1760934	-2.4	
27	948.279	1432.7	0.3	6.4	-3.5	-2.5	2.6	1727517	-2.1	
27	947.979	1432.8	0.1	5.4	-3.6	-2.8	2.7	1692604	-1.9	
27	947.679	1432.9	0	5.2	-3.6	-2.8	2.8	1659074	-1.8	
27	947.379	1432.9	-0.2	3.6	-3.7	-2.4	2.8	1630647	-1.6	
27	947.079	1433.1	-0.2	3.7	-3.5	-2.6	2.8	1606870	-1.6	
27	946.779	1433.2	-0.2	3	-3.5	-2.3	2.8	1589788	-1.6	
27	946.479	1433.6	-0.3	3.1	-3.2	-2.7	2.9	1576620	-1.5	
27	946.179	1433.9	-0.2	2.2	-2.8	-2.2	2.8	1564837	-1.4	
27	945.879	1434.3	0	1.9	-2.2	-2	2.7	1554381	-1.4	
27	945.579	1434.5	0	2.5	-1.8	-2	2.5	1547488	-1.3	
27	945.279	1434.6	0.1	1	-1.5	-1.6	2.2	1544064	-1.1	
27	944.979	1434.8	-0.1	0.5	-1	-1.7	2	1540656	-1	
27	944.679	1434.9	0	1.6	-0.8	-1.3	1.8	1538392	-0.9	
27	944.379	1435.1	0.1	0.3	-0.3	-1.3	1.6	1538392	-0.9	
27	944.079	1435.1	0.5	1	-0.1	-0.7	1.4	1538392	-0.8	
27	943.779	1435.1	0.5	-0.1	-0.1	-0.7	1.4	1539523	-0.8	
27	943.479	1435	0.9	-0.3	-0.2	-0.7	1.3	1542927	-1	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
27	943.179	1434.9	1.3	0.2	-0.1	-0.5	1.2	1546345	-1.1	
27	942.879	1434.8	1.2	0.1	-0.1	-0.6	1.1	1547488	-1.3	
27	942.579	1434.7	1.4	1	-0.1	-0.1	1.1	1547488	-1.5	
27	942.279	1434.6	1.1	0.9	0	-1	1	1547488	-1.7	
27	941.979	1434.3	1.2	0.7	-0.3	-0.9	1	1545204	-2	
27	941.679	1434.1	1.1	0.8	-0.4	-1.2	0.9	1541790	-2.4	
27	941.379	1433.8	1.1	-0.2	-0.5	-1.2	0.7	1535008	-2.7	
27	941.079	1433.5	1.2	0.5	-0.5	-1.4	0.6	1524946	-3	
27	940.779	1433.1	1.5	0.5	-0.7	-1.6	0.4	1512826	-3.3	
27	940.479	1432.9	0.9	-0.1	-0.9	-2.2	0.4	1496606	-3.4	
27	940.179	1432.5	0.2	-1.2	-0.9	-3.7	0.1	1479683	-3.4	
27	939.879	1432.3	0.8	-0.8	-1.1	-3.2	0.1	1462117	-2.8	
27	939.579	1432.2	0.2	-1.3	-1.1	-3.4	0.3	1443967	-2.2	
27	939.279	1432.1	-0.6	-2.4	-1.1	-3.4	0.5	1428207	-1.2	
27	938.979	1432.1	-1.3	-2.9	-1.2	-3.6	0.8	1415654	-0.4	
27	938.679	1431.8	-1.7	-3.6	-1.6	-3.4	1.1	1406146	0.6	
27	938.379	1432	-1.7	-4.2	-1.7	-2.9	1.6	1399567	1.4	
27	938.079	1431.9	-1.7	-3.2	-2.2	-2.5	2	1396766	1.6	
27	937.779	1431.9	-0.3	-2.4	-2.6	-1.2	2.3	1398632	1.1	
27	937.479	1432	1.2	-0.7	-2.9	-0.9	2.5	1405202	0	
27	937.179	1431.7	1.5	0.2	-3.3	-2	2.5	1414697	-0.9	
27	936.879	1431.3	2.1	0.4	-3.7	-1.6	2.4	1426261	-1.7	
27	936.579	1431.2	2.8	1.9	-4.1	-1.6	2.4	1437029	-2.4	
27	936.279	1431.2	3.4	2.1	-4.1	-1.9	2.5	1447961	-3.2	
27	935.979	1431.2	3.7	2.9	-4.4	-2.3	2.6	1458044	-3.8	
27	935.679	1431.4	3.9	3.6	-4.2	-3	2.8	1466213	-4.2	
27	935.379	1431.9	3.8	3.7	-4	-3.5	3.1	1471364	-4.3	
27	935.079	1432.5	3.5	3.5	-3.6	-5	3.3	1472399	-4.2	
27	934.779	1432.9	5	5.2	-3.2	-3.5	3.5	1470331	-3.8	
27	934.479	1433.2	4.7	4.9	-2.8	-4	3.6	1466213	-3.2	
27	934.179	1433.7	5.3	5.5	-2.4	-3.2	3.8	1462117	-2.9	
27	933.879	1433.8	6	6.3	-2.2	-2.7	3.7	1459060	-2.8	
27	933.579	1433.9	6.2	6.4	-2	-2.6	3.5	1457030	-2.7	
27	933.279	1433.7	7.1	7.1	-2	-1.5	3.2	1453994	-2.5	
27	932.979	1433.7	6.3	6.3	-2.1	-2.1	2.9	1449966	-2.5	
27	932.679	1433.7	7.5	7.4	-2.2	-0.8	2.6	1445961	-2.6	
27	932.379	1433.6	8	8.1	-2.1	-0.9	2.3	1441978	-2.7	
27	932.079	1433.5	8.9	8.9	-2.1	0.4	2.1	1437029	-2.9	
27	931.779	1433.4	8.5	8.4	-2.3	-0.3	2	1431136	-3	
27	931.479	1433.5	8.4	7.9	-2.3	-0.5	2.1	1423353	-3.1	
27	931.179	1433.6	8.4	7.9	-2.3	-0.4	2.3	1412788	-3	
27	930.879	1433.6	8.3	7.4	-2.4	0	2.6	1402379	-3	
27	930.579	1433.8	8.1	6.8	-2.6	0.3	3.1	1393976	-2.9	
27	930.279	1434	8	6.8	-2.6	0	3.5	1388430	-2.9	
27	929.979	1433.9	7.3	5.9	-3	-0.4	3.8	1382927	-2.7	
27	929.679	1433.9	6.6	5.5	-3.1	-1.1	4	1380192	-2.6	
27	929.379	1433.7	6.4	5.2	-3.2	-0.4	3.9	1382014	-2.4	
27	929.079	1433.6	5.6	4.5	-3.5	-0.8	3.8	1387509	-2.3	
27	928.779	1433.4	5.4	4.3	-3.9	-0.3	3.6	1396766	-2.1	
27	928.479	1433.2	3.5	2.3	-3.8	-2.1	3.3	1408985	-1.8	
27	928.179	1432.8	3.6	2.1	-3.8	-1.1	2.9	1423353	-1.6	
27	927.879	1432.6	2.7	1.8	-3.6	-1.6	2.5	1437029	-1.4	
27	927.579	1432.5	2	1.8	-3.1	-1.4	2.1	1449966	-1.3	
27	927.279	1432.5	1.4	0.6	-2.7	-1.5	1.8	1458044	-1.3	
27	926.979	1432.7	0.4	0.2	-2.3	-2.1	1.6	1462117	-1.4	
27	926.679	1433.2	-0.2	0.4	-1.7	-2.1	1.7	1462117	-1.3	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
27	926.379	1433.7	-1.1	0.2	-1.1	-2.9	1.8	1460078	-1.4	
27	926.079	1433.7	-0.7	1	-1	-2	1.8	1458044	-1.7	
27	925.779	1433.6	-1.9	-0.2	-1	-3.5	1.9	1459060	-2	
27	925.479	1433.4	-2.2	-0.5	-1.2	-3	2	1464162	-2.3	
27	925.179	1433.2	-3	-2.7	-1.5	-3.7	2.1	1474473	-2.6	
27	924.879	1433	-3.3	-4.5	-1.9	-3.7	2.2	1490215	-2.9	
27	924.579	1433	-4.1	-5.6	-2	-4.4	2.2	1511734	-3.2	
27	924.279	1432.8	-4.4	-6.5	-2.2	-4.2	2	1537262	-3.7	
27	923.979	1432.6	-4.6	-7.4	-2.5	-4.5	1.7	1564837	-4	
27	923.679	1432.6	-4.2	-7.6	-2.3	-4.5	1.6	1590996	-4.4	
27	923.379	1432.6	-4.4	-8.1	-2.1	-4	1.6	1611818	-4.5	
27	923.079	1432.7	-5.7	-9.6	-1.7	-5	1.6	1624322	-4.5	
27	922.779	1432.7	-5.7	-9.5	-1.3	-5	1.5	1628111	-4.7	
27	922.479	1432.8	-6.4	-9.9	-1	-5.3	1.5	1621806	-4.5	
27	922.179	1432.9	-6.3	-11.3	-0.9	-4.5	1.5	1606870	-4.1	
27	921.879	1432.9	-7.5	-12.2	-0.8	-5.8	1.6	1587378	-3.4	
27	921.579	1433	-7	-12.3	-0.6	-4.7	1.7	1569529	-2.8	
27	921.279	1432.9	-7.5	-13.5	-0.8	-5.1	1.8	1560172	-2.1	
27	920.979	1432.5	-7.9	-14.1	-1.1	-5	1.7	1560172	-1.5	
27	920.679	1432.1	-8.2	-15.3	-1.2	-4	1.3	1571885	-0.7	
27	920.379	1431.8	-7.8	-14.1	-1.4	-3.5	1	1597064	-0.2	
27	920.079	1431.5	-7.8	-15.3	-1.6	-2.2	0.7	1634466	0.3	
27	919.779	1431.5	-7.6	-15.6	-1.7	-2.9	0.4	1681728	0.5	
27	919.479	1431.4	-5.7	-14.6	-1.6	-0.5	0.1	1736112	0.1	
27	919.179	1431.2	-5.6	-14.1	-1.8	-1.5	-0.1	1788003	-0.5	
27	918.879	1431.2	-4.8	-13.2	-1.7	-1.3	-0.2	1831803	-1.2	
27	918.579	1431.2	-4.5	-12.9	-1.5	-1.2	-0.2	1859459	-1.6	
27	918.279	1431.4	-4.1	-12.4	-1.4	-1.7	0.1	1871091	-2.2	
27	917.979	1431.7	-3.4	-11.5	-1.3	-1.2	0.6	1867753	-2.7	
27	917.679	1432.1	-4.3	-12.3	-1.2	-3	1	1856162	-3	
27	917.379	1432.8	-2.1	-9.4	-1.2	-1.1	1.7	1836624	-3.5	
27	917.079	1433	-2.7	-9.3	-1.2	-3	2.1	1812771	-3.4	
27	916.779	1433.2	-2.2	-8.6	-1.1	-2.5	2.4	1791062	-3.2	
27	916.479	1433.3	-2	-7.6	-1.3	-2.1	2.6	1777378	-2.8	
27	916.179	1433.4	-1.9	-7.3	-1.3	-1.9	2.7	1775870	-2.6	
27	915.879	1433.2	-1.1	-4.6	-1.6	-1.1	2.5	1781916	-2.4	
27	915.579	1433	-1.9	-5.5	-1.7	-1.7	2.3	1795670	-1.9	
27	915.279	1433	-0.7	-3.4	-1.9	0.4	2.1	1812771	-1.8	
27	914.979	1433	-1.3	-3.3	-2.1	-1	1.8	1835014	-1.7	
27	914.679	1432.9	-0.4	-1.8	-2.2	0.4	1.5	1862768	-1.6	
27	914.379	1432.7	-0.2	-0.6	-2.4	0.3	1.3	1891374	-1.6	
27	914.079	1432.8	-0.6	-0.4	-2.4	0.6	1.4	1913849	-1.5	
27	913.779	1432.8	-0.7	0.4	-2.4	0.4	1.5	1927947	-1.6	
27	913.479	1433.1	-0.7	0	-2.2	0.2	1.8	1936865	-1.6	
27	913.179	1433.2	-0.9	1	-2.3	0	2.2	1942255	-1.6	
27	912.879	1433.4	-1.4	0.8	-2.4	-0.9	2.6	1944058	-1.6	
27	912.579	1433.8	-2	1	-2.3	-1.4	3.1	1942255	-1.7	
27	912.279	1434.2	-2.1	1.2	-2.2	-1.9	3.5	1936865	-1.8	
27	911.979	1434.4	-1.9	2.2	-2.2	-1.5	3.7	1927947	-1.9	
27	911.679	1434.3	-3.3	1.1	-2.2	-3	3.5	1920872	-2	
27	911.379	1434	-3.6	1	-2.2	-2.9	2.9	1917354	-2	
27	911.079	1433.9	-4	0.2	-2.2	-3.2	2.3	1915600	-2	
27	910.779	1433.5	-3.1	1.3	-2.2	-2.1	1.6	1910357	-2.1	
27	910.479	1433.3	-3.4	2.3	-2	-2.2	1	1898233	-2.1	
27	910.179	1433	-3.2	2.5	-2	-1.5	0.5	1882870	-2.2	
27	909.879	1433	-3.6	2.8	-1.9	-2.2	0.2	1862768	-2.2	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
27	909.579	1433.1	-4.4	1.9	-1.7	-3.1	0.1	1838236	-2.2	
27	909.279	1433.3	-4	3.5	-1.6	-1.5	0.4	1809638	-2	
27	908.979	1433.8	-4.7	2.3	-1.4	-1.8	1	1777378	-1.8	
27	908.679	1434.5	-4.8	2.7	-1.2	-1.7	1.9	1746248	-1.7	
27	908.379	1435	-5.3	2.6	-1	-2.3	2.6	1716189	-1.3	
27	908.079	1435.3	-5.2	3	-1.1	-2.2	3.1	1692604	-1.1	
27	907.779	1435.2	-5.8	2	-1.1	-2.6	3.2	1677685	-0.8	
27	907.479	1435.2	-5.2	2.6	-1	-1.8	3.3	1668328	-0.8	
27	907.179	1435	-5	2.6	-1.1	-1.4	3.3	1669658	-0.8	
27	906.879	1434.7	-5.8	-0.1	-1.2	-2.1	3	1675001	-0.8	
27	906.579	1434.3	-5.8	-0.2	-1.6	-2.3	2.6	1684434	-0.9	
27	906.279	1433.8	-5.6	-0.8	-1.8	-1.7	1.9	1696719	-1	
27	905.979	1433.4	-5.5	-1	-2.2	-1.4	1.4	1709185	-1.1	
27	905.679	1433.2	-4.8	-0.7	-2.3	-1.1	1	1717597	-1.4	
27	905.379	1433.1	-4.7	-1.3	-2.3	-1.4	0.9	1721835	-1.6	
27	905.079	1432.9	-4.7	-0.4	-2.3	-1.7	0.7	1723252	-1.9	
27	904.779	1432.6	-4.4	-2.3	-2.4	-1.8	0.5	1717597	-2.2	
27	904.479	1432.5	-4.9	-2.2	-2.3	-2.1	0.5	1706399	-2.5	
27	904.179	1432.7	-4.1	-1.9	-2.1	-1.5	0.7	1688509	-2.8	
27	903.879	1432.9	-5	-3	-1.8	-2.4	0.9	1669658	-2.7	
27	903.579	1433.4	-5	-3.1	-1.3	-2.3	1.1	1651223	-2.5	
27	903.279	1433.7	-4.9	-3.8	-1.1	-2	1.3	1634466	-2.4	
27	902.979	1433.9	-4	-2.1	-1	-0.7	1.5	1623063	-2.2	
27	902.679	1433.9	-4.6	-3.9	-1	-0.4	1.6	1615549	-1.7	
27	902.379	1434	-4.5	-3.2	-1	0.1	1.8	1613060	-1.3	
27	902.079	1433.9	-4.7	-4.3	-1.4	1.1	2	1615549	-0.8	
27	901.779	1433.9	-5	-4.8	-1.6	0.3	2	1621806	-0.4	
27	901.479	1433.8	-5	-4.4	-1.9	1	1.9	1625583	-0.6	
27	901.179	1433.8	-4.9	-4.2	-2.1	0.7	1.9	1621806	-0.9	
27	900.879	1433.9	-5.9	-5.2	-2.3	-0.4	2	1613060	-1.2	
27	900.579	1433.7	-6.3	-5.4	-2.6	-1.7	2	1599504	-1.5	
27	900.279	1433.6	-7.2	-5.8	-2.5	-2.6	1.9	1580190	-1.8	
27	899.979	1433.8	-7.4	-5.4	-2.4	-2.8	1.9	1557851	-2	
27	899.679	1434.1	-8.3	-6.2	-1.9	-4.4	1.9	1533884	-2.4	
27	899.379	1434.4	-7.4	-5.5	-1.8	-3.5	1.9	1510643	-2.7	
27	899.079	1434.7	-8.2	-4.9	-1.4	-5.1	2	1493403	-2.8	
27	898.779	1434.7	-8.1	-4.5	-1.2	-5.1	1.9	1485984	-2.8	
27	898.479	1434.7	-8.4	-4.4	-1.1	-5.4	1.9	1493403	-2.7	
27	898.179	1434.6	-8.3	-5.2	-1	-5.1	1.8	1513920	-2.6	
27	897.879	1434.5	-8.1	-4.7	-0.9	-4.5	1.7	1546345	-2.6	
27	897.579	1434.5	-8.7	-5.5	-1	-5.3	1.7	1586175	-2.6	
27	897.279	1434.4	-7.8	-4.2	-1.6	-3.7	1.6	1630647	-2.6	
27	896.979	1434.6	-8.2	-3.8	-1.9	-5.6	1.7	1680378	-2.7	
27	896.679	1434.3	-6.8	-2.8	-2.7	-3.7	1.7	1728944	-2.8	
27	896.379	1434.2	-6.6	-1.9	-2.9	-4.7	1.7	1774365	-3	
27	896.079	1434	-5.4	-0.6	-3.1	-3.3	1.8	1806515	-3.2	
27	895.779	1433.8	-5.3	0	-3.1	-4.3	1.9	1827008	-3.4	
27	895.479	1433.8	-5.2	0	-2.9	-4.3	2	1836624	-3.5	
27	895.179	1433.9	-4.7	1.1	-2.5	-3.7	2	1841470	-3.4	
27	894.879	1434.6	-5.1	0.1	-1.9	-4.6	2.2	1843091	-3.3	
27	894.579	1435.2	-3.3	1.7	-1.4	-2.7	2.3	1844715	-3.3	
27	894.279	1435.9	-3.5	2.3	-0.6	-3.7	2.6	1851239	-3.3	
27	893.979	1436.1	-1.7	4.1	-0.5	-1.9	2.8	1861112	-3.1	
27	893.679	1435.9	-2.1	3.5	-0.6	-3.2	2.9	1874441	-2.9	
27	893.379	1435.5	-0.5	5	-0.9	-1.5	3.1	1891374	-2.8	
27	893.079	1434.8	-0.7	4.1	-1.3	-1.7	3.1	1908615	-2.6	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
27	892.779	1434.3	0	4.7	-1.7	-0.8	3.2	1927947	-2.4	
27	892.479	1434.1	0.3	5	-2.1	-0.4	3.3	1938658	-2.3	
27	892.179	1434	0.4	4.8	-2.5	-0.8	3.3	1944058	-2.2	
27	891.879	1433.6	0.5	5.4	-3.1	-0.7	3.2	1945865	-1.9	
27	891.579	1433.4	0.7	4.8	-3.4	-1.1	3.2	1942255	-1.8	
27	891.279	1433.1	1.7	6.7	-3.5	0.2	3.2	1938658	-1.8	
27	890.979	1432.8	1.6	6.6	-3.2	-1.1	3	1940455	-1.9	
27	890.679	1432.2	2	6.9	-3	-0.1	2.7	1953126	-1.8	
27	890.379	1431.8	1.5	5.5	-2.7	-1.1	2.6	1980843	-1.6	
27	890.079	1431.3	1.8	6.4	-2.8	-0.3	2.4	2020995	-1.5	
27	889.779	1431.2	1.3	5.8	-2.8	-1.2	2.3	2075075	-1.4	
27	889.479	1431.2	2.1	6.8	-2.5	0.2	2.2	2140849	-1.5	
27	889.179	1431	1.8	6.8	-2.8	-0.4	2	2215609	-1.3	
27	888.879	1430.9	1.5	6.5	-2.7	-0.9	1.7	2295779	-1.3	
27	888.579	1430.5	2.2	7.1	-3	0.2	1.2	2368496	-1.2	
27	888.279	1430.2	1.3	7.2	-2.7	-0.8	0.7	2434594	-1.1	
27	887.979	1429.5	2.1	8.4	-3	0.6	0.2	2489596	-0.9	
27	887.679	1429.3	0.9	8.1	-2.5	-1.1	-0.2	2528684	-0.9	
27	887.379	1429.3	1.9	9.3	-2.3	0.4	-0.3	2562730	-0.9	
27	887.079	1429.4	0.4	8.7	-1.9	-1.6	-0.5	2591275	-1	
27	886.779	1430.1	1.1	8.5	-0.8	-0.8	-0.5	2627039	-1.4	
27	886.479	1430.8	0.5	8.7	0	-1.8	-0.5	2670600	-1.6	
27	886.179	1431.7	0.1	8.2	0.8	-2.5	-0.2	2733356	-1.7	
27	885.879	1432.2	0	8.4	1	-2.2	0.1	2821766	-1.6	
27	885.579	1432.7	-0.2	8.1	1.4	-3	0.4	2940661	-1.4	
27	885.279	1432.8	0.4	8.5	1.1	-1.3	0.6	3083579	-1.2	
27	884.979	1432.6	-0.1	8.6	0.6	-2.5	0.6	3241100	-1	
27	884.679	1432.3	-0.1	7.7	0.3	-1.3	0.4	3415580	-0.7	
27	884.379	1431.8	-0.8	7.4	-0.4	-1.8	0.1	3597509	-0.3	
27	884.079	1431.8	0	6.8	-0.9	-0.5	0.1	3799910	-0.2	
27	883.779	1431.7	-0.4	6.2	-1.5	-0.1	0.1	3995706	-0.1	
27	883.479	1432	-0.2	5.2	-1.5	-0.5	0.1	4170817	-0.5	
27	883.179	1432.3	0.7	6	-1.6	0.8	0.3	4317011	-1	
27	882.879	1432.8	0.2	5.4	-1.1	-1.4	0.4	4445329	-1.6	
27	882.579	1433.4	0.9	5.6	-0.8	-0.7	1	4571507	-2	
27	882.279	1433.8	0.7	5.8	-0.5	-1.1	1.5	4736991	-2.5	
27	881.979	1434.2	0.3	3.6	0	-2	1.9	4938090	-3.1	
27	881.679	1434.4	0.1	3.6	-0.1	-2.7	2.2	5169753	-3.6	
27	881.379	1434.5	-0.9	0.8	0.1	-4	2.1	5452474	-3.9	
27	881.079	1434.6	-0.4	1.7	0.1	-3.5	1.8	5767907	-3.9	
27	880.779	1434.6	-1.9	-1.4	0.4	-5.3	1.3	6104228	-3.7	
27	880.479	1434.3	-0.3	0.4	0.5	-3.2	0.5	6462192	-3.7	
27	880.179	1433.8	-0.7	-0.7	0.2	-3.7	-0.2	6820033	-3.5	
27	879.879	1433.2	-1.2	-1.5	-0.1	-4.1	-0.8	7145905	-3.4	
27	879.579	1432.8	-0.7	-1.1	-0.1	-3.4	-1.2	7398410	-3.1	
27	879.279	1432.7	-1.7	-2.2	0	-3.8	-1.4	7641424	-2.8	
27	878.979	1432.9	-1.1	-1.8	0.2	-2.6	-1.3	7900944	-2.7	
27	878.679	1433.3	-1.4	-3.1	0.4	-2.6	-0.9	8275692	-2.4	
27	878.379	1433.6	-1.3	-2.9	0.5	-1.9	-0.5	8723959	-2.2	
27	878.079	1433.7	-1.7	-3.7	0.4	-2.8	-0.1	9183114	-1.8	
27	877.779	1434.1	-1.9	-3.4	0.4	-2.8	0.4	9693287	-1.6	
27	877.479	1434.3	-1.7	-3.5	0.8	-2.7	0.6	10314040	-1.6	
27	877.179	1434.1	-1.1	-2.4	0.6	-2.2	0.7	11136968	-1.7	
27	876.879	1433.8	-1.5	-3.6	0.4	-2.5	0.6	12033046	-1.8	
27	876.579	1433.5	-1.4	-3.2	0.4	-2.7	0.4	13085938	-1.9	
27	876.279	1433	-1.9	-3.4	-0.1	-3	-0.1	14052014	-1.9	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
27	875.979	1432.7	-1.4	-3.6	-0.3	-2.5	-0.6	15062950	-2	
27	875.679	1432.6	-1.1	-2.4	-0.2	-1.9	-1.1	16105769	-2	
27	875.379	1432.7	-0.6	-2.7	-0.4	-1.3	-1.3	17161885	-1.9	
27	875.079	1432.7	0	-0.9	-0.7	-0.7	-1.3	17895299	-1.9	
27	874.779	1432.8	-0.5	-2.4	-0.8	-1.5	-1.1	18206522	-1.8	
27	874.479	1432.8	0	-0.4	-0.9	-1.2	-0.8	18049569	-1.8	
27	874.179	1432.6	-0.1	-1.2	-1.2	-1.2	-0.5	17447917	-1.7	
27	873.879	1433	-0.2	-0.7	-0.9	-0.9	0.1	16885081	-1.6	
27	873.579	1433.5	-0.5	-0.6	-0.7	-1	0.7	16105769	-1.3	
27	873.279	1434.2	-0.6	-0.6	-0.7	-1.3	1.4	15395221	-1.2	
27	872.979	1434.7	-0.4	-0.2	-0.4	-1.5	1.7	14744718	-1.3	
27	872.679	1435	-0.6	-1	-0.2	-1.9	1.9	14146960	-1.2	
27	872.379	1435.3	-0.4	-0.3	0.2	-1.7	1.7	14052014	-1.4	
27	872.079	1435.2	0.3	0.4	0.1	-1.3	1.5	14146960	-1.4	
27	871.779	1435	0.3	1.1	0.1	-1.3	1.3	14439655	-1.4	
27	871.479	1434.7	0.2	0.2	-0.2	-1.5	1.1	14955357	-1.4	
27	871.179	1434.4	-0.1	0.3	-0.6	-1.4	1.1	15395221	-1.4	
27	870.879	1434.4	0.1	0.3	-0.8	-1.6	1	15625000	-1.9	
27	870.579	1434.1	0.3	-0.4	-1	-1.4	0.8	15395221	-2.1	
27	870.279	1434	0.3	0.1	-1.1	-1.2	0.9	14539931	-2.1	
27	869.979	1434.1	0.4	-0.5	-1.1	-0.9	1	13421474	-2.2	
27	869.679	1434.4	0.4	-0.3	-0.9	-1.6	1.3	12244152	-2.2	
27	869.379	1434.6	0.5	0.2	-0.4	-1.5	1.3	11136968	-2.3	
27	869.079	1434.6	0.8	0.7	0.2	-1.7	1.1	10263481	-2.4	
27	868.779	1434.4	0.4	1.3	1	-1.8	0.5	9604358	-2.9	
27	868.479	1434.1	0.2	0.6	1.4	-2.5	-0.1	9264381	-3	
27	868.179	1433.9	-0.3	1.6	1.9	-3.1	-0.5	9143013	-3.2	
27	867.879	1433.4	-0.5	-0.2	2	-3.4	-1	9183114	-3	
27	867.579	1433.1	-1.4	-0.7	2	-4.1	-1.5	9517046	-2.8	
27	867.279	1432.8	-0.6	0.6	1.7	-3	-1.8	10017943	-2.7	
27	866.979	1432.4	-0.8	-0.1	1.3	-3.3	-1.9	10737180	-2.5	
27	866.679	1431.8	0.1	1.8	0.8	-2.3	-1.9	11567680	-2.4	
27	866.379	1431.5	-1.2	-0.1	0.3	-2.9	-1.6	12462798	-1.9	
27	866.079	1431.2	-0.7	0.7	-0.4	-1.6	-1.2	13085938	-1.7	
27	865.779	1430.9	-1.1	0.2	-1.1	-1.4	-0.8	13251582	-1.4	
27	865.479	1430.9	-0.6	1.1	-1.4	-0.7	-0.4	12924383	-1.6	
27	865.179	1431.2	-0.5	1.4	-1.7	-0.3	0.1	12316177	-1.9	
27	864.879	1431.4	-0.9	0.8	-1.8	-1.7	0.4	11567680	-2.4	
27	864.579	1431.4	-0.6	0.5	-1.8	-1.5	0.5	10904948	-2.6	
27	864.279	1431.3	-0.8	0.7	-1.5	-2.4	0.5	10314040	-2.7	
27	863.979	1431.2	-0.8	0.6	-1.3	-1.5	0.5	9738372	-2.7	
27	863.679	1431.5	-1.7	0.2	-1	-2.5	0.7	9305556	-2.6	
27	863.379	1431.7	-1.9	-0.5	-0.5	-2.2	0.7	8986052	-2.6	
27	863.079	1432	-2.5	-1.4	-0.4	-2.5	0.9	8871822	-2.1	
27	862.779	1432.4	-2.7	-2.1	-0.2	-2.6	1	8871822	-1.8	
27	862.479	1432.7	-2.6	-2.6	-0.3	-1.4	1.1	9024785	-1.4	
27	862.179	1433	-2.6	-2.1	-0.2	-1.7	1.4	9223568	-1.2	
27	861.879	1432.9	-2.2	-2.2	-0.6	-0.6	1.6	9560502	-1.2	
27	861.579	1432.5	-2.7	-2.6	-1.1	-1.5	1.7	10017943	-1.1	
27	861.279	1432.4	-3	-2.8	-1.5	-0.8	1.7	10682398	-1.2	
27	860.979	1432.1	-3.4	-2.9	-1.8	-1.1	1.6	11762641	-1.2	
27	860.679	1432.2	-3.6	-3	-1.8	-1	1.5	13335987	-1.2	
27	860.379	1432.1	-3.4	-3	-2	-0.8	1.3	15282847	-1.2	
27	860.079	1432.3	-4.2	-3.6	-1.5	-1.9	1	17743644	-1.4	
27	859.779	1432.2	-3.7	-3.3	-1.4	-1	0.7		-1.4	
27	859.479	1432.4	-4.8	-5.1	-0.8	-2.3	0.5		-1.6	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
27	859.179	1432.6	-3.7	-4	0	-0.7	0.2		-1.6	
27	858.879	1432.8	-5	-5.2	0.4	-1.7	0.1		-1.6	
27	858.579	1432.9	-5	-4.9	0.9	-1.1	-0.1		-1.6	
27	858.279	1432.9	-5.2	-5.3	0.7	-1.5	-0.2		-1.6	
27	857.979	1433.1	-4.9	-5.2	0.8	-1.2	-0.2		-1.7	
27	857.679	1432.9	-4.7	-5	0.5	-1	-0.4		-1.9	
27	857.379	1432.7	-5.5	-5.9	0.4	-2	-0.5		-2.1	
27	857.079	1432.4	-5.9	-6.3	0.2	-1.4	-0.7	17743644	-2.2	
27	856.779	1432.3	-6.5	-7	0	-2.6	-0.8	14955357	-2.5	
27	856.479	1432.1	-6.7	-7.5	-0.3	-2.4	-0.9	12845092	-2.8	
27	856.179	1432.2	-7.6	-8	-0.3	-3.3	-0.9	11317568	-3	
27	855.879	1432.5	-7	-7.2	0	-2.6	-0.8	10263481	-3.2	
27	855.579	1432.9	-7.4	-7.1	0.2	-3.3	-0.7	9560502	-3.4	
27	855.279	1433.2	-7	-6.5	0.8	-3.1	-0.5	9063853	-3.6	
27	854.979	1433.4	-7.5	-6.1	1.1	-3.1	-0.2	8797269	-3.5	
27	854.679	1433.4	-8.5	-7.9	1.2	-3.3	0	8651860	-3.2	
27	854.379	1433.6	-9.1	-8.3	1.5	-3.2	0.3	8580943	-2.8	
27	854.079	1433.8	-9.1	-9.2	1.6	-3.1	0.7	8511179	-2.6	
27	853.779	1433.9	-9.6	-8.4	1.4	-2.4	1.1	8442541	-2.3	
27	853.479	1433.8	-10	-9.3	0.7	-3.1	1.5	8442541	-2	
27	853.179	1433.6	-10.2	-9.1	0	-2.9	1.7	8375000	-1.7	
27	852.879	1433	-10.3	-9.7	-0.9	-3	1.7	8308532	-1.4	
27	852.579	1432.4	-10.4	-9.9	-1.7	-2.6	1.5	8210785	-1.3	
27	852.279	1431.9	-10.8	-9.9	-2.2	-2.1	1.2	8115310	-1.2	
27	851.979	1431.4	-10.9	-10.3	-2.7	-2.6	0.7	8083977	-1.3	
27	851.679	1430.9	-10.6	-9.8	-3.2	-2.4	0.3	8083977	-1.3	
27	851.379	1430.7	-11.3	-10.5	-3	-3.6	-0.2	8146887	-1.5	
27	851.079	1430.7	-10.9	-9.2	-2.4	-3.6	-0.7	8243110	-2	
27	850.779	1430.9	-10.6	-8.7	-1.4	-3.8	-1.1	8442541	-2.4	
27	850.479	1431.2	-10.3	-7.8	-0.6	-3.6	-1.2	8797269	-2.7	
27	850.179	1431.8	-10.8	-8.1	0.1	-4.6	-1	9264381	-2.8	
27	849.879	1432.5	-11.3	-8.7	0.8	-5.6	-0.6	9829812	-2.8	
27	849.579	1433.2	-10.1	-7.5	1.5	-4.3	-0.2	10263481	-3	
27	849.279	1433.7	-9.9	-7.7	2	-4.2	0.1	10574495	-3	
27	848.979	1433.9	-8.8	-6.1	2.4	-3.3	0.1	10628173	-3.1	
27	848.679	1433.8	-8.6	-5.6	2.4	-2.8	0.1	10628173	-2.8	
27	848.379	1433.3	-8.2	-4.8	2	-2.4	0.1	10365099	-2.5	
27	848.079	1433	-8.5	-4.9	1.6	-1.9	0.1	9922986	-2.1	
27	847.779	1433	-7.6	-4.2	1.1	-0.9	0.2	9347098	-1.9	
27	847.479	1432.7	-6.2	-2	0.3	0.9	0.2	8651860	-1.9	
27	847.179	1432.5	-6.6	-2.9	-0.5	0.2	0.2	7991412	-1.8	
27	846.879	1432.3	-6.7	-1.9	-1.3	0.2	0.3	7424646	-1.9	
27	846.579	1432.2	-5.8	-2.1	-1.7	0	0.4	6955980	-2.1	
27	846.279	1432	-6.2	-1.2	-2.2	-0.5	0.6	6542969	-2.4	
27	845.979	1431.5	-6	-1	-2.6	-0.7	0.7	6231399	-2.7	
27	845.679	1431.4	-7	-1.8	-2.7	-1.9	0.7	6016523	-2.9	
27	845.379	1431.6	-6.4	-1.5	-2.6	-1.8	0.8	5864846	-3.2	
27	845.079	1431.9	-6.7	-2	-2.3	-3	0.8	5799862	-3.2	
27	844.779	1432.4	-7	-1.5	-1.7	-2.6	0.8	5815972	-2.9	
27	844.479	1432.8	-7.7	-1.8	-1.1	-2.7	0.7	5897888	-2.5	
27	844.179	1433.2	-6.9	-0.4	-0.7	-2.4	0.7	6033862	-2.1	
27	843.879	1433.4	-7.5	-0.8	-0.4	-1.6	0.7	6250000	-1.4	
27	843.579	1433.5	-7.7	-0.1	0.1	-2	0.7	6522586	-1.1	
27	843.279	1433.7	-7.5	-0.5	0.4	-0.5	0.9	6820033	-0.7	
27	842.979	1433.9	-8	-0.6	0.6	-1.6	1.1	7121599	-0.6	
27	842.679	1434.1	-7.5	-0.5	0.7	-0.1	1.3	7372359	-0.6	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
27	842.379	1434	-8	-0.5	0.5	-1	1.4	7504480	-0.4	
27	842.079	1434	-8.4	0.1	0.2	-0.8	1.5	7558664	-0.5	
27	841.779	1434.1	-7.5	1.6	-0.1	0.1	1.6	7504480	-0.6	
27	841.479	1434.1	-8.4	0.7	-0.2	-1.5	1.5	7346491	-1	
27	841.179	1433.9	-7.5	2.1	-0.3	-0.4	1.4	7121599	-1.3	
27	840.879	1433.4	-8.5	1.5	-0.6	-1.8	1	6932947	-1.6	
27	840.579	1432.8	-7.5	2.7	-0.8	-0.9	0.5	6732315	-2.1	
27	840.279	1432.3	-9.3	1	-1.1	-3.1	0.1	6542969	-2.1	
27	839.979	1431.9	-7.8	2.6	-1.1	-1.4	-0.3	6383384	-2.4	
27	839.679	1431.8	-8.5	2.3	-1.3	-1.8	-0.2	6287538	-2.5	
27	839.379	1432.1	-9.5	1.4	-1.1	-3.2	-0.1	6231399	-2.6	
27	839.079	1432.3	-8.3	2.3	-1.1	-1.6	0.1	6231399	-2.7	
27	838.779	1432.1	-9.2	2.1	-1.1	-2.9	0.1	6176254	-2.5	
27	838.479	1432.3	-9	1.9	-0.8	-1.9	0.4	6068841	-2.4	
27	838.179	1432.4	-9.4	1.2	-0.7	-1.9	0.7	5897888	-2	
27	837.879	1432.4	-9	1.3	-1	-0.8	1.1	5689538	-1.7	
27	837.579	1432.5	-9.5	1.3	-1	-1.5	1.4	5481021	-1.2	
27	837.279	1432.6	-10.1	1.2	-0.8	-1.4	1.5	5260679	-0.8	
27	836.979	1432.5	-10.2	-0.1	-0.8	-1.1	1.3	5081918	-0.6	
27	836.679	1432.4	-10.4	-0.5	-0.8	-1	1.1	4914906	-0.1	
27	836.379	1432.3	-10.1	-1.3	-0.5	0	1	4769363	0	
27	836.079	1432	-10.6	-2	-0.5	-0.6	0.7	4673549	0	
27	835.779	1432.1	-11.4	-3.2	-0.3	-1	0.4	4632191	0	
27	835.479	1432.2	-10.4	-1.9	-0.2	-0.1	0.2	4632191	-0.3	
27	835.179	1432.3	-10.5	-2.9	0	-0.2	-0.1	4673549	-0.7	
27	834.879	1432.1	-10.4	-4.2	-0.2	-0.9	-0.3	4715653	-1.3	
27	834.579	1431.9	-10	-3.4	-0.2	0.7	-0.5	4715653	-1.7	
27	834.279	1431.8	-10.7	-4	-0.2	-1.6	-0.5	4673549	-2.4	
27	833.979	1431.5	-10.9	-5.1	-0.4	-1.7	-0.5	4581510	-2.9	
27	833.679	1431.4	-11	-4.8	-0.6	-1.9	-0.3	4454788	-3.5	
27	833.379	1431.7	-11.4	-5.4	-0.5	-2.2	0.1	4281698	-4.1	
27	833.079	1431.9	-12.2	-5.2	-0.6	-3.8	0.4	4081384	-4.5	
27	832.779	1432.3	-12.5	-6.1	-0.5	-4.6	0.7	3877315	-4.9	
27	832.479	1432.5	-11.4	-4.7	-0.4	-3.1	1	3686180	-4.9	
27	832.179	1432.7	-14.5	-7.5	-0.2	-6.5	1	3536740	-5.1	
27	831.879	1432.7	-12.5	-4.8	-0.1	-4.3	0.9	3443668	-4.8	
27	831.579	1432.6	-14.1	-7.2	-0.2	-4.8	0.9	3415580	-3.7	
27	831.279	1432.5	-14.7	-7.2	-0.3	-4.2	0.7	3443668	-2.7	
27	830.979	1432	-15.3	-7.6	-0.4	-3.8	0.1	3513004	-1.7	
27	830.679	1432	-15.3	-7.8	-0.3	-1.8	-0.2	3609914	-0.4	
27	830.379	1431.9	-15	-7	-0.6	0.1	-0.3	3738840	0.9	
27	830.079	1431.7	-16.1	-8.6	-1.1	0.4	-0.2	3906250	2.6	
27	829.779	1431.9	-16.1	-8.1	-1.2	2.5	-0.1	4089356	3.1	
27	829.479	1432.1	-15.3	-6.9	-1.2	3	0.1	4325930	3.4	
27	829.179	1432.4	-15	-7.5	-1.1	3.7	0.1	4601649	3.3	
27	828.879	1432.8	-15.3	-6.9	-1	3.1	0.4	4926471	2.8	
27	828.579	1433	-15.1	-7.6	-0.9	3.9	0.7	5300633	2.4	
27	828.279	1433.2	-15.7	-7.2	-0.9	2.1	1.1	5783840	1.5	
27	827.979	1433.3	-15.9	-8.4	-0.6	0.9	1.4	6422546	0.7	
27	827.679	1433.5	-16.3	-7	-0.2	0.2	1.6	7346491	-0.2	
27	827.379	1433.7	-16.5	-8.7	0	-1	1.8	8723959	-1.3	
27	827.079	1433.7	-17.3	-8.8	0.3	-2.7	1.6	10848446	-2	
27	826.779	1434.2	-16.7	-7.2	0.8	-2.6	1.7	14243197	-2.6	
27	826.479	1434.3	-16.5	-8.2	0.8	-2.3	1.7		-3.1	
27	826.179	1434.3	-17.9	-8.7	0.7	-4	1.5		-3.5	
27	825.879	1433.9	-17.3	-8.3	0.4	-3.9	1.1		-3.9	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
27	825.579	1433.1	-17.2	-7.8	-0.5	-3.5	0.7		-4	
27	825.279	1432.5	-17.4	-8.4	-1.2	-4.3	0.4		-4.5	
27	824.979	1431.8	-17.4	-7.9	-2.1	-3.8	0.4		-4.5	
27	824.679	1431.5	-17.9	-7.8	-2.7	-3.2	0.8		-4.6	
27	824.379	1431	-18.4	-8.2	-3.5	-4.6	1.1	-2E+07	-4.8	
27	824.079	1430.9	-19.2	-8.8	-4.1	-4.6	1.6	-2E+07	-4.8	
27	823.779	1431.2	-19.7	-9.6	-4.1	-4.6	2		-5	
27	823.479	1431.7	-18.9	-8.3	-4.2	-3.9	2.6		-5.1	
27	823.179	1432.5	-19.5	-8.1	-3.9	-4.6	3.3		-5.2	
27	822.879	1433.1	-18.9	-8.5	-3.6	-3.9	3.8		-5.4	
27	822.579	1433.3	-19.7	-9.2	-3.4	-4.6	4.1		-5.3	
27	822.279	1433.2	-21.3	-10.9	-3.1	-5.6	3.8		-5.1	
27	821.979	1432.7	-20.5	-10.5	-2.8	-3.7	3.1	14955357	-4.9	
27	821.679	1432.4	-22.3	-11.6	-2.2	-5	2.1	10365099	-4.5	
27	821.379	1432.3	-22.2	-11.3	-1.6	-3.4	1	7900944	-4	
27	821.079	1432.6	-22.9	-11.9	-0.9	-4.5	0.2	6383384	-3.5	
27	820.779	1433.1	-23.1	-11.7	0	-3.6	-0.6	5327608	-2.9	
27	820.479	1433.3	-23.3	-11.1	0.9	-3.8	-1.5	4581510	-2.3	
27	820.179	1433.4	-23.3	-10.8	1.9	-3.3	-2.3	4073444	-1.8	
27	819.879	1433.5	-23.7	-12.3	2.8	-1.6	-2.7	3718917	-0.8	
27	819.579	1433.8	-25.1	-10.6	4	-3.2	-3	3477990	-0.2	
27	819.279	1434.2	-24.5	-12	4.8	-0.9	-3	3333997	0.5	
27	818.979	1434.6	-25.9	-11.8	5.4	-2.8	-2.9	3251165	0.8	
27	818.679	1434.8	-24.9	-10.2	5.7	-1.7	-2.9	3231096	0.9	
27	818.379	1434.9	-25.2	-9.9	5.7	-2.4	-2.9	3271485	0.9	
27	818.079	1434.8	-24.7	-9.4	5.5	-1.7	-2.9	3371579	0.8	
27	817.779	1434.2	-23.9	-8.9	4.9	-1.4	-3	3530776	0.7	
27	817.479	1433.7	-24.4	-8.3	4.1	-2.1	-3.1	3745528	0.4	
27	817.179	1432.9	-23.7	-7.6	3	-0.9	-3.2	4026443	0.1	
27	816.879	1432.3	-23.8	-8.5	2.1	-1.7	-3.3	4334886	-0.2	
27	816.579	1431.8	-22.4	-7.4	1.1	-0.7	-3.4	4663141	-1	
27	816.279	1431.4	-21.6	-6.3	0.5	-1.6	-3.5	4985119	-1.6	
27	815.979	1431.1	-20.8	-5.7	0	-0.9	-3.5	5260679	-2.2	
27	815.679	1431.1	-21.1	-5.4	-0.1	-2.1	-3.4	5438312	-2.6	
27	815.379	1431.2	-20.3	-4.4	0	-2.2	-3.1	5524407	-2.9	
27	815.079	1431.8	-20.1	-3.8	0.4	-1.6	-2.5	5553714	-3.2	
27	814.779	1432.3	-20.2	-3.7	0.9	-3.5	-2	5568484	-3.7	
27	814.479	1432.9	-20	-2.7	1.1	-3.2	-1.4	5643531	-3.8	
27	814.179	1433.7	-19.5	-2.8	1.1	-3.5	-0.5	5783840	-3.5	
27	813.879	1434	-18.4	-1.9	0.5	-2.9	0.5	6068841	-3.1	
27	813.579	1434.3	-19	-1.1	-0.6	-3.1	1.9	6542969	-2.4	
27	813.279	1434.4	-18.6	-1.3	-2	-2.6	3.1	7320804	-2	
27	812.979	1434.3	-18.2	-1	-3.4	-2.2	4.2	8687760	-1.4	
27	812.679	1434.2	-19	-1.6	-4.7	-2.8	5	11019737	-0.9	
27	812.379	1434	-17.2	0.2	-5.9	-0.4	5.7	15509259	-0.4	
27	812.079	1434.1	-17.4	0.5	-6.8	-0.2	6.6		0.3	
27	811.779	1434.4	-16.6	1.8	-7.2	0.4	7.1		0.6	
27	811.479	1434.7	-15.6	3.6	-6.8	-0.1	7.2		0.4	
27	811.179	1435	-15.9	3.8	-6	0	7		-0.1	
27	810.879	1435.4	-14.9	4	-4.6	-0.8	6.6		-1	
27	810.579	1435.8	-14.5	5	-3.5	-1.2	6.2		-1.8	
27	810.279	1435.9	-14.2	4.7	-2.3	-1.3	5.4		-2.6	
27	809.979	1436	-14.2	5.5	-1.4	-2.9	4.7		-3.3	
27	809.679	1435.7	-13.8	7.5	-0.9	-3.8	3.8		-4	
27	809.379	1435.3	-13.3	7.2	-0.5	-3.9	2.7		-4.5	
27	809.079	1434.5	-11.8	10.5	-0.8	-3.5	1.7		-4.5	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
27	808.779	1433.7	-12.9	9.3	-1	-4.5	0.8		-4.6	
27	808.479	1432.5	-11.7	11.2	-1.6	-3.8	-0.1		-4.5	
27	808.179	1431.8	-12.1	11	-2	-4.4	-0.8	17161885	-4.3	
27	807.879	1431.4	-11.9	11.4	-2	-3.8	-1.4	12924383	-3.9	
27	807.579	1431.3	-12	11.3	-1.7	-3.8	-1.8	10163835	-3.7	
27	807.279	1431.4	-10.7	13	-1.2	-2.8	-2.1	8146887	-3.5	
27	806.979	1431.9	-11.2	13.9	-0.6	-3.3	-2.1	6689297	-3.2	
27	806.679	1432.6	-10	14.5	0.2	-2.6	-1.7	5628360	-3	
27	806.379	1432.9	-10.1	15.8	0.5	-2	-1.2	4857889	-2.7	
27	806.079	1433	-9.8	15.1	1	-2.2	-0.7	4299282	-2.5	
27	805.779	1433.3	-9.5	15.7	1.3	-1.5	-0.2	3884509	-2.2	
27	805.479	1433.6	-9.9	14.8	1.8	-2	0.1	3585189	-2	
27	805.179	1433.7	-9.5	14.4	1.9	-1.9	0.2	3366158	-1.9	
27	804.879	1433.7	-9	15.4	1.9	-1.4	0.3	3231096	-1.7	
27	804.579	1433.8	-8.8	14.9	1.8	-1.4	0.3	3162765	-1.6	
27	804.279	1433.7	-9	14.8	1.5	-1.9	0.2	3153238	-1.4	
27	803.979	1433.5	-8.7	13.7	1.4	-1.4	-0.1	3196565	-1.4	
27	803.679	1433	-8.5	13.1	1.2	-1.6	-0.5	3286892	-1.4	
27	803.379	1432.5	-8.3	12.5	0.6	-1.4	-0.8	3455033	-1.5	
27	803.079	1432	-7.9	13.2	0.2	-1.3	-1.2	3705753	-1.7	
27	802.779	1431.8	-7	13.3	-0.2	0.1	-1.3	4065534	-1.6	
27	802.479	1431.6	-7.8	12.3	-0.3	-1.3	-1.4	4561547	-1.6	
27	802.179	1431.5	-6.8	13.4	-0.2	-0.7	-1.5	5247494	-1.6	
27	801.879	1431.4	-7	13	0	-0.9	-1.7	6268713	-1.6	
27	801.579	1431.5	-7.2	12.3	0.2	-1.6	-1.9	7841760	-1.7	
27	801.279	1431.6	-6.8	11.6	0.5	-0.8	-2	10468750	-1.6	
27	800.979	1432	-7.3	11.7	0.9	-1.8	-1.8	15625000	-1.8	
27	800.679	1432.5	-6.6	12	1.2	-1.1	-1.5		-2	
27	800.379	1432.8	-7.9	10.3	1.2	-3	-1.2		-2	
27	800.079	1432.9	-7.1	11.9	1.2	-2.2	-1.1		-2.3	
27	799.779	1432.7	-6.6	10.6	0.7	-2.2	-1		-2.4	
27	799.479	1432.5	-6.3	11.1	0.2	-2.2	-0.8	-1.8E+07	-2.6	
27	799.179	1432.8	-5.9	10.7	-0.1	-1.5	-0.3	-1.5E+07	-2.7	
27	798.879	1433.2	-6.6	9	-0.3	-2.6	0.3	-1.4E+07	-2.7	
27	798.579	1433.4	-6.2	9.7	-0.6	-1.7	0.7	-1.4E+07	-2.7	
27	798.279	1433.5	-7	7.9	-0.8	-3.6	0.9	-1.5E+07	-2.6	
27	797.979	1433.8	-6.7	7.8	-0.6	-2.6	1.1	-1.7E+07	-2.6	
27	797.679	1434	-6.5	7.7	-0.6	-2.6	1.4		-2.4	
27	797.379	1434.5	-6.9	7.3	-0.3	-3.3	2		-2.3	
27	797.079	1434.8	-6.3	7.5	0	-3.3	2.4		-2.2	
27	796.779	1434.9	-6.9	6.4	-0.1	-4.2	2.6		-2.1	
27	796.479	1434.8	-6.6	5.2	-0.1	-4.3	2.5		-2	
27	796.179	1434.5	-7.1	5.8	-0.2	-4.8	2.1		-1.7	
27	795.879	1434.3	-5.3	6.4	-0.1	-2.7	1.7		-1.5	
27	795.579	1433.8	-5.6	6.5	-0.2	-3	1.1		-1	
27	795.279	1433.5	-5.5	6.4	-0.4	-2.8	0.7		-0.3	
27	794.979	1433	-5.1	6.9	-0.5	-1.7	0.1		0.2	
27	794.679	1432.4	-4.1	6.6	-0.8	-0.8	-0.6		0.6	
27	794.379	1431.9	-3.7	7.5	-0.9	-0.2	-1.2		0.9	
27	794.079	1431.7	-1.9	8.1	-1.1	1.6	-1.4		1.2	
27	793.779	1431.8	-1.9	8.2	-0.9	2.2	-1.3		1.6	
27	793.479	1431.9	-1.2	8.6	-0.8	2.1	-1.2		1.4	
27	793.179	1432	-0.5	9	-0.5	2.2	-1		1.1	
27	792.879	1432.3	0.4	10.3	-0.3	2.2	-0.8	19208716	0.1	
27	792.579	1432.4	0.6	10.1	-0.1	0.7	-0.6	14849291	-0.7	
27	792.279	1432.8	1	10	0.2	0	-0.3	11762641	-1.2	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
27	791.979	1433.2	1.8	10.6	0.3	-0.5	0.1	9517046	-1.9	
27	791.679	1433.5	2	11	0.5	-1.5	0.4	7871241	-2.3	
27	791.379	1433.5	2.2	10.9	0.5	-2.6	0.5	6646826	-3	
27	791.079	1433.4	1.6	10.1	0.5	-4	0.4	5720629	-3.4	
27	790.779	1433.3	2.4	10.7	0.7	-3.7	0.2	5057367	-3.5	
27	790.479	1433.3	2.2	10.1	0.6	-4.7	0.1	4581510	-3.6	
27	790.179	1433.2	3.5	10.5	0.5	-3.6	0.1	4255590	-3.6	
27	789.879	1433.5	3.7	11.5	0.4	-4.2	0.4	4034201	-3.8	
27	789.579	1433.6	4.5	11.3	0.2	-4.1	0.6	3884509	-3.9	
27	789.279	1433.6	4.4	11.4	0.1	-4.2	0.7	3799910	-3.9	
27	788.979	1433.3	5.6	12.8	-0.2	-3.7	0.8	3793026	-4	
27	788.679	1433.1	5.7	12.5	-0.3	-3.3	0.8	3870148	-4	
27	788.379	1432.9	5.8	13.1	-0.6	-3.8	0.9	4003346	-4.1	
27	788.079	1432.9	6.2	12.8	-0.8	-3.3	1	4170817	-4.2	
27	787.779	1432.8	6.4	14.3	-0.8	-3.8	1	4380230	-4.2	
27	787.479	1432.6	7.3	14.4	-1.1	-3.3	0.9	4642462	-4.3	
27	787.179	1432.3	7.7	14.3	-1.2	-3	0.7	4985119	-4.4	
27	786.879	1432.1	7.4	13.7	-1.1	-3.4	0.4	5396263	-4.4	
27	786.579	1431.9	8.4	14.3	-1.1	-2.7	0.3	5864846	-4.5	
27	786.279	1431.8	8.4	15	-1	-2.9	0.2	6325529	-4.6	
27	785.979	1431.9	8.7	14.9	-0.9	-2.4	0.3	6775890	-4.7	
27	785.679	1432	8.5	15.5	-1	-2.7	0.4	7219828	-4.7	
27	785.379	1432.1	8.6	15.3	-0.9	-2.7	0.4	7558664	-5.1	
27	785.079	1432.1	8.9	15.4	-0.9	-2.5	0.4	7841760	-5.1	
27	784.779	1432.1	8.1	15	-0.8	-3.4	0.4	7991412	-5.1	
27	784.479	1432.1	8.5	14.8	-0.7	-1.9	0.4	7991412	-5.1	
27	784.179	1432	7.6	14.5	-0.8	-3	0.5	7871241	-5.1	
27	783.879	1432	7.7	14.3	-0.9	-2.2	0.7	7726015	-5.2	
27	783.579	1432.1	7	14.1	-1	-2.9	0.8	7613637	-5.1	
27	783.279	1432.3	6.9	12.2	-1	-2.2	1	7531475	-4.9	
27	782.979	1432.4	6	11.6	-1.4	-2.3	1.4	7477679	-4.3	
27	782.679	1432.6	5.3	10.8	-1.4	-2.7	1.9	7477679	-4	
27	782.379	1432.7	5.1	10.2	-1.5	-1.8	2.3	7451068	-3.4	
27	782.079	1432.8	3.3	7.4	-1.7	-2.7	2.7	7477679	-2.6	
27	781.779	1432.8	2.5	6.2	-1.8	-2.1	2.9	7558664	-1.7	
27	781.479	1432.6	1.1	3	-2	-1.8	3	7697610	-0.6	
27	781.179	1432.7	0.9	2.8	-2	-1.3	3.1	7871241	0.2	
27	780.879	1432.6	-0.1	1.1	-2.2	-1.3	3	8022031	1.1	
27	780.579	1432.6	-0.5	0	-2.1	-0.4	2.8	8052885	1.7	
27	780.279	1432.2	-0.9	-1.3	-2	-0.1	2.3	8022031	2.1	
27	779.979	1431.7	-1	-1.6	-1.9	0.5	1.6	7991412	2.6	
27	779.679	1431.5	-1.7	-2.7	-1.8	0.7	1	8052885	2.9	
27	779.379	1431.4	-1.8	-3.6	-1.3	1.2	0.4	8178711	3.1	
27	779.079	1431.2	-3	-5	-0.8	0.7	-0.2	8341634	3.2	
27	778.779	1431.1	-2.1	-4.3	-0.4	1.3	-0.8	8476721	2.6	
27	778.479	1431.3	-2.3	-3.9	0.2	1.3	-1.1	8580943	2.2	
27	778.179	1431.4	-2.8	-5.2	0.5	0.1	-1.2	8687760	1.5	
27	777.879	1431.3	-2.6	-4.8	0.8	0.3	-1.3	8797269	1.1	
27	777.579	1431.4	-2.9	-6.4	1.2	-0.5	-1.3	8871822	0.9	
27	777.279	1431.7	-2.3	-6	1.4	-0.2	-1.1	8834388	0.5	
27	776.979	1431.7	-2.2	-6.7	1.1	-0.5	-0.8	8580943	0.4	
27	776.679	1431.8	-2.1	-6.5	1.1	0.2	-0.5	8178711	0.2	
27	776.379	1431.8	-2.5	-8.1	0.6	0.1	-0.1	7783457	0.7	
27	776.079	1431.8	-2.7	-8.4	0.6	-0.4	-0.1	7424646	0.6	
27	775.779	1431.5	-2.2	-8	0.5	0.2	-0.2	7145905	0.7	
27	775.479	1431.4	-2.7	-8.9	0.4	0.1	-0.2	6910066	0.7	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
27	775.179	1431.4	-2.1	-8.5	0.6	0.5	-0.3	6732315	0.3	
27	774.879	1431.3	-1.4	-8.7	0.4	0.4	-0.4	6584120	-0.4	
27	774.579	1431.3	-0.7	-8.4	0.7	0	-0.6	6462192	-1.4	
27	774.279	1431.2	-1.2	-8.6	0.8	-1.5	-0.8	6344697	-2	
27	773.979	1431.4	-1.7	-10.1	1.1	-1.6	-0.9	6268713	-2.3	
27	773.679	1431.4	-1	-9.4	1.1	-1.5	-0.9	6231399	-2.8	
27	773.379	1431.1	-0.6	-9.3	0.9	-1.7	-0.9	6194527	-3.4	
27	773.079	1431.1	-1.5	-10	0.8	-2.8	-0.8	6194527	-3.8	
27	772.779	1430.8	-1.7	-10.3	0.4	-3.5	-0.8	6268713	-3.8	
27	772.479	1430.8	-2.1	-11	0.1	-3.7	-0.5	6442308	-3.4	
27	772.179	1430.7	-2.1	-10.2	-0.2	-3.9	-0.4	6754032	-3.5	
27	771.879	1430.6	-1.2	-9.7	-0.3	-3.1	-0.2	7244810	-3.4	
27	771.579	1430.6	-2.2	-9.8	-0.6	-3.4	-0.1	7930871	-3.1	
27	771.279	1430.6	-2	-9.7	-0.7	-3.7	-0.1	8909575	-2.8	
27	770.979	1430.6	-2.4	-9.4	-0.6	-3.8	-0.1	10365099	-2.4	
27	770.679	1430.9	-2.4	-9.3	-0.6	-2.8	0.1	12389053	-2.2	
27	770.379	1431	-1.9	-7.9	-0.5	-2.4	0.2	15509259	-1.9	
27	770.079	1431.1	-2.3	-7.6	-0.3	-2	0.2	19940476	-1.6	
27	769.779	1431.2	-2.6	-7.7	-0.3	-2.2	0.2		-1.4	
27	769.479	1431.1	-1.7	-5	-0.5	-1.8	0.2		-1.3	
27	769.179	1431.2	-2	-4.5	-0.5	-1.4	0.2		-1.3	
27	768.879	1431.4	-1.2	-2.3	-0.5	-1.1	0.4		-1.3	
27	768.579	1431.5	-1.4	-2.3	-0.6	-1	0.5		-1.3	
27	768.279	1431.7	-2.1	-2	-0.8	-1.8	0.6		-1.3	
27	767.979	1431.7	-1.1	-0.6	-1.1	-1.4	0.7		-1.3	
27	767.679	1431.6	-1.7	-0.8	-1.3	-1.4	0.8		-1.1	
27	767.379	1431.9	-1.5	-0.5	-1.2	-1.1	1		-1	
27	767.079	1432.2	-1.2	0.5	-1.3	-1.3	1.4	19386574	-1	
27	766.779	1432.4	-1.5	0.3	-1.5	-1.6	1.6	16617064	-1	
27	766.479	1432.4	-0.8	2.2	-1.5	-1.5	1.6	14849291	-1	
27	766.179	1432.6	-0.9	1.2	-1.1	-1.6	1.5	13774671	-1	
27	765.879	1432.8	-0.7	1.6	-1	-1	1.4	12845092	-1.1	
27	765.579	1433.1	-0.1	2.7	-0.8	-1.3	1.4	12102601	-1.3	
27	765.279	1433	-0.5	2.1	-0.7	-1.5	1.2	11567680	-1.3	
27	764.979	1433	-0.2	2.7	-0.7	-1.6	1.1	11136968	-1.6	
27	764.679	1433	-0.1	2.2	-0.8	-1.6	1	10792526	-1.7	
27	764.379	1433.3	0.3	2.5	-0.5	-1.1	1	10416667	-2.1	
27	764.079	1433.2	0.6	2.7	-0.5	-1.5	0.9	10017943	-2.4	
27	763.779	1432.9	0.8	3.3	-0.8	-1	0.9	9693287	-2.6	
27	763.479	1433.1	0.6	3.3	-0.8	-1.6	1	9389014	-2.8	
27	763.179	1433.3	1	3.2	-0.8	-1.3	1	9143013	-3	
27	762.879	1433.4	1.1	3.8	-0.7	-1	1	9024785	-3.1	
27	762.579	1433.4	1.2	3.3	-0.5	-1.8	1	8909575	-3.2	
27	762.279	1433.3	0.8	2.2	-0.4	-0.6	0.8	8909575	-3.3	
27	761.979	1433.3	0.1	0.8	-0.4	-2.3	0.6	8909575	-3.3	
27	761.679	1433.2	0.2	1.4	-0.1	-1.7	0.4	8909575	-3.3	
27	761.379	1433	-0.6	1.1	0.1	-2.5	0.1	8909575	-3.4	
27	761.079	1432.9	-0.5	0.5	0.2	-2	-0.2	8834388	-3.5	
27	760.779	1433.1	-1.2	-0.6	0.3	-2.9	-0.3	8651860	-3.6	
27	760.479	1433.1	-1.5	0	0.4	-3	-0.6	8476721	-3.7	
27	760.179	1432.9	-0.1	1.6	0.2	-2.2	-0.7	8308532	-3.4	
27	759.879	1432.9	-3.8	-1.7	0.6	-4.8	-0.9	8083977	-2.8	
27	759.579	1432.8	-2.1	0	0.7	-2	-1.1	7841760	-1.7	
27	759.279	1432.7	-3.3	-2.1	0.8	-2.4	-1.1	7531475	-0.3	
27	758.979	1432.8	-3.7	-1.5	0.9	-1.7	-0.9	7170377	0.9	
27	758.679	1432.8	-4.7	-2.7	0.9	-1.9	-0.8	6864754	2.2	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
27	758.379	1432.9	-4.9	-2.5	0.7	-1.2	-0.5	6584120	3.1	
27	758.079	1433.2	-5.4	-3	0.8	-1.3	-0.2	6325529	3.6	
27	757.779	1433.3	-3.8	-1.9	0.5	-0.2	0.3	6086483	4.2	
27	757.479	1433.1	-4.3	-2	0	0.7	0.6	5848464	4	
27	757.179	1433	-3.8	-1.2	-0.3	0.8	0.9	5643531	3.7	
27	756.879	1432.9	-2.6	-0.9	-0.5	0.8	1	5524407	2.2	
27	756.579	1432.7	-1.6	0.4	-0.7	1	1	5438312	0.9	
27	756.279	1432.5	-0.7	0.5	-0.9	0.9	1	5382391	-0.7	
27	755.979	1432.3	0.1	1.5	-1.1	0.2	1	5314087	-1.9	
27	755.679	1432.1	0.6	2.7	-1.2	0.4	0.8	5247494	-3.1	
27	755.379	1432.2	1.3	2.4	-1	-1.7	0.6	5195410	-4.6	
27	755.079	1432.1	1.9	3.6	-0.9	-1.6	0.4	5157020	-5.4	
27	754.779	1432.1	0.2	1.7	-0.7	-3.9	0.2	5144349	-5.8	
27	754.479	1432.1	0.9	2.1	-0.6	-4	0.1	5169753	-5.7	
27	754.179	1432	0.4	1.9	-0.8	-4.6	0	5247494	-5.5	
27	753.879	1432	0.2	1	-0.5	-5.2	-0.2	5368590	-5.3	
27	753.579	1431.9	1	1.9	-0.5	-4.4	-0.2	5539021	-4.8	
27	753.279	1431.9	-0.3	0.4	-0.2	-5.3	-0.3	5799862	-4.2	
27	752.979	1431.9	0.5	0.6	0	-4.4	-0.5	6158088	-3.9	
27	752.679	1432	0.5	1	0.2	-4	-0.5	6646826	-3.3	
27	752.379	1432.2	0.4	0.6	0.4	-2.9	-0.5	7295296	-2.9	
27	752.079	1432.4	0.9	1	0.6	-2.7	-0.4	8022031	-2.7	
27	751.779	1432.8	0.6	0.3	0.7	-2	-0.2	8909575	-2.4	
27	751.479	1432.9	1	0.4	0.6	-1.5	-0.1	9922986	-2.4	
27	751.179	1432.9	1.1	0.3	0.6	-1.1	0.1	11078042	-2.2	
27	750.879	1432.8	1	0.4	0.2	-0.6	0.4	12244152	-2.1	
27	750.579	1432.6	0.7	-0.3	-0.1	-1.5	0.6	13335987	-2.1	
27	750.279	1432.5	0.6	-0.5	-0.2	-1	0.7	14052014	-1.9	
27	749.979	1432.5	0.5	-0.7	-0.6	-1.1	0.9	14340754	-1.9	
27	749.679	1432.3	0.9	0.1	-1	-0.9	1	14052014	-1.7	
27	749.379	1432.5	0	-0.1	-1.3	-1.2	1.3	13335987	-1.1	
27	749.079	1432.7	-0.1	-0.3	-1.7	-1.8	1.6	12462798	-1	
27	748.779	1432.5	-1	-0.4	-2	-2.2	1.7	11762641	-0.4	
27	748.479	1432.5	-0.6	-0.1	-2.2	-2	1.8	11078042	-0.6	
27	748.179	1432.3	-0.2	1	-2.4	-1.9	1.9	10628173	-0.6	
27	747.879	1432.1	-1.1	0.4	-2.7	-2	2	10365099	-0.5	
27	747.579	1432.2	-1	-0.9	-2.8	-2	2.2	10416667	-0.8	
27	747.279	1432.2	-0.7	3.1	-2.8	-3	2.3	10737180	-1.1	
27	746.979	1432.3	-0.3	1.8	-2.7	-2.5	2.2	11379076	-1.7	
27	746.679	1432.6	0.5	3.8	-2.4	-2.6	2.2	12172965	-2.5	
27	746.379	1432.7	0.5	4.2	-1.9	-2.5	2	13085938	-3	
27	746.079	1433.1	0.7	5.4	-1.6	-2.9	2	14243197	-3.6	
27	745.779	1433	1.5	6.4	-1.3	-3.2	1.9	15861743	-4	
27	745.479	1433.1	0.3	5.7	-1	-3.6	1.8	17895299	-4	
27	745.179	1433.1	0	3.8	-0.7	-4.7	1.5		-4.4	
27	744.879	1433.1	1.6	5.9	-0.3	-3.4	1.2		-4.4	
27	744.579	1433	1	4.8	-0.2	-4.3	0.8		-4.2	
27	744.279	1432.8	1.4	4	0	-4.4	0.4		-3.7	
27	743.979	1432.7	1	2.6	0.2	-4	0		-2.8	
27	743.679	1432.8	0.6	1.3	0.4	-3.6	-0.3		-2.2	
27	743.379	1432.6	1.5	1.4	0.6	-2.8	-0.7		-1.3	
27	743.079	1432.5	0.8	0.2	0.8	-1.8	-1.1		-0.6	
27	742.779	1432.3	1.7	0.4	0.8	-0.4	-1.5		0	
27	742.479	1432.2	1.8	-0.1	0.9	-0.1	-1.8		0.7	
27	742.179	1432.5	2.5	2.3	1.2	1.5	-1.8		0.9	
27	741.879	1432.2	3.8	2.9	1.1	2.1	-2		0.7	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
27	741.579	1432.2	3.9	3.5	1.2	2.7	-2		0.4	
27	741.279	1432.3	3.4	3.2	1.4	1.3	-2.1		-0.4	
27	740.979	1432.4	4.5	3.5	1.5	1.5	-2		-1.2	
27	740.679	1432.6	3.8	4.1	1.5	0.8	-1.7	-1.7E+07	-1.8	
27	740.379	1432.9	4.2	3.7	1.6	-0.1	-1.4	-1.4E+07	-2.6	
27	740.079	1433.1	3.7	3.2	1.5	-0.3	-1	-1.2E+07	-2.7	
27	739.779	1433.2	2.9	2.5	1.1	-2.7	-0.6	-1E+07	-3	
27	739.479	1433.3	3.4	2.5	1.2	-2.3	-0.3	-8909575	-3.2	
27	739.179	1433.4	2.2	1.6	1	-3.5	0	-7812500	-3.2	
27	738.879	1433.3	2.7	1.7	0.6	-2.3	0.1	-6887336	-2.8	
27	738.579	1433.3	2.1	1	0.4	-2.8	0.3	-6122076	-2.2	
27	738.279	1433.2	1.6	0.6	0.3	-2.8	0.3	-5495407	-1.9	
27	737.979	1433	1.7	1	0.1	-2.5	0.3	-4973278	-1.5	
27	737.679	1433	0.8	0.2	0.2	-2.4	0.2	-4531927	-1.4	
27	737.379	1432.8	2.7	2.2	0.3	-1	0	-4146040	-1.7	
27	737.079	1432.6	1.3	0.4	0.4	-1.6	-0.2	-3827697	-1.4	
27	736.779	1432.7	1.1	1.1	0.5	-0.9	-0.2	-3566866	-1.3	
27	736.479	1432.8	1.1	1.2	0.7	-1.5	-0.2	-3344649	-1.2	
27	736.179	1432.8	0.8	1.8	0.8	-1.2	-0.3	-3157994	-1.2	
27	735.879	1432.6	1.2	1.8	0.8	-1	-0.5	-2995351	-1.3	
27	735.579	1432.4	1.2	1.4	0.9	-1.1	-0.7	-2856413	-1.3	
27	735.279	1432.2	-0.1	1	0.9	-1.2	-0.9	-2733356	-1.1	
27	734.979	1431.8	1	2	0.9	-1.8	-1.1	-2630340	-1.1	
27	734.679	1431.5	-0.4	0.3	1	-2.1	-1.3	-2540959	-0.7	
27	734.379	1431.4	-0.8	-0.5	1	-2.2	-1.4	-2466137	-0.8	
27	734.079	1431.3	0	-0.5	1	-1.4	-1.4	-2414937	-0.8	
27	733.779	1431.4	-0.5	-1	1	-1.6	-1.4	-2381969	-0.8	
27	733.479	1431.4	0.2	-0.5	1	-1.7	-1.4	-2363150	-1	
27	733.179	1431.3	0.2	-1.3	1.2	-1.9	-1.5	-2360485	-1	
27	732.879	1431.3	-0.7	-1	1.1	-1.7	-1.6	-2373867	-1.1	
27	732.579	1431.2	0.7	0.7	1.3	-1.9	-1.7	-2401090	-1.3	
27	732.279	1430.9	0.8	-0.8	1.3	-1.1	-1.8	-2443116	-1.6	
27	731.979	1430.8	0.1	-0.9	1.3	-1.6	-1.8	-2489596	-1.8	
27	731.679	1430.6	0.2	-1.2	1.3	-2	-1.9	-2540959	-1.8	
27	731.379	1430.7	-0.1	-1.1	1.5	-1.8	-2	-2591275	-1.9	
27	731.079	1430.9	0.7	0.1	1.8	-2	-2.1	-2640291	-2.5	
27	730.779	1430.9	1	-0.5	1.8	-2.1	-2.1	-2677430	-2.8	
27	730.479	1431.3	0	-0.8	2	-2.9	-2	-2694660	-3.5	
27	730.179	1431.3	1.6	-0.1	1.8	-3	-1.9	-2691196	-4	
27	729.879	1431.2	1	-0.8	1.8	-4.1	-1.9	-2667198	-4.3	
27	729.579	1431.2	0.7	-1.8	1.7	-3.9	-1.9	-2620464	-4.7	
27	729.279	1431	0.9	-2.9	1.6	-4.1	-2	-2556472	-4.9	
27	728.979	1431	0.2	-3.7	1.5	-4	-2	-2480747	-4.9	
27	728.679	1431	0.3	-3.1	1.4	-4.9	-2.1	-2401090	-5.1	
27	728.379	1431	0.5	-4	1.4	-4.5	-2.1	-2313537	-5.1	
27	728.079	1431.3	-0.5	-4.3	1.4	-4.8	-2.1	-2229766	-5.1	
27	727.779	1431.6	0.5	-3.7	1.6	-4.4	-2.1	-2154065	-5.1	
27	727.479	1431.6	0.8	-2.9	1.7	-3.1	-2.1	-2089572	-4.8	
27	727.179	1432	-0.2	-3.1	1.9	-4.3	-1.9	-2038706	-4.6	
27	726.879	1432.2	0.1	-3.3	2.2	-3.5	-1.8	-2001674	-4.1	
27	726.579	1432.4	-1.3	-3.5	2.2	-3.8	-1.7	-1973375	-3.4	
27	726.279	1432.5	-0.6	-3.3	2.5	-2.9	-1.7	-1956776	-2.6	
27	725.979	1432.6	-1.1	-3.2	2.4	-2.3	-1.6	-1951306	-1.4	
27	725.679	1432.8	-1.5	-3.1	2.4	-1.8	-1.5	-1956776	-0.5	
27	725.379	1432.8	-2	-3.7	2.2	-1.4	-1.5	-1973375	0.9	
27	725.079	1432.9	-2.8	-3.6	2.2	-1.2	-1.5	-1995949	1.9	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
27	724.779	1432.9	-1.7	-4.4	2	0.4	-1.6	-2022948	2.4	
27	724.479	1432.6	-1.9	-3.2	1.8	1	-1.7	-2052697	3.4	
27	724.179	1432.8	-2	-3.1	1.6	1.9	-1.4	-2081263	3.6	
27	723.879	1432.5	-0.8	-1.9	1.1	2.1	-1.2	-2106389	3.3	
27	723.579	1432.5	-0.8	-1.6	1	2	-1	-2129960	2.8	
27	723.279	1432.5	0.2	-1	0.8	2.1	-0.8	-2149641	1.8	
27	722.979	1432.6	0.1	-1.1	0.8	1.4	-0.6	-2171941	0.9	
27	722.679	1432.7	-0.1	0	0.7	1	-0.5	-2197010	0	
27	722.379	1433	0.9	-0.1	0.9	-0.4	-0.3	-2225027	-1.2	
27	722.079	1432.9	1	1.4	0.8	-0.6	-0.2	-2261070	-2	
27	721.779	1432.8	0.8	1.6	0.8	-1.6	-0.3	-2300825	-2.9	
27	721.479	1432.7	1.4	1.4	0.9	-2.3	-0.4	-2344626	-3.4	
27	721.179	1432.5	1.1	1.6	1	-2.7	-0.6	-2390126	-3.8	
27	720.879	1432.2	1.4	1.2	1.1	-3.6	-0.9	-2434594	-4.2	
27	720.579	1432.1	1.1	0.9	1.4	-4	-1.2	-2471960	-4.3	
27	720.279	1432.1	0.6	1.3	1.6	-4.2	-1.5	-2498509	-4.5	
27	719.979	1432	1.9	1.2	1.5	-3.8	-1.7	-2513506	-4.7	
27	719.679	1432	1.2	0.4	1.8	-4.4	-2	-2522591	-4.7	
27	719.379	1431.9	1.1	1	1.8	-4.2	-2.3	-2522591	-4.6	
27	719.079	1431.8	1.4	1.2	2	-4	-2.5	-2516527	-4.4	
27	718.779	1431.7	0.8	0.9	1.9	-4.1	-2.7	-2501494	-4.1	
27	718.479	1431.5	1.4	0.7	2.1	-3.6	-3	-2483690	-4	
27	718.179	1431.3	1.6	0.6	2	-2.9	-3.1	-2463236	-3.6	
27	717.879	1431.3	0.7	0.7	1.8	-3	-3	-2440269	-3.2	
27	717.579	1431.5	1	-0.6	1.9	-3.4	-2.8	-2414937	-2.9	
27	717.279	1431.6	0.8	-0.2	1.8	-2.7	-2.5	-2390126	-2.6	
27	716.979	1431.9	0.5	-0.2	1.7	-2.6	-2.1	-2360485	-2.3	
27	716.679	1432	0.6	-0.3	1.6	-2.4	-1.7	-2334170	-1.9	
27	716.379	1432.5	0.4	0.2	1.7	-1.7	-1.1	-2313537	-1.5	
27	716.079	1432.6	0.6	0.3	1.4	-2.1	-0.6	-2305893	-1.4	
27	715.779	1432.8	0.6	0.1	1.4	-1.6	-0.2	-2310983	-1.2	
27	715.479	1433	0.4	0.9	1.2	-1.4	0.2	-2328977	-1.3	
27	715.179	1432.8	1.1	0.6	0.7	-0.8	0.3	-2365820	-1.2	
27	714.879	1432.7	0.6	-0.2	0.6	-1	0.3	-2426130	-0.9	
27	714.579	1432.6	0.6	0.8	0.4	-1	0.2	-2519555	-0.9	
27	714.279	1432.4	0.8	0.7	0.3	-0.8	0	-2646966	-0.9	
27	713.979	1432.2	0.4	1.7	0	-0.3	-0.2	-2799132	-0.6	
27	713.679	1432.1	1.2	1.8	0.1	0	-0.3	-2974077	-0.6	
27	713.379	1431.9	0.5	1.6	0.1	-0.3	-0.5	-3162765	-0.3	
27	713.079	1431.9	0.4	1.9	0.1	0.1	-0.5	-3350000	-0.2	
27	712.779	1432	0.5	2.5	0.5	-0.5	-0.5	-3513004	-0.3	
27	712.479	1432	0.6	3.4	0.6	-0.3	-0.5	-3641305	-0.3	
27	712.179	1432.2	0.9	2.6	0.6	-0.1	-0.3	-3705753	-0.4	
27	711.879	1432.2	0.8	2.7	0.6	-0.3	-0.2	-3692681	-0.4	
27	711.579	1432.2	-0.1	1.9	0.7	-0.9	-0.2	-3622405	-0.5	
27	711.279	1432	0.7	1.5	0.7	-1	-0.3	-3507119	-0.8	
27	710.979	1431.7	0.5	1.3	0.8	-1.3	-0.5	-3360755	-1.1	
27	710.679	1431.5	-0.2	-0.4	1	-2	-0.8	-3211273	-1.6	
27	710.379	1431.3	0.4	0.3	1.1	-1.8	-1.1	-3074523	-2.2	
27	710.079	1431.1	0.6	0.7	1.2	-1.9	-1.4	-2957275	-2.6	
27	709.779	1431.2	0.7	-0.2	1.4	-2.7	-1.6	-2864228	-3.2	
27	709.479	1431.2	0.7	-0.3	1.6	-3.1	-1.9	-2795394	-3.7	
27	709.179	1431.1	0.2	-0.6	1.7	-3.6	-2.2	-2751315	-4.1	
27	708.879	1431.1	0.7	-0.7	2	-4	-2.5	-2726238	-4.5	
27	708.579	1430.9	0.9	-0.2	2	-3.4	-2.7	-2726238	-4.7	
27	708.279	1430.7	0	-1.4	1.9	-4.2	-2.8	-2754935	-4.8	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
27	707.979	1430.6	-0.5	-1.6	1.8	-5.4	-2.9	-2802879	-4.7	
27	707.679	1430.6	-0.7	-1.3	1.9	-5	-3	-2864228	-4.1	
27	707.379	1430.7	-0.4	-2.3	1.8	-4.2	-3	-2932424	-3.6	
27	707.079	1430.7	-0.6	-1.8	1.5	-3.7	-3	-3016931	-2.9	
27	706.779	1431	-0.4	-1.5	1.7	-2.2	-2.8	-3111070	-2.1	
27	706.479	1431.2	-0.4	-1.8	1.4	-1.9	-2.5	-3206356	-1.4	
27	706.179	1431.5	-1.3	-2.1	1.4	-2	-2	-3286892	-0.3	
27	705.879	1431.7	-1	-2.4	1.1	-0.8	-1.4	-3355369	0.2	
27	705.579	1432	-0.1	-1.7	1	0.3	-0.8	-3410017	0	
27	705.279	1432.3	-0.2	-0.9	0.8	0.4	-0.1	-3455033	-0.1	
27	704.979	1432.7	-0.2	-1.2	0.3	0	0.7	-3495409	-0.5	
27	704.679	1433.1	-0.2	-1	-0.1	-0.1	1.6	-3524832	-0.9	
27	704.379	1433.1	-0.8	-1.3	-0.9	-1.2	2.3	-3548729	-1	
27	704.079	1433.4	-0.4	-1	-1.2	-0.9	2.9	-3560800	-1.4	
27	703.779	1433.3	-0.1	-0.5	-1.7	-0.5	3.2	-3572953	-1.7	
27	703.479	1433.2	0	-0.6	-2	-0.3	3.2	-3585189	-1.8	
27	703.179	1433	-0.2	-0.8	-2.1	-1.3	2.9	-3616149	-1.8	
27	702.879	1432.7	-0.7	-1.1	-2	-1.4	2.3	-3654014	-1.6	
27	702.579	1432.7	-0.9	-2	-1.6	-1.1	1.6	-3712323	-1.4	
27	702.279	1432.6	-1.4	-2	-1.1	-2	0.7	-3779333	-1.4	
27	701.979	1432.3	-0.8	-1.4	-0.4	-0.9	-0.4	-3863008	-1.4	
27	701.679	1432.2	-1.4	-2.2	0.3	-2	-1.4	-3980514	-1.4	
27	701.379	1432.2	-1.3	-1.7	1.4	-2.4	-2.3	-4129685	-1.5	
27	701.079	1432.2	-1.9	-3.1	2.3	-3	-3.2	-4308128	-1.7	
27	700.779	1432.3	-1.3	-1.8	3	-2.6	-3.8	-4522139	-2	
27	700.479	1432.5	-1.6	-2	3.6	-2.9	-4.1	-4769363	-1.9	
27	700.179	1432.7	-2.2	-2.7	3.8	-3.5	-4.2	-5069613	-2	
27	699.879	1432.9	-1.3	-1.9	3.8	-3.1	-4	-5424223	-2.2	
27	699.579	1433	-1.8	-2.7	3.8	-3.8	-3.8	-5815972	-2.1	
27	699.279	1433.1	-1.2	-2	3.5	-3.3	-3.5	-6231399	-2.6	
27	698.979	1432.9	-0.7	-0.6	3	-3.1	-3.2	-6754032	-2.9	
27	698.679	1433	-1.2	-1.9	2.6	-2.8	-2.7	-7398410	-2.8	
27	698.379	1433.2	-1.3	-1.8	2	-3.5	-2.2	-8210785	-2.8	
27	698.079	1433.3	-0.6	-0.4	1.7	-2.4	-1.8	-9305556	-2.8	
27	697.779	1433.5	-0.4	-0.8	1.2	-2	-1.4	-1.1E+07	-2.8	
27	697.479	1433.7	0.7	0.1	1	-1.6	-1.1	-1.3E+07	-2.9	
27	697.179	1433.8	0.6	-0.1	0.5	-1.1	-0.5	-1.8E+07	-2.6	
27	696.879	1434	0.5	-0.2	0.2	-1.4	0		-2.5	
27	696.579	1434	0.4	0.2	0.2	-1.9	0.3		-2.2	
27	696.279	1434.1	-0.5	-1.2	0.2	-2.2	0.5		-2	
27	695.979	1434.4	0.1	-0.8	0.3	-1.5	0.7		-1.9	
27	695.679	1434.4	-0.3	-0.3	0.2	-1.7	0.8	19752359	-1.5	
27	695.379	1434.7	-0.2	0.3	0.3	-1.2	1	15062950	-1.4	
27	695.079	1434.7	0.2	0.9	0.2	-1.8	1	12766768	-1.3	
27	694.779	1434.5	-0.1	0.3	0.3	-1.5	0.8	11696928	-1.1	
27	694.479	1434.6	0	0.6	0.3	-1.4	0.6	11379076	-1.1	
27	694.179	1434.1	1	1.4	0.2	-0.5	0.2	11631945	-1.1	
27	693.879	1433.7	0.5	0.9	0	-0.3	0	12689394	-1.2	
27	693.579	1433.5	0.6	1.9	-0.1	-0.7	-0.1	14744718	-1.3	
27	693.279	1433.4	0.4	1.4	-0.1	-0.3	0	18528761	-1.2	
27	692.979	1433.3	-0.3	-0.2	-0.4	-0.8	0.1		-1.3	
27	692.679	1433.4	0.8	1	-0.6	-0.8	0.4		-1.6	
27	692.379	1433.1	0	0.2	-1.1	-1	0.5		-1.6	
27	692.079	1433.3	0.1	0.3	-1.5	-1.1	0.9		-1.9	
27	691.779	1433.3	0.3	1.1	-1.8	-2	1.4		-2.1	
27	691.479	1433.3	-0.3	0.1	-2	-2.3	1.7		-2.2	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
27	691.179	1433	0	0.1	-2.2	-2.7	1.8		-2.5	
27	690.879	1432.6	-0.7	-0.7	-2.4	-2.8	1.8		-2.5	
27	690.579	1432.5	-1.3	-1.1	-2.1	-3.4	1.6	16885081	-2.7	
27	690.279	1432.6	-0.1	0.6	-1.7	-2.8	1.5	12172965	-2.8	
27	689.979	1432.8	-1.1	-0.2	-1.1	-3.5	1.3	9604358	-2.7	
27	689.679	1433.3	-1.4	0	-0.4	-4	1	8083977	-2.5	
27	689.379	1433.3	-0.6	0.2	0	-3.2	0.5	7121599	-2.2	
27	689.079	1433.5	-0.8	0.6	0.2	-3.1	0.4	6522586	-1.9	
27	688.779	1433.3	-0.2	1.1	0.3	-2.4	0.2	6194527	-1.6	
27	688.479	1433	-1.3	0.6	0.1	-2.9	0.1	6086483	-1.3	
27	688.179	1432.7	-0.9	0.4	-0.4	-1.5	0.2	6086483	-0.9	
27	687.879	1432.2	-0.9	0.7	-1.4	-2	0.3	6104228	-0.6	
27	687.579	1432.1	-0.7	1.5	-2.2	-2	0.7	6086483	-1.1	
27	687.279	1432	0.1	1.4	-2.9	-1.5	1	5982143	-1.9	
27	686.979	1432.3	0.4	2.2	-3.4	-1.8	1.6	5832173	-2.4	
27	686.679	1432.6	1.1	2.3	-3.6	-1.9	1.9	5628360	-3.3	
27	686.379	1432.6	1.2	1.9	-3.7	-2.5	2.1	5354860	-3.8	
27	686.079	1432.9	1.4	2.6	-3.5	-1.7	2.4	5057367	-3.9	
27	685.779	1433.3	0.8	2.1	-3	-3.2	2.5	4780251	-4.3	
27	685.479	1433.9	1	1.6	-2.1	-3.2	2.5	4531927	-4.5	
27	685.179	1434.3	1.6	2	-1.6	-2.8	2.4	4352911	-4.6	
27	684.879	1434.6	0.8	0.1	-1	-3.6	2.2	4212777	-4.3	
27	684.579	1434.9	0.2	-0.4	-0.6	-3.5	2.1	4113458	-3.5	
27	684.279	1435.1	0.2	-0.3	-0.4	-3.8	1.9	4049807	-3.2	
27	683.979	1435	0	-0.4	0	-3.5	1.4	3995706	-3	
27	683.679	1435	-0.2	0.3	0.1	-3.4	0.9	3957940	-2.6	
27	683.379	1434.9	0.3	0.2	0.2	-2.6	0.3	3928237	-2.6	
27	683.079	1434.8	0.4	0.7	0.1	-2.3	-0.1	3913552	-2.4	
27	682.779	1434.9	0.3	0.5	0.1	-2.4	-0.3	3906250	-2.5	
27	682.479	1434.8	0.1	-0.1	0.4	-2.7	-0.6	3928237	-2.6	
27	682.179	1434.6	0	0.1	0.3	-2.4	-0.8	3957940	-2.7	
27	681.879	1434.5	0.5	0.5	0.3	-2.2	-0.9	4011016	-3	
27	681.579	1434.7	-0.2	-1.2	0.6	-3.2	-0.7	4089356	-3.1	
27	681.279	1435.1	-0.1	-0.6	0.6	-2.6	-0.2	4195892	-3.1	
27	680.979	1435.5	-0.3	-0.9	0.7	-3.5	0.4	4334886	-3	
27	680.679	1435.7	-0.4	-0.8	0.7	-3.2	0.7	4512393	-2.9	
27	680.379	1435.8	-1.2	-0.9	0.8	-3.9	0.7	4715653	-2.8	
27	680.079	1435.5	-0.5	-1.3	0.7	-2.9	0.4	4914906	-2.7	
27	679.779	1435.3	-0.8	-0.8	0.6	-2.9	0.1	5094283	-2.4	
27	679.479	1435.1	-0.8	-0.9	0.6	-3.1	-0.3	5221322	-2.3	
27	679.179	1434.6	-0.2	-0.5	0.4	-2.1	-0.8	5260679	-2.2	
27	678.879	1434.3	-1	-0.7	0.5	-2.7	-1.5	5273930	-2.2	
27	678.579	1434	0.1	0.1	0.6	-1.1	-2.1	5247494	-1.9	
27	678.279	1433.8	-0.5	0.2	0.5	-0.9	-2.2	5169753	-1.3	
27	677.979	1433.8	-0.6	0.7	0.3	-0.8	-1.9	5081918	-1.2	
27	677.679	1434.1	-0.7	-0.6	0.3	-1	-1.3	4985119	-1.1	
27	677.379	1434.7	-0.6	0.5	0.3	-0.4	-0.5	4938090	-1.2	
27	677.079	1435	-0.4	1	0	-1	0.4	4926471	-1.4	
27	676.779	1435.3	-0.4	0.2	-0.3	-1.4	1.3	4997017	-1.4	
27	676.479	1435.5	-0.9	-0.1	-0.9	-1.2	2.2	5106708	-1.6	
27	676.179	1435.6	-1.1	-0.9	-1.1	-3	2.8	5247494	-2.1	
27	675.879	1435.3	-1.3	0	-1.6	-2.8	3.1	5438312	-2.2	
27	675.579	1435.1	-0.8	0.1	-2	-3	3.2	5658784	-2.7	
27	675.279	1434.6	-1.1	-0.2	-2.4	-3.6	2.9	5897888	-2.8	
27	674.979	1434.5	-1.9	-1.2	-2.6	-3.8	2.6	6122076	-2.9	
27	674.679	1434.1	-0.7	-0.8	-2.7	-3.6	2	6325529	-3.1	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
27	674.379	1433.9	-0.6	-1	-2.4	-3.3	1.4	6522586	-2.9	
27	674.079	1434	-1.7	-2.8	-1.9	-3.9	0.9	6646826	-2.9	
27	673.779	1433.8	-0.6	-1.8	-1.5	-3	0.5	6667994	-2.8	
27	673.479	1433.9	-1	-2.4	-0.8	-2.7	0.3	6625791	-2.8	
27	673.179	1434.1	-0.5	-1.3	-0.2	-2.8	0.2	6502329	-3.2	
27	672.879	1434.2	0.1	-0.9	0.2	-2.8	0.2	6363982	-3.5	
27	672.579	1434.4	-1.4	-3	0.5	-3.5	0.1	6268713	-3.6	
27	672.279	1434.5	-0.1	-0.9	0.8	-3.4	0.1	6194527	-3.8	
27	671.979	1434.5	0	-0.2	0.7	-2.9	0.2	6122076	-3.5	
27	671.679	1434.6	-0.4	-0.6	0.3	-2.6	0.4	6086483	-3.4	
27	671.379	1434.1	0.4	0.4	-0.2	-2.4	0.4	6122076	-3.2	
27	671.079	1433.6	-0.9	-0.7	-0.7	-3.5	0.2	6250000	-2.9	
27	670.779	1433.2	-0.9	-1.2	-1	-3	-0.1	6482198	-2.8	
27	670.479	1432.9	-0.1	-0.5	-1	-2	-0.4	6754032	-2.4	
27	670.179	1433	-1.1	-1.4	-1.1	-1.3	-0.3	6979167	-1.8	
27	669.879	1433.1	-0.3	-0.4	-1.2	-0.9	-0.2	7097458	-1.5	
27	669.579	1433.3	-0.5	-0.5	-1.1	-1.6	0	7049664	-1.3	
27	669.279	1433.8	-0.7	-1.2	-0.7	-1.2	0.2	6842320	-1.5	
27	668.979	1434.1	-0.2	0	-0.3	-2.2	0.3	6482198	-2.1	
27	668.679	1434.3	0.4	0.5	0.2	-1.5	0.4	6016523	-2.4	
27	668.379	1434.4	-0.9	-0.6	0.2	-2.7	0.7	5524407	-2.6	
27	668.079	1434.4	-1.1	-0.7	0.2	-3.8	0.9	5119193	-2.8	
27	667.779	1434.4	-1.7	-0.5	0	-3.9	1.1	4813219	-2.9	
27	667.479	1434.5	-1.7	-1.2	0	-4.2	1.1	4601649	-3.1	
27	667.179	1434.3	-0.3	0.5	-0.4	-3	1.1	4483405	-3.2	
27	666.879	1434.1	-1.6	-0.8	-0.8	-3.8	1	4454788	-3	
27	666.579	1434	-0.6	-0.4	-1.2	-3.3	1	4512393	-2.9	
27	666.279	1433.8	0	1	-1.5	-2.9	1	4673549	-2.7	
27	665.979	1433.8	-0.7	-0.8	-1.6	-2.6	1	4903396	-2.6	
27	665.679	1433.6	0	0.5	-1.8	-2.2	1	5195410	-2.7	
27	665.379	1433.5	-0.2	0.4	-1.8	-2	1	5539021	-2.6	
27	665.079	1433.7	-1	-0.3	-1.7	-2.6	1.1	5931303	-2.5	
27	664.779	1433.9	-0.5	0.1	-1.1	-3.1	1.1	6422546	-2.4	
27	664.479	1434	-0.9	-0.5	-0.8	-2.4	1.1	6979167	-2.4	
27	664.179	1434.3	-0.1	0.3	-0.5	-2.2	1.3	7641424	-2.6	
27	663.879	1434.4	0.1	1	-0.2	-2.7	1.3	8408635	-2.6	
27	663.579	1434.5	-0.4	0.7	0.1	-2.6	1.1	9305556	-2.6	
27	663.279	1434.5	0.2	1.5	0.5	-3.1	0.9	10365099	-2.7	
27	662.979	1434.3	0	0.8	0.6	-2.5	0.6	11504121	-2.5	
27	662.679	1434	-0.1	1	0.5	-2.2	0.2	12537425	-2.6	
27	662.379	1433.5	0.7	2.6	0.3	-1.6	-0.2	13251582	-2.7	
27	662.079	1433.3	-0.2	0.5	0	-1.8	-0.4	13508065	-2.6	
27	661.779	1433	-0.3	0.3	-0.4	-2.6	-0.7	13251582	-2.9	
27	661.479	1432.7	0.3	2	-0.8	-1.8	-0.9	12689394	-2.7	
27	661.179	1432.7	0	0.6	-0.9	-1.7	-0.9	11829096	-2.8	
27	660.879	1432.7	1.1	2.1	-1	-0.9	-0.8	10904948	-3	
27	660.579	1432.7	0.2	0.7	-0.9	-0.9	-0.6	9970238	-2.7	
27	660.279	1432.9	0.1	0	-0.7	-1	-0.3	9143013	-2.6	
27	659.979	1433	-0.3	1.1	-0.6	-1.4	-0.1	8511179	-2.2	
27	659.679	1433.4	-1.2	-1.1	-0.4	-0.9	0.3	7961027	-1.9	
27	659.379	1433.9	-1.1	-1.1	-0.1	-0.5	0.6	7504480	-1.9	
27	659.079	1434.3	-1.2	-0.8	0.1	-0.5	0.9	7073480	-1.8	
27	658.779	1434.4	-1.8	-2.2	0.2	-0.4	1	6646826	-1.7	
27	658.479	1434.4	-2.2	-1.3	0	-1.7	1	6231399	-1.8	
27	658.179	1434.1	-3.1	-2.2	-0.2	-1.3	0.8	5864846	-1.7	
27	657.879	1433.9	-2.9	-2.8	-0.5	-1.2	0.7	5524407	-1.8	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
27	657.579	1433.8	-2.9	-1.8	-0.7	-1	0.7	5221322	-1.9	
27	657.279	1433.7	-4.1	-3.8	-0.9	-1.7	0.7	4949764	-1.9	
27	656.979	1433.8	-4.7	-4.2	-0.9	-2.5	0.7	4726298	-2.1	
27	656.679	1433.8	-5.3	-4.6	-0.9	-2.9	0.7	4541757	-2.1	
27	656.379	1433.7	-6.3	-6.1	-0.8	-3.9	0.6	4417194	-2.3	
27	656.079	1434	-5.8	-6.2	-0.5	-3	0.7	4325930	-2.5	
27	655.779	1434.3	-7.1	-6.2	0	-4.4	0.7	4264257	-2.6	
27	655.479	1434.5	-7.1	-6	0.3	-4.7	0.7	4229798	-2.8	
27	655.179	1434.5	-7.4	-5.7	0.5	-4.6	0.4	4221271	-2.8	
27	654.879	1434.3	-7.5	-5.8	0.8	-4.9	-0.1	4229798	-3.1	
27	654.579	1434.1	-7.5	-7.2	1	-4.1	-0.6	4238361	-3.4	
27	654.279	1433.7	-7.7	-6.1	1.2	-4.6	-1.2	4255590	-3.7	
27	653.979	1433.4	-7.6	-7	1.2	-4.1	-1.6	4272960	-3.7	
27	653.679	1433.3	-8.3	-8.3	1.4	-5	-1.9	4264257	-3.6	
27	653.379	1433.1	-7.5	-6.8	1.2	-3.5	-2	4195892	-3.7	
27	653.079	1433.1	-7.4	-7.4	1.1	-4	-1.8	4089356	-3.5	
27	652.779	1433.4	-8.3	-8.1	1.2	-4.4	-1.3	3972961	-3.4	
27	652.479	1433.5	-7.3	-6.3	1.2	-4	-0.8	3848806	-3.3	
27	652.179	1433.5	-8.9	-8.4	0.9	-5	-0.2	3725534	-2.8	
27	651.879	1433.6	-8.3	-7.4	0.5	-4.2	0.5	3616149	-2.6	
27	651.579	1433.8	-8.2	-8.1	0.3	-5.1	1.1	3524832	-2.7	
27	651.279	1433.7	-8	-8.1	-0.4	-4.3	1.6	3455033	-2.7	
27	650.979	1433.4	-8.2	-7.8	-0.9	-6.1	1.7	3421161	-3.1	
27	650.679	1433	-6.8	-7	-1.3	-4.9	1.7	3426760	-3.3	
27	650.379	1432.5	-7.2	-7.2	-1.9	-5	1.5	3455033	-3.3	
27	650.079	1431.9	-5.7	-5.6	-2.4	-4.3	1.4	3495409	-3.2	
27	649.779	1431.6	-5.9	-6.6	-2.9	-2.7	1.5	3518908	-3	
27	649.479	1431.5	-5.6	-5.4	-3.1	-3.3	1.6	3542725	-3.2	
27	649.179	1431.4	-4	-3.7	-3.5	-1.9	1.9	3560800	-3.2	
27	648.879	1431.7	-4.5	-4.8	-3.3	-1.8	2.2	3579060	-3.1	
27	648.579	1432	-2.9	-2.9	-2.9	-0.4	2.5	3585189	-2.9	
27	648.279	1432.1	-2.9	-4	-2.9	-0.3	2.8	3579060	-2.4	
27	647.979	1432.4	-2.6	-2.8	-2.5	-0.2	3.1	3542725	-2.2	
27	647.679	1432.4	-1.9	-2	-2.2	-0.1	3.3	3501255	-2.1	
27	647.379	1432.5	-3.6	-3.3	-2	-1.3	3.3	3460744	-2	
27	647.079	1432.4	-2.7	-1.5	-2.1	-0.8	3.1	3426760	-2.2	
27	646.779	1432.2	-2.4	-1.3	-2	-1.8	2.8	3387945	-2.4	
27	646.479	1431.8	-3.5	-2.3	-2.3	-2.6	2.3	3344649	-2.6	
27	646.179	1431.5	-2.5	-0.7	-2.7	-2.8	2	3286892	-2.8	
27	645.879	1431.3	-3.2	-1	-2.8	-3.2	1.7	3231096	-2.6	
27	645.579	1431	-2	1.1	-3	-2.4	1.4	3181991	-2.8	
27	645.279	1430.7	-2.1	0.8	-3	-2.7	1.1	3148497	-2.7	
27	644.979	1430.8	-2.7	0.2	-2.8	-2.6	1	3120343	-2.6	
27	644.679	1431.2	-2.5	1.6	-2.3	-3.2	1	3083579	-2.8	
27	644.379	1431.4	-2.1	2.6	-1.9	-2.8	0.9	3038825	-2.8	
27	644.079	1431.9	-2.5	2.8	-1.4	-3.5	1.1	2982550	-2.8	
27	643.779	1432.4	-2.1	4.2	-0.9	-2.9	1.4	2920154	-2.7	
27	643.479	1432.8	-2.3	3.5	-0.6	-2.6	1.9	2852521	-2.5	
27	643.179	1432.9	-2.1	5	-0.4	-3.2	2.2	2776857	-2.4	
27	642.879	1432.8	-2.4	4.7	-0.2	-2.6	2.1	2698132	-2.2	
27	642.579	1432.7	-1.8	5.6	-0.3	-1.9	1.9	2620464	-2.2	
27	642.279	1432.7	-1.5	6	-0.5	-1.5	1.6	2550244	-2	
27	641.979	1432.7	-1.8	5.7	-0.6	-1.9	1.3	2492560	-2	
27	641.679	1432.5	-0.1	7.6	-0.8	-0.7	0.8	2448831	-2.2	
27	641.379	1432.2	-1.3	6.3	-0.9	-1.8	0.3	2420521	-2.2	
27	641.079	1431.7	-1.2	7.1	-1.1	-1.7	-0.3	2403847	-2.3	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
27	640.779	1431.1	-0.5	7	-1	-0.8	-0.9	2390126	-2.2	
27	640.479	1431.1	-1.9	5.5	-0.7	-1.7	-1.1	2379262	-1.9	
27	640.179	1431.4	-1.4	6.9	0	-1.2	-1	2365820	-1.9	
27	639.879	1432	-1.4	5.9	0.2	-0.5	-0.5	2357827	-1.8	
27	639.579	1432.7	-1.8	7.1	0.6	-0.8	-0.1	2360485	-1.7	
27	639.279	1433.1	-0.8	7.5	0.7	-0.8	0.3	2368496	-1.7	
27	638.979	1433.2	-1.4	6.8	0.6	-0.7	0.6	2387401	-1.7	
27	638.679	1433.3	-1.2	6.8	0.6	-0.8	0.9	2417726	-1.8	
27	638.379	1433.1	-1.6	6.6	0.6	-0.5	1.1	2457454	-1.9	
27	638.079	1433	-1.9	4.9	0.1	-0.2	1.4	2507486	-2.1	
27	637.779	1432.2	-2.4	4.8	-0.8	-1.5	1.4	2559597	-2.2	
27	637.479	1431.9	-3.9	1.8	-1.3	-2.7	1.4	2607410	-2.2	
27	637.179	1431.7	-3.5	2.4	-1.7	-2.5	1.3	2636965	-2.6	
27	636.879	1431.6	-3.3	2.3	-2.1	-2.1	1.4	2643624	-2.8	
27	636.579	1431.7	-3.4	0.6	-2.1	-2.6	1.5	2636965	-3.1	
27	636.279	1431.8	-3.1	1.4	-2.3	-3.1	1.7	2620464	-3.4	
27	635.979	1431.8	-5.6	-2.7	-2.4	-5	1.8	2613921	-3	
27	635.679	1431.9	-5.6	-2.7	-2.5	-5.6	1.7	2620464	-2.9	
27	635.379	1431.8	-4.7	-2.1	-2.1	-4.5	1.4	2636965	-2.9	
27	635.079	1431.5	-5.4	-3.5	-2.1	-4.1	1	2663805	-2.7	
27	634.779	1431.5	-5.4	-1.8	-2	-4.6	0.7	2708603	-2.5	
27	634.479	1431.5	-7.2	-4.5	-1.8	-5.5	0.4	2776857	-1.7	
27	634.179	1431.4	-6.5	-4.1	-1.9	-4.6	0.1	2856413	-1.4	
27	633.879	1431.6	-5.6	-2.1	-1.5	-4.2	-0.1	2948944	-1	
27	633.579	1431.8	-5.5	-3	-1.2	-3	-0.2	3043242	-1.1	
27	633.279	1432.3	-3.9	-0.7	-1	-1.5	0	3148497	-1.7	
27	632.979	1432.8	-3.7	-1.7	-0.8	-2.4	0.4	3246125	-2.1	
27	632.679	1433.4	-4	-1.9	-0.7	-2.3	1	3323413	-2.5	
27	632.379	1433.8	-3.1	-0.4	-0.6	-2.2	1.4	3371579	-2.9	
27	632.079	1434.2	-3.5	-1	-0.4	-1.6	1.7	3382472	-3.1	
27	631.779	1434.6	-3.1	-1	-0.2	-1.9	2	3366158	-3.5	
27	631.479	1434.6	-1.7	0.8	-0.4	-2.4	2.1	3318146	-3.9	
27	631.179	1434.6	-1.6	0.5	-0.4	-2.3	2.2	3246125	-4	
27	630.879	1434.6	-2.5	-0.2	-0.5	-4	2.2	3148497	-4.1	
27	630.579	1434.5	-2.1	0	-0.4	-3.4	2.1	3038825	-3.7	
27	630.279	1434.6	-2.9	-0.5	-0.4	-3.5	2	2940661	-3.4	
27	629.979	1434.5	-2.1	-0.3	-0.5	-3.3	1.7	2860315	-3.2	
27	629.679	1434.2	-2.8	-1.3	-0.9	-3	1.4	2810403	-2.8	
27	629.379	1434.3	-2.8	-1	-1.1	-3.2	1.3	2773179	-2.7	
27	629.079	1434.1	-0.8	-0.7	-1.3	-2.3	1.2	2751315	-2.7	
27	628.779	1433.7	-1.1	0.2	-1.6	-2.5	1.1	2736929	-2.4	
27	628.479	1433.5	-1.3	-0.1	-1.5	-2.3	1.1	2733356	-2.4	
27	628.179	1432.9	-1.1	-0.6	-1.9	-2.3	1.1	2736929	-2.1	
27	627.879	1432.7	-1.7	0.2	-2.2	-2.4	1.4	2751315	-1.9	
27	627.579	1432.7	-0.8	0.6	-2.4	-1.9	1.8	2773179	-1.9	
27	627.279	1433.1	-1.6	-0.2	-2.4	-2	2.4	2806636	-1.8	
27	626.979	1433.7	-1.6	0.2	-2.4	-2.3	2.9	2848640	-1.9	
27	626.679	1433.8	-0.6	0.2	-2.3	-2.9	3	2916087	-1.9	
27	626.379	1433.7	-0.5	0.9	-2.1	-2.7	2.8	3012590	-2	
27	626.079	1433.3	-0.2	1	-2	-2.5	2.2	3129672	-2.3	
27	625.779	1432.8	0.4	2	-1.7	-2	1.5	3271485	-2.4	
27	625.479	1432.4	0.5	2.4	-1.6	-2	0.9	3415580	-2.5	
27	625.179	1432.1	0.6	3	-1.4	-2.3	0.3	3530776	-2.5	
27	624.879	1432	0	3.9	-1.2	-2.1	-0.3	3597509	-2.7	
27	624.579	1432.1	0.5	4	-1	-2.1	-0.9	3622405	-3.1	
27	624.279	1432.1	1.5	4.8	-0.9	-1.6	-1.2	3603701	-3.3	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
27	623.979	1432.3	1.5	4.9	-0.7	-1.8	-1.2	3542725	-3.5	
27	623.679	1432.7	1.4	4.5	-0.5	-2.3	-0.8	3460744	-3.7	
27	623.379	1433.1	1.2	6.8	-0.4	-2.3	-0.4	3382472	-3.7	
27	623.079	1433.6	1.7	7.3	-0.2	-2.2	0.2	3333997	-3.7	
27	622.779	1433.7	1.7	6.4	-0.1	-2.2	0.6	3328697	-3.5	
27	622.479	1434	0.4	5.8	0	-2.4	1	3377017	-3.2	
27	622.179	1434.4	0.6	6	0.1	-2.5	1.4	3460744	-3.2	
27	621.879	1434.5	0.3	7.5	-0.1	-2.4	1.6	3572953	-2.8	
27	621.579	1434.7	0.2	6.7	-0.1	-2.7	1.7	3692681	-2.7	
27	621.279	1434.7	0.2	5.8	-0.4	-2	1.7	3813753	-2.5	
27	620.979	1434.9	-0.7	4.8	-0.5	-2.2	1.7	3928237	-2.3	
27	620.679	1434.8	-0.2	3.7	-0.8	-2	1.5	4018714	-2.3	
27	620.379	1434.3	0.2	3.9	-1.2	-1.6	1.2	4097359	-2	
27	620.079	1434.1	-0.8	3.2	-1.3	-1.2	1	4162525	-2.1	
27	619.779	1433.8	-0.6	2.5	-1.4	-1.6	0.8	4221271	-2	
27	619.479	1433.9	-1.8	1.7	-1.3	-2.3	0.9	4281698	-2	
27	619.179	1433.9	-1.1	2	-1	-2.1	0.9	4371086	-2.2	
27	618.879	1434	-2	-0.3	-0.6	-3.3	1	4502689	-2.4	
27	618.579	1434.3	-2.8	-1.2	-0.2	-3.6	1	4684005	-2.6	
27	618.279	1434.7	-2.6	-0.1	0.5	-4.4	1	4914906	-2.9	
27	617.979	1434.9	-2.1	0	1.2	-4.1	1	5182550	-2.7	
27	617.679	1434.9	-3.8	-0.9	1.5	-5.2	0.8	5524407	-2.5	
27	617.379	1434.5	-2.5	-0.4	1.5	-4	0.5	5965100	-2.3	
27	617.079	1434.1	-3.3	-0.5	1.3	-3.3	0.2	6584120	-1.9	
27	616.779	1433.4	-2.7	0.1	1	-3.1	-0.3	7372359	-1.7	
27	616.479	1432.6	-2.4	-1.6	0.6	-1.4	-0.8	8308532	-1.1	
27	616.179	1432.2	-2.8	-1.7	0.1	-0.9	-0.9	9264381	-0.7	
27	615.879	1431.6	-1.9	-0.6	-0.3	0.1	-1.1	10017943	-0.3	
27	615.579	1431.1	-1.7	-0.6	-0.9	0.9	-1	10416667	-0.1	
27	615.279	1431.1	-1.4	0.3	-1.2	1.5	-0.6	10468750	-0.4	
27	614.979	1431.2	-1	-0.2	-1.2	0.7	-0.1	10163835	-0.8	
27	614.679	1431.3	-2	-0.4	-1.3	-0.3	0.3	9604358	-1.3	
27	614.379	1431.4	-1.4	0.2	-1.2	-0.4	0.7	8909575	-1.9	
27	614.079	1431.5	-2.1	-1.5	-1.2	-1.3	1.1	8243110	-2.2	
27	613.779	1431.7	-2.3	-1.8	-1.2	-2.2	1.3	7697610	-3	
27	613.479	1431.3	-2	-1.8	-1.5	-2.8	1.2	7346491	-3.3	
27	613.179	1431.1	-3.2	-3.6	-1.5	-4	0.9	7145905	-3.4	
27	612.879	1430.9	-2.8	-3.3	-1.5	-4.1	0.5	7097458	-3.5	
27	612.579	1430.5	-2.4	-3	-1.9	-3.9	0.1	7097458	-3.5	
27	612.279	1430.4	-2.8	-2.8	-1.9	-3.7	-0.1	7170377	-3.3	
27	611.979	1430.3	-3.2	-3.7	-1.9	-4.1	-0.2	7320804	-2.9	
27	611.679	1430.7	-3.6	-5.1	-1.8	-3.2	0.1	7477679	-2.4	
27	611.379	1431	-3.5	-5	-1.4	-3.1	0.3	7669414	-2.1	
27	611.079	1431.6	-3.2	-4.6	-0.8	-2.3	0.6	7841760	-1.6	
27	610.779	1432.3	-3.5	-4.7	-0.1	-2.3	1	7991412	-1.3	
27	610.479	1432.8	-3	-4.7	0.3	-1.1	1.1	8052885	-1	
27	610.179	1433.3	-3	-4.7	0.8	-1.6	1.2	8022031	-0.8	
27	609.879	1433.6	-2.8	-3.2	1.3	-1	1	7930871	-0.5	
27	609.579	1433.5	-2.6	-3.2	1.4	-0.4	0.7	7754630	-0.2	
27	609.279	1433.2	-3.4	-3.7	1	-0.9	0.3	7531475	-0.1	
27	608.979	1432.6	-2.7	-2.9	0.5	0	-0.2	7269965	0	
27	608.679	1432.2	-3	-3.2	0.1	0	-0.7	7002509	0	
27	608.379	1431.8	-1.9	-1.2	-0.3	0.8	-1	6732315	0	
27	608.079	1431.9	-3	-2.8	-0.2	0.2	-1.1	6482198	0	
27	607.779	1432	-2	-2.2	-0.1	0.5	-1.1	6250000	-0.4	
27	607.479	1432.1	-1.8	-1	0	0.1	-1	5982143	-0.8	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
27	607.179	1432.5	-1.7	-1.1	0.6	0.1	-0.9	5705041	-1.1	
27	606.879	1433.2	-1.6	0.2	1.3	-0.1	-0.5	5481021	-1.4	
27	606.579	1433.5	-2	-0.9	1.8	-0.3	-0.2	5300633	-1.5	
27	606.279	1433.9	-2.8	-0.8	2	-1.8	0.2	5144349	-1.7	
27	605.979	1433.9	-1.9	0.9	2	-1.7	0.5	5069613	-2	
27	605.679	1433.6	-3.3	-0.7	1.5	-2.5	0.7	5033053	-2	
27	605.379	1433.2	-2.7	-0.6	1	-3.2	0.8	5045181	-2.6	
27	605.079	1432.6	-2.6	1.2	0.1	-2.7	0.9	5157020	-2.2	
27	604.779	1432.2	-3.1	-0.6	-0.6	-3.8	0.9	5368590	-2.7	
27	604.479	1431.5	-2.4	0.9	-1.7	-2.9	0.8	5674120	-2.6	
27	604.179	1431.2	-3.7	-1	-2.5	-4	0.7	6033862	-2.8	
27	603.879	1431.1	-2.3	0.1	-2.9	-2.8	0.6	6422546	-3.1	
27	603.579	1431	-2.6	0.2	-3	-3.3	0.5	6797890	-3	
27	603.279	1430.9	-2.6	-0.7	-3	-2.7	0.4	7145905	-3.2	
27	602.979	1430.9	-2.1	-0.4	-2.8	-3	0.4	7398410	-3.2	
27	602.679	1431.1	-2.4	-1	-2.3	-2.7	0.6	7504480	-3.2	
27	602.379	1431.4	-2.4	-1.4	-1.8	-2.6	0.7	7424646	-3.2	
27	602.079	1431.7	-2.5	-0.5	-1.2	-2.5	0.8	7219828	-2.8	
27	601.779	1432.4	-3.1	-1.7	-0.5	-2.3	1	7002509	-2.5	
27	601.479	1432.9	-2.4	-0.3	0	-2.1	1	6864754	-2.4	
27	601.179	1433.1	-2.6	-0.3	0.1	-1.6	1.1	6820033	-2	
27	600.879	1433.4	-2.9	-0.9	0.3	-2.2	1.2	6842320	-1.9	
27	600.579	1433.3	-1.9	1.3	0.1	-1.4	1.3	6932947	-1.9	
27	600.279	1433	-3.1	-0.3	-0.3	-2.1	1.3	7026007	-1.7	
27	599.979	1432.8	-2.8	-0.4	-0.8	-2.1	1.3	7145905	-1.4	
27	599.679	1432.7	-3.2	-0.4	-1.1	-1.9	1.4	7244810	-0.6	
27	599.379	1432.6	-2.8	0.4	-1.9	-0.5	1.7	7295296	0	
27	599.079	1432.7	-3.1	0.5	-2.4	-0.8	1.9	7244810	0.6	
27	598.779	1432.9	-3.4	0.1	-2.5	-0.5	2.1	7073480	1	
27	598.479	1433	-2.6	0.6	-2.6	0.2	2.2	6797890	0.8	
27	598.179	1432.9	-2.7	0.8	-2.6	-0.1	2.2	6462192	1.1	
27	597.879	1432.9	-3.1	-0.1	-2.4	0.7	2.2	6158088	1.3	
27	597.579	1433.1	-1.7	1.3	-1.9	1.6	2.3	5897888	0.7	
27	597.279	1433.1	-1.4	1.4	-1.6	1.5	2.2	5674120	0	
27	596.979	1433.2	-1.6	1	-0.9	0.6	1.7	5481021	-0.9	
27	596.679	1433.4	-1	2.4	0	0.2	1	5368590	-1.6	
27	596.379	1433.5	-1.1	1.6	0.5	0.2	0.4	5314087	-1.9	
27	596.079	1433.4	-1.1	1.9	0.8	-0.8	-0.3	5314087	-2.4	
27	595.779	1433.3	-1	0.9	1.3	-1.3	-0.8	5341199	-2.8	
27	595.479	1433.1	-1.8	1.2	1.3	-1.6	-1.1	5382391	-3	
27	595.179	1432.6	-2.3	-0.3	1	-3.6	-1.5	5396263	-3.2	
27	594.879	1432.3	-2.6	-0.8	0.7	-4.1	-1.7	5410207	-3.2	
27	594.579	1432.1	-3.3	-1.6	0.4	-4.2	-1.8	5396263	-3.1	
27	594.279	1432.2	-2.5	-0.9	0	-3.4	-1.5	5354860	-2.8	
27	593.979	1432.4	-3	-1	-0.5	-3.6	-1	5273930	-2.6	
27	593.679	1432.8	-2.9	-0.1	-0.5	-4.1	-0.5	5169753	-2.7	
27	593.379	1432.7	-2.3	-0.4	-0.8	-3.5	-0.3	5045181	-2.5	
27	593.079	1433	-3.3	0	-0.6	-4	-0.1	4926471	-2.5	
27	592.779	1433.2	-2	0.7	-0.4	-2.7	0.1	4824309	-2.8	
27	592.479	1433.5	-2	0.6	-0.2	-3	0.4	4747733	-2.8	
27	592.179	1433.8	-2.7	0.4	0.2	-3.4	0.7	4705057	-2.8	
27	591.879	1433.9	-2.9	-0.5	0.4	-3.9	0.7	4663141	-2.7	
27	591.579	1434.2	-2.9	0.8	0.8	-3.3	0.7	4652778	-2.4	
27	591.279	1434.2	-1.8	0.5	0.8	-2.4	0.5	4642462	-2.2	
27	590.979	1434.2	-1.6	1	0.9	-2.1	0.5	4632191	-1.9	
27	590.679	1434.3	-1.7	0.9	0.6	-1.7	0.6	4611784	-1.8	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
27	590.379	1434.4	-1.9	0.2	0.5	-2.2	0.7	4591557	-1.5	
27	590.079	1434.3	-1	1.4	0.2	-1.5	0.7	4571507	-1.6	
27	589.779	1433.8	-0.9	1.5	-0.4	-1.3	0.6	4561547	-1.6	
27	589.479	1433.3	-0.9	1.6	-1	-0.7	0.5	4601649	-1.4	
27	589.179	1433	-1	2.1	-1.4	-0.8	0.5	4684005	-1.4	
27	588.879	1432.9	-0.4	2	-1.5	-0.8	0.5	4835451	-1.4	
27	588.579	1432.9	-0.4	2.2	-1.5	-1	0.5	5045181	-1.4	
27	588.279	1433.1	-0.3	2.6	-1.4	-1	0.6	5327608	-1.5	
27	587.979	1433.1	-0.3	1.6	-1.1	-0.9	0.5	5674120	-1.5	
27	587.679	1433.3	-0.2	2.9	-0.8	-1.4	0.4	6086483	-1.6	
27	587.379	1433.4	0.2	3	-0.3	-0.9	0.4	6563480	-1.5	
27	587.079	1433.6	-0.4	2.8	0.2	-1	0.4	7073480	-1.4	
27	586.779	1433.7	-0.2	2.6	0.5	-1.2	0.3	7451068	-1.6	
27	586.479	1433.5	-0.1	3	0.5	-1.5	0.2	7613637	-1.6	
27	586.179	1433.5	0	3.4	0.5	-1	0.2	7451068	-1.8	
27	585.879	1433.4	0.2	2.8	0	-1.2	0.3	7097458	-2	
27	585.579	1433	0.1	2.8	-0.3	-1.3	0.4	6689297	-1.9	
27	585.279	1433	0.2	3.3	-0.7	-0.9	0.7	6250000	-2	
27	584.979	1432.7	0.1	1.8	-1.1	-1.6	0.8	5832173	-1.9	
27	584.679	1432.7	-0.6	0.8	-1.4	-0.8	1	5481021	-2	
27	584.379	1432.8	-0.1	1.5	-1.5	-1.9	1.1	5221322	-2.4	
27	584.079	1432.8	0	1	-1.5	-1.2	1.3	5094283	-2.5	
27	583.779	1432.8	-1.1	0	-1.7	-2.7	1.4	5106708	-2.7	
27	583.479	1433.1	-0.9	0.2	-1.4	-2.9	1.5	5234375	-2.9	
27	583.179	1432.8	-0.6	0.4	-1.4	-2.8	1.4	5438312	-2.9	
27	582.879	1432.8	-1.5	0.3	-1.2	-3.9	1.3	5689538	-3.2	
27	582.579	1432.6	-0.5	1.8	-1	-2.8	1.3	5982143	-3.4	
27	582.279	1432.5	-3.2	-0.6	-0.9	-5.2	1.1	6268713	-3.6	
27	581.979	1432.7	-1	2.3	-0.7	-3.6	1.2	6502329	-3.8	
27	581.679	1432.6	-2.6	-0.1	-0.7	-5.2	1.1	6563480	-3.5	
27	581.379	1432.7	-2.2	0.8	-0.6	-4	1.1	6482198	-3.2	
27	581.079	1432.6	-2	0.9	-1	-3.6	1.2	6250000	-2.8	
27	580.779	1432.5	-1.4	0.9	-1.1	-2.7	1.4	5999284	-2.4	
27	580.479	1432.3	-1.9	1.4	-1.5	-1.9	1.5	5799862	-2	
27	580.179	1432	-2.3	-0.3	-1.6	-2.1	1.5	5643531	-1.1	
27	579.879	1431.9	-2.7	-0.7	-1.8	-0.7	1.4	5509869	-0.5	
27	579.579	1431.5	-2.3	0.4	-2	-0.9	1	5424223	-0.2	
27	579.279	1431.6	-1.8	1.1	-1.9	0.3	0.9	5368590	0	
27	578.979	1431.5	-1.7	1.2	-1.9	0.3	0.5	5368590	-0.1	
27	578.679	1431.6	-1.4	0.4	-1.8	-0.6	0.3	5396263	-0.4	
27	578.379	1431.7	-1.7	-0.1	-1.5	0.7	0	5410207	-0.5	
27	578.079	1431.7	-2.4	-0.7	-1.2	-2	-0.2	5396263	-0.5	
27	577.779	1431.7	-2.1	-0.2	-1	-1.4	-0.3	5327608	-0.4	
27	577.479	1432	-1.8	-0.8	-0.6	-1.5	-0.2	5221322	-1	
27	577.179	1432.3	-2.1	-1.2	-0.2	-1.9	-0.1	5094283	-1.4	
27	576.879	1432.7	-1.7	-0.8	-0.2	-2	0.2	4961493	-1.5	
27	576.579	1433.2	-1.9	-0.9	0.2	-2.9	0.4	4802179	-1.6	
27	576.279	1433.6	-0.4	0	0.2	-1.6	1	4621965	-1.3	
27	575.979	1433.9	-4.4	-4	0.4	-5.9	1.1	4454788	-1.7	
27	575.679	1433.8	0.2	0.5	0.5	-1.1	1	4325930	-2	
27	575.379	1433.9	0.1	0.4	0.6	-1	1.1	4229798	-2.1	
27	575.079	1433.8	0	0.2	0.5	-1.3	0.9	4195892	-2.2	
27	574.779	1433.7	-0.9	-1.1	0.3	-1.8	0.6	4195892	-2.3	
27	574.479	1433.8	-0.5	-0.1	0.4	-2.2	0.1	4238361	-2.8	
27	574.179	1433.7	0.6	0.8	0.3	-0.7	-0.5	4334886	-3.1	
27	573.879	1433.2	1.2	1.3	-0.1	-1.4	-1.1	4502689	-3.7	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
27	573.579	1433	1.3	1.3	-0.1	0.7	-1.5	4769363	-3.7	
27	573.279	1432.8	0.9	0.7	0	-0.5	-1.8	5144349	-3.5	
27	572.979	1432.7	0.1	0	0	-1.5	-1.8	5613271	-3	
27	572.679	1432.8	0.1	-0.1	0.2	-1.1	-1.7	6194527	-2.6	
27	572.379	1433.3	-0.6	-0.7	0.2	-1	-1.2	6932947	-2.4	
27	572.079	1434	-0.5	0.1	0.3	-0.5	-0.5	7812500	-2.2	
27	571.779	1434.6	-1.7	-1.6	0.2	-1	0.4	8909575	-1.3	
27	571.479	1435.1	-1.8	-1.8	0.3	-1.5	1.1	10114734	-1	
27	571.179	1435.3	-1.8	-0.7	0	-1.3	1.7	11256721	-0.6	
27	570.879	1435.3	-4.3	-3.4	0	-3.4	1.9	12244152	-0.5	
27	570.579	1435.1	-2.9	-2.3	0	-1.8	1.8	13085938	-0.6	
27	570.279	1434.9	-2.9	-1.4	-0.2	-1.4	1.7	13684641	-0.5	
27	569.979	1434.8	-3	-2.5	-0.4	-1.7	1.6	13865894	-0.8	
27	569.679	1434.5	-3.8	-0.6	-0.5	-2.3	1.2	13595779	-0.8	
27	569.379	1434.4	-4.5	-3.5	-0.5	-2.2	0.9	12689394	-0.8	
27	569.079	1434.2	-3.9	-1.3	-0.6	-2.2	0.5	11762641	-1.2	
27	568.779	1434.1	-3.4	-1.2	-0.6	-1.7	0.3	10848446	-1.4	
27	568.479	1434.1	-3.7	-1.7	-0.7	-1	0.4	10066106	-1.7	
27	568.179	1434	-3.5	-2.1	-1.1	-1.7	0.7	9347098	-2.1	
27	567.879	1434.1	-4.1	-2.2	-1.4	-2.4	1	8760460	-2.2	
27	567.579	1433.8	-3.7	-1.4	-2	-2.6	1.2	8275692	-2.4	
27	567.279	1433.6	-4.1	-1.4	-2.3	-3	1.4	7961027	-2.4	
27	566.979	1433.4	-4.4	-2.1	-2.8	-2.4	1.5	7754630	-2.4	
27	566.679	1433.5	-3.9	-2.1	-3	-2.8	1.7	7697610	-2.7	
27	566.379	1433.6	-4.5	-2.8	-3.1	-3.3	1.9	7726015	-2.5	
27	566.079	1433.6	-4.5	-3.1	-3.1	-3.2	1.9	7930871	-2.3	
27	565.779	1433.7	-4.8	-3.1	-2.6	-3.5	1.7	8243110	-2	
27	565.479	1434.1	-5	-2.6	-1.8	-3.5	1.5	8545919	-1.8	
27	565.179	1434.4	-3.9	-1.8	-0.8	-2.8	1.1	8909575	-1.9	
27	564.879	1434.5	-3.1	-1.3	0.1	-1.9	0.8	9223568	-1.7	
27	564.579	1435	-4.2	-2.1	1.3	-2.9	0.5	9431306	-1.6	
27	564.279	1435.4	-3.7	-2	2.5	-3.1	0	9431306	-1.8	
27	563.979	1435.6	-4	-2.1	3.5	-3	-0.5	9183114	-1.8	
27	563.679	1435.4	-3.4	-3	4	-3	-1.2	8797269	-1.9	
27	563.379	1435.1	-3.2	1.2	4.2	-2.2	-1.7	8341634	-1.6	
27	563.079	1434.8	-2.5	-2.7	4	-1.7	-2	7812500	-1.5	
27	562.779	1434.3	-2.3	-2.4	3.5	-1.7	-2.2	7346491	-1.4	
27	562.479	1433.7	-1.8	-1.8	2.7	-1.3	-2.3	6910066	-1.1	
27	562.179	1433	-1.3	-0.4	1.9	-0.5	-2.3	6625791	-1	
27	561.879	1432.2	-0.9	-0.4	0.6	0.2	-2.1	6502329	-0.9	
27	561.579	1431.7	-1.1	-1.7	-0.5	0.5	-1.7	6563480	-0.7	
27	561.279	1431.5	-0.1	-1.3	-1.1	0.7	-1	6732315	-1	
27	560.979	1431.6	-0.4	-1.7	-1.5	0.6	-0.3	7026007	-1.4	
27	560.679	1431.6	0.4	-0.5	-2.1	-0.2	0.3	7372359	-2.2	
27	560.379	1431.7	-0.1	-0.2	-2.3	-0.8	0.8	7754630	-2.4	
27	560.079	1432	-0.1	-0.2	-2.5	-1.7	1.3	8146887	-2.9	
27	559.779	1431.9	0.7	1.3	-2.7	-1.6	1.7	8580943	-3.2	
27	559.479	1432	-0.2	0.3	-2.7	-2.7	2.1	8871822	-3.5	
27	559.179	1432.1	-0.5	1.2	-2.7	-3.2	2.2	9024785	-3.9	
27	558.879	1431.8	-0.1	1.7	-2.6	-3.3	2	8986052	-3.9	
27	558.579	1431.8	-1.6	0.2	-2.6	-4	1.8	8834388	-3.7	
27	558.279	1432	-0.7	3.6	-2.2	-3.6	1.6	8723959	-3.5	
27	557.979	1432.1	-1	1.9	-2	-3.3	1.3	8651860	-3.3	
27	557.679	1432.7	-0.8	2.1	-1.4	-2.8	1.1	8651860	-3.2	
27	557.379	1432.8	-0.4	2.6	-0.9	-2.7	0.8	8723959	-2.9	
27	557.079	1433.1	-1.1	2.7	-0.4	-2.3	0.6	8871822	-2.5	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
27	556.779	1433.5	-1.3	3.2	0	-2	0.4	9143013	-2.2	
27	556.479	1433.4	-1.3	2.6	0	-1.7	0.3	9648618	-1.7	
27	556.179	1433.7	-2.1	1.3	0.3	-1.4	0.3	10468750	-1.4	
27	555.879	1433.7	-1.5	2.2	0.3	-1.2	0.1	11631945	-1.2	
27	555.579	1433.8	-2	1.5	0.4	-0.8	0.1	13085938	-0.6	
27	555.279	1433.9	-2.2	1.9	0.3	-0.8	0.1	14849291	-0.3	
27	554.979	1433.9	-1.9	1.8	0.4	-0.4	0.1	16750000	0.1	
27	554.679	1433.9	-2.4	1.7	0.5	0.1	0.1	18366228	0.5	
27	554.379	1434.1	-2.4	2	0.8	0.1	0.1	19567757	0.6	
27	554.079	1434.3	-2.4	1.5	1.4	0.4	0.1	19940476	0.6	
27	553.779	1434.4	-2.6	1.9	1.6	0.3	-0.1	19386574	0.4	
27	553.479	1434.5	-2.2	2.3	1.9	0.2	-0.2	17303719	0.2	
27	553.179	1434.4	-2.5	2.3	1.6	0.5	-0.1	15062950	0.1	
27	552.879	1434.3	-2.6	2.4	1.5	-0.2	-0.1	13085938	-0.4	
27	552.579	1434.1	-2.3	1.6	1	0	0.1	11504121	-0.5	
27	552.279	1433.4	-2.9	0.2	0.2	-1	0.1	10263481	-0.9	
27	551.979	1432.8	-2.4	1.8	-0.6	-1.1	0.1	9223568	-1.4	
27	551.679	1432.3	-3.1	0.6	-1.2	-1.7	0.1	8341634	-1.7	
27	551.379	1432.2	-2.8	1.2	-1.6	-1.7	0.3	7613637	-2.1	
27	551.079	1432	-3	0.4	-2.1	-2.1	0.4	7097458	-2.3	
27	550.779	1432	-3.7	-0.5	-2.1	-3.1	0.5	6667994	-2.5	
27	550.479	1432	-3.3	-0.8	-2	-2.6	0.4	6325529	-2.7	
27	550.179	1432.2	-3.7	-1.4	-1.8	-2.9	0.4	6051301	-2.9	
27	549.879	1432.3	-3.3	-1.5	-1.3	-2.5	0.3	5881320	-3	
27	549.579	1432.4	-2.9	-1.6	-1	-2.2	0.4	5848464	-2.9	
27	549.279	1432.5	-3.8	-2.9	-0.7	-2.6	0.5	5965100	-2.8	
27	548.979	1432.6	-3.7	-2.6	-0.4	-2.9	0.6	6231399	-2.8	
27	548.679	1432.8	-4.3	-4.2	-0.1	-2.9	0.7	6625791	-2.8	
27	548.379	1432.9	-3.7	-3.3	0.2	-2.2	0.7	7145905	-2.9	
27	548.079	1432.9	-4.2	-4.6	0.1	-2.3	0.9	7812500	-2.9	
27	547.779	1433.1	-5.1	-5	0.1	-3.2	1	8545919	-3	
27	547.479	1433.3	-4.7	-4.6	0.2	-3.2	1	9305556	-3.2	
27	547.179	1433.2	-4.7	-5.4	-0.1	-3.2	1	9783879	-3.3	
27	546.879	1433.1	-4.8	-4.6	0	-3.6	0.8	9876179	-3.8	
27	546.579	1432.7	-4.4	-3.9	-0.1	-3.5	0.5	9560502	-4.1	
27	546.279	1432.3	-5.4	-5.3	-0.2	-4.1	0.2	9063853	-4	
27	545.979	1432	-5.1	-3.5	-0.2	-4.4	-0.1	8580943	-3.8	
27	545.679	1431.8	-6.2	-5.5	-0.2	-4.5	-0.3	8146887	-3.1	
27	545.379	1431.9	-6	-5	-0.1	-4	-0.4	7841760	-2.6	
27	545.079	1431.9	-6.1	-5.3	0	-3.7	-0.5	7669414	-1.8	
27	544.779	1432.1	-6.6	-6.2	0	-3.5	-0.3	7697610	-0.9	
27	544.479	1432.2	-6.3	-5.2	0	-2.5	-0.2	7961027	-0.1	
27	544.179	1431.9	-6.4	-5.1	-0.3	-1.6	-0.2	8408635	1	
27	543.879	1431.7	-6.4	-5.1	-0.4	-0.5	-0.2	8986052	1.8	
27	543.579	1431.7	-5.3	-3.2	-0.6	1.1	0.1	9473982	2.1	
27	543.279	1431.6	-5.5	-4	-0.9	1.1	0.1	9738372	2	
27	542.979	1431.6	-4	-2	-1	2.3	0.1	9876179	1.4	
27	542.679	1431.5	-3.7	-1.5	-1	1.5	0	9829812	0.7	
27	542.379	1431.5	-3.4	-1.5	-1	1.8	-0.1	9693287	0	
27	542.079	1431.7	-2.9	-0.5	-0.9	1	0	9305556	-0.9	
27	541.779	1432	-3.1	-0.7	-0.6	0.2	0.3	8687760	-1.6	
27	541.479	1432.3	-2.7	-0.3	-0.5	-0.4	0.7	8052885	-2.2	
27	541.179	1432.4	-3.4	-0.8	-0.5	-2.4	1	7558664	-2.6	
27	540.879	1432.9	-2.9	-0.7	-0.4	-1.6	1.6	7170377	-2.7	
27	540.579	1433.1	-3.8	-1.3	-0.5	-3.5	2	6842320	-2.8	
27	540.279	1433.2	-3	-0.4	-0.6	-2.5	2.3	6502329	-2.6	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
27	539.979	1433.2	-3.7	-1.4	-0.7	-3.7	2.3	6176254	-2.4	
27	539.679	1433	-3.4	-0.5	-0.7	-3.7	1.9	5881320	-2.4	
27	539.379	1432.8	-3.5	-1.1	-0.8	-3.3	1.4	5674120	-2.1	
27	539.079	1432.6	-2.6	0.5	-0.8	-2.6	0.7	5524407	-1.9	
27	538.779	1432	-1.9	0.9	-0.9	-1.6	0	5396263	-1.6	
27	538.479	1431.7	-2.4	0.6	-1	-1.9	-0.5	5300633	-1.4	
27	538.179	1431.5	-2.2	1.5	-0.7	-1.4	-0.9	5221322	-1.3	
27	537.879	1431.5	-2.5	0.8	-0.6	-1.8	-1	5234375	-1	
27	537.579	1431.6	-1.4	2.3	-0.4	-0.4	-0.9	5314087	-1.1	
27	537.279	1432	-1.3	2	-0.4	-0.4	-0.3	5452474	-1.1	
27	536.979	1432.4	-1.4	1.5	-0.6	0	0.4	5674120	-1.1	
27	536.679	1433.1	-1.2	2.6	-0.6	-1	1.1	5931303	-1.3	
27	536.379	1433.4	-0.4	3.3	-0.5	-1.1	1.5	6250000	-1.4	
27	536.079	1433.4	-0.9	3.4	-0.6	-1.5	1.6	6584120	-1.6	
27	535.779	1433.1	-0.5	3.2	-0.6	-1.8	1.4	6864754	-1.8	
27	535.479	1433	-0.5	3.7	-0.5	-0.8	1.1	7097458	-2	
27	535.179	1432.7	-0.5	4.6	-0.6	-2.1	0.7	7269965	-2.3	
27	534.879	1432.4	-0.6	4.1	-0.3	-2.7	0	7346491	-2.5	
27	534.579	1432.3	-1.6	3.1	0.2	-3.1	-0.8	7398410	-2.7	
27	534.279	1432.7	-0.3	4.5	0.6	-2.3	-1.3	7424646	-3	
27	533.979	1432.9	0.5	4.9	0.9	-1.9	-1.5	7477679	-3	
27	533.679	1433.2	0.4	5.8	1	-1.7	-1.3	7504480	-3.4	
27	533.379	1433.2	1.2	6.3	0.7	-1.6	-0.8	7641424	-3.7	
27	533.079	1433.3	-0.8	5.4	0.4	-3.8	-0.4	7783457	-4	
27	532.779	1433.5	0.1	6.1	0.4	-3.2	0	7961027	-4.1	
27	532.479	1433.3	0.6	6.7	-0.1	-1.9	0.4	8083977	-4	
27	532.179	1433.4	-0.9	5.7	-0.6	-3.1	1	8210785	-3.9	
27	531.879	1433.7	-0.9	5.4	-1.2	-3.4	1.7	8275692	-3.7	
27	531.579	1433.7	-0.9	5.5	-1.5	-3.6	2	8308532	-3.2	
27	531.279	1433.7	-1.8	4.6	-1.7	-3.8	2	8275692	-2.8	
27	530.979	1433.5	-1.3	4	-1.9	-2.7	1.9	8146887	-2.2	
27	530.679	1433.5	-1.6	3.9	-1.9	-2.6	1.9	8052885	-1.7	
27	530.379	1433.5	-1	3	-2.2	-0.9	2	7871241	-1.3	
27	530.079	1433.7	-2.3	1.4	-1.9	-2.9	2.1	7613637	-1	
27	529.779	1433.7	-1.8	1.6	-1.8	-1.6	2	7244810	-1	
27	529.479	1433.6	-2.1	0.8	-1.5	-1.8	1.7	6732315	-0.9	
27	529.179	1433.5	-1.4	1.7	-1.3	-1.1	1.5	6194527	-0.8	
27	528.879	1433.5	-1.9	0.8	-1	-0.6	1.5	5674120	-0.6	
27	528.579	1433.8	-2.7	0.7	-0.5	-2.5	1.4	5169753	-1.1	
27	528.279	1433.8	-0.6	2.3	-0.5	-0.3	1.3	4747733	-1.6	
27	527.979	1433.8	-2.9	0.9	-0.2	-3.4	0.8	4407895	-2.2	
27	527.679	1433.7	-1.4	1.6	-0.1	-1.7	0.4	4162525	-2.6	
27	527.379	1433.6	-1.6	2.1	0	-2.6	0	4003346	-3	
27	527.079	1433.2	-1.5	1.9	0	-2.8	-0.5	3928237	-3.3	
27	526.779	1432.9	-1.3	2.2	-0.1	-2.8	-0.8	3950472	-3.5	
27	526.479	1432.4	-2	0.6	-0.1	-3.3	-1.3	4049807	-3.6	
27	526.179	1432.3	-1.4	0.5	-0.2	-2.7	-1.5	4212777	-3.5	
27	525.879	1432.5	-2.1	0.3	0.1	-4.1	-1.4	4417194	-2.7	
27	525.579	1432.9	-2.4	-0.2	0.4	-2.7	-1.3	4611784	-2.2	
27	525.279	1433.2	-2.2	0.3	0.8	-2.4	-1.1	4769363	-1.3	
27	524.979	1433.5	-2.1	-0.7	0.9	-1.8	-0.8	4869186	-0.4	
27	524.679	1433.8	-2	-0.7	1.3	-1.1	-0.5	4857889	0.2	
27	524.379	1434	-2.7	-1.3	1.5	-1.7	-0.3	4726298	0.9	
27	524.079	1434.1	-2.6	-1.4	2.2	-1.1	-0.4	4541757	1.5	
27	523.779	1434.2	-1.7	-1.3	2.4	-0.4	-0.3	4334886	1.9	
27	523.479	1433.9	-0.9	0	2.1	1.2	-0.4	4162525	2.1	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
27	523.179	1433.7	-0.9	-0.4	1.7	1.3	-0.4	4034201	2.1	
27	522.879	1433.4	-0.7	-0.2	1.4	1.2	-0.5	3935621	1.9	
27	522.579	1433.3	0.1	0.6	0.9	2.2	-0.4	3877315	1.7	
27	522.279	1432.9	0.1	0.7	0.2	1.6	-0.5	3855894	1.1	
27	521.979	1432.6	1.1	2.7	-0.6	2.7	-0.2	3906250	0.6	
27	521.679	1432.1	2	2.3	-1.7	3.1	0.2	4026443	-0.8	
27	521.379	1431.9	2.7	2.2	-2.7	1.5	0.8	4204318	-2.2	
27	521.079	1431.8	2.2	1.8	-3.4	0.2	1.4	4426533	-3	
27	520.779	1431.8	2.3	1.1	-4.1	-0.6	1.9	4684005	-4.1	
27	520.479	1431.9	2.3	3.1	-4.9	-1.6	2.6	5008972	-4.8	
27	520.179	1432.2	1.4	1.3	-5.2	-3.1	3.2	5452474	-5.4	
27	519.879	1432.5	1.2	0.6	-5.3	-3.9	3.7	5999284	-5.9	
27	519.579	1432.8	0.7	1.6	-5.4	-4.9	4.1	6604890	-5.8	
27	519.279	1433.1	-1.1	-0.2	-4.9	-6.5	4.1	7195017	-5.7	
27	518.979	1433.3	-0.3	0.6	-4.4	-6.4	3.8	7697610	-5.2	
27	518.679	1433.8	-1.1	0.7	-3.6	-5.8	3.6	8115310	-4.5	
27	518.379	1434.4	-1.5	-0.2	-2.5	-6.4	3.1	8341634	-4.2	
27	518.079	1434.9	-1.1	0.5	-1.2	-5.4	2.5	8308532	-3.9	
27	517.779	1435.1	-1.8	-0.8	-0.5	-5	1.8	7930871	-3.5	
27	517.479	1435.3	-1.6	0.7	0.4	-4.6	1.1	7320804	-3.2	
27	517.179	1435.5	-1.5	0.3	0.7	-3.7	0.7	6667994	-2.8	
27	516.879	1435.8	-2.6	-0.5	1.4	-4.2	0.1	6068841	-2.7	
27	516.579	1435.9	-1	0.4	1.7	-2.6	-0.2	5568484	-2.4	
27	516.279	1435.9	-1.8	0.1	1.7	-2.9	-0.5	5131741	-2.3	
27	515.979	1435.7	-0.9	1.8	1.5	-1.8	-0.7	4791190	-2.3	
27	515.679	1435.4	-1.4	-0.8	0.9	-2.2	-0.6	4591557	-1.8	
27	515.379	1435.3	-2	0.9	0.5	-1.8	-0.4	4502689	-1.5	
27	515.079	1435.2	-1.5	-0.1	0.2	-1.1	-0.2	4502689	-1	
27	514.779	1435.4	-1.9	-0.3	0	-1.2	0.1	4571507	-0.6	
27	514.479	1435.6	-1.2	0.3	0	-0.1	0.4	4694507	-0.6	
27	514.179	1435.6	-1.3	0	0	-1	0.5	4835451	-0.5	
27	513.879	1435.6	-1.2	0.8	-0.2	-0.5	0.7	4949764	-0.4	
27	513.579	1435.5	-1.2	0.2	-0.1	-1.1	0.7	5045181	-0.4	
27	513.279	1435.3	-0.9	1.2	-0.3	-0.3	0.8	5020984	-0.2	
27	512.979	1435.3	-1.5	0.9	-0.2	-0.4	0.9	4891940	-0.3	
27	512.679	1435.1	-1.1	1.1	-0.2	-0.2	0.8	4673549	-0.5	
27	512.379	1435	-1.2	0.9	-0.4	-0.4	0.7	4454788	-0.6	
27	512.079	1434.6	-0.8	1.2	-0.6	-0.9	0.3	4229798	-1	
27	511.779	1434.4	-0.6	2.1	-0.8	-0.6	0.1	4026443	-1.2	
27	511.479	1434.3	-0.4	2.2	-0.7	-0.1	-0.2	3870148	-1.6	
27	511.179	1434.1	-0.1	1.6	-0.7	-0.5	-0.5	3772523	-2.1	
27	510.879	1434.1	-0.2	0.7	-0.5	-0.7	-0.7	3745528	-2.3	
27	510.579	1433.9	-0.7	0.2	-0.6	-1.2	-1	3786167	-2.8	
27	510.279	1433.8	-1.2	-0.5	-0.4	-1.9	-1.4	3906250	-3.1	
27	509.979	1434	-0.8	-0.9	-0.5	-1.2	-1.4	4097359	-3.2	
27	509.679	1434.3	-0.6	-0.7	-0.3	-1.5	-1.2	4352911	-3.4	
27	509.379	1434.5	-1.1	-2.2	-0.1	-2.2	-0.9	4673549	-3.2	
27	509.079	1434.8	-2.5	-4.5	-0.1	-3	-0.4	5045181	-2.9	
27	508.779	1435	-2.2	-4.9	-0.1	-3.3	0.1	5452474	-2.8	
27	508.479	1435.3	-2.7	-4.9	-0.2	-3.2	0.7	5897888	-2.4	
27	508.179	1435.7	-3.1	-5.4	-0.1	-3	1.4	6325529	-2.2	
27	507.879	1436.2	-3.8	-6.1	0.1	-3.7	2	6710737	-1.7	
27	507.579	1436.8	-4.4	-5.8	0.2	-4.4	2.6	7026007	-1.4	
27	507.279	1437	-4.2	-5.4	0.2	-4.7	2.8	7320804	-1.3	
27	506.979	1436.6	-3.7	-4.4	0.1	-4.1	2.6	7641424	-1.1	
27	506.679	1436.3	-4.3	-3.2	0	-3.7	2.3	7900944	-1	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
27	506.379	1435.9	-3.3	-3	0	-3.3	1.9	8178711	-1.2	
27	506.079	1435.4	-3.6	-2.5	0	-3.4	1.4	8442541	-1.1	
27	505.779	1434.9	-4	-2.5	0	-4.1	0.5	8687760	-1.3	
27	505.479	1434.4	-2.3	-1.2	0.1	-2.2	-0.4	9063853	-1.5	
27	505.179	1434	-2.1	-0.3	-0.1	-1.6	-1.1	9604358	-1.7	
27	504.879	1433.7	-1	0.6	0	-1	-1.5	10213415	-2.1	
27	504.579	1433.4	-0.3	1.2	0.2	-0.4	-1.7	10962042	-2.2	
27	504.279	1433.2	-0.8	1.8	0	-0.6	-1.6	11896307	-2.2	
27	503.979	1433	-0.1	0.9	0	-0.7	-1.4	12924383	-2.2	
27	503.679	1432.7	0.2	2	-0.4	0.5	-1.1	14243197	-2.2	
27	503.379	1433	0.7	1.6	-0.6	1.1	-0.2	15625000	-2.5	
27	503.079	1433.2	0.5	1.9	-1	0.5	0.7	16885081	-2.3	
27	502.779	1433.5	0.1	2.1	-1.3	-0.3	1.5	17895299	-2.4	
27	502.479	1433.4	0	1.5	-1.5	-1.5	1.8	17895299	-2.5	
27	502.179	1433.1	-0.5	1.4	-1.9	-1.5	2	17022358	-2.3	
27	501.879	1433.2	-0.5	0.7	-2.3	-1.2	2.3	15172102	-2.3	
27	501.579	1433	0	1.3	-2.5	-1.2	2.3	13085938	-2.2	
27	501.279	1433	-1.5	-0.3	-2.3	-2.5	2.2	10962042	-2	
27	500.979	1432.8	-1.7	-0.5	-2.3	-3.1	1.8	9024785	-1.8	
27	500.679	1432.6	-2.2	-1.3	-2.1	-3.4	1.3	7477679	-1.6	
27	500.379	1432.7	-1.8	-0.3	-1.8	-2.1	0.9	6268713	-1.5	
27	500.079	1432.6	-1	0.1	-1.5	-1.8	0.7	5314087	-1.5	
27	499.779	1432.7	-2.2	-1	-1.2	-2	0.7	4621965	-1.3	
27	499.479	1433.2	-2.3	-1.5	-0.8	-2.6	0.8	4137846	-1.5	
27	499.179	1433.3	-1.8	-1.2	-0.5	-2.8	0.8	3806819	-1.5	
27	498.879	1433.5	-2.2	-1.8	-0.2	-2.4	0.7	3609914	-1.6	
27	498.579	1433.7	-1.5	-1.4	0.1	-1.9	0.7	3518908	-2	
27	498.279	1433.7	-1.3	-1.1	0.2	-1.6	0.7	3548729	-2	
27	497.979	1433.7	-2.4	-1.7	0.2	-2.9	0.6	3699205	-2.1	
27	497.679	1433.5	-1.3	-0.1	0.4	-3	0.4	3988096	-2.2	
27	497.379	1433.2	-2.6	-1.8	0.4	-2.5	-0.1	4454788	-2.1	
27	497.079	1433.2	-2	-1.4	0.6	-2.6	-0.5	5131741	-2.2	
27	496.779	1433.1	-1.1	0	0.7	-1.3	-0.8	6033862	-2.2	
27	496.479	1433	-1.3	1.2	0.8	-1.7	-1.1	7195017	-2.2	
27	496.179	1433	-1.5	0.7	1	-2.4	-1.3	8580943	-2.3	
27	495.879	1432.9	-1.1	1.6	0.9	-1.9	-1.4	10114734	-2.4	
27	495.579	1433.1	-1.4	1.7	1.3	-2	-1.6	11078042	-2.6	
27	495.279	1432.8	0	3.8	1.2	-1.1	-1.7	11136968	-2.5	
27	494.979	1433	-2.2	2.2	1.2	-2	-1.5	10468750	-1.9	
27	494.679	1433	-0.8	3.4	0.9	-0.8	-1.3	9560502	-1.7	
27	494.379	1433.1	-2.1	1.6	0.8	-2.4	-1.1	8723959	-1.4	
27	494.079	1433.2	-1.4	2.9	0.7	-1.5	-0.9	8083977	-1.3	
27	493.779	1433	-1.4	1.9	0.5	-1.2	-0.8	7641424	-1.1	
27	493.479	1433	-1.8	1.8	0.2	-1.4	-0.6	7346491	-0.7	
27	493.179	1433.1	-1.5	2.5	-0.2	-0.9	-0.2	7398410	-0.5	
27	492.879	1433.2	-1.5	0.8	-0.4	-1.3	0.2	7812500	-0.3	
27	492.579	1433.4	-1.5	0.6	-1	-0.1	0.8	8651860	-0.3	
27	492.279	1433.7	-1.5	-0.5	-1.2	-1	1.3	9829812	-0.3	
27	491.979	1433.7	-1	-0.7	-1.9	0.4	1.8	11379076	-0.4	
27	491.679	1433.7	-1	-0.2	-2.5	-0.6	2.3	13508065	-0.6	
27	491.379	1433.7	-1.2	-1.1	-2.9	-1	2.9	16357422	-0.6	
27	491.079	1433.9	-1	-1.2	-3.3	-0.9	3.6		-0.8	
27	490.779	1433.9	-0.7	-1.4	-3.6	-1.1	4.1		-1.1	
27	490.479	1433.9	-0.9	-1.4	-3.8	-1.6	4.4		-1.1	
27	490.179	1434.1	-1.1	-1.2	-3.6	-2.1	4.6		-1.3	
27	489.879	1434.2	-0.7	-0.7	-3.4	-1.7	4.5	18694197	-1.3	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
27	489.579	1434.4	-1.4	-0.9	-2.7	-2.5	4.1	15625000	-1.4	
27	489.279	1434.5	-0.5	0	-2	-2.6	3.5	13085938	-1.7	
27	488.979	1434.3	-0.1	-0.1	-1.3	-1.9	2.6	11078042	-1.9	
27	488.679	1434.1	0.1	1.6	-0.8	-2.5	1.6	9473982	-2.3	
27	488.379	1433.7	0.1	1.8	0.1	-2.8	0.2	8275692	-2.6	
27	488.079	1433.3	0.6	2.8	0.8	-2.5	-1	7424646	-2.8	
27	487.779	1432.9	1	2.8	1.1	-1.9	-2.1	6797890	-2.8	
27	487.479	1432.5	0.9	1.9	1.1	-1.7	-2.9	6363982	-2.5	
27	487.179	1432.4	0.4	2.6	1.3	-1.5	-3.4	6016523	-2.2	
27	486.879	1432.3	1.8	4.1	1.2	-0.7	-3.5	5720629	-2	
27	486.579	1432.4	0.9	2.7	1.3	-1.2	-3.3	5495407	-1.7	
27	486.279	1432.7	1.6	3.8	1.2	-0.6	-2.8	5287248	-1.4	
27	485.979	1432.8	1.3	2.8	1.3	-0.5	-2.3	5119193	-0.8	
27	485.679	1433.2	1.6	2.9	1	0.7	-1.3	4997017	-0.2	
27	485.379	1433.8	1.3	3.7	1.4	-0.1	-0.5	4903396	0	
27	485.079	1434.3	1	2.3	1.6	-0.1	0.1	4835451	0	
27	484.779	1434.7	0.8	3.4	1.8	-0.8	0.4	4813219	-0.6	
27	484.479	1434.7	1.5	3.5	1.7	-1.9	0.4	4824309	-1	
27	484.179	1434.6	1	2.1	1.5	-2.1	0.3	4857889	-1.3	
27	483.879	1434.4	1.5	2.8	1.1	-2.1	0.1	4926471	-1.8	
27	483.579	1434	1.9	3.4	0.7	-2.1	0	4997017	-2	
27	483.279	1433.6	0.7	1.8	0.3	-3.4	-0.4	5057367	-2.5	
27	482.979	1432.9	1.8	3.2	-0.4	-2.6	-0.8	5106708	-2.9	
27	482.679	1432.6	1.3	1.3	-0.9	-2.6	-1.1	5157020	-3.1	
27	482.379	1432.6	1.7	3.9	-1.3	-2.5	-1.1	5247494	-3.5	
27	482.079	1432.8	3	3.8	-1.3	-1.6	-0.9	5368590	-3.8	
27	481.779	1433.1	2.8	4.9	-1.4	-1.6	-0.6	5553714	-3.9	
27	481.479	1433.6	2.1	3.5	-1	-2.4	-0.4	5815972	-3.9	
27	481.179	1433.8	2.8	4.2	-0.9	-1.8	-0.2	6231399	-3.7	
27	480.879	1434.2	1.7	3.5	-1	-1.7	0.4	6932947	-3.3	
27	480.579	1434.4	1.8	3.3	-1	-2.2	1	8052885	-2.9	
27	480.279	1434.8	0.7	2.2	-1	-2.3	1.7	9829812	-2.5	
27	479.979	1435.3	0.6	2.1	-1	-2.3	2.4	12766768	-2.4	
27	479.679	1435.4	0.2	1.7	-1.3	-3	2.9	18366228	-1.8	
27	479.379	1435.6	0	1	-1.5	-2.3	3.4		-1.1	
27	479.079	1435.7	-0.3	0.7	-1.7	-2	3.7		-0.8	
27	478.779	1435.9	-0.1	1.1	-1.7	-1.6	3.9		-0.3	
27	478.479	1435.9	-0.5	0.5	-1.6	-1.7	3.9		-0.1	
27	478.179	1435.9	0.4	1.1	-1.2	-0.8	3.6		-0.2	
27	477.879	1435.6	-0.2	0.7	-1	-1.1	3.2		-0.2	
27	477.579	1435.3	-0.7	0.4	-0.8	-1.5	2.5		-0.4	
27	477.279	1434.8	-0.2	0.5	-0.4	-1.3	1.8		-0.6	
27	476.979	1434.3	-0.4	1	-0.3	-1.5	1.3		-0.7	
27	476.679	1433.7	-0.3	0.2	-0.4	-1.4	0.7		-1.1	
27	476.379	1433.5	-0.4	-0.3	-0.4	-1.8	0.4	14955357	-1.4	
27	476.079	1433.1	0.5	0.4	-0.6	-0.9	0	11441257	-1.6	
27	475.779	1432.7	0.3	0.2	-0.8	-2	-0.4	9389014	-1.8	
27	475.479	1432.1	0.8	0.2	-1	-1.1	-0.8	8210785	-1.9	
27	475.179	1431.8	0.2	-0.8	-1.1	-1.2	-1.1	7504480	-2	
27	474.879	1431.5	0.9	0	-1.1	-1	-1.3	7049664	-2.2	
27	474.579	1431.1	0.9	0.5	-1.3	-0.7	-1.4	6710737	-2.1	
27	474.279	1431.1	0.3	-1.5	-0.9	-1.6	-1.4	6402905	-2.1	
27	473.979	1431.2	0.2	-0.7	-0.6	-1.2	-1.5	6140030	-2	
27	473.679	1431.5	0.1	-1.5	0	-1.5	-1.4	5914548	-1.9	
27	473.379	1431.9	0.6	-0.7	0.4	-1	-1.1	5752061	-1.9	
27	473.079	1432.3	0.2	-1.4	0.8	-1.8	-0.6	5598262	-1.6	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
27	472.779	1432.8	-0.5	-1.8	1.1	-1.9	-0.2	5424223	-1.5	
27	472.479	1433	-0.4	-1.4	1.1	-2.7	0.1	5234375	-1.4	
27	472.179	1433.2	-0.5	-1.3	1.3	-2.3	0.4	5081918	-1.3	
27	471.879	1433	-0.1	-1.6	1.1	-1.9	0.5	4961493	-1.5	
27	471.579	1433	-0.7	-1.7	0.9	-2.8	0.6	4857889	-1.6	
27	471.279	1432.8	-1	-2.5	0.6	-2.7	0.5	4736991	-1.5	
27	470.979	1432.6	-0.8	-2.7	0.4	-3.4	0.2	4571507	-1.7	
27	470.679	1432.2	0	-0.7	0.1	-3	-0.1	4435911	-1.8	
27	470.379	1432.1	-0.5	-2.3	-0.1	-3	-0.3	4352911	-1.9	
27	470.079	1432.2	1	-0.3	0	-2	-0.3	4334886	-2.2	
27	469.779	1431.9	0.2	-1.5	-0.1	-3.1	-0.5	4398635	-2	
27	469.479	1431.8	0.3	-2.7	0.1	-3	-0.7	4551631	-2.1	
27	469.179	1431.8	0.7	-2.1	0.2	-2.2	-0.8	4835451	-2.2	
27	468.879	1431.9	0.2	-1.9	0.4	-1.6	-0.9	5260679	-2	
27	468.579	1432.1	1.2	-1.6	0.2	-0.5	-0.7	5897888	-2	
27	468.279	1432	2.1	0.4	0.1	-0.4	-0.5	6864754	-2	
27	467.979	1432.2	1.7	-0.1	-0.1	0	-0.2	8243110	-1.8	
27	467.679	1431.9	2.1	1.4	-0.6	-0.3	-0.1	10114734	-1.7	
27	467.379	1431.8	3.2	2.6	-0.7	1.2	0.1	12316177	-1.7	
27	467.079	1431.8	2.6	2.4	-1.1	0.7	0.4	14439655	-1.9	
27	466.779	1431.8	2.1	2.1	-1.6	-0.1	0.7	16105769	-1.9	
27	466.479	1432	0.7	1	-1.9	-0.5	1.1	16486221	-1.8	
27	466.179	1432.5	0.2	0.3	-1.8	-1.9	1.5	15742481	-2	
27	465.879	1432.6	1.1	1.6	-1.7	-1.5	1.7	14243197	-2.1	
27	465.579	1432.9	0.4	0	-1.4	-2.3	1.9	12462798	-2.2	
27	465.279	1433	0.4	0.6	-0.9	-2.7	1.9	10737180	-2.2	
27	464.979	1432.9	0.4	1.1	-0.9	-2.8	1.9	9389014	-2.2	
27	464.679	1433.2	-0.3	-0.1	-0.4	-3.7	1.9	8341634	-2.2	
27	464.379	1433.5	0	0.4	0	-2.7	1.9	7586051	-2	
27	464.079	1433.6	-1.5	-1.2	0	-3.5	1.7	7049664	-1.9	
27	463.779	1433.6	-0.9	-0.5	-0.2	-2.8	1.4	6625791	-1.9	
27	463.479	1433.2	-1	-1.5	-0.6	-3.3	1	6325529	-1.8	
27	463.179	1432.6	-0.6	-0.9	-1.2	-2.7	0.6	6104228	-1.9	
27	462.879	1432.1	-0.3	-1.1	-1.7	-2	0.4	5965100	-1.7	
27	462.579	1431.9	-1.1	-1.3	-2	-3	0.3	5864846	-1.7	
27	462.279	1431.5	-0.2	-1.1	-2.3	-2	0.1	5767907	-1.8	
27	461.979	1431.4	-0.6	-1.5	-2.5	-2.7	0.1	5643531	-1.9	
27	461.679	1431.7	-0.5	-0.8	-2.3	-2.2	0.3	5495407	-2	
27	461.379	1432.3	-0.3	-0.5	-1.8	-2.1	0.7	5327608	-2.2	
27	461.079	1433	-0.1	-0.2	-1.5	-2	1.4	5169753	-2.4	
27	460.779	1433.5	0.1	-0.5	-0.9	-2.4	1.8	4997017	-2.4	
27	460.479	1433.8	-0.3	-0.5	-0.4	-3.1	1.9	4846644	-2	
27	460.179	1434.3	0	0.5	0.3	-2.2	1.9	4726298	-2.1	
27	459.879	1434.2	0.4	0.8	0.5	-2.5	1.7	4652778	-2.2	
27	459.579	1434.1	0.4	0.9	0.7	-2.1	1.3	4591557	-2.2	
27	459.279	1433.8	0.8	0.9	0.6	-1.5	0.7	4531927	-2.1	
27	458.979	1433.3	0.2	0.9	0.1	-1.9	0.2	4454788	-1.6	
27	458.679	1433	0.1	1.1	-0.2	-1.6	-0.4	4361980	-1.4	
27	458.379	1432.6	0.7	1.5	-0.3	-1.4	-1.1	4264257	-1.5	
27	458.079	1432.4	1.8	1.8	-0.3	0.1	-1.5	4162525	-1.6	
27	457.779	1432.4	1.4	1.9	-0.7	0	-1.5	4073444	-1.5	
27	457.479	1432.5	1.7	0.7	-0.6	0	-1.2	3980514	-1.4	
27	457.179	1432.9	1.3	1.1	-0.5	0.1	-0.7	3898976	-1.1	
27	456.879	1433.3	1	0.7	-0.2	-0.8	-0.2	3848806	-1.1	
27	456.579	1433.7	1.3	0.6	0.1	0	0.4	3841744	-1.1	
27	456.279	1434.2	0.8	0.6	0.5	-0.3	1	3891729	-1.1	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
27	455.979	1434.5	1.1	-0.1	0.8	-0.9	1.4	4011016	-1.4	
27	455.679	1434.6	0.5	-1.6	0.8	-1.6	1.7	4187500	-1	
27	455.379	1434.8	-0.2	-1.9	0.8	-2.5	1.9	4445329	-1.2	
27	455.079	1434.5	0.3	-1.8	0.5	-2.4	1.7	4780251	-1.4	
27	454.779	1434.2	-0.1	-3.3	0.1	-2.5	1.5	5221322	-1.4	
27	454.479	1433.6	0.5	-2.1	-0.5	-2.5	1.1	5783840	-1.6	
27	454.179	1433	0.3	-1.8	-1	-2.6	0.7	6482198	-1.7	
27	453.879	1432.4	0	-0.7	-1.7	-2.7	0.4	7269965	-1.8	
27	453.579	1432	0.6	0.4	-1.9	-2.7	0.1	8083977	-2.2	
27	453.279	1431.9	0.4	-0.7	-2	-2.6	0.1	8797269	-2.2	
27	452.979	1431.9	0.8	0.4	-2	-2.4	0.2	9347098	-2.4	
27	452.679	1432	0.9	0.5	-1.7	-3	0.4	9648618	-2.5	
27	452.379	1432.3	0.7	0.3	-1.4	-2.7	0.7	9783879	-2.5	
27	452.079	1432.7	1.8	2.1	-1.2	-2.4	1.2	9693287	-2.8	
27	451.779	1432.9	1	1	-0.9	-2.8	1.5	9560502	-2.8	
27	451.479	1433.2	1.1	2.6	-0.8	-2.7	1.8	9389014	-2.9	
27	451.179	1433	1.1	2	-0.7	-3	1.7	9389014	-2.9	
27	450.879	1432.9	1.2	2.2	-0.8	-2.4	1.6	9693287	-3	
27	450.579	1432.6	1.7	2.3	-1	-2.3	1.2	10263481	-3.3	
27	450.279	1432.1	2.5	2.8	-1.2	-1.3	0.8	10962042	-3.3	
27	449.979	1431.8	2	3.1	-1.4	-1.4	0.4	11762641	-3.1	
27	449.679	1431.7	2.2	2.4	-1.5	-1	0.1	12462798	-2.5	
27	449.379	1431.5	1.7	2.3	-1.6	-0.3	-0.1	12845092	-2	
27	449.079	1431.9	1.9	2.4	-1.2	0.2	0	12766768	-2	
27	448.779	1432	1.8	2.1	-0.8	0.2	0.1	12316177	-2	
27	448.479	1432.3	0.8	0.9	-0.4	-0.3	0.4	11504121	-1.9	
27	448.179	1432.8	0.6	0.5	0.1	-1.2	0.7	10468750	-2	
27	447.879	1433	0.2	0.5	0.6	-1.5	0.9	9473982	-1.7	
27	447.579	1433.4	-0.1	-0.1	0.9	-1.6	1.1	8723959	-1.7	
27	447.279	1433.5	-0.4	-0.8	1.2	-1.8	1.2	8210785	-1.8	
27	446.979	1433.5	-1	-1.4	1.4	-2	1.1	7900944	-1.9	
27	446.679	1433	-1.8	-2.6	0.9	-3.2	0.8	7783457	-2.1	
27	446.379	1432.3	-2	-2.2	0.4	-3.4	0.4	7812500	-2.1	
27	446.079	1431.7	-2.8	-2.9	0	-3.6	-0.1	8022031	-2.2	
27	445.779	1431.4	-2	-2.7	-0.4	-2.9	-0.5	8341634	-2.6	
27	445.479	1431	-2.4	-4.2	-0.5	-2.9	-1	8760460	-2.6	
27	445.179	1430.9	-2.4	-3.8	-0.6	-2.8	-1.4	9223568	-2.6	
27	444.879	1430.6	-2.9	-4.6	-0.6	-3.2	-1.8	9648618	-2.4	
27	444.579	1430.6	-3.4	-4.7	-0.6	-2.7	-2	9970238	-2.2	
27	444.279	1430.8	-3.3	-4.3	-0.1	-2.7	-2	10114734	-2.2	
27	443.979	1431	-3.1	-4.4	0.3	-1.8	-1.8	10017943	-2	
27	443.679	1431.3	-3.7	-4.5	0.7	-2.2	-1.5	9829812	-1.9	
27	443.379	1431.7	-3.9	-5	0.9	-2.5	-1.1	9517046	-1.6	
27	443.079	1432	-4.3	-4.8	1.3	-2.1	-0.8	9183114	-1	
27	442.779	1432.4	-4.2	-4	1.4	-1.9	-0.3	8871822	-0.8	
27	442.479	1432.5	-3.9	-4.2	1.5	-1.1	0	8651860	-0.7	
27	442.179	1432.8	-4.7	-4.6	1.4	-1.2	0.3	8545919	-0.4	
27	441.879	1432.8	-3.9	-4.4	1	-0.5	0.4	8616255	-0.3	
27	441.579	1432.8	-4.5	-4.8	0.3	-1	0.7	8834388	0	
27	441.279	1432.6	-4	-4	-0.2	-0.4	0.7	9264381	0	
27	440.979	1432.4	-4	-4.6	-0.7	-0.6	0.7	9738372	0	
27	440.679	1432	-4	-4.4	-1.2	-0.4	0.6	10314040	-0.1	
27	440.379	1431.7	-3.8	-4.6	-1.8	-0.2	0.6	10904948	-0.2	
27	440.079	1431.5	-4.1	-5	-1.9	-1	0.6	11441257	-0.2	
27	439.779	1431.7	-4.4	-5.1	-2	-1.1	0.7	11829096	-0.4	
27	439.479	1432.1	-4.1	-5.9	-1.8	-1.9	0.8	12033046	-0.7	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
27	439.179	1432.5	-3.9	-4.9	-1.3	-1.9	0.8	12102601	-0.9	
27	438.879	1432.8	-3.5	-4.6	-1	-2.1	0.8	12033046	-1.3	
27	438.579	1433.2	-3	-4.1	-0.6	-2	0.8	11829096	-1.6	
27	438.279	1433.2	-3.1	-4.3	-0.4	-2.3	0.7	11567680	-1.7	
27	437.979	1433.3	-3.4	-5.1	-0.1	-2.8	0.6	11256721	-1.9	
27	437.679	1433.2	-2.7	-5.2	0	-2.2	0.4	10904948	-2.1	
27	437.379	1433.2	-2.8	-4.8	0.1	-2.2	0.3	10628173	-2.4	
27	437.079	1433.4	-2	-4.2	0.2	-1.4	0.3	10416667	-2.6	
27	436.779	1433.3	-1.3	-3	0.3	-1.1	0.2	10314040	-2.7	
27	436.479	1433.5	-1.5	-3.4	0.4	-1.5	0.3	10213415	-2.8	
27	436.179	1433.6	-1.1	-2.9	0.7	-1	0.3	10066106	-2.8	
27	435.879	1433.7	-1	-1.8	0.9	-0.9	0.4	9922986	-2.8	
27	435.579	1433.9	-1.2	-1.8	1	-0.5	0.5	9783879	-2.8	
27	435.279	1434.1	-1.1	-1.3	1.3	-1.1	0.7	9648618	-2.7	
27	434.979	1433.8	-1.5	-1.4	1	-0.6	0.7	9431306	-2.3	
27	434.679	1433.6	-2.3	-1.9	0.5	-2.1	0.8	9063853	-2.2	
27	434.379	1433.2	-1.8	-0.8	0.2	-1.9	0.8	8616255	-2.2	
27	434.079	1432.8	-2.1	-0.3	-0.5	-2.3	0.9	8146887	-2.5	
27	433.779	1432.1	-2.8	-0.8	-1	-3.8	0.8	7669414	-2.7	
27	433.479	1431.5	-2.6	0.2	-1.7	-3.6	0.8	7219828	-2.6	
27	433.179	1431.4	-3.5	-1.5	-2	-4.2	0.9	6842320	-2.7	
27	432.879	1431.1	-2.6	-0.2	-2.3	-3.8	1	6522586	-2.7	
27	432.579	1431.1	-3.7	-1.3	-2.3	-3.3	1	6325529	-2.7	
27	432.279	1431.3	-2.9	0	-2	-3.2	1	6231399	-2.8	
27	431.979	1431.1	-2.9	0.5	-2	-3.1	1	6212908	-2.7	
27	431.679	1431.3	-3.1	0.2	-1.5	-2.7	0.9	6268713	-2.5	
27	431.379	1431.1	-2.3	0.8	-1.4	-2.2	0.7	6422546	-2.5	
27	431.079	1431.1	-2.2	1.5	-1.1	-1.5	0.6	6625791	-2.6	
27	430.779	1431.2	-2.8	1.1	-1	-2	0.4	6887336	-3	
27	430.479	1430.8	-2	2.3	-1.1	-1.2	0.1	7097458	-2.6	
27	430.179	1431	-4.6	-0.4	-0.9	-3	-0.1	7219828	-2.6	
27	429.879	1431.1	-2.6	1.3	-1	-1.6	-0.2	7195017	-2.7	
27	429.579	1431	-3.1	1.6	-1	-1.9	-0.2	7026007	-2.5	
27	429.279	1431.1	-3.7	0.2	-1	-2.3	-0.2	6820033	-2.4	
27	428.979	1431.4	-2.4	2.1	-0.7	-1.8	0.1	6584120	-2.4	
27	428.679	1431.7	-4	0	-0.6	-2.5	0.4	6344697	-2.1	
27	428.379	1432.2	-4.1	-0.1	-0.5	-2.2	0.8	6122076	-1.7	
27	428.079	1432.5	-4.1	-0.1	-0.2	-2.5	1.2	5881320	-1.2	
27	427.779	1432.9	-4.7	-0.9	0	-1.4	1.5	5674120	-0.9	
27	427.479	1433.2	-4.6	-0.5	0.2	-2.8	1.6	5495407	-0.8	
27	427.179	1433.3	-4.5	-0.1	0.4	-2.1	1.6	5396263	-0.8	
27	426.879	1433.2	-4.4	-0.3	0.3	-1.9	1.3	5354860	-0.9	
27	426.579	1432.9	-3.8	0.1	0.1	-2.3	1	5341199	-0.8	
27	426.279	1432.7	-5	-1.5	-0.2	-2.4	0.7	5368590	-0.8	
27	425.979	1432.5	-4.5	-1.5	-0.4	-2.2	0.2	5438312	-1	
27	425.679	1432.2	-3.6	-0.5	-0.6	-1.5	-0.2	5553714	-1.2	
27	425.379	1431.8	-3.8	-0.4	-0.8	-1.7	-0.7	5720629	-1.5	
27	425.079	1431.6	-2.6	0.1	-1	-0.8	-0.9	5948154	-1.7	
27	424.779	1431.6	-3.4	-0.6	-1.1	-1.7	-0.9	6194527	-1.8	
27	424.479	1432	-3.2	-1.2	-0.8	-1.9	-0.8	6442308	-2	
27	424.179	1432.2	-2.2	-0.9	-0.4	-1.9	-0.6	6646826	-2.1	
27	423.879	1432.7	-2.9	-1.4	0	-1.5	-0.2	6864754	-2.2	
27	423.579	1433.2	-2.4	-1.3	0.4	-2.1	0.2	7026007	-2.4	
27	423.279	1433.5	-2.5	-1.5	0.9	-2.1	0.5	7145905	-2.3	
27	422.979	1433.8	-2.6	-1.4	1.2	-1.8	0.7	7269965	-2.2	
27	422.679	1433.9	-2.5	-1.4	1.2	-2.8	0.7	7424646	-2.1	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
27	422.379	1433.9	-2.4	-0.9	1.2	-1.6	0.5	7558664	-1.9	
27	422.079	1434	-2.1	0.2	0.9	-1.6	0.4	7669414	-1.8	
27	421.779	1433.4	-1.1	0.7	0.5	-0.8	0.1	7812500	-1.4	
27	421.479	1433	-2.1	0	0	-1	-0.1	7961027	-1.4	
27	421.179	1432.7	-1	1.8	-0.3	-0.5	-0.3	8052885	-1.5	
27	420.879	1432	-1.7	0.9	-0.9	-0.4	-0.5	8146887	-1.1	
27	420.579	1432.1	-2.3	1.2	-1.4	-0.9	-0.3	8178711	-1.2	
27	420.279	1432.4	-0.9	1.7	-1.5	0	0.1	8052885	-1.3	
27	419.979	1432.8	-1.9	1.8	-1.7	-0.5	0.7	7754630	-1.4	
27	419.679	1433.3	-1.3	1.6	-1.9	-0.8	1.4	7346491	-1.5	
27	419.379	1433.4	-1.3	1.6	-1.6	-0.9	1.7	6932947	-1.3	
27	419.079	1433.5	-2	1.1	-1.3	-1.3	1.9	6522586	-1.3	
27	418.779	1433.3	-1.5	0.8	-1.2	-1.8	2	6176254	-1.3	
27	418.479	1433.3	-2.3	-0.1	-0.8	-1.2	2	5914548	-1.1	
27	418.179	1433.7	-2.6	0.2	-0.5	-2	2.1	5736302	-1.2	
27	417.879	1433.7	-1.9	0.1	-0.4	-1.6	1.9	5658784	-1.1	
27	417.579	1433.8	-3.2	1.4	-0.2	-2.6	1.6	5674120	-1.1	
27	417.279	1433.5	-2	0.6	-0.3	-2	1	5783840	-1	
27	416.979	1433.1	-2.3	0.8	-0.5	-2.1	0.6	5999284	-1	
27	416.679	1432.8	-1.8	1.9	-0.8	-1.1	0.3	6250000	-1	
27	416.379	1432.4	-1.1	1.3	-1	-0.7	0.1	6502329	-0.9	
27	416.079	1432.2	-2.6	1.4	-1	-1.9	-0.2	6754032	-1.2	
27	415.779	1432	-1.2	2.9	-1.3	-0.9	-0.4	6910066	-1.3	
27	415.479	1431.9	-1.9	2.2	-1.2	-1.9	-0.6	6979167	-1.3	
27	415.179	1432.1	-1.4	3.3	-0.9	-1	-0.7	6932947	-1.6	
27	414.879	1432.3	-0.6	4	-0.5	-0.9	-0.7	6797890	-1.9	
27	414.579	1432.6	-1.2	3.3	-0.3	-0.9	-0.5	6646826	-1.8	
27	414.279	1433	-1.3	3.1	0	-2.2	-0.2	6462192	-2.2	
27	413.979	1433.2	-1.1	2.7	0.4	-1.7	-0.1	6306476	-1.9	
27	413.679	1433.6	-1.5	3.5	0.7	-1.3	0.1	6250000	-2	
27	413.379	1433.7	-0.5	4	0.8	-1.2	0.3	6287538	-2.4	
27	413.079	1433.7	-0.6	3	0.9	-1	0.4	6422546	-2.6	
27	412.779	1433.6	-0.8	3	0.6	-1.8	0.4	6604890	-3	
27	412.479	1433.6	-1.1	1.5	0.2	-2.2	0.5	6820033	-2.9	
27	412.179	1433.7	-1.8	1.6	-0.1	-2.7	0.6	7002509	-3	
27	411.879	1433.6	-0.8	2.4	-0.3	-2.1	0.5	7121599	-3.2	
27	411.579	1433.5	-1.5	0.7	-0.4	-2.7	0.4	7121599	-3.1	
27	411.279	1433.4	-1.8	1.1	-0.8	-2.6	0.4	7002509	-3	
27	410.979	1433.2	-2.2	0.2	-0.9	-3.1	0.3	6732315	-2.7	
27	410.679	1433	-2.5	0	-1	-2.7	0.3	6402905	-2	
27	410.379	1433	-2.7	-0.1	-1.1	-2.6	0.5	6086483	-1.9	
27	410.079	1433.4	-2.9	-0.4	-1	-2.3	0.9	5864846	-1.4	
27	409.779	1433.8	-3.1	-0.7	-1.1	-1.8	1.3	5767907	-1.3	
27	409.479	1433.9	-2.5	-0.4	-1.2	-2.2	1.5	5815972	-1.3	
27	409.179	1433.9	-2.7	-1.6	-1.3	-2.2	1.7	5931303	-1.3	
27	408.879	1433.9	-3	-0.9	-1.6	-2	1.9	6140030	-1.6	
27	408.579	1433.9	-3	-2	-1.6	-2.5	1.9	6422546	-1.6	
27	408.279	1433.7	-3	-1.3	-1.9	-1.9	1.9	6775890	-1.3	
27	407.979	1433.6	-3.2	-0.9	-2	-2.5	1.7	7170377	-1.6	
27	407.679	1433.4	-2.9	-2	-2.1	-2.3	1.4	7531475	-1.7	
27	407.379	1433.5	-3.3	-1.4	-1.9	-0.7	0.9	7841760	-1.7	
27	407.079	1433.5	-2.3	-1	-1.3	-0.8	0.3	8022031	-1.7	
27	406.779	1433.5	-2.2	-0.9	-0.9	-0.7	-0.1	8083977	-1.4	
27	406.479	1433.8	-3.3	-1.3	-0.4	-1.6	-0.3	8052885	-1.3	
27	406.179	1434	-1.9	-0.4	0.1	-0.9	-0.5	7961027	-1.1	
27	405.879	1434.3	-2.3	0	0.5	-1.1	-0.5	7726015	-1	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
27	405.579	1434.7	-1.9	0.7	1.1	-0.9	-0.5	7451068	-1.1	
27	405.279	1434.8	-1.6	0.3	1.5	-0.6	-0.5	7145905	-0.9	
27	404.979	1435.2	-5.5	-2.3	1.7	-4	-0.3	6820033	-1.1	
27	404.679	1435.2	-3.9	-1.9	1.7	-3.1	-0.2	6462192	-1	
27	404.379	1435.2	-3	-0.7	1.4	-1.5	0.1	6122076	-0.5	
27	404.079	1435.2	-2.9	-1.1	1.1	-1.5	0.2	5832173	-0.8	
27	403.779	1435	-1.3	-0.2	0.9	-1	0.1	5568484	-1.2	
27	403.479	1434.9	-1.4	1.2	0.5	-0.9	0	5368590	-1.4	
27	403.179	1434.6	-0.9	0.3	0.3	-0.8	-0.2	5234375	-1.6	
27	402.879	1434.3	-1	0.9	-0.3	-0.8	-0.2	5144349	-1.5	
27	402.579	1434	-1.9	-0.5	-0.7	0	-0.3	5094283	-1.6	
27	402.279	1433.8	-1.2	-0.6	-0.9	-0.3	-0.3	5106708	-1.6	
27	401.979	1433.9	-1.8	-0.6	-0.9	-1.4	-0.1	5182550	-1.7	
27	401.679	1433.9	-1.1	0.2	-1.1	-1	0.1	5314087	-2.2	
27	401.379	1434	-1.1	0	-0.9	-2.1	0.4	5495407	-2.4	
27	401.079	1434.4	-1.5	0	-1	-2.3	0.9	5736302	-2.6	
27	400.779	1434.4	-1.4	-0.9	-1	-2.4	1.1	5999284	-2.6	
27	400.479	1434.7	-1.9	-1.3	-0.9	-3.1	1.4	6268713	-2.8	
27	400.179	1434.8	-1.5	-0.7	-0.8	-2.9	1.4	6584120	-3.2	
27	399.879	1434.8	-1.1	0	-0.5	-2.7	1.3	6955980	-3.5	
27	399.579	1434.6	-1.2	0.6	-0.5	-2.5	1.1	7372359	-3.6	
27	399.279	1434.5	-1.8	-1	-0.4	-3.3	1	7754630	-3.6	
27	398.979	1434.1	-1.5	0	-0.5	-3.2	0.7	8115310	-3.4	
27	398.679	1434.1	-2.2	-0.4	-0.2	-3.3	0.5	8442541	-3.2	
27	398.379	1434	-2.2	0	0.1	-2.8	0.3	8723959	-2.8	
27	398.079	1434.1	-2.3	0.2	0.2	-2.1	0.4	8986052	-2.8	
27	397.779	1434.3	-1.7	1	0.5	-1.5	0.5	9223568	-2.9	
27	397.479	1434.3	-2.6	0.3	0.5	-2.4	0.5	9389014	-2.6	
27	397.179	1434.1	-2.9	0.2	0.5	-2.8	0.4	9389014	-2.2	
27	396.879	1434	-3	-0.5	0.3	-1.7	0.4	9305556	-1.6	
27	396.579	1433.7	-2.2	0.5	0	-1.2	0.4	9103261	-1.6	
27	396.279	1433.2	-2.6	0.4	-0.6	-1.2	0.4	8909575	-1.1	
27	395.979	1432.9	-2.9	0.1	-1.1	-0.7	0.6	8687760	-0.6	
27	395.679	1432.3	-4	-1	-1.7	-1.5	0.6	8476721	0.1	
27	395.379	1431.7	-4.6	-1.4	-2.5	-1.6	0.6	8210785	1.1	
27	395.079	1431.7	-4.6	-1.7	-2.5	-1	0.7	7930871	1	
27	394.779	1431.8	-3.3	0	-2.5	-0.1	1	7754630	0.5	
27	394.479	1432.1	-3.9	-1.6	-2.5	-1	1.3	7641424	0.1	
27	394.179	1432.4	-3.7	-1.5	-2.2	-2.6	1.5	7641424	-0.6	
27	393.879	1432.6	-2.8	0.5	-1.7	-2.2	1.6	7669414	-1	
27	393.579	1432.8	-3.4	-1.5	-1.2	-3	1.5	7669414	-1.4	
27	393.279	1432.8	-2.5	-0.2	-0.7	-2.2	1.3	7697610	-1.8	
27	392.979	1432.8	-2.1	-0.2	-0.3	-1.3	1.1	7697610	-1.9	
27	392.679	1432.7	-2.6	-1	0	-2.5	0.8	7726015	-2.2	
27	392.379	1432.6	-2.5	3	0.1	-2.5	0.4	7783457	-2	
27	392.079	1432.7	-2.7	1.2	0.4	-2.5	0	7841760	-1.9	
27	391.779	1432.5	-1.3	1.7	0.5	-1.4	-0.5	7930871	-1.9	
27	391.479	1432.2	-0.7	2.2	0.3	-0.9	-0.9	8052885	-1.8	
27	391.179	1432.1	-0.7	0.6	0.5	-0.8	-1.2	8243110	-1.8	
27	390.879	1432	-0.3	1.1	0.5	-0.2	-1.3	8616255	-1.7	
27	390.579	1432.3	-0.7	0.2	0.7	-0.9	-1.2	9024785	-1.8	
27	390.279	1432.2	0	1	0.7	-0.4	-1.1	9560502	-1.8	
27	389.979	1432.3	-0.6	1.3	0.7	-0.7	-0.8	10163835	-1.7	
27	389.679	1432.5	-0.2	1	0.6	-0.5	-0.4	10792526	-2	
27	389.379	1432.6	0.2	2	0.6	-0.5	0.1	11379076	-2.2	
27	389.079	1432.9	-0.4	0.7	0.6	-1.6	0.5	11964286	-2.4	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
27	388.779	1432.9	0.1	1.2	0.3	-1.5	0.9	12389053	-2.6	
27	388.479	1432.9	-1	0.5	0.1	-2.4	1.1	12766768	-2.3	
27	388.179	1432.9	-1	0.4	-0.3	-2.7	1.2	13004659	-2.4	
27	387.879	1432.5	-0.2	1.7	-0.7	-2.3	1.1	13335987	-2.6	
27	387.579	1432.3	-0.8	0.7	-1	-2.3	1	13508065	-2.5	
27	387.279	1432	-0.7	0.4	-1.3	-2.5	0.9	13251582	-2.3	
27	386.979	1431.4	-1.6	-0.4	-1.6	-2.8	0.5	12766768	-1.9	
27	386.679	1431.4	-1.8	0	-1.7	-2.3	0.4	12244152	-1.6	
27	386.379	1431.3	-1.4	0.1	-1.6	-1.5	0.2	11762641	-1.5	
27	386.079	1431.4	-1.4	0.8	-1.5	-1.2	0.1	11256721	-1.6	
27	385.779	1431.7	-0.6	1.6	-1.2	-0.8	0.1	10904948	-1.9	
27	385.479	1432	-1	1.3	-0.9	-1.7	0.3	10682398	-1.8	
27	385.179	1432.3	-1.4	0.3	-0.6	-1.8	0.4	10574495	-2	
27	384.879	1432.3	-0.8	1.8	-0.3	-1.7	0.3	10682398	-2.2	
27	384.579	1432.4	-1.6	1.3	0.3	-1.7	0.2	11019737	-2.1	
27	384.279	1432.5	-1.8	1.2	0.5	-1.8	0.1	11631945	-2	
27	383.979	1432.5	-2.8	-0.6	0.6	-2.2	0.1	12462798	-1.2	
27	383.679	1432.6	-2.6	0	0.7	-1.8	0.1	13595779	-0.9	
27	383.379	1432.7	-2.3	0.6	0.9	-2.1	-0.1	14849291	-0.9	
27	383.079	1432.7	-1.9	2.1	0.9	-1.1	-0.2	16105769	-0.6	
27	382.779	1432.7	-2.3	2.3	0.8	-1	-0.3	17161885	-0.2	
27	382.479	1432.5	-2	2.6	0.8	-0.4	-0.5	17895299	0.2	
27	382.179	1432.4	-2.3	1	0.6	-0.3	-0.5	17895299	0.5	
27	381.879	1432.4	-2.2	1.7	0.5	-0.2	-0.4	17303719	0.4	
27	381.579	1432.2	-2.2	1.5	0.2	0.5	-0.3	16230620	0.4	
27	381.279	1432.2	-2	0.8	0.1	0.2	-0.2	14744718	0.2	
27	380.979	1432	-1.6	1.8	0.1	0.2	-0.2	13335987	-0.2	
27	380.679	1432	-1.7	0.8	0	-0.4	0	12033046	-0.4	
27	380.379	1432.1	-1.7	0.4	0.2	-0.7	0.1	11019737	-1	
27	380.079	1432.1	-1.9	0.7	0.3	-1	0.1	10213415	-1.4	
27	379.779	1432.2	-1.3	1.2	0.3	-0.8	0.1	9648618	-1.9	
27	379.479	1432.1	-1.4	1.3	0.1	-1.2	0.1	9264381	-1.8	
27	379.179	1432	-1.8	-0.5	-0.1	-1.8	0.1	9063853	-1.7	
27	378.879	1431.9	-1.3	-0.6	-0.4	-1.7	0.1	8986052	-1.7	
27	378.579	1431.6	-1.7	-1	-0.7	-1.8	0	9063853	-1.3	
27	378.279	1431.3	-1.5	-1.2	-1.1	-0.9	0	9223568	-1	
27	377.979	1430.9	-1.7	-1	-1.7	-0.5	0	9431306	-0.3	
27	377.679	1430.9	-2.7	-2.7	-2	-0.4	0.3	9693287	0.7	
27	377.379	1431.2	-2.6	-2	-2.2	-0.3	0.8	10114734	0.9	
27	377.079	1431.4	-1.7	-1.5	-2.2	0.2	1	10682398	0.6	
27	376.779	1431.8	-1.2	-1.4	-1.9	0.5	1.1	11317568	-0.3	
27	376.479	1432.1	-0.7	-0.3	-1.5	-0.6	1.1	12172965	-1.1	
27	376.179	1432.5	-0.7	-0.8	-1	-0.4	1.2	13251582	-1.4	
27	375.879	1432.9	-1.5	-0.5	-0.5	-2.1	1.2	14641608	-1.8	
27	375.579	1433	-1.3	-0.3	0	-1.7	1	16486221	-2.2	
27	375.279	1433.2	-1.2	-1	0.3	-1.6	0.8	19208716	-2.8	
27	374.979	1433	-1.4	-0.6	0.2	-2.6	0.5		-3.4	
27	374.679	1433	-1.2	-0.5	0.2	-2.6	0.4		-3.6	
27	374.379	1433.1	-2.1	-0.5	0.1	-4.2	0.3		-3.7	
27	374.079	1433.1	-1.1	0.7	0	-3.2	0.3		-3.7	
27	373.779	1433.1	-1.7	-0.3	-0.1	-3.6	0.2		-3.7	
27	373.479	1433.1	-1	0.4	-0.2	-2.6	0.2		-3.6	
27	373.179	1433.1	-1.9	-1.3	-0.4	-3	0.2		-3.1	
27	372.879	1433.3	-2.1	-1.1	-0.4	-3	0.3		-2.7	
27	372.579	1433.3	-1.8	-0.4	-0.3	-2.3	0.3	17022358	-2.3	
27	372.279	1433.5	-2.6	-1.8	-0.1	-2.6	0.4	14146960	-1.9	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
27	371.979	1433.5	-2.1	-0.5	0	-1.6	0.4	11896307	-1.8	
27	371.679	1433.4	-2.6	-0.8	0	-1.8	0.3	10314040	-1.1	
27	371.379	1433.5	-2.8	0	0.1	-1	0.4	9183114	-0.7	
27	371.079	1433.4	-2.4	0.2	0.2	-1	0.3	8408635	-0.4	
27	370.779	1433.6	-2.8	-0.5	0.4	-0.5	0.4	7841760	-0.1	
27	370.479	1433.6	-2.5	-0.6	0.4	0.1	0.4	7477679	0	
27	370.179	1433.5	-2.2	0.1	0.3	0.6	0.4	7244810	0	
27	369.879	1433.3	-2.5	-0.5	0.1	0.8	0.4	7170377	0	
27	369.579	1433.2	-2.5	-0.2	0	-0.4	0.5	7170377	-0.5	
27	369.279	1433	-2.7	-0.5	-0.1	0.1	0.6	7219828	-0.8	
27	368.979	1432.9	-3.2	-1	-0.2	-0.4	0.7	7269965	-1.1	
27	368.679	1432.7	-2.6	-0.6	-0.3	-0.6	0.7	7295296	-1.6	
27	368.379	1432.6	-2.8	-1.2	-0.4	-1	0.7	7219828	-1.8	
27	368.079	1432.4	-3	-1.3	-0.5	-1.9	0.7	7121599	-2	
27	367.779	1432.3	-3.8	-2.1	-0.3	-2.8	0.5	6955980	-2	
27	367.479	1432.1	-4	-2.1	0.1	-3.1	0.1	6842320	-2.1	
27	367.179	1431.9	-3.1	-1.8	0	-2.3	-0.2	6820033	-2.1	
27	366.879	1431.7	-4.7	-3.3	0.1	-4.1	-0.6	6820033	-1.9	
27	366.579	1431.4	-5	-3.2	0	-4.3	-0.9	6820033	-1.6	
27	366.279	1431.2	-4.8	-3.5	0	-4.3	-1.2	6842320	-1.3	
27	365.979	1431	-4.3	-2.6	-0.1	-3.5	-1.4	6910066	-1.3	
27	365.679	1430.8	-3.7	-2.2	-0.2	-2.8	-1.5	7026007	-1.1	
27	365.379	1430.7	-3.9	-2.2	-0.5	-2.2	-1.5	7097458	-0.9	
27	365.079	1430.6	-3.4	-0.7	-0.7	-2.1	-1.3	7145905	-0.8	
27	364.779	1431	-3.3	-0.7	-0.7	-2.3	-0.9	7121599	-0.7	
27	364.479	1431.3	-2.3	-0.6	-0.7	-0.8	-0.6	7073480	-1.2	
27	364.179	1431.6	-1.4	-0.2	-0.7	0.1	-0.2	7026007	-1.6	
27	363.879	1432	-1	-0.3	-0.6	-0.2	0.3	7002509	-1.8	
27	363.579	1432.4	-1.4	-0.7	-0.4	-1.2	0.7	6932947	-2.2	
27	363.279	1432.6	-1	0.5	-0.4	-0.9	1	6864754	-2.2	
27	362.979	1433.1	-1.4	-0.1	-0.1	-1.9	1.4	6754032	-2.6	
27	362.679	1433.2	-0.2	1	-0.2	-1.3	1.6	6646826	-2.7	
27	362.379	1433.3	-0.3	1.1	-0.6	-1.9	2	6502329	-2.5	
27	362.079	1433.6	-0.8	0.4	-0.9	-2.7	2.3	6344697	-2.5	
27	361.779	1433.6	-1.2	0.9	-1	-3.2	2.3	6140030	-2.3	
27	361.479	1433.5	-0.5	0.6	-1.2	-2.6	2.2	5897888	-2.3	
27	361.179	1433.2	-0.4	1.3	-1.3	-2.1	1.9	5658784	-2.1	
27	360.879	1433.2	-0.8	0.2	-1.2	-2.5	1.6	5410207	-2.2	
27	360.579	1433	-0.2	1.7	-1.2	-1.7	1.3	5195410	-2.5	
27	360.279	1433	0.2	2.3	-1	-2	1	4997017	-3	
27	359.979	1432.8	1.5	3.3	-0.7	-1.2	0.4	4824309	-4	
27	359.679	1433	1	3.6	-0.3	-1.7	0.1	4694507	-4.3	
27	359.379	1432.9	0.8	2.9	-0.2	-1.2	-0.1	4611784	-4.2	
27	359.079	1433	0.6	3.2	-0.1	-1.6	-0.1	4571507	-4.2	
27	358.779	1432.8	0.6	3.4	-0.2	-1.8	0	4561547	-4.1	
27	358.479	1432.9	-0.1	2.3	-0.3	-1.5	0.3	4541757	-4	
27	358.179	1432.7	-0.6	2.2	-0.5	-2.6	0.4	4512393	-4	
27	357.879	1432.8	-1.4	1.1	-0.8	-3.2	0.7	4464286	-3.6	
27	357.579	1432.8	-2.2	0	-0.8	-4.2	0.8	4371086	-3.1	
27	357.279	1432.8	-2.4	0.1	-1.1	-4	0.9	4212777	-2.4	
27	356.979	1432.8	-3.2	-0.7	-1.2	-3.6	1	4003346	-1.2	
27	356.679	1432.9	-3.4	-0.7	-1.3	-3.7	1.1	3772523	-0.6	
27	356.379	1432.8	-3	0.2	-1.1	-2.3	1	3530776	0.2	
27	356.079	1432.7	-4.3	-1.7	-1.3	-2.4	0.9	3297245	1	
27	355.779	1432.7	-3.8	-1	-1	-1.8	0.7	3092689	1.3	
27	355.479	1432.9	-3.8	-0.8	-0.7	-0.8	0.7	2916087	1.8	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
27	355.179	1432.9	-3.6	0.2	-0.6	0.1	0.6	2769511	1.6	
27	354.879	1433	-2.6	1.4	-0.5	0.4	0.6	2646966	1	
27	354.579	1433.2	-2.4	0.7	-0.3	0.6	0.6	2553354	0.4	
27	354.279	1433.2	-1.2	3.5	-0.4	1	0.5	2477811	-0.6	
27	353.979	1433.1	-1.5	3.5	-0.4	-0.1	0.4	2417726	-1	
27	353.679	1433.2	-1.7	3.1	-0.4	0.3	0.5	2371178	-1.6	
27	353.379	1433.2	-0.9	3.4	-0.3	-0.1	0.5	2334170	-2.4	
27	353.079	1433.1	-0.9	2.8	-0.6	-0.4	0.7	2303356	-2.8	
27	352.779	1433.1	-1.9	2	-0.6	-1.7	0.8	2280774	-3.1	
27	352.479	1433	-1.5	1.9	-0.9	-1.8	1	2265964	-3.2	
27	352.179	1433	-2	1.3	-1.1	-2.2	1.2	2258631	-2.8	
27	351.879	1433.3	-2.2	0.1	-1	-2.8	1.5	2253768	-2.6	
27	351.579	1433.3	-1.8	-0.4	-1.1	-2.1	1.7	2246514	-2.2	
27	351.279	1433.4	-2.9	-1.9	-1.2	-2.3	1.9	2236913	-1.6	
27	350.979	1433.3	-2.6	-1.2	-1.5	-2.1	2	2215609	-1.3	
27	350.679	1433.1	-2.8	-1.8	-1.7	-1.8	2	2185544	-0.7	
27	350.379	1432.9	-3.1	-1.7	-1.8	-1	2	2143041	-0.5	
27	350.079	1432.8	-3.1	-2.9	-1.9	-1	1.9	2095847	-0.6	
27	349.779	1432.6	-2.9	-2.6	-1.8	-0.9	1.6	2036723	-0.6	
27	349.479	1432.5	-2.9	-2.1	-1.8	-0.6	1.3	1978971	-0.7	
27	349.179	1432.3	-2.2	-1	-1.7	-1.1	1	1920872	-0.8	
27	348.879	1432.2	-2.7	-2.2	-1.7	-1	0.8	1867753	-0.6	
27	348.579	1432.4	-2.7	-2.3	-1.6	-1.1	0.9	1819071	-0.6	
27	348.279	1432.4	-2.5	-1.7	-1.4	-1	1	1775870	-0.5	
27	347.979	1432.4	-3.3	-3.1	-1.5	-1	1.2	1731804	-0.2	
27	347.679	1432.5	-3.9	-4.1	-1.4	-2.2	1.5	1691237	-0.3	
27	347.379	1432.5	-3.2	-4.7	-1.6	-1.4	1.9	1647326	-0.2	
27	347.079	1432.8	-3.7	-4.7	-1.8	-1.2	2.4	1601952	-0.1	
27	346.779	1432.7	-2	-2.8	-2.1	-0.9	2.6	1556692	-0.5	
27	346.479	1432.8	-1.7	-2.3	-2.3	-0.3	2.9	1511734	-0.4	
27	346.179	1433	-1.9	-2.5	-2.4	-0.6	3	1467240	-0.6	
27	345.879	1432.6	-1.2	-1.1	-2.8	-0.2	2.8	1424321	-0.6	
27	345.579	1432.4	-2	-1.4	-2.8	-0.7	2.6	1382927	-0.7	
27	345.279	1432.1	-0.9	0.5	-2.9	0.2	2.3	1344735	-1.1	
27	344.979	1431.9	-1	1.2	-3	-0.2	2.2	1310233	-1	
27	344.679	1431.8	-2.3	0.1	-3.1	-0.7	2	1280582	-0.7	
27	344.379	1432	-0.9	2.3	-3	-0.9	1.9	1254495	-1.1	
27	344.079	1432.3	-0.9	2.5	-2.9	-0.8	1.9	1229449	-0.9	
27	343.779	1432.5	-1.1	1.9	-2.9	-0.8	2	1205384	-0.9	
27	343.479	1432.8	-0.6	3.7	-2.6	-0.7	2.1	1182911	-1.2	
27	343.179	1432.9	-0.7	3.1	-2.5	-0.5	2.2	1161260	-1.1	
27	342.879	1433	-0.5	3.3	-2.5	-0.7	2.3	1141632	-1.3	
27	342.579	1433	-0.4	3.2	-2.1	-0.9	2.2	1123258	-1.4	
27	342.279	1433.1	-0.8	1.8	-2	-0.2	2.3	1106635	-1.2	
27	341.979	1433.6	-0.3	2.1	-1.6	-0.9	2.5	1091064	-1.6	
27	341.679	1433.7	-0.2	1	-1.6	-1.5	2.6	1077033	-1.7	
27	341.379	1433.7	-0.5	1	-1.6	-1.2	2.6	1064981	-1.6	
27	341.079	1433.9	-1	0.7	-1.8	-1.8	2.8	1054787	-1.5	
27	340.779	1434	-0.6	0.3	-1.9	-1.1	2.9	1045309	-1.3	
27	340.479	1434.3	-1.2	-0.3	-2.3	-1.8	3.2	1035486	-1.2	
27	340.179	1433.9	-0.8	1.1	-2.8	-1.1	3.2	1024341	-1	
27	339.879	1433.7	-1.2	0.3	-3.5	-1	3.3	1010987	-0.6	
27	339.579	1433.3	-1	1	-4.1	-1.5	3.1	995603	-0.8	
27	339.279	1433.1	0.2	2.4	-4.2	-0.3	3.1	977476	-0.8	
27	338.979	1432.9	-0.7	1.1	-4.2	-0.8	3	956489	-0.9	
27	338.679	1432.9	-0.7	2.2	-4.1	-0.5	3	934294	-0.9	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
27	338.379	1433.2	-0.9	1.7	-3.9	-0.8	3.1	911517	-0.9	
27	338.079	1433.8	-0.7	2.1	-3.8	-0.4	3.4	889445	-0.9	
27	337.779	1434	-0.9	2.2	-3.6	-0.7	3.6	869499	-0.8	
27	337.479	1434.6	-0.8	2.3	-3.4	-0.3	4.1	852159	-0.8	
27	337.179	1434.9	-0.3	2.6	-3.4	0	4.5	838172	-0.8	
27	336.879	1434.7	-0.4	2.5	-3.9	-0.7	4.8	826917	-0.7	
27	336.579	1434.6	-1.1	1.1	-4.2	-0.9	5.1	817873	-0.7	
27	336.279	1434.2	-1.1	1.6	-4.7	-0.8	5.2	810904	-0.7	
27	335.979	1433.9	-1.3	1.4	-5.2	-0.3	5.2	805600	-0.5	
27	335.679	1434	-1.2	1.3	-5.5	-0.2	5.1	800671	-0.6	
27	335.379	1434.1	-1.2	2.1	-5.7	-0.4	5	795802	-0.6	
27	335.079	1434.2	-1.3	2.6	-5.7	-0.3	4.7	790395	-0.7	
27	334.779	1434.3	-1.2	2	-5.5	-0.9	4.3	785649	-0.9	
27	334.479	1434.4	-0.9	2.8	-5.1	-0.6	4	781252	-0.9	
27	334.179	1434.5	-1.1	0.9	-4.8	-0.5	3.9	778348	-0.9	
27	333.879	1434.5	-1.2	0.5	-4.2	-0.1	3.8	776040	-0.6	
27	333.579	1434.5	-2.1	-0.2	-3.6	-0.8	3.8	774604	-0.2	
27	333.279	1435	-2.4	-1.2	-3	-0.7	3.8	773460	-0.1	
27	332.979	1435.5	-1.8	0.2	-2.3	-0.7	3.8	772319	0	
27	332.679	1435.8	-2.5	-1.6	-1.9	-1.1	3.8	770613	0.2	
27	332.379	1436.2	-2.1	-1.1	-1.7	-0.7	3.8	766943	0.2	
27	332.079	1436.3	-2	0.3	-1.7	-0.9	3.9	761643	0.2	
27	331.779	1436.2	-2	-1.1	-2.1	-0.6	4	754507	0.2	
27	331.479	1435.6	-2.2	-1.3	-2.8	-1.4	3.9	745640	0.1	
27	331.179	1434.8	-1.8	-0.7	-3.6	0	3.8	735684	0	
27	330.879	1434.3	-2.4	-1.8	-4.7	-1.1	3.8	725739	-0.5	
27	330.579	1433.9	-1	-0.3	-5.6	-0.2	3.9	716549	-1	
27	330.279	1433.7	-1.1	-0.6	-6.3	-0.5	4.2	708787	-1.4	
27	329.979	1433.8	-1.1	-0.7	-6.8	-1.3	4.6	702132	-2.2	
27	329.679	1433.7	-0.9	-0.1	-6.9	-1.4	4.8	697454	-2.6	
27	329.379	1434	-1.2	-0.9	-6.8	-1.8	5.2	693986	-2.8	
27	329.079	1434.5	-0.2	0	-6.3	-1.2	5.7	692151	-3.1	
27	328.779	1434.7	-1.4	-0.9	-5.9	-1.7	6	691237	-2.6	
27	328.479	1435.3	-1.1	-0.1	-5.5	-1	6.5	690325	-2.9	
27	328.179	1435.7	-1.7	-1.1	-5.3	-2.7	6.7	689416	-3.1	
27	327.879	1435.8	-1.5	-0.3	-5	-2.1	6.6	688509	-3	
27	327.579	1435.8	-2	-1.2	-5.1	-2.4	6.4	687154	-2.7	
27	327.279	1435.4	-2.2	-1	-5.2	-1.9	6	686028	-1.8	
27	326.979	1435.1	-2.4	-1.4	-5.5	-1.2	5.8	685130	-1.1	
27	326.679	1434.6	-2	-2.2	-5.8	-1.3	5.4	684458	-0.5	
27	326.379	1434.4	-2.8	-2.1	-5.8	-0.8	5.1	684458	0.3	
27	326.079	1434.4	-3.7	-3	-5.5	-1.1	4.7	684682	0.8	
27	325.779	1434.7	-3.2	-2.3	-5	0.1	4.4	685354	1.4	
27	325.479	1434.8	-3.7	-3	-4.7	0	4.2	686253	2.2	
27	325.179	1435.3	-3.4	-2.5	-4.1	0.5	4.1	687379	2.4	
27	324.879	1435.4	-3.3	-2.5	-3.3	0.5	3.8	688509	2.5	
27	324.579	1435.6	-3.4	-3.1	-2.7	1.4	3.5	689189	2.3	
27	324.279	1435.4	-2.2	-1.8	-2.1	1.2	2.9	689416	1.9	
27	323.979	1435.4	-2	-0.9	-1.9	2.3	2.7	689416	1.6	
27	323.679	1435.2	-2.4	-1.3	-1.9	1.8	2.5	688736	1.1	
27	323.379	1435	-2.1	-0.8	-2.1	0.5	2.5	687605	0.5	
27	323.079	1434.8	-1.6	-0.4	-2.4	1.9	2.6	685803	-0.2	
27	322.779	1434.7	-0.9	0.3	-3	0.1	2.9	683564	-1.1	
27	322.479	1434.4	-0.4	0.9	-3.8	0.5	3.5	680675	-1.6	
27	322.179	1434.5	-2.5	-1.3	-4.5	-1.4	4.2	677372	-2	
27	321.879	1434.6	-0.9	0	-5.1	-1.4	5.1	673667	-2.1	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
27	321.579	1434.7	-2.5	-1.4	-5.6	-2.9	5.9	669788	-2	
27	321.279	1434.7	-2.6	-1.4	-5.8	-3	6.4	665107	-2.3	
27	320.979	1434.4	-0.9	1.2	-6.2	-1.1	6.7	659659	-2.4	
27	320.679	1434.4	-3.6	-1.2	-6.1	-4.2	6.6	654299	-2.4	
27	320.379	1434.3	-0.8	1	-6.2	-2.4	6.4	649026	-2.5	
27	320.079	1434.1	-1.6	0.9	-6.1	-3.1	6	644630	-2.2	
27	319.779	1434	-2.7	-0.6	-5.8	-3.2	5.3	641273	-2.1	
27	319.479	1433.8	-0.9	1.1	-5.6	-1.9	4.6	638536	-1.9	
27	319.179	1433.4	-1.2	0.8	-5.4	-1	3.9	637369	-1.6	
27	318.879	1432.9	-1.4	0.8	-5.4	-0.6	3.4	638146	-1.1	
27	318.579	1432.8	-2.3	-0.5	-5.3	-0.6	3.4	640489	-0.1	
27	318.279	1433	-1.9	0.5	-5.2	0.4	3.5	645027	-0.2	
27	317.979	1433.4	-1	0	-5.1	-0.1	3.8	650842	-0.6	
27	317.679	1433.9	-1.1	0	-5	0	4.2	656762	-0.7	
27	317.379	1434.5	-0.8	0.3	-5	0.4	4.6	662581	-1	
27	317.079	1434.9	-1	-0.1	-4.8	-0.6	4.9	667652	-0.8	
27	316.779	1435.2	-1.1	0.1	-4.5	-0.4	5.1	672369	-0.7	
27	316.479	1435.1	-1.3	-1.1	-4.3	-0.2	5.1	676278	-0.5	
27	316.179	1434.9	-2.7	-1.3	-4.3	-0.3	5.1	679571	0.2	
27	315.879	1435	-1.4	-0.3	-4.1	0.6	4.9	682006	-0.4	
27	315.579	1435.1	-2.1	-0.4	-3.9	-1	4.7	683564	-0.4	
27	315.279	1435.4	-2	-0.5	-3.7	-0.5	4.5	684906	-0.5	
27	314.979	1435.8	-1.7	0.3	-3.4	-0.4	4.2	686703	-0.6	
27	314.679	1435.9	-1.4	0.8	-3.2	-0.2	4	688057	-0.4	
27	314.379	1435.8	-1.6	0.8	-3.4	0.8	3.9	688962	-0.2	
27	314.079	1435.7	-1.8	0.2	-3.4	0.3	3.9	688509	0	
27	313.779	1435.4	-2.1	0.7	-3.6	1.2	4.1	687154	0.3	
27	313.479	1435.3	-2.9	0.8	-4.1	0.6	4.3	685130	0.4	
27	313.179	1435.2	-2	1.2	-4.6	1.6	4.6	682895	0.2	
27	312.879	1435.2	-2.8	0.9	-5.1	1	4.8	680897	0	
27	312.579	1435.5	-3	0.4	-5.4	0.5	5.1	679350	-0.3	
27	312.279	1435.3	-2.2	1.1	-6	1.4	5.3	678689	-0.3	
27	311.979	1435.4	-4.1	-0.7	-6.4	-0.1	5.6	679571	-0.5	
27	311.679	1435.2	-2.9	-0.7	-6.7	1.4	5.8	682228	-1.1	
27	311.379	1435	-3.3	-1.3	-6.9	0.5	6.1	686253	-1.4	
27	311.079	1435.2	-4.9	-2.5	-6.9	0.2	6.4	691465	-1.7	
27	310.779	1435.2	-4.6	-2.5	-6.6	-0.2	6.4	697222	-2	
27	310.479	1435.6	-5.6	-4	-6.1	-0.8	6.5	702367	-2.4	
27	310.179	1435.8	-6	-5.1	-5.9	-1.3	6.4	706873	-3.1	
27	309.879	1436.1	-6.3	-5.9	-5.5	-2	6.3	709989	-3.5	
27	309.579	1436.5	-7.4	-4.9	-5	-1.6	6.2	710953	-3.5	
27	309.279	1436.5	-9	-8.1	-4.6	-3.6	5.8	709507	-3.7	
27	308.979	1436.3	-8.4	-5.9	-4.4	-3.3	5.3	705919	-3.5	
27	308.679	1436	-10.7	-8.1	-4.5	-4.6	4.8	700253	-3.3	
27	308.379	1435.6	-10.7	-9.8	-4.4	-4.6	4.2	694216	-3	
27	308.079	1435.2	-11.5	-7.9	-4.4	-4.6	3.8	687831	-2.5	
27	307.779	1435.2	-12.5	-11.7	-4.3	-4.6	3.7	681562	-2.2	
27	307.479	1435.2	-13.4	-11.8	-4.2	-5.2	3.6	676060	-1.7	
27	307.179	1435.2	-14.4	-11.7	-4.4	-5.4	3.6	671722	-1.1	
27	306.879	1435.5	-15.2	-14.3	-4.2	-4.9	3.6	668718	-0.8	
27	306.579	1435.8	-13.9	-12.7	-3.8	-5	3.6	667227	-0.8	
27	306.279	1436.1	-14	-12.6	-3.5	-3.8	3.6	666802	-0.7	
27	305.979	1436.3	-13.5	-11.2	-3.4	-4.2	3.6	667652	-0.8	
27	305.679	1436.1	-13.1	-11.2	-3.6	-4	3.7	669360	-0.2	
27	305.379	1435.9	-14.1	-13.1	-3.6	-4.3	3.6	672153	0.1	
27	305.079	1435.6	-13.5	-12.4	-3.5	-3.4	3.3	675842	0.3	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
27	304.779	1435.5	-12.7	-11.9	-3.6	-1.2	3.2	679350	0.9	
27	304.479	1435.7	-13.1	-12.1	-3.5	-1.6	3.1	682450	1.2	
27	304.179	1435.7	-11.1	-10	-3.6	-0.5	3.1	685130	1.5	
27	303.879	1436	-11	-9.7	-3.6	-0.3	3.3	687154	1.6	
27	303.579	1436.5	-9.6	-6.9	-3.3	0.4	3.4	688962	1.5	
27	303.279	1436.8	-7.1	-5.7	-3	1.7	3.5	690325	1.4	
27	302.979	1436.6	-6.9	-4.8	-3.1	2.4	3.5	691465	1.3	
27	302.679	1436.5	-6.2	-4.2	-2.8	2.3	3.6	691922	1.4	
27	302.379	1436.6	-6.8	-5.1	-2.7	1.8	3.8	692609	1.5	
27	302.079	1436.7	-5.4	-4	-2.7	2.9	3.8	693297	1.1	
27	301.779	1436.5	-4.2	-2.6	-3	2.5	3.9	694447	0.9	
27	301.479	1436.5	-4.1	-2.3	-3.3	2.8	4.1	696063	0.6	
27	301.179	1436.6	-3.5	-1.4	-3.8	2.2	4.1	698384	0	
27	300.879	1436.6	-1.7	1.2	-4.2	2.2	4.2	701661	-0.3	
27	300.579	1436.4	-1.8	0.2	-4.6	2.2	4.4	704969	-0.7	
27	300.279	1435.8	-0.8	2	-5.4	2.7	4.5	708547	-1	
27	299.979	1435.4	-1.5	1.5	-6	2.5	4.7	711678	-1	
27	299.679	1435.5	-1.4	0.8	-6.3	2.6	4.9	714349	-1.1	
27	299.379	1435.4	-0.5	3.6	-6.4	2.2	5.2	716549	-1.3	
27	299.079	1435.4	-1.5	1.4	-6.3	1.7	5.4	717285	-1.3	
27	298.779	1436	-1.9	1.4	-6	1.7	5.8	716794	-1.4	
27	298.479	1436.3	-1.4	3.5	-5.6	1.2	6	715081	-1.3	
27	298.179	1436.6	-2.5	2.1	-5.4	0.5	6.3	712404	-1	
27	297.879	1436.8	-2.8	2.8	-5	0.1	6.6	709507	-1	
27	297.579	1436.9	-3.2	2.8	-4.7	0.3	6.7	707350	-0.9	
27	297.279	1437.1	-4.7	1.6	-4.7	-0.4	6.6	706157	-0.9	
27	296.979	1436.7	-3.7	3.7	-4.8	-0.3	6.3	706157	-0.9	
27	296.679	1436.1	-4.9	4.1	-4.9	-0.3	5.8	707350	-0.7	
27	296.379	1435.7	-6.5	1.9	-5.1	-1.5	5.3	709267	-0.8	
27	296.079	1435.3	-6	4.7	-5	-1.7	4.7	711194	-1.1	
27	295.779	1435	-6.1	4.6	-4.9	-1.3	4.1	712889	-1.4	
27	295.479	1434.6	-7.1	4.4	-4.7	-2.6	3.4	713862	-1.7	
27	295.179	1434.5	-7.2	5.3	-4.3	-2.7	2.8	713375	-1.8	
27	294.879	1434.9	-8.9	4.5	-3.8	-3.3	2.6	710953	-1.8	
27	294.579	1435.1	-8	6.4	-3.4	-4	2.6	707111	-1.9	
27	294.279	1435	-9	6.2	-3.1	-4.4	2.7	702132	-1.9	
27	293.979	1435.1	-9.7	4.2	-3.1	-4.6	3	696526	-2	
27	293.679	1434.9	-9.4	4.6	-3.2	-5	3.3	691237	-1.8	
27	293.379	1434.9	-9.9	3.6	-3.4	-4.8	3.7	686478	-1.5	
27	293.079	1435	-9.6	3.5	-3.5	-4.7	4.1	682895	-1.4	
27	292.779	1435.1	-9.4	4.7	-3.9	-4.4	4.6	680233	-1	
27	292.479	1435.1	-10.1	3.4	-4.4	-4.1	4.8	678910	-0.8	
27	292.179	1435	-8.1	4.6	-5	-3	5	678910	-0.8	
27	291.879	1434.8	-8.1	5	-5.5	-2.5	5.1	679130	-0.8	
27	291.579	1434.6	-7.7	3.4	-5.9	-2.3	5.1	679791	-1.1	
27	291.279	1434.3	-6.3	4.7	-6.3	-1.2	5.1	681118	-1	
27	290.979	1434.2	-7	2.6	-6.4	-2	5	681783	-0.9	
27	290.679	1434.2	-5.5	1.6	-6.5	-0.3	5	682228	-0.8	
27	290.379	1434.2	-4.8	2.1	-6.5	-0.1	5	682228	-0.8	
27	290.079	1434.5	-4.6	1.6	-6.2	0.6	5.1	682006	-0.7	
27	289.779	1435	-3.8	3	-5.5	0	5.2	682006	-0.7	
27	289.479	1435.3	-3.7	1.7	-4.9	0.4	5.3	682006	-0.3	
27	289.179	1435.8	-3.3	0.9	-4.3	0.7	5.5	682450	-0.2	
27	288.879	1436	-2.8	1.3	-3.8	0.7	5.5	683341	-0.2	
27	288.579	1436.2	-1.9	1.6	-3.5	1.5	5.5	685130	-0.3	
27	288.279	1436.4	-2.4	-0.7	-3	0.4	5.3	687379	-0.7	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
27	287.979	1436.3	-1.5	0.3	-2.9	0.2	5	690553	-1	
27	287.679	1436.1	-1.8	-1	-2.9	0.2	4.6	694677	-1.2	
27	287.379	1435.6	-0.8	0.7	-3.2	0.5	4.1	699318	-1.7	
27	287.079	1435.1	-0.7	0.7	-3.3	-0.1	3.6	704257	-1.9	
27	286.779	1434.6	-0.7	-0.2	-3.7	0.1	3.1	709027	-2.1	
27	286.479	1434.3	-1.1	0.4	-4	-0.5	2.8	713375	-2.2	
27	286.179	1434.2	-0.4	1.5	-4.2	-0.7	2.8	717040	-2.1	
27	285.879	1434.1	-1.4	0	-4.6	-0.8	2.9	719751	-2.1	
27	285.579	1434.1	-0.6	1.9	-4.9	-0.3	3.3	720990	-2.2	
27	285.279	1434.2	-1.7	1.1	-5.1	-1.3	3.8	720494	-2	
27	284.979	1434.3	-2.3	0.9	-5.1	-2.3	4.3	718763	-2.1	
27	284.679	1434.3	-1.2	3.5	-5.2	-1.9	4.8	715814	-2.2	
27	284.379	1434.6	-2.5	1.2	-5	-2.7	5.2	712404	-2.1	
27	284.079	1434.9	-2.7	2.2	-4.8	-2.6	5.5	708787	-2.1	
27	283.779	1435	-1.7	4.8	-4.6	-2.4	5.6	705444	-2.1	
27	283.479	1435.3	-3.1	2.9	-4.1	-3	5.5	702603	-1.9	
27	283.179	1435.1	-3.4	2.7	-3.9	-3.6	5.1	700487	-1.9	
27	282.879	1435	-2.9	4.2	-3.7	-2.7	4.7	699785	-1.7	
27	282.579	1434.6	-3.3	3.9	-3.7	-2	4.2	700487	-1.5	
27	282.279	1434.2	-2.2	6.7	-3.5	-2.2	3.8	702132	-1.4	
27	281.979	1434.1	-3.1	4.9	-3.8	-1.7	3.7	705206	-1.2	
27	281.679	1434	-3.2	5.8	-4.1	-1.9	3.6	709267	-1.1	
27	281.379	1433.8	-2.3	7.4	-4.1	-2	3.5	714349	-1	
27	281.079	1433.7	-2.5	6.9	-4.6	-0.9	3.8	719999	-1	
27	280.779	1433.7	-2.8	7.1	-4.8	-1	4	726242	-1	
27	280.479	1433.7	-2	7.6	-5.3	-0.6	4.4	733365	-1.1	
27	280.179	1433.8	-3.4	6	-5.4	-2.2	4.6	740890	-1.4	
27	279.879	1433.6	-1.6	8.5	-5.5	-2.1	4.7	748572	-1.6	
27	279.579	1433.8	-2.8	5.3	-5.4	-2.2	4.9	756415	-1.8	
27	279.279	1434.1	-2.2	5.9	-5.2	-1.9	5	764423	-2.4	
27	278.979	1433.8	-0.9	6.8	-5.2	-1.5	5	772603	-2.6	
27	278.679	1433.8	-2	4.3	-5	-2.5	5	780088	-2.6	
27	278.379	1434	-2.2	4.8	-4.5	-2.7	5	786535	-2.6	
27	278.079	1434.2	-2.1	3.4	-4.1	-2.6	4.9	791291	-2.7	
27	277.779	1434.5	-1.8	3	-3.6	-2.1	4.8	794293	-3	
27	277.479	1434.5	0	4.6	-3.3	-1.3	4.7	795802	-3.3	
27	277.179	1434.5	-1.6	2.2	-3.4	-2.2	4.5	796407	-3.3	
27	276.879	1434.6	-2.2	1.5	-3.4	-3.2	4.3	796105	-3.3	
27	276.579	1434.2	-1.7	1.6	-3.5	-3.2	4	795198	-2.9	
27	276.279	1433.8	-1.7	1.1	-3.8	-2.1	3.8	794594	-2.7	
27	275.979	1433.2	-1.5	0.4	-4.4	-1.5	3.6	794896	-2.3	
27	275.679	1433.1	-2.5	-0.1	-4.8	-1.8	3.6	796710	-1.8	
27	275.379	1432.9	-2	-0.5	-5.3	-1.5	3.6	800365	-1.5	
27	275.079	1432.6	-2.5	-0.7	-5.5	-2.8	3.5	805290	-1	
27	274.779	1433	-2.6	-1.8	-5.4	-1.3	3.8	811219	-0.6	
27	274.479	1433.3	-2.4	-1.7	-5.4	-0.6	4	817554	-0.6	
27	274.179	1433.6	-1.9	-1.2	-5	-0.8	4.2	824313	-0.6	
27	273.879	1433.9	-2.5	-1.4	-4.5	-1.3	4.4	832176	-0.8	
27	273.579	1434	-2.3	-1.9	-4.1	-1.4	4.5	840528	-1.1	
27	273.279	1434.4	-2.9	-1.5	-3.6	-1.6	4.6	849049	-1.3	
27	272.979	1434.7	-2.2	-1.6	-3	-2.1	4.4	857393	-1.6	
27	272.679	1434.7	-1.4	0.3	-2.7	-1.3	4.3	865903	-1.7	
27	272.379	1434.7	-2.2	0.1	-2.8	-1.8	4.1	874950	-1.7	
27	272.079	1434.7	-2.5	-1.3	-2.6	-2.8	3.7	884934	-1.8	
27	271.779	1434.6	-1.7	0.8	-2.6	-1.8	3.4	897067	-1.8	
27	271.479	1434.2	-2.3	0.4	-2.9	-2	3	911517	-1.7	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
27	271.179	1434	-2.5	-0.8	-3	-2.3	2.8	926850	-1.5	
27	270.879	1433.8	-2.6	0.5	-3.2	-2.2	2.5	944835	-1.6	
27	270.579	1433.7	-1.4	2	-3.3	-1.6	2.2	964419	-1.8	
27	270.279	1433.6	-1.1	1.8	-3.3	-1.8	2.1	985760	-1.7	
27	269.979	1433.8	-1.6	1.7	-3.2	-1.7	2.2	1007096	-1.8	
27	269.679	1433.9	-0.6	1.6	-3	-0.6	2.3	1026853	-1.9	
27	269.379	1434	-1.4	1.7	-2.7	-2	2.4	1044266	-1.8	
27	269.079	1434.2	-1.5	1.7	-2.4	-1.6	2.6	1059592	-1.9	
27	268.779	1434.4	-1.1	1.2	-2	-1.5	2.9	1072619	-1.9	
27	268.479	1434.6	-1	1.5	-1.9	-1.5	3.3	1084846	-2	
27	268.179	1434.9	-1	1.8	-1.5	-1.9	3.7	1096206	-2.2	
27	267.879	1434.9	-0.6	1.4	-1.6	-2	4	1107806	-2.2	
27	267.579	1434.8	-1.2	2.2	-1.9	-1.6	4.1	1119055	-2.1	
27	267.279	1434.5	-1.3	0.3	-2.2	-2.5	3.9	1131758	-2.2	
27	266.979	1434.1	-0.7	2.1	-2.8	-1.6	3.7	1147891	-2.2	
27	266.679	1433.7	-1.2	1	-3.4	-1.7	3.4	1168389	-2.2	
27	266.379	1433.1	-0.4	0.5	-3.9	-1.5	3	1194382	-2.4	
27	266.079	1432.5	-0.4	1.6	-4.5	-1.2	2.7	1225850	-2.4	
27	265.779	1431.8	-1.3	0.9	-5.1	-2.1	2.3	1262818	-2.3	
27	265.479	1431.4	-0.5	1.6	-5.3	-1.7	2.1	1307778	-2	
27	265.179	1431.4	-1.8	0	-5.1	-2.2	2.2	1361347	-1.7	
27	264.879	1431.8	-1.4	-1.4	-4.6	-1.2	2.4	1421420	-1.7	
27	264.579	1432.3	-1.2	0.4	-4.1	-1.1	2.8	1489155	-1.6	
27	264.279	1433.1	-1.9	0.3	-3.5	-1.4	3.1	1559011	-1.6	
27	263.979	1433.5	-1.4	0.3	-2.6	-1.8	3.1	1628111	-1.4	
27	263.679	1433.9	-2.2	-0.5	-2	-2.6	3.1	1693973	-1.3	
27	263.379	1434.2	-2	-0.5	-1.2	-1.8	3	1755030	-1.4	
27	263.079	1434.2	-1	1.5	-0.7	-1.7	2.7	1811203	-1.5	
27	262.779	1433.9	-1.3	0.7	-0.5	-0.8	2.3	1859459	-1.2	
27	262.479	1433.5	-2.5	0	-0.6	-1.8	1.7	1898233	-1	
27	262.179	1433.1	-2.8	-0.2	-0.9	-1.9	1.1	1929724	-0.7	
27	261.879	1433.2	-3.1	-0.7	-1	-1.5	0.5	1949489	-0.8	
27	261.579	1432.9	-1.5	0.4	-0.9	-0.9	-0.1	1962278	-1	
27	261.279	1433.1	-1.3	1.2	-0.8	0.2	-0.3	1969662	-1	
27	260.979	1433.1	-1.8	0.5	-0.7	-0.7	-0.5	1975237	-1.2	
27	260.679	1432.9	-1.1	1.8	-0.7	-0.7	-0.5	1980843	-1.2	
27	260.379	1432.9	-1.7	0.5	-0.5	-0.7	-0.3	1984598	-1.2	
27	260.079	1433.1	-1.9	-0.5	-0.2	-0.9	0.1	1990257	-1.4	
27	259.779	1433.4	-2	0.2	-0.3	0.4	0.7	2003589	-1.5	
27	259.479	1434.2	-2.8	-0.3	-0.2	-1.7	1.5	2024904	-2	
27	259.179	1434.4	-1.7	0	-0.5	-1.3	2.1	2058752	-2.3	
27	258.879	1434.4	-2.7	-0.4	-1	-2.8	2.6	2106389	-2.1	
27	258.579	1434.3	-2.6	-0.1	-1.2	-3	2.8	2171941	-2.2	
27	258.279	1433.9	-2.2	0.4	-1.7	-2.6	3	2253768	-1.6	
27	257.979	1433.5	-3.1	-1.7	-1.7	-3.2	2.9	2355175	-1.4	
27	257.679	1432.9	-2.4	-1.3	-2.2	-2.1	2.9	2471960	-0.7	
27	257.379	1432.9	-5	-3.4	-2	-3.8	2.6	2604167	-0.3	
27	257.079	1432.6	-3.2	-2.6	-2.1	-1.7	1.9	2744103	-0.2	
27	256.779	1432.7	-3.8	-2.4	-1.6	-1.8	1.1	2883954	0.3	
27	256.479	1432.5	-2.8	-1.3	-1.2	-0.6	0.1	3021285	0.3	
27	256.179	1432.3	-1.9	-0.8	-0.9	0	-0.7	3139056	0.1	
27	255.879	1432.2	-1.4	-0.4	-0.5	0.3	-1.4	3251165	-0.4	
27	255.579	1431.8	-0.8	0.2	-0.1	0.6	-2.1	3350000	-1.2	
27	255.279	1431.3	0	0.6	0.3	0.2	-2.7	3443668	-1.8	
27	254.979	1431.2	-1.1	0.1	0.5	-0.2	-3	3548729	-2.4	
27	254.679	1431.3	-0.5	0.8	0.9	-0.7	-2.9	3673246	-2.8	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
27	254.379	1431.9	-1.8	-1.1	0.8	-1.5	-2.3	3806819	-3	
27	254.079	1432.7	-1.1	0.1	1	-1.6	-1.5	3950472	-3.2	
27	253.779	1433.6	-0.9	-0.5	1.1	-2	-0.6	4081384	-3.1	
27	253.479	1434.3	-2	-1.6	1.1	-3.2	0.2	4204318	-2.8	
27	253.179	1434.5	-2	-0.7	0.8	-3.3	0.9	4308128	-2.5	
27	252.879	1434.5	-1.7	-1.2	0.6	-3.8	1.4	4371086	-2.2	
27	252.579	1434.5	-1.6	0.2	0	-2.6	2	4380230	-1.9	
27	252.279	1434.1	-2.1	-0.7	-0.6	-3.3	2.3	4334886	-1.5	
27	251.979	1434.1	-2.7	-1.5	-1	-2.8	2.6	4255590	-1.1	
27	251.679	1434	-2.7	-0.8	-1.4	-2.6	2.7	4162525	-1.2	
27	251.379	1433.8	-2	-0.6	-1.9	-2.4	2.6	4065534	-1.2	
27	251.079	1433.8	-1.8	0.4	-2.1	-1.8	2.5	3995706	-1.1	
27	250.779	1433.8	-1.6	0.4	-2	-2.2	2.2	3950472	-1.4	
27	250.479	1433.7	-0.2	0.8	-1.8	-1.2	2	3928237	-1.6	
27	250.179	1433.7	-0.6	0.7	-1.7	-1.4	1.8	3943032	-1.7	
27	249.879	1433.6	-0.1	2.4	-1.3	-1.1	1.5	3988096	-1.9	
27	249.579	1433.1	-0.3	2.5	-1.4	-0.8	1.2	4081384	-1.5	
27	249.279	1432.7	-1.4	1.7	-1.2	-1.2	0.7	4246958	-1.5	
27	248.979	1432.6	-0.6	0.9	-0.8	-1.1	0.3	4483405	-1.6	
27	248.679	1432.5	-0.1	1.2	-0.6	-0.8	-0.1	4780251	-1.7	
27	248.379	1432.6	0.3	2.1	-0.5	-0.6	-0.2	5131741	-2.1	
27	248.079	1432.5	0.5	1.6	-0.6	-1.5	-0.3	5539021	-2.1	
27	247.779	1432.7	-0.1	1.6	-0.7	-1.7	-0.2	5982143	-1.9	
27	247.479	1432.7	0.3	2.2	-0.7	-1.6	-0.2	6502329	-2.1	
27	247.179	1432.4	0.8	2.8	-0.6	-1.4	-0.2	7026007	-1.9	
27	246.879	1432.4	-0.6	2.2	-0.5	-1.5	0	7398410	-1.7	
27	246.579	1432.4	-0.1	1.6	-0.5	-1.7	0.1	7504480	-1.8	
27	246.279	1432.7	-0.1	2.6	-0.4	-1.8	0.4	7269965	-1.8	
27	245.979	1432.8	-0.7	1.9	-0.4	-2.8	0.4	6775890	-1.8	
27	245.679	1433.1	0	2.2	-0.1	-2.4	0.4	6176254	-2	
27	245.379	1433.4	0	3.1	0.1	-1.9	0.4	5524407	-1.8	
27	245.079	1433.6	-0.2	2.2	-0.1	-2.3	0.4	4903396	-1.8	
27	244.779	1433.3	0.8	5.8	-0.2	-1.5	0.4	4380230	-1.6	
27	244.479	1433.2	-0.3	2.9	-0.8	-1.7	0.8	3988096	-1.5	
27	244.179	1433	0.2	4	-1.3	-1.4	1.1	3725534	-1.6	
27	243.879	1432.9	-0.1	2.7	-1.9	-2.2	1.4	3585189	-1.7	
27	243.579	1432.9	0.2	2.1	-2.3	-1.6	1.6	3542725	-2	
27	243.279	1433	0.4	1.8	-2.5	-2.2	1.8	3597509	-2.2	
27	242.979	1433.2	0.3	1.1	-2.8	-2	2	3745528	-2.3	
27	242.679	1433.8	0.3	0.3	-2.5	-1.5	2.2	3972961	-2.5	
27	242.379	1433.8	0.7	1.8	-2.5	-2	2.2	4308128	-2.5	
27	242.079	1433.9	0.5	1	-2	-1.6	2	4736991	-2.4	
27	241.779	1434	0.2	2	-1.3	-2.5	1.6	5260679	-2.7	
27	241.479	1434.2	0.9	2	-0.3	-1.9	1.1	5832173	-2.7	
27	241.179	1434.4	0.4	1.3	0.5	-2.5	0.6	6383384	-2.7	
27	240.879	1434.3	0.8	2.8	0.9	-2.2	0.1	6820033	-2.6	
27	240.579	1434.5	-0.1	1.9	1.5	-2.6	-0.2	7073480	-2	
27	240.279	1434.6	-1.1	0.6	1.5	-2.7	-0.5	7195017	-1.7	
27	239.979	1434.8	-0.4	1.2	1.8	-2.2	-0.5	7295296	-1.4	
27	239.679	1434.6	-0.3	1.8	1.5	-1.9	-0.5	7424646	-1.3	
27	239.379	1434.3	-0.2	2.5	1.2	-1.7	-0.5	7586051	-1.4	
27	239.079	1433.9	0.3	3	0.8	-1.6	-0.5	7754630	-1.3	
27	238.779	1433.8	0.1	2.1	0.5	-1.2	-0.3	7991412	-1	
27	238.479	1433.5	0.5	2.3	0.2	-1	-0.2	8275692	-1	
27	238.179	1433.3	0.7	2.3	-0.2	-0.3	0	8723959	-1.1	
27	237.879	1433.3	-0.5	-0.3	-0.6	-1.1	0.1	9264381	-1.3	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
27	237.579	1433.2	0.2	0.8	-1.1	-1.1	0.1	9783879	-1.6	
27	237.279	1433.2	0.1	0.2	-1.2	-1.9	0.2	10066106	-1.6	
27	236.979	1433.1	0.1	0.4	-1.1	-2.1	0.4	10017943	-1.9	
27	236.679	1432.9	0.2	1.6	-1.4	-2.3	0.7	9829812	-2	
27	236.379	1432.8	0.2	0.8	-1.5	-2.1	1	9648618	-2	
27	236.079	1432.7	0.2	0.3	-1.6	-2.7	1.4	9604358	-2	
27	235.779	1432.6	-0.1	-0.4	-1.7	-3.3	1.6	9604358	-1.7	
27	235.479	1433.1	-0.3	-0.8	-1.4	-3.2	1.9	9738372	-1.5	
27	235.179	1433.6	-0.1	0	-1	-3.9	2.1	10066106	-1.7	
27	234.879	1433.7	1.1	0.8	-0.7	-3.6	2.1	10737180	-1.9	
27	234.579	1433.4	0.9	0.1	-0.7	-4	1.8	11964286	-2	
27	234.279	1433.2	0.7	1.3	-0.5	-4.1	1.4	14340754	-2	
27	233.979	1432.7	0.6	0.7	-0.6	-4.2	0.7	18862613	-1.7	
27	233.679	1432.4	1.4	1.5	-0.6	-3.8	0.1		-1.5	
27	233.379	1432	2.4	3.1	-0.6	-2.9	-0.7		-1.6	
27	233.079	1431.8	3.3	3.3	-0.6	-1.9	-1.4		-1.6	
27	232.779	1431.8	4.1	4.1	-0.7	-1.1	-1.8		-1.6	
27	232.479	1431.5	5.5	5.7	-0.7	-0.5	-2.1	-1.6E+07	-1.6	
27	232.179	1431.5	5.7	4.9	-0.6	-0.5	-2.1	-1.1E+07	-1.4	
27	231.879	1431.7	5.4	5.7	-0.5	-0.4	-1.8	-8545919	-1.3	
27	231.579	1432.4	6.1	5.9	0.1	-0.2	-1.2	-7002509	-1.3	
27	231.279	1433.1	7.1	7.2	0.5	-0.1	-0.5	-5999284	-1.3	
27	230.979	1434	7.6	7.4	0.8	-0.3	0.4	-5327608	-1.3	
27	230.679	1434.6	7.5	7.1	1	-1.2	1.1	-4891940	-1.4	
27	230.379	1435	7.3	7	1.1	-2	1.5	-4611784	-1.4	
27	230.079	1435	7.7	7.4	1.1	-2.7	1.4	-4454788	-1.6	
27	229.779	1434.9	8.7	8	1.2	-1.7	1	-4371086	-1.6	
27	229.479	1434.7	8.3	7.8	0.9	-1.8	0.6	-4343880	-1.6	
27	229.179	1434.3	9.4	9.2	0.4	-1.5	0.1	-4361980	-1.8	
27	228.879	1433.8	10.5	9.6	0.2	-1.3	-0.5	-4417194	-1.8	
27	228.579	1433.6	10.9	10.5	0.1	-1.9	-1	-4483405	-2	
27	228.279	1433.2	11.4	10.6	0	-2	-1.5	-4541757	-2.2	
27	227.979	1433.1	11.7	11.8	0.1	-1.9	-1.7	-4541757	-2.3	
27	227.679	1433.5	12.1	13.2	0.5	-2	-1.4	-4464286	-2.2	
27	227.379	1434	11.9	12.3	0.8	-2.2	-0.8	-4317011	-1.5	
27	227.079	1434.6	11.7	12	1.2	-1.8	-0.1	-4105393	-1.2	
27	226.779	1435.1	12.1	12.3	1.5	-2	0.4	-3841744	-1.2	
27	226.479	1435	13	12.7	1.7	-2.2	0.5	-3554754	-0.8	
27	226.179	1434.9	14.1	14	1.5	-1.6	0.5	-3266381	-0.6	
27	225.879	1434.8	15	14.5	1.5	-1.1	0.4	-2991072	-0.8	
27	225.579	1434.3	15.4	14.7	1.2	-0.2	0.1	-2747704	-0.8	
27	225.279	1433.8	16.1	16.6	0.7	0.3	-0.3	-2534807	-0.9	
27	224.979	1433.1	16.6	16.4	0.2	0.8	-0.9	-2352529	-1	
27	224.679	1432.3	16.3	16.2	-0.3	1	-1.6	-2203948	-1	
27	224.379	1432	16.5	16.4	-0.3	1.3	-2.1	-2083334	-1.2	
27	224.079	1431.9	18.4	18.2	0.1	2.2	-2.4	-1986481	-1.5	
27	223.779	1432.2	19.4	19.2	0.7	2.2	-2.6	-1910357	-2.1	
27	223.479	1432.6	19.3	19.1	1.5	0.5	-2.7	-1849603	-2.6	
27	223.179	1432.9	18	18.1	2.2	-0.8	-2.9	-1803403	-2.7	
27	222.879	1433.3	17.6	17.9	3.2	-1.9	-3.3	-1768371	-2.8	
27	222.579	1433.5	17.7	17.8	3.9	-1.5	-3.6	-1740441	-2.1	
27	222.279	1433.7	16.9	15.8	4.4	-1.3	-3.6	-1716189	-1.6	
27	221.979	1433.7	15.9	15	4.5	-2.1	-3.7	-1692604	-1.6	
27	221.679	1433.3	16.5	15.8	4.1	-2	-3.8	-1666999	-1.2	
27	221.379	1433.2	16.2	15.6	3.9	-2.7	-3.9	-1637022	-0.9	
27	221.079	1432.8	17.4	16	3	-1.6	-3.8	-1601952	-0.5	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
27	220.779	1432.9	16.9	14.5	2.6	-1.2	-3.4	-1560172	-0.4	
27	220.479	1433.1	17.3	14	2	-0.6	-2.8	-1512826	-0.7	
27	220.179	1433.2	17.7	13.6	1.6	-0.7	-2.1	-1465187	-0.8	
27	219.879	1433.6	17	11.5	1.4	-1.3	-1.4	-1421420	-1.2	
27	219.579	1433.9	16.4	10.7	1.4	-2.3	-0.8	-1382927	-1.6	
27	219.279	1434	16.2	10.8	1.4	-3.3	-0.3	-1349937	-1.9	
27	218.979	1434.3	16.6	10.5	1.3	-3.6	0.1	-1321813	-2.6	
27	218.679	1434.6	17.8	10.7	1.5	-4.8	0.4	-1297244	-3.2	
27	218.379	1434.6	17.5	9.9	1.6	-5.1	0.4	-1276678	-3.2	
27	218.079	1434.4	16.9	9.4	1.7	-6.2	0	-1259779	-3.6	
27	217.779	1433.9	17.4	10.1	1.9	-6.7	-0.7	-1245540	-3.5	
27	217.479	1433.4	17.4	9.7	2.1	-5.9	-1.5	-1230172	-3.2	
27	217.179	1433	18.2	9.5	2.2	-4.8	-2.3	-1210961	-3	
27	216.879	1432.6	18.8	10.5	2.5	-4.2	-3.1	-1186934	-2.7	
27	216.579	1432.6	19	9.6	2.9	-3.5	-3.7	-1161260	-2.4	
27	216.279	1432.5	21.4	10.9	3	-2.5	-4.2	-1137291	-2.3	
27	215.979	1432.3	21.8	10.9	3	-1.3	-4.5	-1115478	-1.6	
27	215.679	1432.3	21.7	10.3	3.1	-1	-4.6	-1095632	-1.3	
27	215.379	1432.2	23.5	11.8	3.1	0.5	-4.5	-1077033	-1	
27	215.079	1432.1	23.1	11	3	0.8	-4.3	-1060665	-0.6	
27	214.779	1432.3	23.5	11.6	2.8	1.6	-3.9	-1046876	-0.5	
27	214.479	1432.3	24.4	12.7	2.8	1.8	-3.7	-1035999	-0.1	
27	214.179	1432.6	23.7	11.6	2.8	1.9	-3.5	-1027357	0	
27	213.879	1432.7	25.5	12.5	2.8	2.6	-3.5	-1019354	0.1	
27	213.579	1433	25.5	11.4	3.1	2.1	-3.5	-1010499	0.2	
27	213.279	1433.2	26	11	3.3	2.8	-3.6	-1000838	-0.4	
27	212.979	1433.3	26.6	11.2	3.4	2.5	-3.7	-991830	-0.8	
27	212.679	1433.4	26	9.9	3.5	1.9	-3.7	-985760	-0.9	
27	212.379	1433.8	24.7	8.1	3.8	0.8	-3.8	-982522	-1.2	
27	212.079	1433.8	26.1	9.8	3.8	1.5	-3.8	-982061	-1.6	
27	211.779	1434	24.6	8.1	3.5	0.2	-3.7	-983907	-1.8	
27	211.479	1434.4	24.7	6.3	3.6	-0.1	-3.5	-989019	-2.2	
27	211.179	1434.5	25.4	6	3.4	0	-3.3	-997500	-2.4	
27	210.879	1434.7	23.9	4.6	3.2	-1.5	-3.1	-1008552	-2.5	
27	210.579	1434.9	23.2	5.2	3.5	-2.8	-3.1	-1020845	-2.8	
27	210.279	1435.2	23.2	5.6	3.7	-2.4	-3	-1031405	-2.8	
27	209.979	1435.4	21.9	4.2	3.7	-2.9	-3	-1039083	-2.8	
27	209.679	1435.4	21.7	4.8	3.9	-3.7	-3.1	-1041668	-3	
27	209.379	1435.7	21.5	5.6	4.2	-3.4	-3.1	-1039083	-2.8	
27	209.079	1435.9	19.8	3.3	4.4	-4.8	-3.2	-1031405	-2.7	
27	208.779	1435.8	20.4	4.2	4.5	-4.6	-3.5	-1018858	-2.3	
27	208.479	1435.9	19.8	2.4	4.8	-4.5	-3.6	-1001317	-1.9	
27	208.179	1435.8	19.8	2.9	4.7	-3.9	-3.7	-981600	-1.7	
27	207.879	1435.6	19.7	2.4	4.4	-3.6	-3.6	-962203	-1.3	
27	207.579	1435.6	19.4	1.7	4.3	-3.1	-3.5	-945688	-1	
27	207.279	1435.4	18.7	1.7	4.2	-3.9	-3.5	-933461	-1.1	
27	206.979	1435.2	19.5	3.1	4	-3.3	-3.6	-925212	-1.1	
27	206.679	1435.1	19.2	3	3.6	-2.9	-3.5	-921141	-1.1	
27	206.379	1435	20	3.4	3.4	-2.5	-3.3	-920331	-1.3	
27	206.079	1434.8	20.9	3.1	3.1	-2.3	-3.1	-922765	-1.5	
27	205.779	1434.7	20.9	3.4	3	-3.1	-3	-928494	-2	
27	205.479	1434.4	20.8	3.9	3	-4.3	-3.2	-935965	-2.4	
27	205.179	1434.2	21	3.6	2.8	-5.1	-3.3	-943983	-2.6	
27	204.879	1434.1	21.3	3.9	3	-5.1	-3.5	-950842	-2.8	
27	204.579	1434	22	3.8	3.1	-5.1	-3.7	-955180	-3.1	
27	204.279	1434	22.3	3.5	3.4	-4.4	-3.8	-958240	-2.9	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
27	203.979	1434	22.1	3.1	3.5	-5.4	-4	-960437	-2.8	
27	203.679	1433.6	23.6	2.2	3.4	-4.3	-4.4	-962645	-2.5	
27	203.379	1433.6	24.1	2.3	3.7	-3.4	-4.7	-964863	-2.1	
27	203.079	1433.7	25.7	4	3.8	-1.4	-4.8	-967986	-2	
27	202.779	1433.9	27.6	4.1	3.8	0.5	-4.6	-972482	-1.8	
27	202.479	1433.7	28.5	5.4	3.1	1.8	-4.3	-978389	-1.6	
27	202.179	1433.9	28.6	5.1	2.8	1.6	-3.7	-986689	-1.5	
27	201.879	1433.8	28.4	4	2.4	1.1	-3.3	-997500	-1.5	
27	201.579	1434.1	29.4	5.7	2.3	1.9	-2.7	-1010011	-1.9	
27	201.279	1434.4	29.9	4.4	2.5	1.7	-2.1	-1022840	-2.3	
27	200.979	1434.5	30	4.5	2.2	1.3	-1.5	-1035486	-2.4	
27	200.679	1435.1	29.4	3.4	2.3	0	-0.9	-1047400	-2.7	
27	200.379	1435.3	29.6	3	2.2	-1.3	-0.7	-1057985	-2.7	
27	200.079	1435.7	28.8	2.8	2.6	-1.9	-0.6	-1066066	-2.2	
27	199.779	1435.6	29.1	4.4	2.5	-1.5	-0.9	-1069879	-2.2	
27	199.479	1435.4	29.2	3.1	2.8	-1	-1.3	-1069879	-1.9	
27	199.179	1435	29.1	4.5	2.8	-0.9	-1.8	-1065523	-1.5	
27	198.879	1434.5	28.3	3.6	2.6	-1.8	-2.4	-1057451	-1.3	
27	198.579	1433.9	28.5	3.1	2.7	-1.4	-3.2	-1047924	-0.9	
27	198.279	1433.7	27.6	3.7	2.7	-1.4	-3.8	-1037025	-0.5	
27	197.979	1433.6	28.8	5.6	2.8	0.2	-4.3	-1025847	-0.4	
27	197.679	1433.7	28.6	5.4	3	-0.1	-4.5	-1014907	-0.2	
27	197.379	1434	28.2	6.3	3.1	0.4	-4.4	-1004680	-0.3	
27	197.079	1434	28.3	6.6	3.1	-0.6	-4.3	-995603	-0.3	
27	196.779	1434	27.6	6.1	3.2	-1.5	-4.1	-988552	-0.1	
27	196.479	1434.1	27.7	7.9	3.3	-1.4	-3.9	-982522	-0.4	
27	196.179	1434.3	28.1	7.7	3.5	-0.8	-3.6	-977020	-0.5	
27	195.879	1434.5	27.6	7.8	3.3	-0.9	-3.1	-971579	-0.4	
27	195.579	1434.8	26.8	7	3.2	-2.2	-2.8	-966199	-0.5	
27	195.279	1434.8	28.1	8.4	2.8	-1.2	-2.6	-962203	-0.2	
27	194.979	1435	25.9	6.5	2.8	-3.1	-2.7	-959557	-0.3	
27	194.679	1435.1	28	9.3	2.9	-1.8	-2.9	-959557	-0.9	
27	194.379	1434.9	28.9	9.4	2.7	-1.1	-3	-962203	-1.2	
27	194.079	1434.9	29.1	9.9	2.7	-1	-3	-967092	-1.5	
27	193.779	1434.9	28.3	8.3	2.8	-2.2	-3	-975200	-1.7	
27	193.479	1435	28.6	7.7	2.9	-1.2	-3	-986689	-1.7	
27	193.179	1435.3	28.3	7.4	3.1	-1.5	-2.9	-1000838	-1.9	
27	192.879	1435.6	29.7	8.9	3.4	-0.9	-2.7	-1016879	-2.1	
27	192.579	1435.9	29.2	8.2	3.4	-0.3	-2.4	-1032423	-2.1	
27	192.279	1436.2	29.5	8.2	3.4	-1.6	-2	-1046353	-2.3	
27	191.979	1436.3	29.9	7.9	3.2	-1.8	-1.5	-1056384	-2.2	
27	191.679	1436.2	29.6	7.3	2.8	-1.9	-1.1	-1062819	-2	
27	191.379	1435.8	29.6	7.5	2.2	-1.3	-0.9	-1065523	-1.8	
27	191.079	1435.6	28.6	5	1.8	-1.7	-0.8	-1064440	-1.3	
27	190.779	1435.4	28.9	4.8	1.5	-0.9	-0.8	-1059592	-1.1	
27	190.479	1435	28.9	3.2	1.2	-1.8	-1.1	-1052137	-1	
27	190.179	1434.8	28.9	1.3	0.9	-1.3	-1.5	-1044266	-1.3	
27	189.879	1434.5	29.5	1	0.9	-1	-2.3	-1035486	-1.9	
27	189.579	1434.3	30	1.4	1.1	-0.7	-3.1	-1027861	-2.1	
27	189.279	1434.1	29.9	1.5	1.5	-1.2	-3.9	-1020845	-2.4	
27	188.979	1434.1	30	0.6	2.3	-0.8	-4.7	-1014907	-2.9	
27	188.679	1434.1	29.5	-0.4	3.1	-1.2	-5.3	-1010011	-3.2	
27	188.379	1434.1	29.1	-0.9	3.7	-1.7	-5.7	-1006612	-4	
27	188.079	1434.2	29.7	0.3	4.6	-2.3	-5.9	-1004198	-4.9	
27	187.779	1434.8	28.5	-1.1	5.3	-3.9	-5.8	-1002755	-5.5	
27	187.479	1435.6	27.7	-1.1	6.2	-5.9	-5.6	-1000360	-6.2	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
27	187.179	1436.3	27.3	-1.8	6.9	-6.8	-5.4	-996551	-6.6	
27	186.879	1436.8	27.8	-1.4	7.2	-6.1	-5.1	-992771	-6.6	
27	186.579	1437.1	26.1	-3	7.1	-8.1	-4.8	-989019	-6.4	
27	186.279	1437	26.5	-1.8	6.7	-7.2	-4.5	-986224	-5.6	
27	185.979	1436.7	24.7	-3.8	6.2	-8.4	-4.3	-982983	-5	
27	185.679	1436.1	25.3	-2.3	5.7	-7.5	-4.2	-977932	-4.3	
27	185.379	1435.7	25	-3.8	5.1	-6	-4.1	-971129	-3.5	
27	185.079	1435.4	25.2	-3.4	4.3	-5.2	-3.9	-963088	-3	
27	184.779	1435.3	25	-3.2	3.6	-3.9	-3.5	-954744	-1.5	
27	184.479	1435.3	24.7	-3.6	2.9	-3.3	-3.1	-946971	-0.8	
27	184.179	1435.5	25.7	-1.9	2.7	-2.6	-2.7	-938903	-0.7	
27	183.879	1435.6	26.8	-0.9	2.5	-1.3	-2.2	-930144	-1	
27	183.579	1435.5	27.2	-0.9	2.4	-0.6	-1.9	-921141	-1.4	
27	183.279	1435	27.2	-0.4	2.1	-0.8	-1.7	-912709	-1.6	
27	182.979	1434.7	26.5	-0.3	1.7	-1.4	-1.5	-905995	-1.4	
27	182.679	1434.4	27.2	-0.9	1.5	-1	-1.5	-900927	-1.9	
27	182.379	1434.1	27.6	1.7	1.3	-0.6	-1.6	-897067	-2	
27	182.079	1434.1	26.7	-1.3	1.4	-1.1	-1.8	-893240	-2.2	
27	181.779	1433.8	29	0.1	1	0.7	-2.1	-888690	-2.2	
27	181.479	1433.6	27.7	-1.4	1	-0.6	-2.2	-883814	-1.4	
27	181.179	1433.3	28	-0.3	0.8	0.2	-2.3	-878990	-0.9	
27	180.879	1433.2	27.6	-1	1.2	0	-2.4	-874219	-0.7	
27	180.579	1433.3	28	-0.3	1.6	1.7	-2.3	-868778	-0.1	
27	180.279	1433.4	27.4	-2.3	1.9	1.3	-2.2	-863760	0.2	
27	179.979	1433.4	27.5	-1.7	2.4	1.6	-2.3	-859858	0.5	
27	179.679	1433.6	26.5	-3	2.7	2	-2.4	-859152	1.1	
27	179.379	1434.2	26.6	-3.3	3.8	1	-2.7	-861982	1.2	
27	179.079	1434.1	27	-2.6	4.1	2.2	-3	-868057	1.4	
27	178.779	1434	26.5	-3.1	4.6	1.9	-3.4	-877516	1.3	
27	178.479	1433.7	26.6	-2	4.9	2.2	-3.9	-889823	1	
27	178.179	1433.3	26	-2.9	5	1.8	-4.3	-904820	1.1	
27	177.879	1433.1	25.3	-3.6	5.1	1.6	-4.6	-921952	1	
27	177.579	1432.6	25.1	-3.8	5.3	0.9	-5	-939324	0.7	
27	177.279	1432.4	24.5	-5	5.5	1.4	-5.2	-955616	0.5	
27	176.979	1432.5	24.6	-5.4	5.1	1.3	-5.1	-969330	-0.1	
27	176.679	1432.3	24.8	-5.1	4.9	0.4	-4.9	-979763	-0.3	
27	176.379	1432.3	23.7	-6.3	4.5	-0.6	-4.5	-986689	-0.5	
27	176.079	1432.2	23.1	-6.4	4.4	-2.2	-4.3	-990891	-1.1	
27	175.779	1431.9	22.7	-6.4	4.2	-2.8	-4.2	-992771	-1.1	
27	175.479	1431.7	22	-7.7	4.1	-3.4	-4.3	-992771	-1.3	
27	175.179	1431.2	22.3	-6.2	3.8	-3.6	-4.4	-990423	-1.4	
27	174.879	1430.7	20.8	-6.9	3.4	-3.9	-4.6	-985760	-0.9	
27	174.579	1430.7	19.9	-7.4	3.2	-4.9	-4.7	-979305	-0.8	
27	174.279	1430.5	21.2	-6.6	2.9	-4.2	-4.9	-972030	-0.8	
27	173.979	1430.5	21.1	-5	3	-4.3	-5.1	-964419	-0.7	
27	173.679	1430.5	21.7	-4.8	2.7	-3.8	-5.2	-955180	-1	
27	173.379	1430.4	22.7	-2	2.2	-3	-5.1	-945261	-1.1	
27	173.079	1430.7	22.9	-2.4	1.8	-2.9	-4.6	-935129	-1.4	
27	172.779	1431	23.9	-1.1	1.6	-3.1	-4	-926030	-1.9	
27	172.479	1431.3	23	-2.2	1.4	-3.3	-3.4	-919119	-2.1	
27	172.179	1432	23.4	-1.6	1.6	-3.1	-3	-914702	-2.6	
27	171.879	1432.6	24.4	-0.3	1.9	-3.3	-2.7	-912311	-3.2	
27	171.579	1433	25.7	0	2.3	-2.4	-2.4	-912311	-3.5	
27	171.279	1433.9	26	-0.8	3.1	-2.7	-2.2	-913904	-4.3	
27	170.979	1434.7	26.6	-0.6	3.9	-2.8	-2.1	-918313	-4.9	
27	170.679	1435.3	26.7	-0.5	4.7	-3.1	-2.3	-925212	-5.1	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
27	170.379	1435.5	27.9	1.4	5	-2.5	-2.5	-933461	-5.4	
27	170.079	1435.8	27.6	0.4	5.3	-2	-2.6	-941860	-5.3	
27	169.779	1436	27.9	0.3	5.1	-0.9	-2.5	-951274	-5.1	
27	169.479	1436.2	27.9	1.2	4.8	-1.4	-2.3	-961761	-4.9	
27	169.179	1435.8	28.1	-0.9	4.2	-1.6	-2.2	-973386	-4.2	
27	168.879	1435.6	27	-0.7	3.6	-2.4	-2.1	-986224	-3.5	
27	168.579	1435.3	26.3	-1.7	2.8	-2	-2	-999405	-2.3	
27	168.279	1435	26.5	-1.1	1.9	-1	-1.8	-1013433	-0.7	
27	167.979	1434.9	26.2	-1.8	1.6	-0.5	-1.6	-1030390	0.3	
27	167.679	1434.9	25.6	-1.8	1.5	-0.1	-1.6	-1050027	1.3	
27	167.379	1434.8	24.1	-3.4	1.3	-0.5	-1.8	-1072070	2.4	
27	167.079	1434.8	24.5	-2	1.7	-0.1	-2.3	-1096780	2.8	
27	166.779	1434.5	25.3	-1.3	1.9	0.5	-2.8	-1122054	3.1	
27	166.479	1434.3	25.7	-1.3	2.3	1.7	-3.3	-1148520	3.2	
27	166.179	1434.4	25.3	-1.2	2.9	1	-3.6	-1174945	2.3	
27	165.879	1434.4	26.9	0.3	3.4	1.3	-3.9	-1202615	1.5	
27	165.579	1434.3	26.2	0.2	3.8	-0.7	-4.2	-1229449	0.7	
27	165.279	1434.3	26.3	1	4.3	-2	-4.6	-1256754	-0.7	
27	164.979	1434.5	26.1	1	4.8	-2.3	-4.9	-1284510	-1.8	
27	164.679	1434.6	26.9	2.4	4.9	-2.6	-4.9	-1315171	-2.7	
27	164.379	1434.9	27.7	3.1	5.1	-3.6	-4.7	-1348198	-3.9	
27	164.079	1435.1	27.5	2.7	5.1	-4.7	-4.4	-1386591	-4.9	
27	163.779	1435	26.9	3.2	4.8	-5.4	-4.3	-1433095	-5.7	
27	163.479	1434.9	27.7	4.6	4.4	-6.3	-4.2	-1487039	-6.3	
27	163.179	1434.5	29.1	6.4	3.8	-3.8	-4.1	-1547488	-6.4	
27	162.879	1434.3	29.6	7.6	3.2	-3.1	-3.7	-1614303	-6.7	
27	162.579	1434.4	29.1	6.8	2.7	-2.9	-3.2	-1685790	-6.6	
27	162.279	1434.5	29	8.2	2.4	-2.5	-2.7	-1760934	-6.2	
27	161.979	1434.5	29.5	9.6	2	-1.8	-2.4	-1841470	-6	
27	161.679	1434.4	28.9	7.7	1.7	-1.1	-2.1	-1924403	-5.2	
27	161.379	1434.7	28	6.9	1.7	0.1	-1.8	-2009358	-4.5	
27	161.079	1435.1	28.5	6.8	1.5	0.6	-1.2	-2093751	-4	
27	160.779	1435.3	26.9	4.2	1.5	-0.2	-0.7	-2180990	-3.1	
27	160.479	1435.3	25.8	2.9	1.2	-0.4	-0.3	-2275816	-2.3	
27	160.179	1435.2	24.6	0.7	0.8	0.2	-0.2	-2376561	-1.6	
27	159.879	1435.1	23.7	0.7	0.6	0.7	-0.1	-2480747	-0.7	
27	159.579	1434.9	22.9	-0.5	0.3	0.9	0	-2584877	0.1	
27	159.279	1434.6	22.1	-2.3	0.2	1.3	-0.1	-2680858	0.9	
27	158.979	1434.6	20	-5.7	0.1	0.6	-0.2	-2762204	1.5	
27	158.679	1434.6	20	-6	0.3	0.7	-0.6	-2829392	1.5	
27	158.379	1434.4	18.8	-7.8	0.5	0.5	-1	-2879987	1.9	
27	158.079	1434.5	18.3	-8.4	0.9	1.3	-0.9	-2907987	2.1	
27	157.779	1434.8	16.6	-11.3	1.3	0.5	-0.8	-2916087	2	
27	157.479	1434.7	15.6	-12	1.6	0.2	-0.9	-2916087	2	
27	157.179	1434.8	14.8	-13.1	1.6	-0.3	-0.8	-2916087	1.8	
27	156.879	1434.6	14.6	-13.3	1.6	-0.2	-0.8	-2932424	1.4	
27	156.579	1434.7	13.9	-14.2	1.5	-0.1	-0.6	-2974077	1.1	
27	156.279	1434.7	13.1	-13.9	1.1	-0.3	-0.4	-3056570	0.8	
27	155.979	1434.5	13.6	-12.7	0.7	0.2	-0.2	-3191693	0.4	
27	155.679	1433.8	12.4	-14.1	0.3	-0.5	-0.4	-3393436	0.2	
27	155.379	1433.4	11.7	-14.5	-0.1	0.2	-0.6	-3673246	-0.1	
27	155.079	1433	11.2	-14.4	-0.2	0.5	-0.8	-4065534	-0.3	
27	154.779	1433	11	-13.1	-0.2	1.1	-0.8	-4601649	-0.5	
27	154.479	1433	10.4	-14.1	-0.1	0	-0.8	-5300633	-1.3	
27	154.179	1433	10.2	-15.1	-0.1	-0.4	-0.6	-6176254	-1.5	
27	153.879	1433.4	8.4	-17.3	0	-1.3	-0.2	-7269965	-1.6	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
27	153.579	1433.6	8.7	-16.6	0	-1.6	0.1	-8687760	-2.1	
27	153.279	1433.3	8	-18.9	-0.1	-1.9	0.4	-1.1E+07	-1.9	
27	152.979	1433.4	6.1	-20.1	-0.5	-1.9	1	-1.3E+07	-2.1	
27	152.679	1433.3	5.2	-21.1	-1.1	-2.6	1.5	-1.6E+07	-2.2	
27	152.379	1433.1	4	-22.1	-1.8	-3.8	1.9		-1.9	
27	152.079	1433.2	3.6	-23.3	-2.1	-3.9	2.2		-2.2	
27	151.779	1432.8	4.4	-23.3	-2.7	-3.3	2.2		-2.4	
27	151.479	1432.6	3.2	-24.3	-2.9	-2.9	2.2		-2.5	
27	151.179	1432.5	2.7	-24.2	-2.8	-3.9	2		-2.8	
27	150.879	1432.2	3.6	-24.1	-2.6	-2.1	1.9		-2.4	
27	150.579	1432.3	0.1	-29	-2.2	-4.4	1.7		-1.9	
27	150.279	1432.7	-0.1	-29.7	-1.4	-3.9	1.4		-1.7	
27	149.979	1432.9	0.8	-28.3	-0.7	-2.6	1.1		-1.4	
27	149.679	1433.3	0.3	-28.7	-0.1	-2.2	0.9		-1.4	
27	149.379	1433.6	0.4	-29.1	0.7	-2.1	0.6		-1.2	
27	149.079	1433.2	-1.2	-30.1	1	-2.2	0.1		-0.4	
27	148.779	1433.1	-1	-29	1.1	-1.2	-0.3		-0.1	
27	148.479	1432.6	-1.4	-29.9	0.9	-2	-0.7		-0.1	
27	148.179	1432.2	-0.8	-27.7	0.8	0.4	-1.1		-0.4	
27	147.879	1432.1	-0.9	-26.7	0.5	0.5	-1.4		-1.5	
27	147.579	1431.9	-0.1	-24.7	0.4	-0.9	-1.6		-2.5	
27	147.279	1431.7	-1.3	-25	0.2	-2.4	-1.8	16486221	-2.9	
27	146.979	1431.7	-1.7	-24.6	0.1	-3	-1.9	13508065	-3.4	
27	146.679	1431.7	-2	-24.1	0.3	-2.3	-1.8	11631945	-3.3	
27	146.379	1432.1	-2.5	-22.5	0.4	-3.4	-1.4	10468750	-3.6	
27	146.079	1432.5	-2.7	-22.7	0.4	-3.9	-0.7	9693287	-3.8	
27	145.779	1432.8	-3.3	-22.1	0.4	-4.2	0	9183114	-3.3	
27	145.479	1433.2	-5.7	-24	0.4	-5.8	0.5	8760460	-2.9	
27	145.179	1433.3	-4.2	-20.8	0.3	-4.7	0.9	8408635	-2.6	
27	144.879	1433.3	-3.9	-19.5	0.2	-3.6	1.1	8022031	-2.2	
27	144.579	1433.3	-4.6	-19.4	0.1	-3.9	1.1	7641424	-2.1	
27	144.279	1433.2	-4.8	-19.4	0.2	-3.6	0.9	7244810	-1.7	
27	143.979	1433.1	-4.4	-18.3	0	-2.7	0.7	6932947	-1.4	
27	143.679	1433	-3.8	-16.9	-0.1	-1.8	0.4	6732315	-1.3	
27	143.379	1432.6	-4	-17.6	-0.4	-2.1	0.1	6604890	-1	
27	143.079	1432.5	-4.7	-17.1	-0.3	-0.9	-0.2	6604890	-0.9	
27	142.779	1432.3	-4.2	-15.9	-0.4	-1.3	-0.6	6775890	-1	
27	142.479	1432.2	-3.7	-14.9	-0.3	-1	-0.8	7121599	-0.9	
27	142.179	1432.4	-3.9	-14.9	-0.1	-1.1	-0.8	7669414	-1.4	
27	141.879	1432.6	-3.9	-14.3	0.2	-0.4	-0.8	8408635	-1.6	
27	141.579	1432.7	-3.8	-14	0.3	-1.4	-0.9	9223568	-1.8	
27	141.279	1432.9	-3.9	-12.3	0.6	-2.6	-1	10163835	-2.2	
27	140.979	1432.9	-2.6	-11.3	0.5	-0.6	-0.8	11019737	-2.4	
27	140.679	1432.9	-3.7	-11.7	0.4	-2.4	-0.7	11631945	-2.9	
27	140.379	1433.2	-3.6	-9.7	0.6	-2.6	-0.5	11896307	-3.3	
27	140.079	1433.3	-3.2	-8.4	0.5	-2.4	-0.2	11696928	-3.2	
27	139.779	1433.3	-3.9	-7.9	0.5	-2.8	0	11256721	-3.2	
27	139.479	1433.2	-5.3	-8.9	0.6	-3.8	0.1	10792526	-2.7	
27	139.179	1433.5	-4	-8.4	0.6	-2.1	0.5	10314040	-2.6	
27	138.879	1433.6	-3.1	-6.3	0.3	-1.3	1.1	9738372	-2.5	
27	138.579	1433.9	-4.8	-7.5	0.2	-3.3	1.7	9183114	-2.2	
27	138.279	1434	-3.7	-7.3	-0.3	-1.7	2.2	8651860	-2.4	
27	137.979	1433.9	-4.4	-4.5	-0.6	-3.1	2.4	8146887	-2.6	
27	137.679	1433.7	-4.3	-4.2	-1	-3.2	2.5	7754630	-2.5	
27	137.379	1433.2	-4.6	-5.4	-1.4	-3.3	2.3	7477679	-2.7	
27	137.079	1432.5	-4.5	-4.8	-2	-2.1	2	7295296	-2.8	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
27	136.779	1432	-5.2	-5.6	-2.5	-3	1.7	7170377	-2.7	
27	136.479	1431.5	-4.6	-3.4	-2.9	-3.3	1.4	7195017	-2.8	
27	136.179	1431.2	-4.8	-3.8	-3.2	-3.4	1.2	7451068	-2.6	
27	135.879	1431.3	-5	-3.6	-3	-3.5	1	8022031	-2.6	
27	135.579	1431.1	-4.2	-3.4	-2.6	-3	0.7	8947650	-3	
27	135.279	1431.1	-4.1	-3.2	-2	-2.6	0.4	10263481	-3.1	
27	134.979	1431.3	-4.1	-4	-1.4	-3	0.4	12033046	-3.2	
27	134.679	1431.7	-5.1	-3.8	-0.5	-3.9	0.5	14146960	-3	
27	134.379	1432	-5.7	-4	-0.2	-3.8	0.7	16230620	-2.4	
27	134.079	1432.4	-5	-3	0.3	-3.3	0.7	17594538	-2.4	
27	133.779	1432.5	-3.2	-0.7	0.5	-2.1	0.7	17594538	-2.4	
27	133.479	1432.5	-4.4	-1.7	0.5	-2.7	0.7	15982825	-2.2	
27	133.179	1432	-4	-0.7	0.3	-2.6	0.4	13774671	-2.2	
27	132.879	1431.7	-4.8	0.9	0.1	-2.6	0.2	11829096	-1.6	
27	132.579	1431.4	-3.9	0.3	-0.2	-1.5	0	10365099	-1.4	
27	132.279	1431	-3.9	0	-0.5	-0.8	-0.2	9473982	-0.9	
27	131.979	1431	-3.4	1.2	-0.5	1.2	-0.2	9024785	-0.1	
27	131.679	1431.3	-3.5	1.3	-0.6	0.8	0	8834388	0	
27	131.379	1431.3	-2.2	2.2	-0.4	1.5	0.1	8797269	0.4	
27	131.079	1431.3	-2.8	1	-0.5	2.7	0.4	8871822	1	
27	130.779	1431.6	-2.9	1.1	-0.2	2.6	0.9	9103261	1.3	
27	130.479	1431.7	-3.5	1.2	-0.2	3.6	1.3	9389014	1.9	
27	130.179	1432	-3.6	0.6	-0.2	3.1	1.7	9648618	1.8	
27	129.879	1431.8	-3	0.7	-0.4	3	1.8	9783879	1.1	
27	129.579	1431.5	-3.6	0.3	-0.7	2	1.7	9829812	0.6	
27	129.279	1431.3	-3.6	0.3	-1.2	0.9	1.5	9648618	-0.2	
27	128.979	1430.8	-3.3	0.5	-1.6	0.1	1.3	9473982	-0.7	
27	128.679	1430.2	-4.5	-0.6	-2	-1.1	1	9517046	-0.8	
27	128.379	1429.8	-4.4	-1.8	-2.3	-1.6	0.7	9738372	-1.2	
27	128.079	1429.6	-5.7	-2	-2.2	-2.9	0.4	10314040	-1.4	
27	127.779	1429.5	-5.8	-2.2	-1.9	-3.4	-0.1	11136968	-1.9	
27	127.479	1429.8	-5.8	-2.6	-1	-3.7	-0.6	12316177	-2.3	
27	127.179	1430.1	-6.7	-2.8	0.1	-4.2	-1.1	13865894	-2.2	
27	126.879	1430.6	-5.9	-0.6	0.9	-3.2	-1.4	15742481	-2	
27	126.579	1431	-6.1	-2.1	2.2	-3.7	-1.9	17895299	-2.3	
27	126.279	1431.2	-5.7	-2.6	3	-2.7	-2.4		-2.4	
27	125.979	1431.2	-5.1	-0.3	3.3	-2.7	-2.7		-2.4	
27	125.679	1431.1	-4.8	-1.1	3	-1.3	-2.7		-2.4	
27	125.379	1431	-5.1	-0.7	2.8	-2.2	-2.5		-2.5	
27	125.079	1430.9	-5.7	-1.4	2.2	-2.3	-2.1		-2.4	
27	124.779	1430.8	-5.8	-1.2	1.5	-1.8	-1.5	17022358	-2.4	
27	124.479	1430.8	-5.8	-1.3	0.8	-2.4	-0.8	14243197	-2.5	
27	124.179	1430.6	-6	-0.8	-0.2	-2.5	-0.1	12172965	-2.5	
27	123.879	1431	-6.2	-1.6	-0.7	-2.4	0.7	10574495	-2.4	
27	123.579	1431.4	-5.3	-0.5	-1.1	-1.9	1.6	9389014	-2.3	
27	123.279	1431.9	-6	-1	-1.2	-2.5	2.2	8580943	-1.9	
27	122.979	1432	-4.9	-0.7	-1.2	-1.5	2.3	7991412	-1.9	
27	122.679	1431.8	-5.8	-1.7	-1	-1.8	1.9	7586051	-1.8	
27	122.379	1431.4	-6.1	-2	-0.8	-1.8	1.1	7320804	-1.5	
27	122.079	1430.9	-6	-0.9	-0.5	-1.3	0.3	7121599	-1.3	
27	121.779	1430.8	-5.9	-0.2	-0.2	-0.7	-0.3	7049664	-1.1	
27	121.479	1430.8	-6.6	-1.6	-0.1	-1.6	-0.8	7049664	-1.2	
27	121.179	1430.7	-6.3	-3.1	0	-1.2	-1.2	7049664	-1.3	
27	120.879	1430.8	-6	-1.6	-0.1	-1	-1.4	7049664	-1.5	
27	120.579	1430.8	-5.5	-1.5	-0.1	-1.5	-1.4	7049664	-1.8	
27	120.279	1430.9	-5.9	-1.1	-0.1	-0.8	-1.1	7026007	-1.7	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
27	119.979	1431.4	-5.7	-1.8	0	-0.5	-0.5	7049664	-1.9	
27	119.679	1431.5	-6.2	-2.3	-0.1	-1.5	-0.1	7026007	-1.8	
27	119.379	1432	-6.6	-3.2	-0.1	-1.8	0.5	7026007	-1.6	
27	119.079	1432.4	-6.3	-2.8	-0.2	-1.7	0.9	7026007	-2	
27	118.779	1432.4	-7.4	-5.2	-0.1	-2.6	1	7049664	-1.6	
27	118.479	1432.7	-7	-4.2	0	-2.1	1.2	7097458	-1.4	
27	118.179	1432.5	-6.7	-3.8	0	-1.8	1	7170377	-1.4	
27	117.879	1432.5	-7.7	-4.2	0.1	-2.3	0.9	7295296	-0.9	
27	117.579	1432.5	-8	-4.4	-0.2	-1.8	0.7	7424646	-0.8	
27	117.279	1432.5	-7	-4	-0.1	-0.9	0.4	7558664	-0.8	
27	116.979	1432.5	-7	-3.4	-0.5	-0.2	0.2	7697610	-0.6	
27	116.679	1432.6	-6.5	-2.9	-0.6	-0.1	0.1	7841760	-0.8	
27	116.379	1432.4	-6.5	-3.2	-0.6	0.3	0	7871241	-0.8	
27	116.079	1432.2	-6.6	-2.1	-1.1	0.4	0.2	7754630	-0.8	
27	115.779	1432.3	-7.1	-2.7	-1.1	-1	0.5	7504480	-1.2	
27	115.479	1432.2	-6.7	-1	-1.3	0.5	1	7219828	-1.1	
27	115.179	1432.7	-8.3	-2.5	-1.2	-1	1.7	6932947	-1.3	
27	114.879	1433	-7.6	-1.8	-1.3	-0.9	2.3	6667994	-1.3	
27	114.579	1433.5	-8.2	-1.5	-1.1	-2.2	2.9	6442308	-1.2	
27	114.279	1433.7	-8.1	-2.2	-1	-2.8	3.2	6231399	-1.3	
27	113.979	1433.7	-7.9	-1.8	-0.7	-2.4	3.3	6033862	-1	
27	113.679	1433.6	-8.5	-2.8	-0.5	-2.9	3.2	5881320	-0.9	
27	113.379	1433.2	-8	-2.9	-0.6	-2.3	2.8	5815972	-1	
27	113.079	1432.6	-9	-4.2	-0.7	-3.1	2.2	5799862	-0.6	
27	112.779	1432	-9.1	-4	-1.2	-2.7	1.6	5752061	-0.4	
27	112.479	1431.5	-9	-3.3	-1.5	-2.7	1	5643531	-0.2	
27	112.179	1431	-7.4	-1.6	-2.1	-1.5	0.6	5424223	-0.6	
27	111.879	1430.5	-6.6	-0.8	-2.3	-1.7	0.1	5131741	-1.5	
27	111.579	1429.8	-6.5	-0.5	-3.1	-2	0	4824309	-1.7	
27	111.279	1429.6	-6.4	-0.2	-3.5	-2.3	0.1	4531927	-1.9	
27	110.979	1429.7	-6.2	-0.9	-3.6	-3.1	0.4	4272960	-2.4	
27	110.679	1430.1	-6.2	-0.2	-3.4	-2.4	0.9	4065534	-2.3	
27	110.379	1430.6	-5.3	-0.4	-3.1	-1.8	1.4	3906250	-2.6	
27	110.079	1430.9	-5.3	0.5	-2.6	-2.4	1.6	3820712	-2.6	
27	109.779	1431.6	-4.8	1.3	-1.8	-2.2	1.9	3793026	-2.6	
27	109.479	1431.7	-4.6	1.4	-1	-2.8	1.7	3806819	-2.6	
27	109.179	1432.1	-4.4	1.5	0.1	-2.3	1.5	3870148	-2.4	
27	108.879	1432.4	-3.5	3.1	1.1	-1.1	1.2	3957940	-2.3	
27	108.579	1432.6	-3	3.3	1.8	-1	0.8	4041989	-2	
27	108.279	1432.6	-3.3	2.7	2.1	-0.4	0.4	4113458	-1.7	
27	107.979	1432.6	-3.1	2.4	2.4	-1.2	-0.1	4146040	-1.7	
27	107.679	1432.3	-1.9	4	2.4	0.3	-0.6	4146040	-1.6	
27	107.379	1432	-3	2.7	2.1	-0.5	-1.1	4097359	-1.5	
27	107.079	1431.6	-2.2	4	2.1	0.3	-1.6	4003346	-1.6	
27	106.779	1431.1	-2.4	4.2	1.4	0.6	-1.9	3884509	-1.4	
27	106.479	1430.7	-3	3.3	0.7	-0.4	-2	3758977	-1.6	
27	106.179	1430.2	-1.8	5.6	-0.1	0.4	-2	3647649	-1.6	
27	105.879	1430.1	-2.9	4.1	-0.7	-0.4	-1.8	3572953	-1.9	
27	105.579	1430	-1.8	4.9	-1	0.1	-1.6	3548729	-2.2	
27	105.279	1430	-2.4	5.3	-1.3	-0.6	-1.3	3603701	-2.2	
27	104.979	1430.3	-3.1	4.9	-1.4	-1.5	-0.9	3758977	-2.7	
27	104.679	1430.5	-3.7	3.3	-1.7	-1.8	-0.4	4026443	-2.3	
27	104.379	1431	-4.5	2.5	-1.8	-2	0.3	4445329	-2.1	
27	104.079	1431.6	-4.8	1.7	-1.7	-2.5	1	5045181	-2.3	
27	103.779	1432	-4.5	2	-1.6	-2	1.6	5897888	-2.1	
27	103.479	1432.5	-5.5	1.1	-1.5	-3.2	2	7002509	-2.4	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
27	103.179	1432.7	-5.1	2	-1.4	-2.8	2.3	8308532	-2	
27	102.879	1433	-6	0.7	-1.5	-3	2.6	9560502	-1.8	
27	102.579	1433.3	-5.6	2.7	-1.1	-2.5	2.6	10314040	-1.8	
27	102.279	1433.6	-6.2	1.4	-1	-2.1	2.6	10314040	-1.4	
27	101.979	1434	-6.8	1.4	-0.7	-2.2	2.5	9693287	-1.5	
27	101.679	1433.9	-6.2	1.9	-0.8	-1.3	2.3	8723959	-1	
27	101.379	1433.9	-7.3	0.6	-0.7	-2.1	2	7871241	-0.8	
27	101.079	1433.9	-6.4	2.1	-0.6	-1.2	1.6	7170377	-0.9	
27	100.779	1433.6	-6.8	1.2	-0.4	-1.1	1.1	6689297	-0.8	
27	100.479	1433.7	-7.2	1.8	0	-0.9	0.7	6422546	-0.9	
27	100.179	1433.3	-6.7	2.4	0.1	-1	0.1	6344697	-0.8	
27	99.879	1433.4	-7.2	1.8	0.2	-0.5	-0.1	6462192	-0.6	
27	99.579	1433.4	-7.8	-0.4	0.1	-0.6	-0.3	6775890	-0.6	
27	99.279	1433.2	-7.1	-0.5	0	-0.3	-0.4	7121599	-0.3	
27	98.979	1433.3	-7.4	-0.9	0	0.2	-0.3	7424646	-0.3	
27	98.679	1433.3	-6.6	-0.2	-0.1	0.4	-0.1	7641424	-0.4	
27	98.379	1433.1	-7.8	-1.6	-0.3	-0.5	0.3	7697610	-0.3	
27	98.079	1433.1	-8.3	-2.1	-0.4	-0.6	0.6	7558664	-0.8	
27	97.779	1432.8	-7.4	-2.1	-0.5	-0.6	0.9	7269965	-1.1	
27	97.479	1433	-8.4	-3.1	-0.5	-0.6	1.3	6820033	-1	
27	97.179	1433.2	-8.7	-3.9	-0.6	-1.9	1.6	6287538	-1.4	
27	96.879	1433.3	-8	-3.4	-0.4	-2	1.8	5736302	-1.6	
27	96.579	1433.2	-8.5	-4.1	-0.5	-2.6	1.9	5234375	-1.9	
27	96.279	1433	-8.3	-4.8	-0.3	-3.6	1.7	4802179	-2.4	
27	95.979	1432.5	-8.4	-5.4	-0.2	-3.1	1.4	4454788	-2.2	
27	95.679	1432.1	-9.8	-6.5	-0.2	-3.5	0.9	4187500	-2.5	
27	95.379	1431.5	-9	-5.9	0	-3.4	0.1	3980514	-2.5	
27	95.079	1431.1	-10.3	-8.4	0.1	-3.9	-0.7	3820712	-2.3	
27	94.779	1430.9	-8.5	-5.5	0.2	-1.9	-1.4	3705753	-2.5	
27	94.479	1430.5	-8	-5.8	0	-1.2	-2	3634983	-2	
27	94.179	1430.3	-8.1	-5.7	-0.1	-0.6	-2.4	3616149	-1.8	
27	93.879	1430	-7.5	-4.5	-0.3	0.1	-2.7	3647649	-2.2	
27	93.579	1429.6	-7.1	-5.3	-0.8	0.4	-2.4	3725534	-1.9	
27	93.279	1429.7	-9.3	-6.4	-1	-1.6	-1.9	3834707	-2.3	
27	92.979	1429.9	-8.9	-7.1	-1	-1.8	-1.1	3972961	-2.8	
27	92.679	1430.4	-9	-6.6	-1.2	-1	0	4146040	-2.7	
27	92.379	1431.1	-9.5	-6.4	-1.2	-2.8	1	4343880	-2.7	
27	92.079	1431.8	-9.7	-6	-0.9	-4.4	1.9	4561547	-2.5	
27	91.779	1432.4	-10	-5.5	-0.5	-4.2	2.5	4813219	-2	
27	91.479	1432.9	-11.3	-6.5	-0.1	-5.6	2.6	5069613	-1.7	
27	91.179	1433.1	-10.5	-6	0.3	-4	2.7	5287248	-0.8	
27	90.879	1433.1	-10.1	-4.6	0.2	-2.7	2.5	5452474	-0.8	
27	90.579	1432.6	-10.8	-5.7	-0.4	-2.9	2.2	5553714	0.2	
27	90.279	1432.2	-11.2	-5.2	-0.8	-3.3	1.8	5598262	0.3	
27	89.979	1431.6	-10.4	-4.8	-1.2	-2.5	1	5568484	-0.2	
27	89.679	1431	-7.6	-1.4	-1.5	0	0.4	5539021	-0.5	
27	89.379	1430.6	-7.4	-0.6	-2.2	0.4	0.2	5495407	-0.9	
27	89.079	1430.7	-7.3	-1.1	-2.5	0.3	0.3	5452474	-1.2	
27	88.779	1430.7	-7.5	-0.2	-2.6	-0.4	0.4	5452474	-1.3	
27	88.479	1431	-7.1	-0.7	-2.6	-0.5	0.6	5495407	-1.8	
27	88.179	1431.6	-6.4	0.4	-1.9	-0.6	0.9	5613271	-2.5	
27	87.879	1431.9	-6.2	1	-1.3	-0.2	1	5752061	-2.7	
27	87.579	1432.5	-6.7	0	-0.5	-1.4	1.3	5881320	-2.7	
27	87.279	1432.5	-6.5	0.7	-0.2	-2	1.5	5982143	-2.1	
27	86.979	1432.8	-7.5	0.3	0.4	-2.8	1.6	6068841	-2.1	
27	86.679	1432.8	-6.4	0.7	0.3	-1.9	1.6	6104228	-2.2	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
27	86.379	1432.8	-6.4	1	0.4	-1.5	1.6	6086483	-2	
27	86.079	1432.9	-6.7	-0.1	0.5	-1.8	1.4	5999284	-2.2	
27	85.779	1432.7	-5.7	2.1	0	-1.9	1.2	5832173	-2.4	
27	85.479	1432.3	-6.1	2.2	-0.5	-1.8	1	5583334	-2.4	
27	85.179	1431.9	-5.6	1.8	-1.2	-1.1	0.9	5273930	-2.8	
27	84.879	1431.4	-5.6	2.8	-1.8	-1.2	0.8	4961493	-2.6	
27	84.579	1431.1	-6.2	2.5	-2.3	-1	0.7	4663141	-2.7	
27	84.279	1431	-6.1	1.9	-2.2	-1.6	0.6	4380230	-3	
27	83.979	1430.9	-6.3	2.2	-2.1	-1.2	0.5	4121555	-2.8	
27	83.679	1431.1	-7	1.3	-2	-1.8	0.4	3891729	-3.1	
27	83.379	1431.4	-5.9	2.5	-1.5	-1.2	0.4	3718917	-3.2	
27	83.079	1431.6	-7.3	2.5	-1.3	-1.8	0.4	3609914	-2.6	
27	82.779	1432	-7.9	1.1	-0.8	-2.3	0.4	3560800	-2.5	
27	82.479	1432.2	-7.5	2.8	-0.3	-1.5	0.3	3572953	-2.4	
27	82.179	1432.6	-8.2	0.3	0.2	-1.7	0.3	3628683	-2.1	
27	81.879	1432.4	-8.6	-0.6	0.1	-1.9	0.1	3732175	-1.7	
27	81.579	1432.3	-9.4	-1.3	0	-1.6	0.1	3877315	-1	
27	81.279	1432.4	-9.8	-2.3	-0.2	-1.5	0.3	4041989	-0.8	
27	80.979	1432.4	-10.1	-3	-0.3	-2.7	0.4	4229798	-0.6	
27	80.679	1432.6	-10.1	-0.8	0.1	-1.4	0.4	4407895	-0.4	
27	80.379	1432.9	-10.5	-1.6	0.4	-1.8	0.4	4541757	-0.4	
27	80.079	1433	-11.2	-2.2	0.7	-2.3	0.3	4652778	0.3	
27	79.779	1433.2	-11.1	-1.6	0.9	-2.2	0.1	4705057	0.2	
27	79.479	1433.5	-10.7	-1	1.6	-2.3	0	4715653	0	
27	79.179	1433.5	-11.4	-1.4	2	-2.7	-0.1	4747733	0	
27	78.879	1433.6	-11.2	0.1	2.3	-3.9	-0.3	4813219	-1	
27	78.579	1433.2	-10	0.5	2.1	-2.9	-0.4	4914906	-1.3	
27	78.279	1432.6	-10.9	-0.8	1.5	-3.7	-0.5	5069613	-1.5	
27	77.979	1432.2	-10.3	0.5	0.6	-3.6	-0.3	5287248	-1.7	
27	77.679	1431.9	-9.6	1.6	0.1	-2.8	0.1	5539021	-1.7	
27	77.379	1431.9	-9.1	1.3	-0.4	-2.3	0.7	5832173	-2.4	
27	77.079	1431.3	-8.1	-0.5	-1.3	-2	1.1	6158088	-2.5	
27	76.779	1431	-7.9	-0.5	-1.9	-1.5	1.6	6502329	-2.6	
27	76.479	1430.8	-6.9	0.4	-2.5	-0.4	2	6842320	-2.7	
27	76.179	1430.6	-6.8	0.7	-2.7	-1.3	2.2	7195017	-2.8	
27	75.879	1430.7	-7.2	-0.1	-2.5	-1.2	2.4	7477679	-3.2	
27	75.579	1430.8	-6.3	0.1	-2.4	-0.9	2.5	7726015	-3.9	
27	75.279	1430.5	-5.8	0.4	-2.5	-1.2	2.3	7930871	-4.2	
27	74.979	1430	-7.3	-0.6	-2.7	-3.6	1.8	8178711	-4.3	
27	74.679	1429.5	-6.4	0.1	-2.7	-2.4	1.3	8408635	-4.2	
27	74.379	1429.1	-6.7	0.8	-2.9	-2.4	0.9	8580943	-4	
27	74.079	1429.1	-7.1	-0.7	-2.8	-3.4	0.6	8651860	-3.9	
27	73.779	1428.9	-6.5	-0.1	-2.6	-2.6	0.3	8580943	-3.6	
27	73.479	1429	-7.6	-0.9	-2.4	-2.8	0.1	8375000	-3.3	
27	73.179	1429.2	-8.2	-2.5	-1.8	-3.1	-0.2	8052885	-2.7	
27	72.879	1429.5	-8.1	-2	-1.6	-2.6	-0.3	7669414	-2.3	
27	72.579	1429.9	-6.8	-1.2	-1	-0.8	-0.2	7269965	-2	
27	72.279	1430.5	-8.2	-2.6	-0.4	-1.6	0.1	6842320	-1.3	
27	71.979	1431.1	-8.7	-2.5	0	-1.4	0.3	6482198	-0.9	
27	71.679	1431.7	-8.4	-2.3	0.7	-1.7	0.4	6176254	-0.6	
27	71.379	1431.8	-8.2	-1.9	1.1	-1.4	0.4	5965100	0.2	
27	71.079	1431.9	-9	-2	1.4	-0.6	0.4	5897888	0.7	
27	70.779	1431.7	-9.3	-3.4	1.2	0.2	0.5	5931303	1.9	
27	70.479	1432.2	-9.8	-2.5	1.3	0.5	0.8	6033862	2.4	
27	70.179	1432.2	-8.7	-0.8	1.3	0.7	0.7	6231399	2.4	
27	69.879	1432.1	-9.5	-2	1.1	0.4	0.5	6502329	2.9	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
27	69.579	1432.4	-9.7	-1.5	1.4	0.7	0.3	6775890	2.4	
27	69.279	1432.2	-7.5	1.1	1.2	2.1	-0.1	7049664	1.9	
27	68.979	1431.6	-6.8	2.6	0.8	1.9	-0.3	7244810	1.7	
27	68.679	1431.3	-7.9	1.9	0.6	1.2	-0.5	7320804	1.3	
27	68.379	1430.9	-7	3.1	0.4	1.7	-0.7	7269965	1	
27	68.079	1430.7	-7.7	2.4	0.1	1.3	-0.8	7097458	0.9	
27	67.779	1430.5	-7.1	3.4	-0.2	0.9	-0.8	6864754	0.3	
27	67.479	1430.4	-5.8	5.4	-0.6	1.8	-0.6	6584120	0	
27	67.179	1430.3	-7.4	3.7	-1.3	0.6	-0.4	6344697	-0.2	
27	66.879	1430.5	-6.9	3.8	-1.7	-0.2	-0.2	6122076	-0.8	
27	66.579	1430.5	-5.8	5.6	-1.8	-0.6	0	5948154	-1	
27	66.279	1430.5	-6.5	4.7	-2	-0.4	0.1	5832173	-1.1	
27	65.979	1430.7	-6.1	3.9	-1.9	-0.3	0.3	5767907	-1.3	
27	65.679	1430.6	-6.4	4.5	-2	-0.5	0.3	5767907	-1.1	
27	65.379	1430.9	-6.8	3.5	-1.6	-0.9	0.3	5815972	-1.3	
27	65.079	1431.1	-5.8	3.8	-1.1	-1.2	0.1	5914548	-1.7	
27	64.779	1431.6	-6.7	2.4	-0.4	-1.3	0.1	6033862	-1.9	
27	64.479	1432.5	-7.4	0.7	0.4	-1.9	0.2	6176254	-2.1	
27	64.179	1433	-5.7	2.2	0.8	-1.2	0.4	6325529	-2.4	
27	63.879	1433.4	-6.4	0.5	1.1	-2.3	0.7	6502329	-2.4	
27	63.579	1433.7	-7.2	-0.4	1.2	-2.9	1	6689297	-2.7	
27	63.279	1433.8	-6.4	0.8	1.1	-2.6	1.4	6887336	-2.8	
27	62.979	1433.9	-7.3	-1	0.7	-3.3	1.7	7049664	-2.8	
27	62.679	1433.7	-6.7	-0.9	0.2	-2.7	1.9	7170377	-2.9	
27	62.379	1433.4	-7.2	0.1	-0.4	-3.4	2.1	7295296	-2.8	
27	62.079	1433.2	-8.4	-2	-1.1	-4	2	7451068	-2.8	
27	61.779	1433.1	-8	-1.3	-1.2	-4.8	1.7	7641424	-2.9	
27	61.479	1432.7	-6.5	0.6	-1.4	-3.3	1.3	7871241	-2.9	
27	61.179	1432.4	-7.8	-1.3	-1.3	-3.7	0.7	8083977	-2.9	
27	60.879	1432.1	-6.7	0.9	-1.4	-3.6	0.2	8308532	-2.9	
27	60.579	1432.1	-6.8	1.4	-0.9	-3.2	-0.2	8580943	-2.8	
27	60.279	1432.1	-7.9	0.2	-0.4	-4.5	-0.7	9024785	-2.7	
27	59.979	1431.9	-6.5	0.3	-0.3	-3.2	-1.1	9473982	-2.6	
27	59.679	1432.1	-6.9	1.3	0	-2.7	-1.2	9829812	-2.5	
27	59.379	1432.3	-6.4	2.3	0.2	-2.2	-1.2	10017943	-2.4	
27	59.079	1432.3	-5.8	2.6	-0.1	-1.4	-0.9	9922986	-1.5	
27	58.779	1432.4	-6.8	1.4	-0.3	-1.8	-0.6	9560502	-1.2	
27	58.479	1432.8	-5.5	3.5	-0.3	-0.5	-0.2	8986052	-1.1	
27	58.179	1432.6	-5.5	3.8	-0.8	-0.5	0.2	8341634	-0.6	
27	57.879	1432.7	-5.5	4.3	-1.2	0.1	0.7	7669414	-0.7	
27	57.579	1433.2	-4.5	4.2	-1.2	0.2	1.4	7049664	-1.1	
27	57.279	1433.4	-4.9	4.6	-1.3	-0.2	1.9	6563480	-1.3	
27	56.979	1433.6	-5.3	4.4	-1.6	-1.1	2.3	6194527	-1.7	
27	56.679	1433.9	-5.4	2.1	-1.6	-2	2.6	5931303	-2	
27	56.379	1434.2	-4.6	2.2	-1.4	-1.2	2.7	5752061	-2.2	
27	56.079	1434.4	-5.4	2.5	-1.3	-2.4	2.6	5628360	-2.5	
27	55.779	1434.3	-4.4	2.6	-1.1	-1.8	2.4	5568484	-2.7	
27	55.479	1434.3	-4.8	2.9	-0.9	-2.4	2.2	5553714	-2.8	
27	55.179	1434	-5.1	2	-1	-3.3	1.7	5583334	-2.8	
27	54.879	1433.5	-5.1	0.7	-0.9	-3	1.1	5628360	-2.8	
27	54.579	1433.4	-5.4	2	-0.4	-2.7	0.5	5674120	-2.7	
27	54.279	1433.5	-4.9	2	-0.1	-1.8	0.1	5752061	-2.7	
27	53.979	1433.4	-4.5	1.3	0	-1.6	-0.3	5881320	-2.4	
27	53.679	1433.4	-5.4	1.1	0.1	-2	-0.6	6086483	-2.2	
27	53.379	1433.3	-5	1.1	0.2	-2.1	-0.8	6363982	-1.8	
27	53.079	1433.2	-4.8	1.6	0.3	-1.7	-0.9	6754032	-1.5	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
27	52.779	1433.3	-4.6	2.2	0.5	-0.6	-0.8	7219828	-1.2	
27	52.479	1433.2	-4.8	1	0.9	-1	-0.7	7754630	-0.6	
27	52.179	1433.1	-5.5	1.2	0.7	-0.9	-0.5	8375000	-0.1	
27	51.879	1433.2	-6.1	1.3	0.6	-1.5	-0.4	9063853	0.1	
27	51.579	1433.2	-6	-0.3	0.7	-1.6	-0.4	9738372	0.3	
27	51.279	1433.5	-5.7	0.7	0.8	-0.9	-0.3	10314040	0.3	
27	50.979	1433.5	-5	2.2	0.7	-1.1	-0.3	10628173	0.1	
27	50.679	1433.3	-4.5	1.9	0.5	-0.1	-0.3	10682398	0.2	
27	50.379	1433.1	-5.3	2	0	-1.1	-0.4	10521357	-0.2	
27	50.079	1432.6	-3.6	3.1	-0.5	0.3	-0.4	10263481	-0.4	
27	49.779	1432.4	-4	3.2	-0.5	0.3	-0.3	9922986	-0.8	
27	49.479	1432.6	-4.1	4.3	-0.4	-0.1	-0.1	9648618	-1.5	
27	49.179	1432.4	-3.6	4.4	-0.5	0.3	0.1	9473982	-1.7	
27	48.879	1432.6	-3.6	2.9	-0.5	-0.5	0.5	9431306	-2.5	
27	48.579	1432.9	-2.5	5.3	-0.5	-0.9	0.9	9431306	-3.3	
27	48.279	1433.1	-3.7	3	-0.3	-2	1.1	9473982	-3.4	
27	47.979	1433.7	-4.2	2.6	0.1	-2.5	1.4	9560502	-3.9	
27	47.679	1433.7	-3.8	4.1	0.3	-3.2	1.6	9693287	-4	
27	47.379	1433.4	-4.8	1.7	0.1	-4	1.6	9922986	-4	
27	47.079	1433	-4.9	2	-0.5	-4.8	1.5	10163835	-4.2	
27	46.779	1432.4	-5.2	1.2	-0.8	-4.8	1.3	10416667	-4.2	
27	46.479	1431.8	-5.4	0.4	-1.3	-4.5	1.1	10682398	-4.2	
27	46.179	1431.5	-4.8	2	-1.6	-4.6	0.9	11019737	-4.1	
27	45.879	1431.3	-5.6	-0.1	-1.9	-4	0.7	11317568	-3.3	
27	45.579	1431.3	-5.8	-0.3	-2.1	-3.4	0.4	11696928	-3	
27	45.279	1431.1	-5.5	0	-2.2	-3.1	0.1	12172965	-2.6	
27	44.979	1431	-5.6	-1.1	-1.9	-2	-0.2	12689394	-2.2	
27	44.679	1431.3	-4.6	0.3	-1.5	-1	-0.2	13168239	-2	
27	44.379	1431.3	-5.5	-0.2	-1	-1.5	-0.3	13508065	-1.8	
27	44.079	1431.4	-6.5	-1.1	-0.4	-1.3	-0.4	13774671	-1	
27	43.779	1431.6	-6.1	-1.5	0.1	-1.9	-0.5	13958333	-0.7	
27	43.479	1431.8	-6.1	-0.7	0.7	-0.6	-0.5	14146960	0	
27	43.179	1432.3	-6.7	-2.3	1	-0.7	-0.5	14340754	0.4	
27	42.879	1432.7	-6.2	-1.4	1.3	-0.2	-0.3	14539931	0.9	
27	42.579	1432.8	-6.7	-1.6	1.1	-0.2	-0.1	14641608	1.4	
27	42.279	1433	-6.3	-1.2	0.9	-0.6	0.1	14340754	1.5	
27	41.979	1432.8	-6.5	-1.1	0.6	-0.3	0.1	13774671	2	
27	41.679	1432.6	-7	-2.1	0.4	0	0.1	13004659	2.2	
27	41.379	1432.4	-5.1	-0.6	0	0.8	0.1	11964286	1.9	
27	41.079	1432	-5.4	0	-0.6	0	0.1	10792526	1.9	
27	40.779	1432.2	-5.4	-0.4	-0.9	0.2	0.1	9560502	2.1	
27	40.479	1432.4	-4.6	0.2	-1	-0.4	0.1	8375000	2.1	
27	40.179	1432.5	-4.5	0.1	-0.7	-0.1	-0.2	7346491	2.1	
27	39.879	1432.6	-3.8	1	-0.4	-0.2	-0.4	6522586	2	
27	39.579	1432.9	-2.8	2.7	0.3	0.3	-0.6	5914548	1.6	
27	39.279	1432.8	-3.1	3	0.6	0	-0.8	5452474	1.5	
27	38.979	1433	-1.9	4.1	0.9	-0.9	-0.8	5119193	0.7	
27	38.679	1433.3	-0.9	4.8	1.5	-0.7	-0.6	4949764	0.1	
27	38.379	1433.6	-0.2	4.8	1.4	-0.9	-0.3	4914906	-0.9	
27	38.079	1433.9	2	6.5	1.4	-0.8	0	5020984	-2.4	
27	37.779	1433.9	2.2	7.5	0.9	-1.5	0.4	5300633	-3.3	
27	37.479	1433.7	3.2	6.8	0.2	-1.7	0.9	5736302	-4.3	
27	37.179	1433.7	3.5	7.5	-0.6	-2.7	1.4	6344697	-5.3	
27	36.879	1433.4	3.9	8	-1.2	-2.5	1.8	7121599	-5.7	
27	36.579	1433.3	4.6	8.2	-1.7	-2.9	2.1	8115310	-6.4	
27	36.279	1432.8	5.2	8.8	-2.3	-3.1	2.1	9264381	-6.8	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
27	35.979	1432.7	5	7.5	-2.5	-3.4	2.1	10416667	-6.8	
27	35.679	1432.6	5.4	9.1	-2.4	-3.9	1.8	11317568	-7.2	
27	35.379	1432.7	5.2	9.4	-1.8	-3.6	1.5	11696928	-7	
27	35.079	1432.6	4.9	8.7	-1.3	-3.9	1	11504121	-6.7	
27	34.779	1432.8	4.7	9.5	-0.7	-3.7	0.5	10848446	-6.5	
27	34.479	1432.8	4.6	9.5	-0.3	-2.9	0.1	10213415	-5.7	
27	34.179	1432.8	4.1	9.3	0	-3	-0.2	9517046	-5.1	
27	33.879	1432.7	3.9	9.3	0.3	-3.3	-0.5	8947650	-4.7	
27	33.579	1432.6	3.4	8.2	0.4	-3.2	-0.8	8476721	-3.7	
27	33.279	1432.5	2.3	7.9	0.5	-3.1	-1	8146887	-2.6	
27	32.979	1432.2	1.3	7.1	0.2	-2.7	-1.1	7871241	-1.2	
27	32.679	1432	1	6.5	-0.1	-1.2	-0.9	7726015	0.4	
27	32.379	1432.3	0.3	5.9	-0.5	-0.3	-0.4	7586051	1.3	
27	32.079	1432.5	-0.3	4.3	-0.9	-0.1	0.1	7477679	2.3	
27	31.779	1432.6	-0.7	4.8	-1.2	0.2	0.5	7295296	3	
27	31.479	1432.9	-0.2	6.3	-1.3	0.6	1	7049664	2.9	
27	31.179	1433.2	0.9	7	-1.4	2	1.6	6754032	2.8	
27	30.879	1433.3	0.2	6.3	-1.5	1.4	2.2	6442308	2.5	
27	30.579	1433.5	0.5	7.2	-1.4	1.8	2.8	6140030	1.5	
27	30.279	1433.5	0.3	6.5	-1.2	0.5	3.1	5881320	0.9	
27	29.979	1433.6	-0.8	5.9	-1.2	-1.3	3.2	5628360	-0.2	
27	29.679	1433.7	-0.3	6	-0.9	-1.1	3	5424223	-1.3	
27	29.379	1433.8	0.1	6.6	-0.8	-1.3	2.9	5273930	-1.9	
27	29.079	1433.7	0.3	7.3	-0.6	-1.9	2.6	5157020	-2.8	
27	28.779	1433.4	-0.1	5	-0.4	-3.6	1.9	5081918	-3.5	
27	28.479	1432.8	0.4	5.8	-0.4	-3.4	1.2	5069613	-3.9	
27	28.179	1432.1	-1	4.4	-0.4	-4.7	0.2	5119193	-4.1	
27	27.879	1431.3	0.4	5	-0.3	-3.2	-0.8	5221322	-4.2	
27	27.579	1431	0.4	4.9	-0.1	-2.3	-1.4	5382391	-3.9	
27	27.279	1430.8	-0.8	3	-0.2	-3.4	-1.9	5613271	-3.8	
27	26.979	1430.8	-0.2	2.6	0	-2.9	-2.1	5897888	-3.3	
27	26.679	1430.6	-1	2.1	-0.2	-3.1	-2.3	6231399	-2.8	
27	26.379	1430.6	-0.9	1	-0.4	-2.7	-2.1	6625791	-2.6	
27	26.079	1430.7	-0.4	0.5	-0.6	-2.2	-1.6	7073480	-2.3	
27	25.779	1431	-1.3	-1.1	-0.7	-2.2	-0.9	7613637	-2.2	
27	25.479	1431.3	-1.4	-3.4	-0.8	-2.8	-0.2	8178711	-1.9	
27	25.179	1431.5	-1.6	-3.8	-1	-2.5	0.4	8760460	-1.4	
27	24.879	1432	-2.1	-5.3	-1.1	-2.1	0.9	9223568	-1.3	
27	24.579	1432	-1.4	-4.9	-1.4	-1.6	1	9648618	-1	
27	24.279	1432.5	-1.7	-5.6	-1	-1	1.2	10017943	-0.6	
27	23.979	1432.8	-1.5	-6.1	-0.7	-1	1	10468750	-0.5	
27	23.679	1433.1	-1.4	-6.6	-0.3	-1	0.8	10904948	-0.4	
27	23.379	1433.2	-1.5	-6.5	0.1	-0.5	0.5	11196524	-0.3	
27	23.079	1433.3	-1.4	-6.8	0.2	-0.1	0.4	11256721	-0.2	
27	22.779	1433.2	-1.4	-6.6	0.4	0.3	0.2	11136968	0.3	
27	22.479	1433.7	-1.8	-6.7	0.7	0.9	0.4	10904948	0.7	
27	22.179	1433.9	-1.4	-6.1	1	1.4	0.5	10737180	0.9	
27	21.879	1434.1	-1.7	-6.3	0.9	1.1	0.8	10574495	0.9	
27	21.579	1434.4	-1	-5.1	0.9	1.6	1.1	10314040	0.7	
27	21.279	1434.4	-1.1	-5	0.7	0.4	1.4	9922986	0.4	
27	20.979	1434.3	-1.3	-4.7	0.6	0.5	1.6	9517046	0.2	
27	20.679	1434.1	-1.5	-3.8	0.3	-0.1	1.7	9143013	-0.4	
27	20.379	1433.8	-1.2	-2.5	0.1	-0.5	1.6	8871822	-1	
27	20.079	1433.3	-1.9	-2.9	-0.5	-1.6	1.4	8651860	-1.3	
27	19.779	1432.9	-2.4	-2.7	-0.8	-2.1	1	8545919	-1.7	
27	19.479	1432.3	-2	-1.7	-1.3	-1.6	0.5	8476721	-2	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
27	19.179	1432	-2.2	-1.5	-1.7	-2.8	0.1	8511179	-2.6	
27	18.879	1431.6	-0.7	-0.5	-2.1	-2.2	-0.2	8687760	-3.3	
27	18.579	1431.1	-1.6	-2.5	-2.4	-3.4	-0.5	8834388	-3.6	
27	18.279	1430.9	-2.2	-2.4	-2.3	-3.9	-0.7	8986052	-3.9	
27	17.979	1431	-2	-2.5	-2	-4.6	-0.8	9063853	-4.6	
27	17.679	1431.1	-1.4	-1.7	-1.6	-3.3	-0.8	8986052	-4.8	
27	17.379	1431.6	-2.6	-1.8	-1	-4.4	-0.7	8760460	-4.8	
27	17.079	1432.2	-3.2	-2.9	-0.1	-4.6	-0.4	8442541	-4.7	
27	16.779	1432.8	-3	-3.1	0.4	-4	-0.1	8052885	-4.5	
27	16.479	1433.4	-2.4	-2.7	1.3	-4.2	0.1	7586051	-4.6	
27	16.179	1433.7	-2.2	-2.1	1.9	-4	0.1	7170377	-4.4	
27	15.879	1433.8	-2.9	-3.3	2.4	-3.4	0	6820033	-3.9	
27	15.579	1433.8	-2.8	-1.8	2.4	-3	-0.1	6563480	-3.4	
27	15.279	1433.7	-3.9	-4.3	2.5	-3.7	-0.2	6402905	-2.7	
27	14.979	1433.7	-3.5	-3.9	2.3	-2.2	-0.2	6306476	-2.1	
27	14.679	1433.2	-4.5	-3.7	1.8	-1.9	-0.5	6287538	-1.1	
27	14.379	1432.9	-4.7	-4.5	1.2	-1.2	-0.7	6250000	-0.2	
27	14.079	1432.5	-5	-4	0.6	-0.9	-1.1	6212908	0.4	
27	13.779	1432.3	-3.6	-2.7	0.2	0.6	-1.3	6140030	1.1	
27	13.479	1431.9	-4.6	-4.2	-0.3	1.1	-1.3	6016523	2.1	
27	13.179	1431.9	-4.4	-3.1	-0.6	1.2	-1.1	5832173	2.6	
27	12.879	1431.8	-4.3	-2.9	-0.7	1.7	-0.9	5628360	2.7	
27	12.579	1431.7	-4.1	-2.5	-0.9	2	-0.5	5410207	2.7	
27	12.279	1431.7	-4.1	-2	-0.8	2.6	-0.1	5247494	2.3	
27	11.979	1432	-4.3	-2.9	-0.6	1.8	0.4	5169753	2.1	
27	11.679	1432.5	-4.9	-3.2	-0.3	1.6	1	5182550	1.6	
27	11.379	1433	-4	-2.5	-0.4	1	1.8	5287248	1.1	
27	11.079	1433.2	-4.2	-2.8	-0.7	0.4	2.5	5509869	0.7	
27	10.779	1433.4	-3.1	-1.6	-1.1	0.7	3.1	5881320	-0.5	
27	10.479	1433.1	-2.7	-1.3	-1.8	-0.3	3.5	6402905	-1.3	
27	10.179	1432.6	-3.3	-1.9	-2.5	-1.8	3.7	7073480	-1.6	
27	9.879	1432.1	-4.3	-2.5	-3	-2.7	3.5	7841760	-2	
27	9.579	1431.4	-3.2	-1.8	-3.7	-1.7	3.2	8651860	-2.1	
27	9.279	1431.1	-4.8	-3.1	-4	-2.7	2.8	9431306	-2.3	
27	8.979	1430.9	-4.1	-3.1	-4.1	-2.9	2.1	10114734	-2.8	
27	8.679	1430.8	-3.3	-2.2	-3.8	-2.4	1.5	10737180	-2.8	
27	8.379	1430.8	-4.2	-2.9	-3.3	-4.1	0.8	11136968	-3.1	
27	8.079	1431	-3.1	-1.6	-2.2	-3.6	0	11256721	-3.6	
27	7.779	1431.1	-2	-0.8	-1.3	-2.2	-0.6	11196524	-3.6	
27	7.479	1431.5	-3.2	-1.3	-0.3	-2.7	-0.8	10962042	-3.4	
27	7.179	1431.8	-3	-0.6	0.6	-2.8	-1	10682398	-3.2	
27	6.879	1432.1	-3.8	-1.8	0.9	-2.7	-0.9	10574495	-2.6	
27	6.579	1432.8	-4	-1.8	1.5	-2.8	-0.7	10468750	-2.6	
27	6.279	1433.1	-3.2	-2.5	1.8	-2.5	-0.5	10314040	-2.6	
27	5.979	1433.2	-3.4	-1.8	1.6	-2	-0.1	10017943	-2.1	
27	5.679	1433.3	-3.6	-1.4	1.1	-2.2	0.3	9560502	-2	
27	5.379	1433.3	-3.4	-1.4	0.7	-2.6	0.6	9024785	-1.6	
27	5.079	1433.2	-3.5	-2.1	0.1	-1.8	0.9	8408635	-1.3	
27	4.779	1432.9	-3.5	-0.9	-0.5	-1.7	1	7754630	-1.4	
27	4.479	1433	-2.6	0.6	-0.5	-0.7	1.2	7049664	-1.4	
27	4.179	1433	-3.4	-0.4	-0.9	-1.2	1.4	6325529	-1.4	
27	3.879	1432.8	-3.3	-0.9	-1.1	-1.3	1.4	5658784	-1.5	
27	3.579	1432.6	-2.8	-0.6	-1.2	-1.1	1.5	5094283	-1.4	
27	3.279	1432.7	-3.7	-0.8	-1.2	-1.5	1.6	4621965	-1.6	
27	2.979	1432.9	-2.8	0	-1.3	-1.4	1.7	4238361	-2	
27	2.679	1432.9	-2.8	1.1	-1.4	-1.5	1.7	3920881	-2	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
27	2.379	1433	-3.3	0.2	-1.6	-1.4	1.6	3673246	-1.9	
27	2.079	1432.5	-2.9	1.6	-2.2	-1.2	1.1	3489584	-1.7	
27	1.779	1432.2	-3.3	1.4	-2.7	-0.9	0.7	3366158	-1.3	
27	1.479	1431.9	-3.7	1.3	-3.1	-0.7	0.3	3307662	-1.1	
27	1.179	1431.4	-2.8	0.8	-3.4	0.2	-0.2	3323413	-1	
27	0.879	1431.3	-4.1	0.5	-3	-0.8	-0.8	3404472	-0.9	
27	0.579	1431.7	-3.5	0.9	-2.1	-0.9	-1.2	3554754	-1.1	
27	0.279	1432.1	-3.1	1.2	-0.9	-0.1	-1.5	3772523	-0.8	
26	999.979	1433	-4	0.1	0.4	-0.4	-1.5	4057655	-0.7	
26	999.679	1434.2	-4.1	0	2.3	-0.8	-1.5	4407895	-0.7	
26	999.379	1435.4	-3.9	0.4	4.3	-0.8	-1.5	4813219	-0.7	
26	999.079	1436.6	-4.9	0	5.8	-1.5	-1.4	5247494	-0.7	
26	998.779	1437.4	-5.1	-1.1	7.1	-2.8	-1.4	5643531	-0.9	
26	998.479	1437.6	-4.6	-0.4	7.6	-1.9	-1.2	5965100	-0.9	
26	998.179	1437.1	-4.5	-1.4	6.7	-1.9	-0.9	6176254	-1	
26	997.879	1436.1	-4.8	-2.1	5.5	-2.5	-0.7	6268713	-1	
26	997.579	1435.3	-5.2	-1.9	4.1	-2.8	-0.4	6250000	-1.1	
26	997.279	1434.2	-5.1	-0.8	2.2	-3.2	-0.2	6212908	-1.5	
26	996.979	1433	-4.3	-1.1	0.3	-2.5	-0.2	6140030	-1.6	
26	996.679	1432.4	-4.4	0.4	-1.5	-2	0.1	6122076	-1.7	
26	996.379	1431.9	-3.6	0.5	-2.9	-1.3	0.4	6140030	-2	
26	996.079	1431.1	-3.1	0.2	-4.4	-0.9	0.7	6194527	-2.1	
26	995.779	1430.8	-3.7	0.5	-4.9	-1.8	1	6306476	-2.1	
26	995.479	1430.4	-3.5	-0.4	-5.2	-1.3	1.2	6522586	-1.8	
26	995.179	1430.3	-3	-1	-5.5	-0.6	1.5	6820033	-1.9	
26	994.879	1430.3	-2.6	0.6	-5.6	-0.9	1.9	7219828	-2.7	
26	994.579	1430.4	-2.8	0.2	-5.2	-1.1	2.2	7697610	-2.7	
26	994.279	1431	-3.2	0.6	-4.9	-1.6	2.7	8308532	-2.9	
26	993.979	1431.5	-3.5	0.5	-4.2	-2.2	2.8	9063853	-3	
26	993.679	1431.9	-3.9	-0.7	-3.3	-2.6	2.8	9922986	-2.7	
26	993.379	1432.3	-3.5	-0.1	-3	-1.3	2.9	10962042	-2.5	
26	993.079	1432.8	-3.2	0.4	-2.4	-1.3	3	12316177	-2.4	
26	992.779	1433.2	-3.4	0	-2	-2.1	3.1	13958333	-2.2	
26	992.479	1433.7	-3.7	-0.2	-1.5	-1.9	3.1	15861743	-2.1	
26	992.179	1433.9	-4.4	-0.9	-1.1	-2.7	2.9	17594538	-1.9	
26	991.879	1433.9	-4.6	-2	-0.9	-2	2.6	18206522	-1.4	
26	991.579	1433.9	-5.1	-1.7	-0.6	-1.4	2.1	17743644	-1.2	
26	991.279	1433.8	-4.9	-1.6	-0.2	-1.1	1.5	16617064	-0.9	
26	990.979	1433.9	-5.7	-2.9	0.2	-1.3	1	14641608	-0.7	
26	990.679	1434	-5	-1.3	0.8	-1.6	0.5	12389053	-0.8	
26	990.379	1434	-4	-1.2	1.4	-0.1	0.1	10314040	-0.9	
26	990.079	1434	-5.3	-2.5	1.6	-1.3	-0.2	8616255	-1.1	
26	989.779	1433.8	-4.5	-1.2	1.9	-0.7	-0.6	7372359	-1.4	
26	989.479	1433.4	-4.9	-2	1.7	-0.6	-0.8	6442308	-1.1	
26	989.179	1433.4	-6.4	-3.1	1.8	-1.6	-0.8	5720629	-1.2	
26	988.879	1433.2	-5.5	-1.8	1.5	-1	-0.7	5169753	-1.3	
26	988.579	1433.1	-6.6	-3.8	0.9	-1	-0.5	4715653	-1.3	
26	988.279	1432.6	-5.3	-1.2	0.1	-0.7	-0.4	4371086	-1.5	
26	987.979	1431.8	-6.1	-2.6	-0.5	-2.2	-0.5	4121555	-1.3	
26	987.679	1431.6	-6.4	-3.3	-0.7	-2	-0.5	3935621	-1.7	
26	987.379	1431.2	-5.9	-1.9	-0.7	-2.2	-0.6	3806819	-2.2	
26	987.079	1431.2	-6.3	-2.2	-0.3	-2.2	-0.6	3725534	-2.3	
26	986.779	1431	-6.8	-2.9	-0.1	-2.5	-0.8	3647649	-2.8	
26	986.479	1431.1	-6.7	-1.8	0	-2.9	-0.8	3597509	-2.9	
26	986.179	1431.4	-8.1	-3	0.4	-3.5	-0.8	3566866	-2.6	
26	985.879	1431.7	-7.3	-2.7	0.8	-3.3	-0.7	3554754	-2.8	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
26	985.579	1431.6	-6.4	-1.9	1.1	-2.6	-0.8	3572953	-2.9	
26	985.279	1431.5	-6.9	-2.1	1	-2.7	-0.8	3591338	-2.6	
26	984.979	1431.3	-7.2	-2	1	-3.2	-0.8	3622405	-2.5	
26	984.679	1430.8	-7.9	-2.8	0.3	-3.1	-0.8	3679702	-1.7	
26	984.379	1430.4	-7.7	-3.4	0	-2.4	-0.8	3765738	-1.4	
26	984.079	1430.5	-7.8	-3.4	-0.1	-2.4	-0.7	3920881	-1.2	
26	983.779	1430.5	-7.8	-4.2	-0.4	-1.6	-0.6	4129685	-1	
26	983.479	1430.7	-8.2	-5.1	-0.8	-2.3	-0.5	4398635	-1	
26	983.179	1430.8	-7.3	-3.6	-0.8	-2	-0.5	4758523	-0.8	
26	982.879	1430.9	-7.3	-3.8	-1.1	-1.6	-0.3	5247494	-0.6	
26	982.579	1431.1	-7.2	-4.2	-1.2	-1.6	-0.1	5931303	-0.9	
26	982.279	1431.3	-6.7	-4.1	-1	-1.3	0.3	6910066	-0.9	
26	981.979	1431.4	-6.6	-3.8	-1	-1.1	0.7	8275692	-1	
26	981.679	1431.6	-6.4	-3.2	-1.2	-1.3	1	10213415	-1.3	
26	981.379	1431.7	-6.3	-2.8	-1.1	-1.7	1.1	12845092	-1.3	
26	981.079	1432.2	-6.5	-2.6	-1.2	-1.6	1.5	16105769	-1.4	
26	980.779	1432.7	-5.8	-2.3	-1	-2.1	1.8	19752359	-1.5	
26	980.479	1433.1	-5.7	-2.5	-1.1	-2	2.2		-1.4	
26	980.179	1433.5	-5.8	-2.4	-1.2	-2.1	2.5		-1.8	
26	979.879	1433.3	-4.7	-1	-1.8	-2.2	2.6		-1.9	
26	979.579	1433.1	-5.3	-0.9	-2.1	-3.7	2.6		-2.1	
26	979.279	1433	-5	-0.4	-2.4	-3.8	2.6	19752359	-2.4	
26	978.979	1432.9	-4	1.1	-2.3	-3.5	2.5	17022358	-2.6	
26	978.679	1433	-4.4	0.5	-2.5	-3.7	2.5	14849291	-2.7	
26	978.379	1433	-3.1	2.6	-2.4	-2.9	2.3	13168239	-2.9	
26	978.079	1433	-2.8	2.2	-2.2	-2.9	2	11829096	-2.8	
26	977.779	1433.3	-3.7	0.3	-1.9	-3.9	1.7	10628173	-2.8	
26	977.479	1433.7	-2	3.3	-1.2	-2.8	1.4	9648618	-2.8	
26	977.179	1433.7	-0.9	3.6	-0.8	-1.5	1	8760460	-2.5	
26	976.879	1433.9	-0.8	4.1	-0.6	-1.5	1	7991412	-2.3	
26	976.579	1433.8	0.2	6.6	-0.8	-0.1	0.9	7295296	-2	
26	976.279	1433.7	-0.2	5.3	-0.8	-1	0.9	6689297	-1.6	
26	975.979	1433.6	-0.4	6.2	-0.8	-1.4	0.9	6158088	-1.4	
26	975.679	1433.3	0.3	5.6	-0.6	-1.1	0.7	5720629	-1.1	
26	975.379	1433.4	0.5	6.6	-0.4	0.3	0.9	5341199	-0.3	
26	975.079	1433.7	0.6	7	-0.2	0.7	1	5020984	0.1	
26	974.779	1433.9	1.6	7.5	0.3	0.7	1	4758523	0.7	
26	974.479	1434.1	1.8	8.1	0.7	1.7	0.9	4522139	1.2	
26	974.179	1434.4	0.7	7.5	1.5	-0.1	0.5	4317011	1.1	
26	973.879	1434.2	2.8	9.5	1.8	2.8	0.1	4146040	1.6	
26	973.579	1433.9	2.4	10.5	1.9	3	-0.3	4011016	1.9	
26	973.279	1433.4	3.3	10.6	1.8	3.8	-0.7	3898976	1.8	
26	972.979	1432.6	3.5	9.9	1.3	4.2	-1.1	3793026	1.7	
26	972.679	1432.1	2.1	9	0.8	2.8	-1.5	3712323	1.2	
26	972.379	1431.5	4.2	11.4	0.4	3.9	-1.9	3660403	0.8	
26	972.079	1431.1	3.4	11.3	0	3.4	-2.1	3641305	0.6	
26	971.779	1431	3.6	11.3	-0.3	3.6	-2.2	3660403	-0.1	
26	971.479	1430.9	3.4	11.2	-0.5	1.7	-2.1	3705753	-0.4	
26	971.179	1431	3.1	10.9	-0.6	1.8	-1.8	3786167	-0.6	
26	970.879	1431.3	2.4	10.6	-0.6	0	-1.4	3928237	-1.2	
26	970.579	1431.4	1.5	8.8	-0.3	-0.9	-1.1	4129685	-1.4	
26	970.279	1431.8	0.5	7.8	-0.1	-0.9	-0.7	4398635	-1.6	
26	969.979	1432.2	0.7	7.9	0	-1.5	-0.2	4736991	-1.8	
26	969.679	1432.3	-0.5	6.2	-0.3	-2.1	0.3	5131741	-1.3	
26	969.379	1432.7	-0.8	5.8	-0.4	-2	0.7	5583334	-1.7	
26	969.079	1432.8	-0.1	6.3	-0.6	-1.6	0.9	6086483	-1.8	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
26	968.779	1432.9	-1.1	5.2	-0.7	-2.1	1.1	6542969	-1.6	
26	968.479	1433.1	-0.8	5.7	-1	-1.8	1.3	6910066	-1.8	
26	968.179	1433	-1.4	4.4	-1.2	-1.7	1.4	7097458	-2	
26	967.879	1433.1	-2.5	3.2	-1.4	-2.2	1.5	7121599	-2.1	
26	967.579	1433.3	-3.4	2.4	-1.3	-2.9	1.5	7026007	-2.3	
26	967.279	1433.4	-2.7	2	-1.1	-2	1.6	6910066	-2	
26	966.979	1433.7	-4.7	0.6	-1	-2.8	1.7	6754032	-1.9	
26	966.679	1434	-3.9	1.1	-0.7	-2.3	1.7	6667994	-1.7	
26	966.379	1434.1	-4.2	-0.2	-0.6	-2.2	1.8	6689297	-1.3	
26	966.079	1434.2	-4	0.4	-0.5	-1.8	1.9	6797890	-1.4	
26	965.779	1434.2	-4.8	-1.7	-0.4	-2.7	1.9	7026007	-1.6	
26	965.479	1434.1	-5.2	-2.4	-0.5	-2	1.8	7269965	-1.6	
26	965.179	1434	-6.2	-2.5	-0.7	-2.2	1.7	7558664	-1.7	
26	964.879	1433.4	-4.8	-2.8	-1.3	-1.9	1.5	7841760	-1.5	
26	964.579	1433.3	-6.7	-5.8	-1.9	-2.3	1.5	8022031	-1.2	
26	964.279	1433.2	-6.5	-5.7	-2.3	-2.7	1.4	8115310	-1.4	
26	963.979	1432.9	-5.6	-5.8	-2.9	-1.5	1.3	8052885	-1.3	
26	963.679	1432.6	-6.3	-6.1	-3.1	-1.8	1.1	7930871	-1.1	
26	963.379	1432.4	-5.9	-5.5	-3	-1.1	1	7726015	-1.1	
26	963.079	1432.4	-7.2	-7.5	-2.7	-1.9	1	7477679	-0.7	
26	962.779	1432.7	-8	-8.5	-2.1	-1.5	0.9	7170377	-0.7	
26	962.479	1433.1	-6.2	-6.8	-1	-1	0.7	6864754	-0.9	
26	962.179	1433.7	-6.5	-8.1	0.1	-0.5	0.6	6563480	-1.3	
26	961.879	1434.3	-6.5	-8.3	1.1	-0.3	0.4	6287538	-1.7	
26	961.579	1434.9	-6.6	-7.3	2.1	-1	0.3	5999284	-1.9	
26	961.279	1435	-7.2	-10	2.6	-1.5	-0.1	5689538	-2.1	
26	960.979	1434.7	-7	-9.4	2.7	-1.8	-0.5	5410207	-2.4	
26	960.679	1434.1	-6.8	-10.1	2.1	-1.4	-0.8	5169753	-2.6	
26	960.379	1433.8	-8.1	-11.6	1.4	-1.6	-0.9	4973278	-2.6	
26	960.079	1433.3	-7.4	-9.5	0.3	-2.3	-0.9	4824309	-2.8	
26	959.779	1432.8	-7.9	-12.1	-0.7	-3.3	-0.8	4726298	-2.4	
26	959.479	1432.3	-9.2	-12.6	-1.8	-4.4	-0.7	4663141	-2.2	
26	959.179	1432.2	-9.4	-13	-2.4	-4.7	-0.5	4652778	-2	
26	958.879	1432.3	-9.4	-12.8	-2.7	-4.5	0.1	4684005	-2	
26	958.579	1432.6	-9.3	-12.4	-2.6	-5.2	0.8	4769363	-2.4	
26	958.279	1433.2	-8.7	-11.1	-2.1	-4.9	1.5	4938090	-2.6	
26	957.979	1433.9	-10.1	-11.6	-1.4	-6	1.9	5144349	-2.6	
26	957.679	1434.7	-9.6	-10.1	-0.6	-5.9	2.1	5410207	-3	
26	957.379	1434.9	-7.6	-8.3	0.1	-4.7	1.9	5705041	-2.8	
26	957.079	1435.2	-7.5	-7	0.8	-3.4	1.7	6016523	-2.7	
26	956.779	1435.3	-6.7	-5.9	1	-2.6	1.4	6363982	-2.7	
26	956.479	1434.7	-6.5	-6.4	0.9	-2.2	0.8	6667994	-2.4	
26	956.179	1434.1	-6	-4.9	0.6	-1.5	0.4	6910066	-2	
26	955.879	1433.5	-5.9	-5.1	0.3	-2	-0.1	7121599	-1.9	
26	955.579	1433.1	-5.2	-3.8	-0.2	-0.3	-0.3	7295296	-1.4	
26	955.279	1433.1	-5.9	-3.4	-0.7	-0.5	-0.2	7424646	-1.4	
26	954.979	1433	-3.4	0	-1	0.9	0	7531475	-1.4	
26	954.679	1433.2	-4.3	-1.6	-1.3	0.2	0.4	7586051	-1.1	
26	954.379	1433.6	-4.2	0.5	-1.4	-0.4	0.6	7697610	-1.1	
26	954.079	1433.7	-3.9	0	-1.1	-0.3	0.7	7812500	-1	
26	953.779	1433.5	-3.7	0.5	-1	-0.2	0.5	7900944	-0.8	
26	953.479	1433.4	-2.9	1.1	-0.6	0.2	0.4	7930871	-0.9	
26	953.179	1433.2	-2.5	2.3	-0.5	0.4	0.2	7930871	-0.8	
26	952.879	1433.2	-4	1.2	-0.3	-0.4	0.1	7841760	-0.5	
26	952.579	1433.1	-3.8	2.4	-0.1	-1.2	-0.2	7697610	-0.2	
26	952.279	1433.1	-3.7	1.1	0.1	-1	-0.5	7504480	0.2	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
26	951.979	1433.5	-3.1	3.6	0.5	-0.1	-0.7	7295296	0.2	
26	951.679	1433.6	-2.7	3.8	0.4	0.3	-0.6	7097458	0.3	
26	951.379	1433.9	-2.5	3.1	0.5	0.5	-0.2	6932947	0.5	
26	951.079	1433.8	-2.2	4.1	-0.1	0.3	0.1	6820033	0.4	
26	950.779	1433.8	-2.2	3.7	-0.2	-0.6	0.4	6689297	0.4	
26	950.479	1433.7	-2.2	5	-0.6	0.1	0.5	6542969	0.2	
26	950.179	1433.7	-2.2	5.8	-0.6	-0.4	0.6	6402905	-0.6	
26	949.879	1433.7	-0.8	5.4	-0.7	0.1	0.7	6250000	-1.1	
26	949.579	1433.9	-1.3	5.2	-1.1	-1	0.9	6068841	-1.5	
26	949.279	1433.8	-1.4	5.1	-1.2	-2.3	0.8	5881320	-2.1	
26	948.979	1433.8	-1.3	5.3	-1.2	-2.4	0.6	5674120	-2.4	
26	948.679	1434.1	-1.3	5.9	-0.7	-3	0.3	5509869	-3	
26	948.379	1434	0.2	7.2	-0.3	-2.4	-0.2	5396263	-3.5	
26	948.079	1434.4	-0.1	6.7	0.3	-2.7	-0.3	5368590	-3.7	
26	947.779	1434.3	-0.9	7.2	0.3	-3.6	-0.5	5410207	-4.1	
26	947.479	1434.4	-0.2	7.2	0.4	-4.4	-0.5	5524407	-4.4	
26	947.179	1434.7	-0.4	7.5	0.2	-4.5	-0.3	5674120	-4.6	
26	946.879	1434.8	0.4	9.6	0.1	-3.8	-0.2	5881320	-4.9	
26	946.579	1434.9	-0.1	9.3	-0.2	-4.8	0.2	6140030	-4.7	
26	946.279	1435.1	-0.5	8.9	-0.5	-4.3	0.7	6383384	-4.5	
26	945.979	1435.2	0.3	9.6	-0.7	-4.5	1	6604890	-4.7	
26	945.679	1435.2	0	8.7	-1	-4.4	1.2	6754032	-4.4	
26	945.379	1435.3	-0.5	9.6	-1	-3.5	1.3	6820033	-4.3	
26	945.079	1435.4	0.4	10	-0.9	-3.4	1.3	6887336	-4.2	
26	944.779	1435.7	0.4	8	-0.6	-2.8	1.3	6955980	-4.2	
26	944.479	1435.9	0	7.5	-0.2	-3.8	1.1	7097458	-4.6	
26	944.179	1435.9	1.3	8	0.2	-2.3	1	7219828	-4.7	
26	943.879	1435.7	-0.1	6.4	0.1	-3.1	1	7346491	-4.7	
26	943.579	1435.7	0	6	0.2	-3.2	1	7424646	-4.8	
26	943.279	1435.5	0.1	6	0	-2.6	1	7504480	-4.2	
26	942.979	1435.6	-1.6	3.6	-0.3	-3.4	1.3	7586051	-3.7	
26	942.679	1435.6	-0.7	5.2	-0.6	-3	1.4	7697610	-3.3	
26	942.379	1435.3	-1.5	1.9	-1.1	-2.9	1.4	7726015	-2	
26	942.079	1435.2	-2	2.3	-1.4	-2.1	1.4	7669414	-1.3	
26	941.779	1434.6	-2	2.2	-1.8	-2	1.2	7531475	-0.2	
26	941.479	1434.2	-3	0.9	-1.9	-1.3	1	7372359	0.5	
26	941.179	1433.9	-3.5	0.2	-1.7	-1.5	0.4	7269965	1	
26	940.879	1433.7	-3	-0.1	-1.5	-0.8	0.1	7219828	1.5	
26	940.579	1434	-3.4	-0.9	-1	0.2	-0.1	7219828	1.7	
26	940.279	1434.2	-2.3	1.7	-0.7	1	-0.2	7219828	1.5	
26	939.979	1434.3	-1.6	2.2	-0.2	1.3	-0.1	7244810	1.5	
26	939.679	1434.4	-2.4	1.3	-0.2	1.4	0.2	7320804	1.3	
26	939.379	1434.4	-1.7	1.4	0.4	1	0.4	7531475	1	
26	939.079	1434.6	-2.3	0.4	0.7	1.1	0.8	7783457	0.9	
26	938.779	1434.8	-1.9	0.6	0.7	1	1.2	8052885	0.1	
26	938.479	1434.8	-1.5	0.7	0.5	0.6	1.6	8243110	-0.3	
26	938.179	1434.7	-2.1	0.1	0.1	0.3	1.7	8243110	-0.4	
26	937.879	1434.6	-2.8	-0.6	-0.1	-1.1	1.6	8083977	-0.7	
26	937.579	1434	-1.3	0.9	-0.4	-0.1	1.3	7726015	-0.7	
26	937.279	1433.5	-2.9	-2.1	-0.6	-1.3	0.9	7219828	-1.1	
26	936.979	1432.7	-1.4	-0.1	-0.7	-0.2	0.4	6667994	-1.4	
26	936.679	1432.1	-1.9	-0.5	-1.1	-1	-0.1	6051301	-1.6	
26	936.379	1431.8	-2.1	-0.8	-1.1	-1	-0.5	5495407	-1.9	
26	936.079	1431.7	-1.8	-0.5	-1	-1.8	-0.7	5069613	-2.1	
26	935.779	1431.7	-2.2	-2.4	-1	-1.4	-0.8	4747733	-2.2	
26	935.479	1432.1	-2.4	-2.3	-1	-1	-0.6	4522139	-2.4	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
26	935.179	1432	-2.2	-1.3	-1	-1.9	-0.5	4389413	-2.4	
26	934.879	1431.9	-3	-2.8	-1.2	-2.2	-0.3	4343880	-2.3	
26	934.579	1431.7	-3.5	-3.1	-1.1	-3.2	-0.2	4398635	-2.3	
26	934.279	1431.9	-2.6	-3	-0.9	-2.3	0.1	4512393	-2.2	
26	933.979	1432	-4.2	-4.1	-0.9	-3.1	0.2	4684005	-2.2	
26	933.679	1432.1	-2.7	-2.2	-0.9	-2.2	0.2	4914906	-2.1	
26	933.379	1432.3	-3.8	-4.1	-0.5	-3.1	0.1	5169753	-1.8	
26	933.079	1432.8	-4.8	-4.8	-0.1	-3.2	-0.1	5452474	-1.6	
26	932.779	1433.1	-4	-3.5	0.3	-2.7	-0.3	5815972	-1.6	
26	932.479	1433.3	-3.3	-3.7	0.6	-1.5	-0.3	6212908	-1.6	
26	932.179	1433.3	-3.7	-4.1	0.8	-1.8	-0.3	6625791	-1.6	
26	931.879	1433.4	-3.1	-3.1	1	-1.8	-0.2	7073480	-1.5	
26	931.579	1433.6	-4.5	-5.8	1	-1.7	0	7558664	-1.3	
26	931.279	1433.8	-3.5	-3.4	1.3	-2	0.2	8083977	-1.3	
26	930.979	1433.7	-2.7	-2.7	1.4	-1.6	0.3	8511179	-1.3	
26	930.679	1433.9	-4	-4.1	1.5	-1.8	0.4	8834388	-1.4	
26	930.379	1434.1	-3.6	-2	1.4	-1.8	0.5	8986052	-1.5	
26	930.079	1434.1	-3.8	-3.1	1.3	-2.1	0.5	8909575	-1.3	
26	929.779	1433.9	-3.6	-2.1	1	-1.8	0.4	8723959	-1.4	
26	929.479	1433.3	-3	-1	0.5	-1.7	0.1	8545919	-1.6	
26	929.179	1433.1	-4.1	-2.1	0	-1.6	-0.1	8308532	-1.6	
26	928.879	1432.6	-2.9	0.1	-0.9	-0.7	-0.3	8115310	-1.9	
26	928.579	1431.8	-1.1	2.4	-1.8	-0.4	-0.3	8022031	-2.1	
26	928.279	1431.3	-2.4	0.6	-2.5	-1	-0.2	8083977	-2.4	
26	927.979	1431.3	-2.5	0.9	-3.2	-1.5	0.2	8341634	-2.8	
26	927.679	1431.3	-2.6	-0.3	-3.5	-2	0.7	8760460	-2.9	
26	927.379	1431.7	-2.7	-1.1	-3.4	-1.4	1.4	9347098	-2.9	
26	927.079	1431.9	-2.8	-0.4	-3.3	-2.2	2.1	10017943	-2.8	
26	926.779	1432.8	-3.6	-1.9	-3	-2.6	3	10737180	-2.5	
26	926.479	1433.7	-4.7	-2.4	-2.5	-3.9	3.7	11379076	-2.5	
26	926.179	1434	-2.9	-1	-1.9	-3.7	3.9	11896307	-2.2	
26	925.879	1434.2	-3.6	-2.1	-1.4	-3.2	3.8	12172965	-2	
26	925.579	1434.4	-4	-1.9	-0.9	-3.6	3.4	12172965	-2	
26	925.279	1434	-3.3	-0.5	-0.6	-2.8	2.7	11964286	-1.7	
26	924.979	1433.5	-4.8	-3.5	-0.5	-3.9	1.8	11441257	-1.3	
26	924.679	1432.9	-3.8	-0.9	-0.2	-3.1	0.7	10848446	-1.2	
26	924.379	1432.6	-2.9	-1.5	-0.2	-1.6	-0.1	10066106	-1.1	
26	924.079	1432.4	-3.7	-1.8	-0.1	-1.4	-0.7	9347098	-1.1	
26	923.779	1432.2	-1.7	0.4	-0.1	-0.5	-1.1	8651860	-1	
26	923.479	1432.3	-2.3	-0.5	0.1	-0.1	-1.1	8022031	-0.2	
26	923.179	1432.5	-2.3	-0.1	0.2	-0.1	-1.1	7451068	-0.3	
26	922.879	1432.5	-1.7	0.7	0.3	-0.1	-1.1	6979167	-0.1	
26	922.579	1432.7	-1.7	0.5	0.4	0.9	-0.9	6584120	-0.2	
26	922.279	1432.9	-1.1	1.9	0.5	0.5	-0.7	6268713	-0.7	
26	921.979	1433	-1.3	2.2	0.5	0	-0.6	6033862	-0.5	
26	921.679	1432.8	-2.2	0.4	0.3	-0.7	-0.7	5848464	-0.4	
26	921.379	1432.7	-1.5	2.7	0.4	-1.1	-0.8	5720629	-0.5	
26	921.079	1432.4	-1.2	1.5	0.3	-0.7	-0.9	5613271	-0.5	
26	920.779	1432.4	-0.9	2.9	0.3	-0.9	-0.8	5509869	-0.9	
26	920.479	1432.6	0	4.8	0.5	-0.1	-0.5	5410207	-1.1	
26	920.179	1433	-0.7	3.3	0.6	-0.8	0	5327608	-1	
26	919.879	1433.4	-0.7	2.6	0.8	-0.6	0.4	5247494	-1.1	
26	919.579	1433.6	-0.6	3.1	0.8	-0.8	0.7	5169753	-1.2	
26	919.279	1433.9	-0.1	3	0.8	0.3	1.1	5057367	-1.3	
26	918.979	1434	-0.1	4.4	0.6	-0.6	1.4	4949764	-1.7	
26	918.679	1433.8	0.3	3.8	0.5	-1.1	1.5	4846644	-2.1	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
26	918.379	1433.3	0.5	3.2	0	-1.1	1.4	4780251	-2.5	
26	918.079	1432.7	-0.4	3.6	-0.3	-2.9	0.9	4747733	-3	
26	917.779	1432.1	0	3.6	-0.7	-2.7	0.4	4791190	-3.3	
26	917.479	1431.6	-1.3	2.5	-1	-3.6	-0.2	4903396	-3.5	
26	917.179	1431.3	-0.6	3	-1.1	-3	-0.6	5131741	-3.7	
26	916.879	1431.2	-1.2	1.8	-1.3	-3.8	-1	5481021	-3.5	
26	916.579	1431.2	-0.9	3.2	-1.3	-3.8	-1.2	6051301	-3.7	
26	916.279	1431.2	-0.2	2.7	-1.2	-3.7	-1.3	6955980	-3.8	
26	915.979	1431.3	-0.9	0.2	-1.1	-4	-1.1	8243110	-3.6	
26	915.679	1431.6	-0.9	1.5	-0.9	-3.4	-0.8	10017943	-3.7	
26	915.379	1431.8	-0.5	2	-0.7	-3.5	-0.3	12316177	-3.4	
26	915.079	1432.1	-1.8	0.8	-0.7	-3.7	0.3	14955357	-3	
26	914.779	1432.5	-2	0.7	-0.5	-4	0.7	17447917	-2.8	
26	914.479	1433.1	-1.6	1.2	-0.3	-3	1.3	18694197	-2.4	
26	914.179	1433.4	-1.4	2.2	-0.3	-2.6	1.7	18206522	-2	
26	913.879	1433.6	-0.9	3.8	-0.4	-2.5	2	16486221	-1.4	
26	913.579	1433.6	-1.4	1.5	-0.6	-1.8	2.1	14146960	-0.4	
26	913.279	1433.8	-1.9	1.7	-0.6	-1.5	2.1	12102601	0.2	
26	912.979	1433.6	-0.8	3.2	-0.6	0.2	1.8	10416667	1	
26	912.679	1433.3	-1	2.3	-0.7	1.4	1.5	9063853	1.7	
26	912.379	1433.2	-0.9	3.9	-0.8	2.5	1.3	8052885	2.2	
26	912.079	1432.9	-0.9	2.9	-1	2.5	1	7244810	2.8	
26	911.779	1432.8	-0.6	2.3	-1.3	2.8	0.9	6625791	2.8	
26	911.479	1432.7	0.6	4.3	-1.4	3.2	0.8	6158088	2.4	
26	911.179	1432.8	0.9	2.6	-1.4	3.8	0.9	5799862	2.1	
26	910.879	1432.9	0.5	2.8	-1.6	3.6	1	5539021	1.5	
26	910.579	1433	0.5	2.8	-1.6	2.5	1.1	5382391	0.9	
26	910.279	1432.9	0.5	2.2	-1.6	1.8	1.1	5354860	0.5	
26	909.979	1432.9	-0.4	1.3	-1.8	0.4	1.1	5481021	-0.4	
26	909.679	1432.8	0.4	1.5	-1.8	0.1	1	5752061	-1.3	
26	909.379	1432.9	0.2	1.5	-1.7	-0.7	1	6176254	-2.1	
26	909.079	1433.1	0.6	2.8	-1.3	-1.4	0.8	6754032	-3.1	
26	908.779	1433	-0.1	1.4	-1.1	-3.1	0.6	7477679	-3.7	
26	908.479	1433.2	-1.2	0	-0.6	-4.2	0.3	8375000	-4.1	
26	908.179	1433.4	-1.4	-0.5	-0.2	-4.5	0.1	9431306	-4.7	
26	907.879	1433.4	-0.5	-0.5	0.2	-4.1	-0.2	10416667	-5.1	
26	907.579	1434	-1.4	-0.7	0.9	-4.9	-0.3	11136968	-5.4	
26	907.279	1434.2	-1.1	-0.4	1.3	-4.9	-0.5	11441257	-5.7	
26	906.979	1434.5	-1.8	-1.2	1.6	-5.5	-0.5	11379076	-5.3	
26	906.679	1434.5	-2.9	-2.8	1.6	-6.2	-0.6	10904948	-5	
26	906.379	1434.3	-2.2	-2.1	1.5	-4.4	-0.8	10314040	-4.6	
26	906.079	1434.1	-2.8	-3.1	1.2	-3.2	-0.8	9648618	-3.8	
26	905.779	1434	-3.7	-4.2	0.7	-2.4	-0.7	9063853	-3.1	
26	905.479	1433.9	-3.4	-3	0.4	-1.5	-0.5	8616255	-2.4	
26	905.179	1433.9	-3.5	-3.5	-0.2	-0.1	-0.3	8341634	-1.6	
26	904.879	1434	-4.2	-2.9	-0.4	0.4	-0.2	8178711	-1.1	
26	904.579	1433.8	-3.3	-2.7	-1	1.6	-0.1	8083977	-1	
26	904.279	1433.8	-4	-2.8	-1.5	3	0.2	8146887	-1	
26	903.979	1434.1	-4.8	-3.9	-1.4	1.4	0.5	8308532	-1.3	
26	903.679	1434.2	-5.6	-5.4	-1.8	0.9	1	8580943	-1.4	
26	903.379	1434.5	-7.5	-6.6	-1.9	-0.6	1.4	8909575	-1.4	
26	903.079	1434.7	-8.2	-7.3	-1.8	-1.6	1.7	9264381	-1.4	
26	902.779	1434.9	-8.5	-8	-1.5	-1.8	1.9	9517046	-1.2	
26	902.479	1435	-10.4	-8.6	-1.3	-3.2	2	9604358	-1	
26	902.179	1435.3	-10.1	-8.1	-0.8	-3.5	2.2	9604358	-0.6	
26	901.879	1435.6	-13.1	-11.5	0.1	-5.3	2.1	9431306	0.4	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
26	901.579	1435.7	-12.8	-11.4	0.5	-4.2	1.7	9183114	0.9	
26	901.279	1435.8	-13	-12.1	1	-3.9	1.3	8909575	1.6	
26	900.979	1435.9	-12.9	-11.5	1.5	-2.1	0.8	8687760	2.2	
26	900.679	1435.7	-12.6	-10.7	1.7	-1.6	0.3	8476721	2.4	
26	900.379	1435.2	-12.4	-11.6	1.6	-1.2	-0.3	8341634	2.7	
26	900.079	1434.6	-12.2	-11.2	1.5	-0.3	-0.9	8178711	2.5	
26	899.779	1433.9	-11.1	-10.2	0.9	0	-1.4	8083977	1.9	
26	899.479	1433	-10.8	-9.9	0.2	1.1	-1.8	8052885	1.7	
26	899.179	1432.9	-10.6	-10	-0.1	0.7	-1.8	8115310	1	
26	898.879	1432.8	-9.4	-10	-0.5	1.2	-1.6	8243110	0.5	
26	898.579	1432.7	-9.6	-10.5	-0.7	0.2	-1.5	8408635	0.2	
26	898.279	1432.7	-9	-9.5	-0.7	0.2	-1.4	8580943	-0.4	
26	897.979	1432.8	-8.5	-9	-0.4	-0.2	-1.2	8723959	-0.9	
26	897.679	1433	-8.4	-8.9	-0.1	-0.2	-0.9	8760460	-1.1	
26	897.379	1433.4	-8.3	-7.9	0.4	-1.2	-0.7	8723959	-1.6	
26	897.079	1433.6	-7.3	-7.7	0.7	-0.8	-0.5	8511179	-1.7	
26	896.779	1433.9	-7.7	-7.9	0.9	-1.3	-0.2	8178711	-1.7	
26	896.479	1434	-7.1	-7.7	1	-1.6	-0.1	7697610	-1.9	
26	896.179	1433.9	-6.2	-6.1	0.8	-0.8	0.1	7097458	-1.8	
26	895.879	1433.9	-6.5	-5.3	0.6	-1	0.3	6502329	-1.7	
26	895.579	1433.6	-5.9	-4.5	0.1	-0.6	0.4	5982143	-1.6	
26	895.279	1433.4	-6.3	-5.8	-0.5	-0.9	0.5	5553714	-1.3	
26	894.979	1433.6	-6.3	-4.9	-1	-1	0.8	5234375	-1.6	
26	894.679	1433.7	-5.7	-4.6	-1.2	-1	1	4997017	-1.7	
26	894.379	1433.5	-5.6	-3.8	-1.8	-1.2	1.1	4857889	-1.7	
26	894.079	1433.5	-5.5	-2.6	-2	-1.4	1.2	4813219	-1.9	
26	893.779	1433.3	-4.8	-2.6	-2	-1.4	1.2	4846644	-2	
26	893.479	1433.3	-5.5	-2.7	-1.8	-1.6	1.2	4973278	-2.1	
26	893.179	1433.5	-5.4	-1.7	-1.5	-2.4	1.2	5182550	-2.5	
26	892.879	1433.7	-5	-1.6	-1	-1.9	1.2	5452474	-2.8	
26	892.579	1434.1	-5.5	-2	-0.9	-3	1.3	5752061	-3.3	
26	892.279	1434.3	-5.5	-1.3	-0.8	-4.1	1.3	6068841	-3.9	
26	891.979	1434.4	-4.6	-1.3	-0.8	-3.6	1.4	6383384	-4.1	
26	891.679	1434.5	-4.8	-0.8	-1	-4.1	1.5	6667994	-4.3	
26	891.379	1434.2	-4.7	0.1	-1.2	-4.9	1.5	6864754	-4.2	
26	891.079	1433.9	-5.5	0.1	-1.4	-4.8	1.5	6955980	-3.9	
26	890.779	1433.9	-5.1	2.4	-1.4	-4.3	1.6	6979167	-3.8	
26	890.479	1433.6	-5.6	2.6	-1.7	-4.7	1.5	6955980	-3.3	
26	890.179	1433.8	-5.4	3.1	-1.6	-4.1	1.6	6864754	-3.2	
26	889.879	1433.9	-4.9	5.5	-1.4	-4.2	1.4	6732315	-3.4	
26	889.579	1434.1	-4.5	5.6	-1.1	-4.1	1.1	6584120	-3.3	
26	889.279	1434.4	-4.4	8.7	-0.4	-3.7	0.8	6383384	-3.2	
26	888.979	1434.5	-3.1	9.7	0.2	-2.2	0.4	6194527	-3	
26	888.679	1434.3	-3.6	9.4	0.5	-1.5	0.1	6068841	-2.2	
26	888.379	1434	-3.8	9.1	0.6	-1.3	-0.2	5948154	-2	
26	888.079	1433.8	-3.4	9.2	0.8	0.6	-0.3	5832173	-1.6	
26	887.779	1433.6	-3.5	8.9	0.6	1.2	-0.3	5720629	-1.3	
26	887.479	1433.6	-2.7	9.5	0.5	2.2	-0.2	5613271	-1.1	
26	887.179	1433.7	-2.8	8.3	0.2	2.2	0.1	5524407	-0.7	
26	886.879	1433.6	-3.1	7.7	-0.5	3	0.5	5438312	0	
26	886.579	1433.6	-3.1	7.5	-0.9	2.4	1	5410207	0.2	
26	886.279	1433.4	-3.2	6.2	-1.5	3.3	1.5	5424223	0.2	
26	885.979	1433.3	-3.9	5.7	-2	2.4	1.9	5481021	-0.1	
26	885.679	1432.9	-5.6	3.4	-2.6	0.7	2.1	5598262	0	
26	885.379	1432.8	-6.7	1.8	-2.8	0.2	2.2	5736302	0.1	
26	885.079	1432.7	-7	1.4	-2.8	-0.9	2	5864846	-0.3	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
26	884.779	1432.7	-7	1.3	-2.6	-1	1.7	6033862	-0.6	
26	884.479	1432.7	-7.8	-0.5	-2.1	-1.8	1.1	6194527	-1	
26	884.179	1432.5	-7.6	0.1	-1.9	-1.8	0.6	6268713	-1.3	
26	883.879	1432.5	-9.1	-2	-1.2	-3.2	0.2	6231399	-1	
26	883.579	1432.8	-9	-2.8	-0.4	-2.7	-0.1	6122076	-1.2	
26	883.279	1432.9	-9.1	-2.6	0.4	-2.8	-0.3	5948154	-1.4	
26	882.979	1433.2	-10	-4.1	1	-2.5	-0.3	5752061	-1.3	
26	882.679	1433.5	-10.1	-3.8	1.3	-3.1	-0.1	5539021	-1.5	
26	882.379	1433.6	-10.3	-4	1.4	-3.6	0.1	5382391	-1.3	
26	882.079	1433.8	-10.9	-5.2	1.3	-3.8	0.5	5273930	-1.2	
26	881.779	1433.9	-11	-5.4	1.3	-4.6	0.7	5234375	-1.4	
26	881.479	1433.6	-10.6	-5.1	0.8	-4	0.8	5260679	-1.3	
26	881.179	1433.3	-11.1	-6.3	0.4	-4.8	0.9	5341199	-1.6	
26	880.879	1432.7	-9.9	-4.4	-0.2	-4.6	0.7	5466710	-1.9	
26	880.579	1432.2	-11	-5.6	-0.4	-5.5	0.4	5643531	-1.9	
26	880.279	1431.9	-9.9	-4.9	-0.6	-4.6	0.1	5832173	-2.3	
26	879.979	1431.5	-9.1	-3.6	-0.8	-4.9	-0.3	6086483	-2.8	
26	879.679	1431.2	-8.8	-3.3	-0.9	-4.4	-0.7	6344697	-2.8	
26	879.379	1431.4	-7.9	-3.3	-0.9	-3.8	-0.8	6542969	-3	
26	879.079	1431.5	-6.6	-1.8	-0.8	-3.1	-0.8	6732315	-3.1	
26	878.779	1431.3	-6.7	-2	-0.9	-3.3	-0.9	6864754	-2.9	
26	878.479	1431.4	-5.3	0.2	-0.6	-2.8	-0.8	6932947	-3.1	
26	878.179	1431.3	-4.8	0.3	-0.5	-2.1	-0.7	6955980	-3	
26	877.879	1431.4	-5.2	0.4	-0.5	-1.9	-0.5	7002509	-2.7	
26	877.579	1431.7	-3.7	1.7	-0.5	-1.1	-0.2	7097458	-2.6	
26	877.279	1431.8	-3.4	1.5	-0.4	-0.6	-0.1	7219828	-2.1	
26	876.979	1432.3	-3.1	1.4	-0.4	-0.5	0.1	7451068	-1.9	
26	876.679	1432.7	-2.6	1.8	-0.2	-0.9	0	7841760	-2	
26	876.379	1432.8	-1.5	1.6	0	0.4	-0.2	8476721	-1.8	
26	876.079	1432.9	-1.2	2.4	0.2	0.2	-0.3	9389014	-1.6	
26	875.779	1432.7	-0.4	3.4	0.2	1	-0.5	10628173	-1.4	
26	875.479	1432.9	-2.1	1.3	0.5	0.2	-0.5	12244152	-0.8	
26	875.179	1433.3	-1.4	2.1	0.6	0.4	-0.3	14243197	-0.6	
26	874.879	1433.4	-1.1	1.6	0.9	0.3	-0.2	16486221	-0.7	
26	874.579	1433.7	-1.2	1.6	0.9	0.3	0.1	18694197	-0.6	
26	874.279	1434.3	-0.8	2.3	0.8	0.3	0.7	19752359	-1	
26	873.979	1434.6	-0.8	2.3	0.5	-1.1	1.4	18694197	-1	
26	873.679	1434.6	-0.8	2.4	0.1	-0.8	1.8	16885081	-1	
26	873.379	1434.6	-0.8	3.1	-0.2	-1.3	2.2	15062950	-1	
26	873.079	1434.3	-0.9	4.7	-0.9	-0.7	2.4	13508065	-0.9	
26	872.779	1434.2	-1	5.7	-1.4	-0.7	2.6	12316177	-0.8	
26	872.479	1433.6	-0.7	6.3	-2	-1	2.4	11379076	-1	
26	872.179	1433.1	-1	6	-2.5	-0.7	2.1	10682398	-0.6	
26	871.879	1432.9	-1.6	6.2	-2.9	-1.6	1.7	10163835	-0.4	
26	871.579	1432.6	0.2	7.8	-2.9	0	1.3	9738372	-0.5	
26	871.279	1432.5	-0.8	8.3	-2.7	-0.8	0.9	9264381	-0.6	
26	870.979	1432.5	-0.6	8.4	-2.6	-0.9	0.6	8651860	-1	
26	870.679	1432.7	0	9.1	-2.2	-0.4	0.4	7930871	-1.1	
26	870.379	1432.8	-0.7	9.3	-2	-1	0.3	7170377	-1.1	
26	870.079	1433	-0.3	9.8	-1.3	-0.6	0.1	6482198	-1.3	
26	869.779	1433.4	-0.6	9.7	-0.5	-0.6	0	5931303	-1.4	
26	869.479	1433.9	-0.1	10.8	0.1	0.5	0.1	5509869	-1.7	
26	869.179	1433.8	0.3	11.3	0.4	-0.3	-0.1	5234375	-1.9	
26	868.879	1434	-0.4	10.2	1.1	-0.5	-0.2	5094283	-1.4	
26	868.579	1434.3	-0.7	10.4	1.5	-0.6	-0.2	5069613	-1.2	
26	868.279	1434.7	-0.4	9.5	1.9	-0.3	-0.3	5157020	-1.4	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
26	867.979	1434.8	-0.5	10.5	2.2	0	-0.5	5382391	-1.3	
26	867.679	1434.7	-1.2	8.7	2.2	-1	-0.7	5705041	-1.6	
26	867.379	1434.7	-1.7	7.4	2	-1.4	-0.7	6104228	-1.8	
26	867.079	1434.5	-2.9	5.9	1.6	-2.7	-0.8	6482198	-1.9	
26	866.779	1434.3	-2.8	5.1	1.6	-3.5	-0.9	6820033	-2.3	
26	866.479	1433.8	-1.9	4.7	1	-2.9	-1	7073480	-2.8	
26	866.179	1433.5	-1.9	4.8	0.6	-2.5	-0.9	7219828	-3.3	
26	865.879	1433.5	-2.9	2.4	0.2	-4.1	-0.7	7269965	-3.8	
26	865.579	1433.4	-2.8	2	0	-4.4	-0.5	7219828	-3.5	
26	865.279	1433.4	-3.4	1.8	-0.1	-4.4	-0.2	7145905	-3.2	
26	864.979	1433.4	-3.5	0.2	-0.4	-4.4	0	7121599	-3.3	
26	864.679	1433.4	-4.2	-0.8	-0.3	-3.9	0.2	7195017	-2.9	
26	864.379	1433.4	-3.4	-0.3	-0.6	-2.9	0.5	7424646	-2.7	
26	864.079	1433.5	-3.2	-0.6	-1	-3.1	1.2	7930871	-2.4	
26	863.779	1433.2	-4.7	-3.2	-1.5	-3.9	1.4	8687760	-1.6	
26	863.479	1433.2	-4.8	-3.6	-1.8	-3.2	1.4	9693287	-1.6	
26	863.179	1432.9	-3.4	-3	-2.3	-1.8	1.3	11078042	-1.4	
26	862.879	1432.8	-3.1	-1	-2.6	-0.7	1.2	12689394	-1.1	
26	862.579	1432.9	-3	-1.6	-2.8	0.2	1.3	14641608	-1	
26	862.279	1432.6	-3.5	-2.4	-3.2	0.3	1.3	16486221	-0.6	
26	861.979	1432.7	-3.6	-2.4	-3.1	-0.5	1.5	17594538	-0.6	
26	861.679	1432.8	-3	-2.2	-2.9	-0.3	1.6	17594538	-0.8	
26	861.379	1433.1	-2.9	-2.1	-2.4	0.5	1.9	16750000	-0.9	
26	861.079	1433.7	-3.5	-2.7	-2.1	0.1	2.5	15509259	-1.1	
26	860.779	1434.5	-3.3	-2.5	-1.4	-1	2.9	14340754	-1.3	
26	860.479	1435	-3.6	-2.7	-0.8	-1.5	3.2	13421474	-1	
26	860.179	1435.5	-4.8	-3.8	-0.4	-2.6	3.2	12766768	-1.2	
26	859.879	1435.6	-4.6	-3.9	0.4	-2.8	2.7	12244152	-1.4	
26	859.579	1435.2	-3.9	-2.9	0.5	-2	2	11964286	-1.4	
26	859.279	1434.8	-3.8	-2.2	0.6	-2.7	1.2	12172965	-1.4	
26	858.979	1434.1	-3.9	-4.1	0.5	-2.6	0.3	12462798	-1.4	
26	858.679	1433.4	-4.6	-3.8	0.5	-3.1	-0.7	12689394	-1.4	
26	858.379	1433.2	-3.8	-3.2	0.6	-2.8	-1.5	13004659	-1.8	
26	858.079	1432.4	-3.1	-3.1	0.4	-2.4	-2.4	13251582	-1.9	
26	857.779	1432.4	-3.8	-3.1	0.6	-1.8	-2.7	13335987	-2	
26	857.479	1432.3	-2.9	-2.6	0.4	-1.2	-2.6	13168239	-2	
26	857.179	1432.7	-2.9	-2.3	0.9	-1.4	-2.1	12689394	-1.9	
26	856.879	1433.2	-1.9	-1.8	1.2	-0.9	-1.5	11762641	-2.3	
26	856.579	1433.4	-2.5	-2.8	1.8	-2.1	-1.1	10628173	-2.4	
26	856.279	1433.5	-2.4	-2	2.1	-1.5	-0.8	9431306	-2.5	
26	855.979	1433.7	-2.2	-1.5	2.1	-1.8	-0.5	8442541	-2.6	
26	855.679	1433.7	-1.6	-1.2	2.3	-1.5	-0.3	7613637	-2.4	
26	855.379	1433.6	-3.2	-2.7	1.7	-2	-0.2	6910066	-2.1	
26	855.079	1433.4	-2.8	-1.6	1.3	-1.9	-0.2	6363982	-2	
26	854.779	1432.7	-2.8	-1.1	0.6	-1.4	-0.5	5948154	-1.4	
26	854.479	1432.2	-2.8	0.1	0	-2.1	-0.8	5689538	-1.2	
26	854.179	1431.3	-1.7	1.1	-0.8	-0.2	-1.1	5598262	-0.8	
26	853.879	1431	-2.2	-0.3	-1.1	-0.5	-0.9	5705041	-0.3	
26	853.579	1431.1	-2.3	-0.4	-1.2	-0.8	-0.7	5914548	-0.2	
26	853.279	1431.1	-1.9	1	-1	-0.9	-0.5	6194527	0.1	
26	852.979	1431.8	-2.8	0	-0.5	-0.4	0	6542969	0.5	
26	852.679	1432.3	-3	0.4	-0.3	-1	0.4	6955980	0.6	
26	852.379	1432.6	-2.6	0.9	-0.1	-0.6	0.8	7451068	0.8	
26	852.079	1432.9	-2	2.2	-0.2	0.2	1.3	7961027	0.6	
26	851.779	1432.9	-2	1.4	-0.1	-0.8	1.7	8511179	0.2	
26	851.479	1432.5	-1.6	1.6	-0.4	0.1	1.9	9063853	-0.2	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
26	851.179	1432.2	-1.2	3.5	-0.9	-0.5	1.9	9693287	-1.2	
26	850.879	1431.5	-0.1	4.7	-1.4	-0.1	1.7	10682398	-1.7	
26	850.579	1431.1	-0.6	2.8	-1.9	-0.3	1.4	12172965	-2.4	
26	850.279	1430.9	0	3.1	-2	-0.4	1.1	14539931	-3.3	
26	849.979	1431.1	0.5	3.5	-1.7	-0.3	0.8	18206522	-4	
26	849.679	1431.4	-0.3	3.2	-1.2	-2.1	0.4		-4.5	
26	849.379	1431.3	-0.2	3.4	-0.9	-1.9	-0.2		-4.7	
26	849.079	1431.1	-1.5	1.5	-0.7	-2.8	-0.5		-4.3	
26	848.779	1431.3	-1.4	1.5	-0.5	-2.5	-0.5		-4.3	
26	848.479	1431.3	-1.4	2.1	-0.2	-3	-0.6		-4.4	
26	848.179	1431.4	-2.6	0.7	0	-3.7	-0.6		-4.2	
26	847.879	1431.3	-2.8	0.8	-0.2	-3.6	-0.6	18862613	-4	
26	847.579	1431.3	-3.9	0.9	-0.5	-4	-0.5	14146960	-3.2	
26	847.279	1431.5	-3.4	1.2	-0.8	-2.3	-0.1	11256721	-2.8	
26	846.979	1431.9	-3.9	0	-0.9	-2.5	0.5	9604358	-2.7	
26	846.679	1432	-4.4	-0.6	-1	-1.6	1	8616255	-2.4	
26	846.379	1432.4	-5.2	-1.3	-1	-2.3	1.5	8083977	-2.4	
26	846.079	1432.7	-5.4	-0.8	-1	-2.7	1.7	7900944	-2.4	
26	845.779	1433	-5.6	-1.8	-1	-1.9	2	7991412	-2.4	
26	845.479	1433.3	-6.5	-3.4	-1	-2.7	2.3	8375000	-2.4	
26	845.179	1433.4	-6.6	-2.8	-1	-2.1	2.4	9063853	-2.3	
26	844.879	1433.3	-7.5	-4.6	-1.2	-3	2.3	10066106	-2.1	
26	844.579	1433.3	-8	-5.1	-1	-2.9	1.8	11256721	-1.9	
26	844.279	1432.9	-8.9	-7	-0.8	-2.9	1.1	12316177	-1.1	
26	843.979	1432.6	-9.1	-6.6	-0.8	-1.6	0.5	12766768	-0.3	
26	843.679	1432.6	-8.8	-6.4	-0.6	-1.2	0.1	12689394	0.2	
26	843.379	1432.7	-9.6	-7.4	-0.2	-1.3	-0.2	11896307	0.9	
26	843.079	1432.7	-9.6	-8	0.1	-0.7	-0.5	10628173	1.3	
26	842.779	1432.8	-9.7	-6.5	0.5	-0.6	-0.7	9347098	1.6	
26	842.479	1432.9	-9.8	-7	0.9	0.2	-0.7	8115310	2	
26	842.179	1433.2	-10.1	-7.3	1	0.5	-0.5	7097458	2	
26	841.879	1433.3	-9.8	-7	1.1	0.9	-0.2	6344697	2	
26	841.579	1433.3	-10.4	-8.7	0.9	0.6	0.1	5783840	1.8	
26	841.279	1433.4	-9.4	-7.2	0.4	0.7	0.4	5382391	1.3	
26	840.979	1433.2	-9.1	-6.8	-0.2	0.3	0.5	5081918	0.9	
26	840.679	1432.9	-8.8	-6.9	-0.6	0.3	0.5	4824309	0.2	
26	840.379	1432.6	-8.3	-5.5	-1.1	-0.2	0.4	4601649	-0.6	
26	840.079	1432.2	-8.6	-5.6	-1.3	-0.9	0.3	4407895	-1	
26	839.779	1432.1	-9.1	-6.5	-1.4	-1.1	0	4246958	-1.6	
26	839.479	1431.9	-8.5	-6.5	-1.4	-1.8	-0.2	4097359	-2.2	
26	839.179	1432.1	-9.2	-7.2	-1.3	-1.9	-0.2	3943032	-2.5	
26	838.879	1432.6	-8.8	-7.2	-1.1	-2.2	-0.1	3813753	-3.1	
26	838.579	1433	-7.4	-6.2	-0.8	-2.2	0.2	3725534	-3.5	
26	838.279	1433.4	-8.1	-8	-0.8	-3	0.6	3679702	-4	
26	837.979	1433.7	-7.6	-7	-0.6	-3.8	0.9	3686180	-4.3	
26	837.679	1433.4	-7.6	-7.6	-0.6	-3.9	1	3745528	-4.3	
26	837.379	1433.7	-9.2	-9.7	-0.5	-4.7	1.2	3870148	-4.3	
26	837.079	1433.7	-8.1	-7.8	0	-4.2	1.1	4089356	-4.5	
26	836.779	1433.9	-9.2	-9	0.4	-4.6	1	4435911	-4.5	
26	836.479	1434.1	-9.9	-8.4	0.8	-5.8	0.5	4949764	-4.8	
26	836.179	1434	-8.3	-6.9	1.2	-5	-0.2	5720629	-4.7	
26	835.879	1434.3	-9.4	-8	1.8	-5.5	-0.8	6797890	-4.6	
26	835.579	1434.2	-7.9	-5.3	2.2	-4.4	-1.5	8375000	-4.8	
26	835.279	1433.9	-7.3	-4.5	2.7	-4	-2.1	10737180	-4.9	
26	834.979	1433.8	-8.5	-4.6	2.7	-4.5	-2.5	14340754	-4.6	
26	834.679	1433.3	-8.2	-4.8	2.4	-4.8	-2.7	19752359	-4	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
26	834.379	1433	-9	-5.1	1.7	-3.7	-2.4		-2.7	
26	834.079	1433.1	-8.9	-4.5	1.1	-3.1	-1.7		-2	
26	833.779	1433.1	-8.7	-3.5	0.3	-2.9	-0.8		-0.9	
26	833.479	1433.2	-8.9	-3.5	-0.9	-1.4	0.4		0.4	
26	833.179	1433.2	-8.9	-3.3	-2.4	-1.5	1.6		1.6	
26	832.879	1433.2	-8.8	-2.3	-3.5	-0.4	2.7		3.2	
26	832.579	1433.5	-7.9	-1.3	-4.5	2.9	3.8		4.4	
26	832.279	1433.6	-6.8	0.7	-5.2	3.8	4.5	19386574	4.8	
26	831.979	1433.4	-6.8	1.2	-5.6	4.4	4.8	16885081	5	
26	831.679	1433.3	-5.6	3.3	-5.8	5.2	4.9	14641608	4	
26	831.379	1433.1	-5.1	4	-5.5	5.3	4.6	12766768	3.3	
26	831.079	1433.1	-4.7	4.1	-4.9	5.5	4.2	11078042	2.7	
26	830.779	1433.7	-3.7	5.9	-3.9	5.9	3.9	9473982	1.4	
26	830.479	1434.1	-3.1	6.5	-3	5.3	3.5	8210785	0.3	
26	830.179	1434.7	-4.2	5.5	-1.9	3.6	3.1	7145905	-0.6	
26	829.879	1435.2	-3.5	6.3	-0.9	2.9	2.6	6306476	-1.7	
26	829.579	1435.4	-3.4	6.7	0	2.3	2.2	5628360	-2.4	
26	829.279	1435.3	-4.8	5	0.5	0.1	1.8	5081918	-2.6	
26	828.979	1434.9	-5.5	4.9	1	-1	1.3	4673549	-3.1	
26	828.679	1434.4	-6.1	3.3	1.2	-1.6	0.8	4407895	-3.3	
26	828.379	1434.3	-7.5	1.6	1.4	-3.6	0.1	4264257	-3.8	
26	828.079	1434	-7.4	1.4	1.7	-4.6	-0.7	4238361	-4.3	
26	827.779	1433.6	-8.8	-0.5	1.7	-5.1	-1.5	4308128	-4.4	
26	827.479	1433.4	-9.4	-0.8	1.8	-5.7	-2.3	4435911	-4.4	
26	827.179	1433	-9.5	-0.4	1.8	-5.9	-3	4642462	-4.5	
26	826.879	1432.6	-9.3	-0.8	1.7	-4.9	-3.5	4891940	-4.2	
26	826.579	1432.1	-10	-0.8	1.7	-4.8	-3.9	5208334	-4	
26	826.279	1431.7	-10.8	-2	1.8	-4.8	-4.2	5539021	-3.4	
26	825.979	1431.8	-11.7	-4.3	1.7	-3.9	-4.1	5767907	-2.9	
26	825.679	1431.8	-11	-2.9	1.4	-3.7	-3.8	5881320	-2.7	
26	825.379	1432.1	-12	-4.4	1.3	-3.4	-3.2	5832173	-2.2	
26	825.079	1432.5	-12.7	-5.1	1.1	-3	-2.5	5658784	-2	
26	824.779	1433	-12.8	-3.6	1.1	-2.9	-1.7	5410207	-1.9	
26	824.479	1433.4	-12.5	-4.4	1.1	-2.4	-1	5157020	-1.6	
26	824.179	1433.7	-12.9	-3.7	1.1	-2.9	-0.5	4961493	-1.9	
26	823.879	1433.8	-12.8	-2.9	1.2	-2.3	-0.2	4846644	-1.9	
26	823.579	1434.1	-13.8	-5.5	1	-2.6	0.2	4846644	-1.9	
26	823.279	1434.4	-12.6	-3.2	1	-2.4	0.5	4997017	-2.3	
26	822.979	1434.3	-12.7	-4.8	0.9	-2.1	0.7	5327608	-2.3	
26	822.679	1434.4	-14	-6.7	0.8	-2.7	0.9	5864846	-2.2	
26	822.379	1434.2	-14	-5.5	0.3	-2.9	1	6732315	-2	
26	822.079	1434	-14.1	-5.9	0	-2.1	1.1	8083977	-1.4	
26	821.779	1434.1	-13.8	-4.8	-0.7	-1.2	1.7	10163835	-1.2	
26	821.479	1433.9	-13.9	-5	-1.5	-1.2	2.2	13508065	-0.8	
26	821.179	1433.9	-14.6	-5.9	-2.2	-0.1	2.9	18862613	-0.1	
26	820.879	1434	-13.9	-5	-3.1	0	3.7		-0.1	
26	820.579	1433.3	-13.9	-5	-3.9	0.1	3.9		0.2	
26	820.279	1433	-14.4	-5.6	-4.4	1	4.2		0.3	
26	819.979	1432.8	-13.3	-5.4	-4.6	1.7	4.2		-0.2	
26	819.679	1432.4	-14.3	-7.5	-4.6	0.8	4		-0.2	
26	819.379	1432.5	-14.6	-7.8	-4.3	0.5	3.8		-0.4	
26	819.079	1432.6	-14.1	-8.5	-3.6	1.1	3.4		-1	
26	818.779	1432.4	-15.4	-10.3	-2.7	-0.4	2.6		-1.3	
26	818.479	1432.4	-15.5	-10.8	-1.8	-1.2	1.8		-1.6	
26	818.179	1432.3	-14.9	-11.2	-0.5	-0.8	0.9		-1.8	
26	817.879	1432	-16.2	-13.1	0.2	-1.7	0.1		-1.6	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
26	817.579	1432.2	-16.4	-12.2	1.1	-2.7	-0.4		-1.6	
26	817.279	1432.1	-16.5	-13	1.5	-2.5	-0.9		-1.8	
26	816.979	1431.9	-17.2	-13.8	1.4	-3.4	-1.2		-1.7	
26	816.679	1431.6	-18.4	-13.6	1.4	-5.5	-1.6		-1.5	
26	816.379	1431.1	-17.9	-12.4	1	-3.5	-1.9		-0.8	
26	816.079	1430.8	-17.8	-11.7	0.3	-3.6	-1.7	16486221	-0.3	
26	815.779	1430.4	-17.9	-10.4	-0.3	-3.8	-1.5	13595779	0.4	
26	815.479	1430.4	-17.9	-10.5	-0.5	-2.8	-1.2	11379076	0.9	
26	815.179	1430.3	-17.3	-8.5	-1.1	-2.7	-1	9829812	0.8	
26	814.879	1430.6	-17.2	-7.8	-1	-2.6	-0.8	8651860	1.2	
26	814.579	1430.9	-16.4	-6.9	-0.7	-1.9	-0.8	7841760	0.4	
26	814.279	1431.1	-14.7	-5.4	-0.5	-1.6	-0.8	7244810	-0.9	
26	813.979	1431.6	-14.9	-4.9	0	-1.7	-0.7	6754032	-1.6	
26	813.679	1431.9	-13.5	-2.7	0.4	-2.1	-0.8	6325529	-3	
26	813.379	1432.1	-12.5	-0.8	0.7	-2.5	-0.9	5982143	-4	
26	813.079	1432.2	-12.2	-1.2	1	-2.4	-1	5736302	-4.7	
26	812.779	1432.5	-11.2	0.8	1.3	-3	-0.9	5598262	-5.8	
26	812.479	1432.7	-10.3	2.4	1.4	-2.5	-0.8	5568484	-6.4	
26	812.179	1432.9	-10.9	1.9	1.5	-4.1	-0.7	5628360	-6.9	
26	811.879	1433.1	-9.6	2.9	1.4	-3.8	-0.5	5752061	-7.2	
26	811.579	1433.4	-11.8	1.1	1.2	-5.3	-0.2	5982143	-6.5	
26	811.279	1433.8	-11	1.8	1	-4.9	0.2	6344697	-6	
26	810.979	1434.1	-10.1	3.7	0.9	-4.5	0.6	6864754	-5.5	
26	810.679	1434	-11	1.6	0.5	-4.5	1	7613637	-4.6	
26	810.379	1433.9	-10.7	2	0.1	-4.4	1.2	8511179	-4.1	
26	810.079	1433.7	-11.1	2.9	-0.2	-4.8	1.3	9560502	-3.1	
26	809.779	1433.4	-11	3	-0.6	-3.7	1.3	10792526	-2.1	
26	809.479	1433.3	-11.3	2.8	-0.7	-4.2	1.4	12172965	-1.4	
26	809.179	1433.2	-11.1	2.7	-0.9	-2	1.4	13865894	-0.6	
26	808.879	1433.3	-10.8	3.1	-1.2	-1.7	1.5	15982825	-0.3	
26	808.579	1433	-9.7	4.9	-1.4	-1.2	1.1	18528761	0.1	
26	808.279	1432.7	-9.9	4	-1.4	-0.9	0.7		0.5	
26	807.979	1432.7	-9.6	4.3	-1.3	-1.1	0.3		0.5	
26	807.679	1432.5	-8.4	6	-0.9	0.6	-0.2		0.3	
26	807.379	1432.5	-7.9	5.4	-0.7	0.9	-0.5		0	
26	807.079	1432.2	-7.3	7	-0.7	1.2	-0.9		-0.6	
26	806.779	1432.1	-7.6	7	-0.5	0.6	-1.2		-0.9	
26	806.479	1432.1	-7.7	6.4	-0.4	0.6	-1.5		-1.2	
26	806.179	1432.5	-6.7	8.7	0.1	0.8	-1.5		-1.7	
26	805.879	1432.7	-6	9.5	0.2	1.5	-1.4		-2.1	
26	805.579	1433.4	-5.3	9.6	0.3	0.9	-0.8	16750000	-3	
26	805.279	1433.6	-6.2	10	0.1	-0.6	-0.3	13251582	-3.4	
26	804.979	1434	-6.7	9.7	0	-1.2	0.4	10792526	-3.4	
26	804.679	1434.3	-6.9	9.6	0.2	-2.5	0.8	9063853	-3.7	
26	804.379	1434.3	-7.1	10.1	0.1	-2.2	1.2	7754630	-3.8	
26	804.079	1434.6	-8.1	10.3	0.2	-2.7	1.6	6820033	-3.8	
26	803.779	1434.8	-8.6	9.3	0	-3.5	1.9	6212908	-3.3	
26	803.479	1435.1	-9.3	8.5	0.1	-3.9	2.1	5799862	-3	
26	803.179	1435.2	-8.8	9.1	0	-3.5	2	5539021	-3.1	
26	802.879	1435	-9.6	8.3	0.1	-3.7	1.6	5396263	-2.9	
26	802.579	1434.7	-9.9	7.4	-0.1	-3.4	1.1	5382391	-2.8	
26	802.279	1434.3	-8.9	8.3	-0.3	-2	0.6	5466710	-2.7	
26	801.979	1433.8	-9.8	6.6	-0.5	-2.3	0.3	5613271	-2	
26	801.679	1433.5	-10.7	4	-1.1	-2.1	0.3	5815972	-2	
26	801.379	1433.2	-10	4.9	-1.3	-1.5	0.2	6016523	-2.2	
26	801.079	1433.1	-10.8	2.7	-1.6	-1	0.4	6250000	-2.1	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
26	800.779	1433	-11.5	1	-1.8	-1.7	0.7	6502329	-2.1	
26	800.479	1433.1	-11.5	0.7	-1.8	-1.7	1	6775890	-2.2	
26	800.179	1433.4	-11.9	-0.7	-1.7	-1.4	1.5	7073480	-2.3	
26	799.879	1433.6	-12.2	-1.9	-1.6	-3.3	1.7	7372359	-2.6	
26	799.579	1433.7	-11.9	-1	-1.3	-2	1.8	7641424	-2.7	
26	799.279	1434	-13.2	-3.6	-0.8	-3.2	1.7	7930871	-2.8	
26	798.979	1433.8	-12.8	-1	-0.8	-3.1	1.4	8243110	-2.7	
26	798.679	1433.5	-14.5	-3.5	-0.5	-3.7	0.8	8616255	-2	
26	798.379	1433.1	-14.9	-4.8	-0.3	-3.9	0.1	8871822	-1.8	
26	798.079	1432.8	-14.3	-3.3	-0.2	-2.9	-0.5	8947650	-1.5	
26	797.779	1432.6	-15.6	-4.9	-0.2	-3.6	-1.1	8871822	-1.2	
26	797.479	1432.7	-14.2	-3.1	-0.1	-1.8	-1.4	8616255	-1	
26	797.179	1432.6	-15.3	-4.3	-0.3	-2.6	-1.5	8308532	-0.2	
26	796.879	1432.8	-15	-3.7	-0.6	-1.4	-1.3	8083977	0	
26	796.579	1433.2	-14.8	-3.7	-0.4	-1.5	-0.9	7900944	0.1	
26	796.279	1433.3	-14.8	-4	-0.5	-0.8	-0.3	7754630	-0.2	
26	795.979	1433.5	-14.2	-4.5	-0.6	-0.6	0.4	7726015	-1	
26	795.679	1434	-14.4	-4.5	-0.6	-2.2	1.3	7841760	-1.6	
26	795.379	1434.4	-14.5	-4.9	-0.7	-2	2.1	8243110	-2.1	
26	795.079	1434.9	-14.5	-6.1	-0.6	-4.1	2.6	8986052	-2.8	
26	794.779	1435.1	-14	-6.1	-0.4	-3.4	2.9	10314040	-3.2	
26	794.479	1435.4	-14	-6.7	-0.6	-3.7	3.1	12316177	-3.8	
26	794.179	1435.3	-13.5	-5.9	-0.9	-4.5	2.9	15282847	-4.3	
26	793.879	1434.7	-13.9	-6.2	-1.3	-4.5	2.3		-4.2	
26	793.579	1434.4	-14.4	-7.7	-1.4	-5.8	1.6		-4.3	
26	793.279	1433.8	-13.3	-7.3	-1.8	-4.2	0.8		-4	
26	792.979	1433.4	-13.6	-8.3	-1.8	-4.1	0		-3.7	
26	792.679	1433.1	-12.3	-6.1	-1.7	-3.1	-0.8		-3.7	
26	792.379	1432.7	-12.2	-5.5	-1.5	-2.3	-1.4		-2.8	
26	792.079	1433	-13.3	-6.4	-1.2	-2.9	-1.7		-2.6	
26	791.779	1433.3	-11.8	-4.7	-0.5	-1.6	-1.8		-2.2	
26	791.479	1434.2	-12.4	-4.3	0.4	-1.1	-1.4		-2	
26	791.179	1434.9	-11.6	-3	1	-0.5	-1.1		-2.1	
26	790.879	1435.5	-11.7	-2.4	1.6	-0.9	-0.7		-1.8	
26	790.579	1436.1	-11.9	-3.1	2	-0.9	-0.3		-1.8	
26	790.279	1436.3	-11.4	-1.8	2.3	-1.5	-0.1		-2	
26	789.979	1436.2	-11.3	-1.4	2.3	-1.1	0.1		-2	
26	789.679	1436.3	-12	-3.1	2.2	-1.6	0.3		-2.3	
26	789.379	1435.9	-11.4	-1.6	1.9	-1.3	0.4		-2.2	
26	789.079	1435.7	-12.7	-2	1.3	-2.1	0.4		-2	
26	788.779	1435.7	-12	-2	0.8	-2.2	0.4		-2.3	
26	788.479	1435.5	-11.9	-1.1	0.2	-2.3	0.4		-2.1	
26	788.179	1435.4	-12	-0.5	-0.2	-2	0.5		-2.1	
26	787.879	1435.2	-11.5	0	-0.5	-1.9	0.5		-2.2	
26	787.579	1434.9	-12.3	-0.4	-0.6	-2.8	0.5		-1.9	
26	787.279	1434.6	-12.2	0	-0.7	-2.5	0.4		-2.1	
26	786.979	1434	-12.7	-0.8	-0.4	-3.7	-0.2	19752359	-2	
26	786.679	1433.9	-12.8	0.4	0.1	-2.8	-0.6	16617064	-1.9	
26	786.379	1434.1	-12.5	0.3	0.6	-3.2	-1	14744718	-2.3	
26	786.079	1434.2	-11.7	2.8	1.1	-2.5	-1.4	13595779	-2.5	
26	785.779	1434.2	-12.3	2.6	1.5	-3.2	-1.8	13085938	-2.4	
26	785.479	1434.2	-12.2	2.1	1.8	-3.9	-2.1	13085938	-2.9	
26	785.179	1433.9	-11.5	4.1	1.8	-3	-2.4	13335987	-2.9	
26	784.879	1433.4	-11.7	2.5	1.4	-3.3	-2.6	13684641	-3	
26	784.579	1433.3	-10.6	4.7	1.4	-2.3	-2.5	14146960	-3.2	
26	784.279	1433.2	-11.2	3.8	0.9	-2.6	-2.1	14849291	-2.9	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
26	783.979	1433.3	-11.3	3.5	0.5	-3.3	-1.8	15625000	-2.9	
26	783.679	1433.5	-11.4	3.4	0.4	-4.1	-1.4	16105769	-2.6	
26	783.379	1433.6	-11	3.2	0.2	-2.5	-1.1	16357422	-2.2	
26	783.079	1433.8	-10.8	3.6	0	-3.2	-0.7	16357422	-2.1	
26	782.779	1434.1	-10.5	4	-0.1	-2.9	-0.1	15982825	-1.4	
26	782.479	1434.6	-10.5	4	0.1	-2.8	0.6	15282847	-1.2	
26	782.179	1434.8	-10.3	3.7	0.2	-3.3	1	14340754	-1.3	
26	781.879	1434.9	-10.1	3.9	0.3	-3.1	1.2	13335987	-1.3	
26	781.579	1435	-9.2	4.3	0.4	-2.4	1.3	12462798	-1.6	
26	781.279	1434.9	-8.2	5.7	0.2	-2	1.3	11964286	-1.7	
26	780.979	1434.8	-9	5.4	0.2	-3	1.1	11567680	-1.9	
26	780.679	1434.9	-7.2	6.1	0.2	-2.5	1	11317568	-2.4	
26	780.379	1434.7	-6.4	7.2	0	-1.9	0.8	11196524	-2.8	
26	780.079	1434.3	-6	6.3	-0.5	-1.7	0.7	11078042	-3.2	
26	779.779	1433.9	-5.9	6.3	-0.9	-2	0.7	11078042	-3.5	
26	779.479	1433.5	-5.4	7.9	-1.3	-1.1	0.8	11196524	-3.5	
26	779.179	1433.3	-5.6	6.2	-1.8	-1.9	0.9	11441257	-4	
26	778.879	1433.2	-4.4	8	-2	-1.1	1	11762641	-4.2	
26	778.579	1433.4	-4.7	6.9	-2.4	-0.9	1.4	12102601	-4.2	
26	778.279	1433.7	-3.4	8.3	-2.6	0	1.6	12462798	-4.5	
26	777.979	1433.8	-4	7.9	-2.8	-1.6	1.6	12845092	-4.2	
26	777.679	1433.7	-4.4	7	-2.6	-1.7	1.4	13168239	-4.1	
26	777.379	1433.5	-4.6	6.7	-2.4	-1.8	1.1	13508065	-4	
26	777.079	1433.2	-5.4	6.6	-2	-2.1	0.8	13421474	-3.5	
26	776.779	1433.4	-6.2	5.2	-1.4	-2.4	0.7	12462798	-3.1	
26	776.479	1433.6	-6.7	6	-1	-2.9	0.7	11196524	-2.6	
26	776.179	1434	-7	5	-0.6	-3	0.9	9876179	-2.3	
26	775.879	1434.6	-8.5	3.4	-0.1	-4.4	1	8723959	-2.2	
26	775.579	1435.2	-6.8	5.2	0.4	-2.8	1.3	7726015	-2	
26	775.279	1435.6	-7.7	3.8	0.3	-3.3	1.8	6932947	-1.9	
26	774.979	1435.7	-7.6	4.7	0.1	-3.5	2.2	6287538	-2	
26	774.679	1435.4	-8.1	4.1	-0.2	-3.4	2.4	5736302	-1.9	
26	774.379	1435	-8.2	4.5	-0.9	-3.5	2.4	5314087	-2.1	
26	774.079	1434.5	-8.4	4.4	-1.5	-3.4	2.2	5033053	-2.2	
26	773.779	1434	-7.9	4.6	-1.9	-3.2	1.9	4802179	-2.3	
26	773.479	1433.7	-9.2	2.5	-2	-3.7	1.4	4601649	-2.5	
26	773.179	1433.3	-8.1	4.2	-2.1	-3.8	0.8	4389413	-2.6	
26	772.879	1433.3	-8.1	4.1	-1.8	-3.4	0.3	4179142	-2.8	
26	772.579	1433.2	-7.5	4	-1.5	-2.9	-0.2	3995706	-2.9	
26	772.279	1433.3	-7.8	3.9	-0.8	-3.1	-0.5	3848806	-2.9	
26	771.979	1433.6	-7.4	3.2	-0.2	-2.2	-0.6	3738840	-2.8	
26	771.679	1433.9	-7.7	3.5	0.6	-2.9	-0.7	3654014	-3	
26	771.379	1433.9	-6.9	4.4	0.9	-2.2	-0.7	3591338	-2.7	
26	771.079	1434	-7.4	4	0.9	-2	-0.5	3560800	-2.6	
26	770.779	1434.1	-7	4	1.1	-2.7	-0.3	3554754	-2.6	
26	770.479	1434.1	-7.2	3.6	0.9	-2.4	-0.1	3591338	-2.3	
26	770.179	1434.2	-7.4	3.1	0.8	-2.7	0.1	3660403	-2.1	
26	769.879	1433.8	-7.1	3.4	0.4	-2.3	0.1	3765738	-1.8	
26	769.579	1433.7	-7.8	2.5	0	-2.4	0.1	3891729	-1.5	
26	769.279	1433.6	-7.2	2.9	-0.4	-2	0	4026443	-1.4	
26	768.979	1433.5	-6.8	2.4	-0.4	-1.5	-0.1	4162525	-1.1	
26	768.679	1433.5	-6.8	1.4	-0.5	-1	-0.1	4281698	-1.1	
26	768.379	1433.3	-5.7	3.3	-0.7	-0.2	-0.1	4398635	-1	
26	768.079	1433.3	-6.2	1	-0.8	-0.4	0	4483405	-0.9	
26	767.779	1433.4	-6.1	0.3	-0.6	-0.3	0.1	4512393	-1	
26	767.479	1433.2	-5.4	0.6	-0.4	0.2	0.1	4483405	-0.8	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
26	767.179	1433.6	-6.4	-0.5	-0.3	-0.1	0.5	4389413	-0.9	
26	766.879	1434.1	-5.4	0	-0.2	0.4	1	4264257	-1.2	
26	766.579	1434.2	-5.9	-0.3	0	-0.5	1.3	4162525	-1.1	
26	766.279	1434.3	-6.4	-2	-0.2	-0.8	1.5	4097359	-1.5	
26	765.979	1434.1	-5.9	-1.2	-0.1	-1.3	1.4	4081384	-1.7	
26	765.679	1434	-6.2	-2.8	-0.3	-1.2	1.3	4113458	-1.8	
26	765.379	1433.7	-6.2	-2.2	-0.5	-1.7	1	4212777	-2.2	
26	765.079	1433.3	-5.7	-1.3	-0.7	-1.7	0.7	4389413	-2.2	
26	764.779	1433.1	-6.6	-2	-1.2	-1.8	0.6	4652778	-2.3	
26	764.479	1432.9	-6.8	-1.4	-1.5	-3.1	0.4	4973278	-2.6	
26	764.179	1432.4	-6.3	-0.1	-1.7	-2.5	0.1	5314087	-2.6	
26	763.879	1432.4	-7.3	-0.6	-2	-2.7	0.2	5643531	-2.6	
26	763.579	1432.3	-6.9	0.1	-2.3	-2.8	0.5	5914548	-2.7	
26	763.279	1432.6	-7.4	1.1	-2.5	-3.4	1.1	6051301	-2.7	
26	762.979	1433.1	-7.4	-0.6	-2.4	-3.6	1.7	6016523	-3.3	
26	762.679	1433.4	-7	0.7	-2.2	-4.6	2.2	5832173	-3.6	
26	762.379	1433.8	-7.7	-0.1	-1.9	-4.9	2.6	5539021	-3.7	
26	762.079	1433.9	-7.2	0.9	-1.7	-4.6	2.6	5195410	-3.8	
26	761.779	1433.9	-6.8	1.4	-1.3	-4.4	2.5	4846644	-3.7	
26	761.479	1434.1	-8	0.4	-0.9	-4.5	2.3	4502689	-3.4	
26	761.179	1434.1	-7.8	0.1	-0.4	-4.6	1.8	4195892	-3.3	
26	760.879	1434	-7.2	2	0	-3.8	1.2	3943032	-3.2	
26	760.579	1433.9	-8	0.1	0.4	-4.6	0.4	3738840	-3	
26	760.279	1433.5	-6.2	1.9	0.5	-2.8	-0.3	3585189	-2.9	
26	759.979	1433.2	-6.4	1.1	0.6	-2.4	-0.9	3472223	-2.7	
26	759.679	1433.1	-6.1	1.7	0.4	-3	-1.1	3382472	-2.8	
26	759.379	1433.1	-5.8	1.6	0.4	-2.9	-1	3318146	-2.7	
26	759.079	1433	-6.4	1.3	0.2	-2.9	-0.8	3276605	-2.7	
26	758.779	1433.1	-6	0.9	0.1	-2.8	-0.4	3251165	-2.9	
26	758.479	1433.1	-5.9	1.5	-0.3	-3.3	0.1	3236090	-3	
26	758.179	1433.2	-5.5	1.5	-0.5	-3	0.7	3216206	-3.4	
26	757.879	1433.2	-5.5	1.7	-0.8	-4.5	1.3	3196565	-3.6	
26	757.579	1433.3	-5.6	1.8	-1	-4.9	1.7	3167550	-4	
26	757.279	1433.6	-4.5	2.6	-1	-4.8	2.1	3129672	-4.5	
26	756.979	1433.5	-4.3	3.5	-1.2	-5	2.2	3101852	-4.6	
26	756.679	1433.1	-4.4	2.8	-1.6	-5.2	1.9	3079045	-4.5	
26	756.379	1432.7	-4.4	2.4	-1.7	-5.3	1.5	3065520	-4.1	
26	756.079	1432.5	-4	2.8	-1.6	-4.8	1.1	3061039	-3.6	
26	755.779	1432.2	-3.7	2	-1.5	-4.4	0.6	3061039	-3.1	
26	755.479	1431.9	-3	3.2	-1.2	-2.9	0.1	3079045	-2.3	
26	755.179	1431.9	-2.9	3.2	-0.9	-1.6	-0.2	3106455	-1.4	
26	754.879	1431.9	-2.4	3	-0.7	-0.5	-0.5	3148497	-0.3	
26	754.579	1431.9	-2	4.4	-0.6	0.6	-0.5	3211273	0.8	
26	754.279	1432.5	-1	4.4	0	2.3	-0.3	3271485	1.4	
26	753.979	1432.7	-0.4	5.5	0.3	3.4	-0.1	3307662	1.8	
26	753.679	1432.9	0.3	6.7	0.3	4.3	0.2	3328697	1.9	
26	753.379	1433	0.7	6.6	0.1	4.2	0.6	3333997	1.7	
26	753.079	1432.9	0.7	6.9	-0.2	3.6	1	3339315	1.6	
26	752.779	1432.8	0.1	6.3	-0.8	2.8	1.4	3344649	1.1	
26	752.479	1432.7	0.1	5.8	-1.2	1.9	1.7	3355369	0.6	
26	752.179	1432.6	0.7	7.3	-1.8	1.8	2	3382472	0	
26	751.879	1432.4	0.5	7.3	-2.6	0.7	2.3	3410017	-0.6	
26	751.579	1432.3	0.4	6.7	-3.1	-0.5	2.6	3460744	-1.2	
26	751.279	1432.2	-0.2	7.1	-3.3	-1.8	2.7	3530776	-1.6	
26	750.979	1432.4	0.2	7.1	-3.2	-2.3	2.7	3609914	-2	
26	750.679	1432.4	0.5	7.9	-2.9	-2.1	2.6	3705753	-2.3	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
26	750.379	1432.4	-0.2	7.2	-2.5	-2.8	2.3	3806819	-2.6	
26	750.079	1432.6	0	7	-1.9	-2.6	2	3898976	-2.9	
26	749.779	1432.9	-0.1	7.6	-1.3	-2.9	1.7	3972961	-3	
26	749.479	1433	-0.5	6.7	-0.8	-3.6	1.3	4026443	-3	
26	749.179	1432.8	-0.1	6.7	-0.5	-3.1	0.8	4065534	-2.9	
26	748.879	1432.7	-0.2	7.8	-0.2	-2.3	0.4	4073444	-2.6	
26	748.579	1432.7	0.4	8.2	-0.1	-2	0.2	4073444	-2.2	
26	748.279	1432.6	0	7.2	-0.2	-2.1	0.3	4073444	-1.8	
26	747.979	1432.4	-0.2	7.8	-0.4	-1.8	0.4	4073444	-1.6	
26	747.679	1432.3	-0.6	5.6	-0.8	-2.1	0.7	4073444	-1.1	
26	747.379	1432.5	-1.1	5.3	-0.8	-2.3	0.9	4081384	-0.7	
26	747.079	1432.6	-0.2	5.9	-0.8	-1.4	1.1	4097359	-0.9	
26	746.779	1432.6	-0.3	5.5	-1.2	-0.5	1.5	4113458	-0.5	
26	746.479	1432.8	-0.9	5.5	-1.4	-1.3	1.6	4113458	-0.8	
26	746.179	1432.8	0.2	6.2	-1.6	-0.5	1.6	4089356	-1	
26	745.879	1432.6	0.1	6	-1.9	-0.1	1.4	4049807	-0.9	
26	745.579	1432.4	0.3	5.8	-1.6	-0.6	0.9	3995706	-1.2	
26	745.279	1432.2	0.8	6.3	-1.3	0.4	0.4	3928237	-1.4	
26	744.979	1431.9	1.2	6.8	-1.2	1.3	-0.2	3863008	-1.3	
26	744.679	1431.6	1.1	5.6	-0.8	0.7	-0.7	3799910	-0.9	
26	744.379	1431.7	-0.5	3.8	-0.5	0.9	-0.8	3758977	0.1	
26	744.079	1432.4	-0.5	3.9	0.1	1.1	-0.6	3752241	0.2	
26	743.779	1432.9	-1	3.4	0.5	0.4	-0.2	3779333	0.4	
26	743.479	1433.5	-1.3	2.7	0.8	0.6	0.4	3827697	0.5	
26	743.179	1433.9	-0.4	3.3	0.9	0.8	1	3920881	0.1	
26	742.879	1433.9	-1.4	1.6	0.6	0.3	1.6	4049807	0.3	
26	742.579	1434.1	-1.7	1.2	0.6	-1	2	4212777	-0.3	
26	742.279	1433.7	-0.8	1.6	0.3	-0.3	2.1	4407895	-1	
26	741.979	1433.4	-2.3	-0.3	-0.3	-0.7	2.1	4652778	-1.2	
26	741.679	1432.9	-1.8	-0.8	-0.9	-1.1	1.6	4949764	-2	
26	741.379	1432.4	-2.3	-1.9	-1.4	-1.2	1.1	5314087	-2.3	
26	741.079	1432.1	-2.8	-3.1	-1.5	-1.7	0.5	5720629	-2.7	
26	740.779	1431.6	-2.5	-3.2	-1.5	-2.8	-0.3	6158088	-3.5	
26	740.479	1431.2	-3.5	-4.2	-1	-3	-1.1	6604890	-3.8	
26	740.179	1431.1	-3.2	-3.3	-0.9	-2.5	-1.6	7002509	-3.9	
26	739.879	1431.1	-4.1	-4.2	-0.3	-3.8	-1.9	7320804	-3.7	
26	739.579	1431.5	-5.1	-5.8	0.1	-3.2	-1.8	7504480	-3.4	
26	739.279	1432	-5	-5.5	0.6	-3.4	-1.5	7504480	-3.4	
26	738.979	1432.5	-5.7	-6.1	0.9	-3.8	-0.9	7346491	-3.2	
26	738.679	1432.8	-6.2	-6	0.7	-3.4	-0.4	7073480	-3.1	
26	738.379	1432.9	-6.1	-6.3	0.6	-3.6	0.1	6732315	-2.8	
26	738.079	1432.7	-7.2	-7.7	0.1	-3.4	0.7	6402905	-2	
26	737.779	1433	-7.4	-7.2	-0.3	-3.9	1.3	6086483	-2.1	
26	737.479	1432.8	-7.2	-7.2	-0.8	-3.2	1.6	5848464	-2.2	
26	737.179	1432.9	-8.3	-8.2	-1.1	-3.6	1.9	5674120	-1.9	
26	736.879	1432.9	-8.2	-7.7	-1.6	-3.5	2	5568484	-2	
26	736.579	1432.7	-7.8	-7.7	-2.1	-3.2	1.9	5553714	-1.9	
26	736.279	1432.8	-9	-8.8	-2	-3.9	1.8	5583334	-1.6	
26	735.979	1432.8	-8	-8.4	-2	-3.2	1.6	5643531	-1.6	
26	735.679	1432.6	-8	-8	-1.7	-2.9	1.3	5720629	-1.4	
26	735.379	1432.8	-8	-7.8	-1.3	-2.6	1	5752061	-1.1	
26	735.079	1432.9	-8.2	-7.6	-0.8	-3.2	0.7	5689538	-0.9	
26	734.779	1432.8	-8.1	-7	-0.6	-2	0.4	5553714	0	
26	734.479	1433	-8.4	-8.2	0	-2.1	0.1	5327608	0.5	
26	734.179	1433.2	-7.2	-6.9	0.7	-1	-0.2	5106708	0.7	
26	733.879	1433.1	-7.1	-6.2	0.9	0.3	-0.5	4926471	1.3	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
26	733.579	1433.4	-6.6	-6.8	1.2	0.9	-0.5	4802179	1.7	
26	733.279	1433.3	-5.7	-5.8	1.5	1.5	-0.7	4758523	2	
26	732.979	1433.2	-5.5	-5.8	1.4	1.8	-0.7	4791190	2.1	
26	732.679	1433.2	-4.6	-5.4	1.4	2.2	-0.6	4903396	1.9	
26	732.379	1433.1	-3.9	-5.1	1.3	2.1	-0.5	5106708	1.3	
26	732.079	1432.9	-3.3	-4.4	1.2	2.6	-0.5	5368590	1.1	
26	731.779	1432.7	-3.2	-2.7	0.9	1.5	-0.4	5689538	0.7	
26	731.479	1432.6	-3.3	-2.8	0.8	0.9	-0.3	5982143	0.8	
26	731.179	1432.6	-3.5	-2.5	0.4	-0.3	-0.1	6231399	0.7	
26	730.879	1432.5	-2.3	-1	-0.1	-0.3	0.1	6363982	0.3	
26	730.579	1432.2	-2.3	-1.9	-0.8	-1.4	0.3	6344697	0.2	
26	730.279	1432	-1.6	-0.2	-1.4	-1.9	0.5	6176254	-0.2	
26	729.979	1431.7	-1.3	0.4	-1.9	-2.6	0.7	5914548	-0.5	
26	729.679	1431.4	-1.2	-0.4	-2.6	-3	1	5613271	-0.3	
26	729.379	1431.3	-0.8	1.5	-3.1	-2.9	1.3	5341199	-0.6	
26	729.079	1431.2	0.3	2.1	-3.5	-2.3	1.4	5119193	-1.2	
26	728.779	1431.2	1.6	3.9	-3.8	-1.4	1.5	4973278	-1.6	
26	728.479	1431.7	2.3	5.1	-3.5	-0.9	1.7	4880536	-2.4	
26	728.179	1432.2	4.1	6.6	-2.8	0.4	1.9	4824309	-3.2	
26	727.879	1432.5	4.9	8.4	-2.2	1	2.1	4813219	-3.7	
26	727.579	1432.7	5.5	8.7	-1.6	1.5	2.1	4846644	-4.3	
26	727.279	1433.2	6.3	10.4	-0.5	2.5	2	4914906	-4.7	
26	726.979	1433.6	6.3	11.4	0.2	2.9	1.8	5020984	-5.1	
26	726.679	1434.1	6.1	11.1	1	2.2	1.6	5169753	-5.4	
26	726.379	1434.4	6.4	12.1	1.6	2.2	1.4	5327608	-5.5	
26	726.079	1434.4	3.9	10.1	1.5	0.2	1.2	5509869	-5.3	
26	725.779	1434	3.3	9.4	1	-1.1	0.9	5705041	-5.1	
26	725.479	1433.2	2.1	9.3	0.3	-1.2	0.7	5914548	-4.2	
26	725.179	1432.7	0.7	8.1	-0.5	-1.8	0.8	6140030	-3.6	
26	724.879	1432	-0.6	6.6	-1.5	-2.5	0.7	6363982	-2.9	
26	724.579	1431.8	-2.5	5.8	-2.2	-2.9	0.9	6542969	-1.9	
26	724.279	1431.7	-3.2	5	-2.7	-3.4	0.9	6667994	-1.8	
26	723.979	1431.6	-4.2	3.6	-3.2	-3.9	0.9	6754032	-1	
26	723.679	1431.8	-5.5	3.5	-3	-3.2	0.9	6775890	-0.5	
26	723.379	1432	-5.5	2.5	-2.5	-2.7	0.8	6775890	-0.3	
26	723.079	1432	-6.7	1.3	-2	-2.9	0.7	6732315	0.1	
26	722.779	1432.2	-7.7	0.3	-1.4	-2.7	0.6	6625791	0.3	
26	722.479	1432.3	-8.3	-0.1	-0.7	-2.7	0.3	6502329	0.4	
26	722.179	1432.6	-9.2	-1.1	-0.1	-2.5	0.1	6344697	0.6	
26	721.879	1432.9	-9.2	-0.8	0.4	-2.3	-0.1	6140030	0.3	
26	721.579	1433.3	-9	-1.8	1	-2.3	-0.2	5931303	-0.1	
26	721.279	1433.3	-9.6	-2.5	1	-1.6	-0.3	5705041	0	
26	720.979	1433.4	-9.5	-2.9	0.9	-2.1	-0.2	5452474	-0.4	
26	720.679	1433.3	-9.5	-3.8	0.7	-2	-0.2	5208334	-0.6	
26	720.379	1433.3	-10	-4.5	0.5	-2.2	-0.2	4973278	-0.9	
26	720.079	1433.4	-9.7	-5.1	0.4	-2.1	-0.1	4758523	-1.2	
26	719.779	1433.5	-9.7	-5.8	0.2	-1.9	0	4551631	-1.3	
26	719.479	1433.5	-10	-6.7	-0.1	-2.3	0.1	4352911	-1.3	
26	719.179	1433.5	-9.4	-6.2	-0.2	-2.4	0.2	4179142	-1.6	
26	718.879	1433.3	-10.4	-7.1	-0.5	-2.7	0.3	4018714	-1	
26	718.579	1433.4	-10.1	-6.6	-0.4	-2.3	0.4	3898976	-0.8	
26	718.279	1433.6	-9.4	-7.1	-0.4	-1.7	0.6	3820712	-0.7	
26	717.979	1433.8	-9.6	-7.3	-0.3	-1.2	0.8	3779333	-0.3	
26	717.679	1434	-9.2	-7.6	-0.2	-0.7	1	3779333	-0.2	
26	717.379	1434	-8.9	-7.6	-0.2	-0.6	1	3813753	-0.3	
26	717.079	1434	-8.9	-7.7	-0.1	0.1	1	3884509	0	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
26	716.779	1433.8	-8.2	-7.4	-0.1	0.2	0.8	3988096	-0.2	
26	716.479	1433.7	-7.8	-8.1	0	0.6	0.7	4113458	-0.3	
26	716.179	1433.5	-7.7	-9.3	0.1	0.7	0.5	4246958	-0.4	
26	715.879	1433.4	-7.2	-9.5	0.1	0.6	0.3	4398635	-0.8	
26	715.579	1433.2	-7.3	-11.4	0.3	-0.1	0	4531927	-0.9	
26	715.279	1433	-7.7	-12.6	0.3	-0.4	-0.3	4652778	-0.8	
26	714.979	1432.9	-7.6	-13.1	0.5	-0.3	-0.5	4780251	-0.5	
26	714.679	1432.8	-7.9	-14.2	0.4	-0.1	-0.5	4891940	0	
26	714.379	1432.8	-7.7	-14	0.5	-0.7	-0.5	5033053	-0.4	
26	714.079	1432.6	-6.9	-13	0.5	-0.6	-0.6	5182550	-0.9	
26	713.779	1432.4	-7.4	-13.8	0.5	-1.2	-0.6	5341199	-0.7	
26	713.479	1432.4	-7.7	-11.6	0.2	-1.5	-0.5	5524407	-0.6	
26	713.179	1432	-6.7	-10	0	-1.2	-0.5	5705041	-0.9	
26	712.879	1432	-7	-9.1	-0.3	-1.5	-0.2	5848464	-0.9	
26	712.579	1431.8	-6.7	-7.4	-0.5	-2	0	5965100	-1.4	
26	712.279	1431.8	-6.6	-6	-0.5	-2.2	0.3	5982143	-1.8	
26	711.979	1431.8	-6.6	-4.1	-0.8	-2.7	0.6	5914548	-2.2	
26	711.679	1431.7	-6.6	-3.4	-0.9	-3.8	0.8	5783840	-2.8	
26	711.379	1431.5	-6	-1.8	-1.4	-3.3	1.1	5628360	-2.6	
26	711.079	1431.9	-6.5	-1	-1.6	-3.9	1.6	5452474	-2.7	
26	710.779	1431.9	-5.5	0	-1.9	-4.3	1.9	5314087	-3.1	
26	710.479	1432	-5	1.7	-2.2	-3.5	2.2	5169753	-3.5	
26	710.179	1431.7	-4.6	3.1	-2.8	-3.5	2.4	5033053	-3.9	
26	709.879	1431.3	-4.5	3.8	-3.5	-3.6	2.7	4914906	-3.7	
26	709.579	1431.2	-4.5	4.7	-4	-2.6	3.1	4813219	-3.4	
26	709.279	1431.1	-4.2	5	-4.3	-2	3.3	4747733	-3.1	
26	708.979	1431.2	-3.1	5.9	-4.1	-1	3.4	4694507	-2.9	
26	708.679	1431.4	-2.9	6.7	-3.8	-0.4	3.1	4673549	-3.5	
26	708.379	1431.8	-1.9	7.6	-3	-0.2	2.8	4673549	-3.7	
26	708.079	1432.1	-3	6.5	-2.5	-1.2	2.5	4705057	-3.5	
26	707.779	1432.5	-3.3	6.7	-1.6	-1.5	2.1	4780251	-3.5	
26	707.479	1432.5	-2.7	7	-0.9	-0.4	1.6	4880536	-3.2	
26	707.179	1432.5	-3.9	5.8	-0.3	-1	1	4985119	-2.7	
26	706.879	1432.5	-4	6	0.3	-1.2	0.4	5081918	-2.6	
26	706.579	1432.4	-3.9	5.5	0.5	-1.5	0	5131741	-1.9	
26	706.279	1432.3	-5.5	4.9	0.5	-2.6	-0.2	5157020	-1.4	
26	705.979	1432.2	-5.3	4.8	0.5	-2.7	-0.5	5157020	-1.3	
26	705.679	1432.2	-5.5	3.9	0.4	-1.3	-0.5	5131741	-0.8	
26	705.379	1432.2	-6	3.6	0.1	-1.7	-0.5	5069613	-0.6	
26	705.079	1432.2	-6.4	2.8	0	-2.1	-0.4	4997017	0.1	
26	704.779	1432.4	-6.6	2.3	0	-1.5	-0.3	4926471	0.3	
26	704.479	1432.6	-6.6	2.3	0	-1.8	-0.3	4891940	-0.2	
26	704.179	1432.7	-5.5	2.7	0.1	-1.5	-0.3	4903396	-0.6	
26	703.879	1432.7	-5.6	2.2	0.1	-0.7	-0.3	4926471	-0.9	
26	703.579	1432.7	-5.8	1.9	0.2	-1.4	-0.4	4961493	-1	
26	703.279	1432.6	-7	0.2	0.1	-1.6	-0.4	5033053	-0.3	
26	702.979	1432.8	-6.5	0.8	0	-0.9	-0.2	5081918	-0.3	
26	702.679	1432.8	-5.8	1.9	-0.1	-0.3	-0.1	5119193	-0.6	
26	702.379	1432.9	-5.7	1.9	-0.4	0.1	0.2	5106708	-0.6	
26	702.079	1433.2	-6	1.9	-0.5	-0.3	0.5	5033053	-0.9	
26	701.779	1433.4	-5.3	2.4	-0.5	-0.1	0.7	4880536	-0.8	
26	701.479	1433.4	-6	0.9	-0.5	-0.5	0.8	4673549	-0.8	
26	701.179	1433.6	-5.5	1.9	-0.4	-0.4	0.9	4473825	-1.1	
26	700.879	1433.6	-5.8	1.9	0	-0.2	0.8	4317011	-1.2	
26	700.579	1433.8	-5.9	0.8	0	-0.6	0.9	4170817	-1.5	
26	700.279	1433.9	-5.8	1.2	0.2	-1.4	0.9	4049807	-1.8	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
26	699.979	1433.8	-6.3	0.4	0.1	-1.8	0.9	3943032	-1.6	
26	699.679	1433.9	-6.6	0	0.1	-2.1	0.9	3863008	-1.7	
26	699.379	1433.7	-6.5	0.1	0	-2.1	0.7	3841744	-1.6	
26	699.079	1433.6	-7	-0.4	-0.2	-1.9	0.7	3870148	-1.4	
26	698.779	1433.4	-6.6	-0.6	-0.3	-2.2	0.5	3935621	-1.6	
26	698.479	1433.1	-6.6	-0.1	-0.5	-2	0.4	4026443	-1.3	
26	698.179	1433	-7	-1.5	-0.6	-2	0.3	4137846	-1.1	
26	697.879	1432.8	-6.6	-1.6	-0.8	-1.9	0.1	4290472	-1.2	
26	697.579	1432.7	-6.5	-1.9	-0.8	-1.3	0.1	4493026	-1.1	
26	697.279	1432.6	-6.4	-1.9	-1	-1	0.1	4736991	-1.1	
26	696.979	1432.6	-6.6	-2.1	-1	-1.3	0.2	5020984	-1	
26	696.679	1432.7	-6.9	-2.7	-0.8	-1.1	0.4	5300633	-0.8	
26	696.379	1432.8	-6.5	-3.4	-0.6	-1.5	0.5	5583334	-1.2	
26	696.079	1432.8	-5.9	-3	-0.3	-1.5	0.5	5881320	-1.6	
26	695.779	1432.8	-6.3	-4.4	0	-1.9	0.5	6104228	-1.6	
26	695.479	1433	-6.1	-3.1	0.4	-1.8	0.5	6268713	-1.8	
26	695.179	1432.9	-6.3	-3	0.5	-2.2	0.3	6325529	-1.6	
26	694.879	1433	-6.3	-3.6	0.8	-2.5	0.1	6268713	-1.6	
26	694.579	1433	-6	-2.1	0.9	-2.6	-0.2	6140030	-1.9	
26	694.279	1432.7	-6.1	-2.1	0.8	-2.6	-0.6	5982143	-1.8	
26	693.979	1432.4	-5.7	-1.8	0.7	-2.2	-0.8	5815972	-1.6	
26	693.679	1432.2	-5.5	0	0.7	-2.5	-0.9	5658784	-1.9	
26	693.379	1431.6	-5	0.3	0.6	-1.7	-1.1	5495407	-1.8	
26	693.079	1431.5	-5.6	-0.1	0	-2.2	-0.9	5368590	-1.7	
26	692.779	1431.5	-5	1	-0.3	-1.4	-0.5	5314087	-1.6	
26	692.479	1431.7	-4.3	2.1	-0.9	-0.4	0.1	5314087	-1.3	
26	692.179	1432.1	-4	2.6	-1.6	0.1	0.9	5396263	-1.6	
26	691.879	1432.3	-3.6	3	-2.3	0.3	1.9	5509869	-1.4	
26	691.579	1432.2	-3.7	1.8	-3.2	0.3	2.7	5658784	-1.3	
26	691.279	1431.9	-3.8	1.8	-4	-0.3	3.1	5815972	-1.2	
26	690.979	1431.5	-4	1.8	-4.4	0	3.3	5982143	-0.8	
26	690.679	1431.7	-4.1	2.9	-4.7	0.8	3.6	6122076	-1.1	
26	690.379	1431.7	-4.1	2.4	-5	-0.2	3.7	6268713	-1.5	
26	690.079	1431.9	-4	1.8	-5.3	-0.4	3.8	6383384	-1.6	
26	689.779	1432.5	-5.4	0.3	-4.9	-3.2	3.8	6482198	-2.4	
26	689.479	1432.7	-4.5	1.5	-4.3	-3.2	3.4	6563480	-2.8	
26	689.179	1432.9	-4.9	0.4	-3.4	-3.5	2.9	6625791	-3	
26	688.879	1433.4	-3.8	2.2	-2.2	-3.1	2.5	6689297	-3.4	
26	688.579	1433.7	-4.6	0.9	-0.8	-3.7	1.9	6710737	-3.1	
26	688.279	1434.1	-6.3	-0.5	0.1	-4.4	1.4	6646826	-2.6	
26	687.979	1434.6	-5.8	0.1	1.3	-4.2	0.7	6502329	-2.4	
26	687.679	1435	-6	-0.2	2.4	-3.6	-0.1	6212908	-1.6	
26	687.379	1435.2	-5.3	1	2.9	-1.7	-0.8	5897888	-1.2	
26	687.079	1435	-4.6	2	3.2	-0.8	-1.5	5583334	-0.6	
26	686.779	1434.7	-5.1	1.4	3.3	-0.5	-1.8	5260679	-0.1	
26	686.479	1434.3	-4.4	2.6	2.8	-0.5	-2	4949764	-0.1	
26	686.179	1433.7	-4	2.6	2.4	-0.1	-2.1	4652778	0	
26	685.879	1433.5	-4.9	1.7	1.8	0.2	-1.8	4389413	0.1	
26	685.579	1433.4	-3.8	3.2	1.3	0.9	-1.4	4179142	-0.2	
26	685.279	1433.4	-3.9	2.7	0.7	0.8	-0.8	4011016	-0.2	
26	684.979	1433.7	-4.2	2.3	0.2	-0.1	-0.1	3884509	-0.3	
26	684.679	1433.8	-4.2	2.2	-0.1	-1.1	0.4	3793026	-0.4	
26	684.379	1433.6	-4.4	2.2	-0.3	-1	0.6	3732175	-0.4	
26	684.079	1433.5	-4.1	2.8	-0.2	-1.6	0.7	3699205	-0.9	
26	683.779	1433.1	-3.2	3.3	-0.2	-1.7	0.7	3692681	-1.3	
26	683.479	1432.9	-3.7	2.2	-0.3	-1.5	0.7	3692681	-1.5	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
26	683.179	1432.5	-3.9	2.4	-0.5	-2.7	0.5	3679702	-1.9	
26	682.879	1432.1	-3.7	2.4	-0.7	-2.6	0.2	3673246	-2.1	
26	682.579	1432.1	-3.6	2.7	-0.7	-2.7	-0.1	3686180	-2.5	
26	682.279	1431.9	-2.3	4	-0.7	-2.3	-0.4	3718917	-3	
26	681.979	1431.8	-2.5	3.5	-1.1	-2.2	-0.3	3786167	-2.8	
26	681.679	1431.8	-2.4	3.7	-1.2	-2.6	-0.3	3898976	-3.3	
26	681.379	1431.6	-1.7	4	-1.3	-2.6	-0.2	4049807	-3.5	
26	681.079	1431.6	-2.4	3.1	-1.4	-2.6	-0.1	4229798	-3.2	
26	680.779	1431.6	-2.5	2.5	-1.4	-2.7	0	4435911	-3.1	
26	680.479	1431.7	-2.5	3.1	-1.1	-2.1	0.1	4694507	-2.4	
26	680.179	1432.1	-2.6	2.4	-1	-2.1	0.3	5008972	-2.4	
26	679.879	1432.3	-1.8	2.5	-0.8	-1.8	0.4	5396263	-2.5	
26	679.579	1432.8	-1.8	2.2	-0.2	-1.2	0.5	5864846	-2.4	
26	679.279	1433.1	-2.1	1.5	-0.1	-1.7	0.4	6363982	-2.3	
26	678.979	1433.2	-1.9	1.8	0.1	-1.1	0.4	6910066	-1.6	
26	678.679	1433.2	-2.3	1.5	-0.1	-0.5	0.4	7531475	-1.2	
26	678.379	1433.4	-1.8	2.2	-0.4	0.3	0.7	8210785	-1.2	
26	678.079	1433.3	-1.8	2.3	-0.9	0.6	1	8871822	-1.3	
26	677.779	1433.5	-2.3	1.8	-1.6	0.7	1.6	9305556	-1	
26	677.479	1433.5	-2.6	1.4	-1.9	0.3	1.9	9389014	-0.9	
26	677.179	1433.3	-3.5	1.9	-2.3	0	2.1	9183114	-0.2	
26	676.879	1433.7	-2.9	1.6	-2.1	0.4	2.5	8687760	-0.9	
26	676.579	1433.9	-3.1	1.8	-2	-0.5	2.9	8052885	-1.5	
26	676.279	1434.2	-3.7	0.1	-1.7	-1	3.2	7295296	-1.9	
26	675.979	1434.6	-4.1	0.5	-1.3	-2.2	3.2	6522586	-2.6	
26	675.679	1434.7	-4.9	1.4	-0.7	-3.6	2.9	5881320	-2.9	
26	675.379	1434.8	-5.4	0.4	-0.5	-3.8	2.6	5382391	-3.2	
26	675.079	1434.6	-5.7	0.3	-0.1	-5.2	2	5069613	-3.6	
26	674.779	1434.1	-5.6	-0.3	-0.1	-4.2	1.4	4926471	-3.3	
26	674.479	1433.6	-6.3	-1.7	-0.4	-4.6	0.7	4891940	-2.8	
26	674.179	1432.8	-6.2	-1.1	-0.7	-3.8	-0.1	4926471	-2.2	
26	673.879	1432.2	-6.9	-2.5	-1.1	-3	-0.7	5020984	-1	
26	673.579	1432	-7.2	-3.2	-1.7	-2	-0.9	5144349	-0.1	
26	673.279	1431.7	-6.7	-1.8	-2.2	0	-0.9	5300633	1.1	
26	672.979	1431.9	-7.2	-3.4	-2.2	0.5	-0.8	5410207	1.9	
26	672.679	1432	-5.6	-1.7	-2.1	2.4	-0.7	5424223	1.8	
26	672.379	1432.3	-5.9	-1.7	-1.6	2	-0.4	5314087	1.9	
26	672.079	1432.9	-6.1	-1.9	-0.9	2	-0.1	5081918	1.5	
26	671.779	1433.4	-6	-1.6	-0.2	1.7	0.3	4813219	1.1	
26	671.479	1433.9	-6.1	-2	0.3	1.2	0.7	4522139	0.8	
26	671.179	1434.6	-6.5	-3.3	1	0.2	0.9	4246958	-0.2	
26	670.879	1435	-6.2	-2.5	1.5	-1	1	4018714	-1.1	
26	670.579	1435.1	-6.2	-2.3	1.6	-1	1	3827697	-1.9	
26	670.279	1435	-6.6	-2.9	1.3	-3	0.9	3692681	-2.7	
26	669.979	1434.5	-6.5	-2.9	0.6	-3.6	0.8	3609914	-2.9	
26	669.679	1434.2	-6.9	-4.6	0.1	-3.5	0.7	3579060	-3	
26	669.379	1433.8	-7	-4.5	-0.5	-4.2	0.6	3603701	-3.4	
26	669.079	1433.5	-6.1	-3.7	-0.8	-2.9	0.3	3660403	-3.6	
26	668.779	1433.4	-6.6	-4.9	-1.2	-2.9	0	3758977	-3.6	
26	668.479	1433.2	-6	-3.6	-1.5	-2.6	-0.4	3891729	-3.6	
26	668.179	1433.1	-6.9	-4.4	-1.8	-2.8	-0.5	4081384	-2.8	
26	667.879	1433.6	-7.1	-4.6	-1.5	-2.7	-0.4	4325930	-3	
26	667.579	1433.9	-5.8	-3.2	-0.9	-1.6	-0.3	4673549	-3.3	
26	667.279	1433.9	-6.8	-5	-0.5	-2.4	-0.3	5106708	-3.3	
26	666.979	1434	-6.4	-4.6	-0.2	-2	-0.2	5643531	-3.2	
26	666.679	1434.1	-7.5	-5.4	0	-3.2	0.1	6325529	-2.9	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
26	666.379	1434.6	-8	-6.1	0	-2.7	0.7	7244810	-2.6	
26	666.079	1435.2	-7.7	-5.4	0.2	-2.8	1.3	8408635	-2.5	
26	665.779	1435.6	-7.7	-5.9	0.3	-2.3	1.7	9738372	-2.4	
26	665.479	1436	-8.1	-6.3	0.2	-2.8	1.9	11078042	-2.4	
26	665.179	1435.8	-8.4	-6.1	0.1	-3.6	1.6	12102601	-2.2	
26	664.879	1435.3	-8.4	-5.8	0.1	-3.2	1.1	12316177	-2.1	
26	664.579	1434.9	-8.2	-4.7	0	-2.8	0.7	11696928	-2.1	
26	664.279	1434.5	-8.2	-5.3	0	-2.2	0.3	10365099	-2	
26	663.979	1434.3	-9.1	-6	-0.1	-2.4	-0.1	8871822	-1.8	
26	663.679	1434.3	-8.9	-5.2	-0.2	-2.3	-0.3	7558664	-1.7	
26	663.379	1434.1	-8.7	-4.6	-0.2	-1.4	-0.5	6604890	-1.4	
26	663.079	1434.2	-8.4	-3.5	-0.2	-0.7	-0.3	5965100	-1.2	
26	662.779	1434.3	-8.3	-2.9	-0.2	-0.2	0.1	5524407	-1.1	
26	662.479	1434.3	-7.9	-2.2	-0.4	0.5	0.7	5234375	-1	
26	662.179	1434.4	-8.6	-3	-0.7	-0.8	1.4	5094283	-1	
26	661.879	1434.4	-8.6	-2.3	-1	-0.8	2	5069613	-1	
26	661.579	1434.4	-8.9	-2.7	-1.4	-0.8	2.5	5182550	-1.1	
26	661.279	1434.3	-8.9	-2	-1.8	-0.9	2.8	5396263	-1.3	
26	660.979	1433.9	-9.6	-2.4	-2	-1.7	2.7	5689538	-1.2	
26	660.679	1433.5	-9.6	-2.9	-2.5	-1.7	2.6	6016523	-1.3	
26	660.379	1432.9	-9.9	-2.7	-2.7	-2	2.1	6363982	-1.2	
26	660.079	1432.6	-10.4	-4.8	-2.7	-2.4	1.6	6732315	-1.3	
26	659.779	1432.5	-9.3	-3.4	-2.2	-2.1	0.9	7121599	-1.6	
26	659.479	1432.3	-9.3	-3.2	-1.7	-1.5	0.1	7477679	-1.5	
26	659.179	1432.3	-9.4	-3.4	-1.2	-1.8	-0.5	7726015	-1.3	
26	658.879	1432.3	-9.7	-3.6	-0.3	-2.2	-1.1	7812500	-1.2	
26	658.579	1432.3	-9.5	-3	0.4	-1.3	-1.5	7783457	-1	
26	658.279	1432.5	-10	-3.8	1.2	-1.9	-1.8	7669414	-1	
26	657.979	1432.8	-9.9	-3.7	2	-1.1	-1.9	7586051	-0.8	
26	657.679	1433.1	-10.8	-4.2	2.6	-1.5	-2	7531475	-0.6	
26	657.379	1433.2	-9	-2.5	2.6	-0.7	-1.9	7504480	-0.7	
26	657.079	1433.3	-10	-3.1	2.6	-1.4	-1.8	7477679	-0.4	
26	656.779	1433.5	-8.8	-1.8	2.1	-0.9	-1.5	7477679	-0.8	
26	656.479	1433.1	-8.4	-2.3	1.4	0	-1.3	7586051	-1	
26	656.179	1432.9	-8.8	-2.2	0.7	-0.1	-0.8	7871241	-1.1	
26	655.879	1432.8	-8.5	-2.5	0	0.1	-0.2	8308532	-1.4	
26	655.579	1432.4	-9.4	-2.5	-0.8	0.3	0.3	8760460	-1.2	
26	655.279	1432.4	-9.4	-2.3	-1.7	0.8	1	9183114	-0.8	
26	654.979	1432.4	-8.8	-3	-2.5	0.9	1.7	9389014	-0.8	
26	654.679	1432.7	-8.7	-1.9	-2.9	1.6	2.3	9305556	-0.7	
26	654.379	1433.4	-8	-1.6	-3.2	1.6	3	9063853	-1.4	
26	654.079	1433.6	-9.1	-1.6	-3.2	-0.4	3.3	8651860	-1.6	
26	653.779	1433.7	-10.1	-2.1	-3.2	-1.2	3.4	8115310	-1.6	
26	653.479	1433.5	-9.9	-2.2	-3.3	-1.4	3.1	7586051	-2	
26	653.179	1433.1	-11.9	-4.2	-3.1	-2.4	2.5	7049664	-1.5	
26	652.879	1433.1	-11.3	-3.2	-2.8	-1.3	2	6625791	-1.6	
26	652.579	1433.2	-12	-3.6	-2.1	-2.9	1.4	6325529	-2	
26	652.279	1433.3	-11.9	-3.5	-1.3	-2.9	0.7	6140030	-2.1	
26	651.979	1433.7	-13.2	-5	-0.6	-4.7	0.1	6086483	-2.2	
26	651.679	1433.8	-12.3	-4.1	0.1	-3.4	-0.6	6140030	-2.3	
26	651.379	1434.2	-12.1	-3	0.8	-2.9	-0.9	6287538	-2.4	
26	651.079	1434.6	-12.4	-3.5	1.5	-3.3	-1.1	6522586	-2.5	
26	650.779	1435	-12.5	-3.8	2	-2.5	-1	6775890	-2.2	
26	650.479	1435.3	-13.7	-5.3	2.4	-3.5	-0.9	7121599	-1.8	
26	650.179	1435.4	-13.3	-5	2.4	-3.2	-0.9	7477679	-1.9	
26	649.879	1435.1	-13.4	-5.5	2	-3.2	-0.9	7812500	-1.6	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
26	649.579	1434.9	-13.3	-4.7	1.4	-2.2	-0.7	8146887	-1.4	
26	649.279	1435	-13.3	-4.7	1	-2.8	-0.3	8408635	-1.4	
26	648.979	1434.9	-13.2	-4.3	0.5	-2.3	0	8616255	-1.2	
26	648.679	1434.9	-13.2	-4.3	0.3	-2.6	0.1	8760460	-1.3	
26	648.379	1434.8	-12.4	-2.8	0.2	-2	0	8834388	-1.4	
26	648.079	1434.6	-12.7	-3.1	0	-0.9	-0.2	8797269	-1	
26	647.779	1434.7	-11.9	-2	0	-0.7	-0.2	8651860	-1.1	
26	647.479	1434.7	-11.6	-1.2	0.2	0.1	-0.2	8341634	-1.1	
26	647.179	1434.7	-11.7	-2.4	0.2	-0.7	-0.2	7930871	-1.3	
26	646.879	1434.8	-11.5	-2.2	0.4	-0.8	-0.2	7398410	-1.5	
26	646.579	1434.5	-12.1	-2.7	0.3	-1	-0.3	6887336	-1.3	
26	646.279	1434.4	-11.5	-1.8	0.3	-0.6	-0.3	6383384	-1.6	
26	645.979	1434.2	-11.1	-1.6	0	-0.5	-0.1	5931303	-1.8	
26	645.679	1434.3	-11.8	-1.8	-0.4	-1	0.4	5553714	-1.9	
26	645.379	1434.4	-11.3	-1.4	-0.8	-1.1	0.8	5260679	-2.2	
26	645.079	1434.4	-12.2	-1.4	-1.2	-1.8	1.1	5081918	-1.8	
26	644.779	1434.5	-11.3	-2.3	-1.4	-1.4	1.3	5008972	-1.9	
26	644.479	1434.3	-11.1	-1.1	-1.6	-1.6	1.3	5045181	-1.9	
26	644.179	1434.1	-11.6	-2.8	-1.7	-1.4	1.4	5208334	-1.7	
26	643.879	1434	-11.7	-3.3	-1.7	-1.5	1.5	5466710	-1.8	
26	643.579	1433.8	-12.3	-3.5	-1.6	-2.1	1.5	5815972	-1.2	
26	643.279	1433.9	-12.7	-4.2	-1.5	-1.2	1.6	6194527	-0.8	
26	642.979	1434	-13	-3.6	-1.3	-1.9	1.6	6584120	-0.7	
26	642.679	1434.3	-12.9	-3.5	-0.8	-1.1	1.6	6955980	-0.3	
26	642.379	1434.5	-11.9	-3.1	-0.8	-0.7	1.7	7269965	-0.4	
26	642.079	1434.5	-11.4	-2.7	-0.6	-0.7	1.7	7451068	-0.7	
26	641.779	1434.2	-11.8	-3.8	-0.8	-0.5	1.7	7504480	-0.6	
26	641.479	1434	-12.5	-3.4	-1	-2.1	1.7	7372359	-0.8	
26	641.179	1433.6	-11.8	-1.7	-1.2	-1.1	1.6	7195017	-1	
26	640.879	1433.3	-12.7	-2.8	-1.4	-1.5	1.5	7002509	-1	
26	640.579	1432.9	-12.3	-0.4	-1.6	-1.4	1.1	6864754	-1.4	
26	640.279	1432.6	-12	-0.7	-1.7	-1.9	0.7	6754032	-1.7	
26	639.979	1432.7	-11.9	0.1	-1.6	-2.2	0.4	6667994	-1.8	
26	639.679	1432.5	-11.6	0.3	-1.3	-2.8	-0.2	6563480	-2.1	
26	639.379	1432.5	-12.1	1.1	-0.9	-2.9	-0.7	6522586	-2.3	
26	639.079	1432.6	-10.7	1.6	-0.4	-1.5	-1.1	6563480	-2.5	
26	638.779	1432.6	-11.1	1	0	-2.3	-1.5	6667994	-2.4	
26	638.479	1432.5	-11.7	0.7	0.2	-2	-1.7	6842320	-2	
26	638.179	1432.7	-11.6	0.9	0.4	-2.1	-1.7	7002509	-1.9	
26	637.879	1432.9	-10.6	3.1	0.4	-1	-1.5	7121599	-1.6	
26	637.579	1433.2	-11	2.3	0.3	-1	-1.1	7219828	-1.4	
26	637.279	1433.5	-10.5	2.9	0.1	-0.7	-0.6	7295296	-1.2	
26	636.979	1434	-11.2	2.1	-0.1	-0.3	0.1	7320804	-0.7	
26	636.679	1434.2	-10.8	2.5	-0.4	-0.6	0.6	7244810	-0.6	
26	636.379	1434.6	-10.5	2.7	-0.5	-1.1	1.1	7002509	-1.2	
26	636.079	1434.8	-10.6	2.6	-0.7	-0.5	1.7	6625791	-1.2	
26	635.779	1435.2	-10.6	1.8	-0.9	-1.2	2.2	6231399	-1.6	
26	635.479	1435.4	-10.4	2.3	-0.7	-1.5	2.4	5881320	-1.8	
26	635.179	1435.3	-10.8	1.1	-0.8	-2.1	2.4	5568484	-1.8	
26	634.879	1435.4	-10.4	1.2	-0.5	-2.6	2.3	5273930	-2.3	
26	634.579	1435.5	-11	0.7	-0.3	-2.5	2	4985119	-2.3	
26	634.279	1435.4	-10.9	0.6	-0.3	-2.9	1.7	4715653	-2.3	
26	633.979	1435.4	-10	2.1	-0.3	-1.9	1.4	4502689	-1.9	
26	633.679	1435.1	-10.9	0.6	-0.4	-2.2	1.1	4352911	-1	
26	633.379	1435	-10.3	0.8	-0.4	-1.6	0.9	4255590	-0.7	
26	633.079	1434.5	-10.8	1	-0.5	-1.5	0.5	4221271	-0.1	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
26	632.779	1434.2	-10	1.3	-0.4	0.1	0.3	4238361	0.3	
26	632.479	1433.8	-9.6	2.6	-0.6	0.1	0.1	4308128	0.2	
26	632.179	1433.6	-10.5	0.8	-0.8	0	0	4454788	0.4	
26	631.879	1433.8	-9.7	1.4	-0.5	0.2	-0.1	4673549	0	
26	631.579	1434	-9.4	2.2	-0.4	-0.7	-0.1	4949764	-0.5	
26	631.279	1434	-8.7	3	-0.4	0.4	-0.2	5300633	-0.9	
26	630.979	1433.9	-8.3	4	-0.5	-0.9	-0.3	5689538	-1.6	
26	630.679	1433.5	-8.4	4.3	-0.6	-0.8	-0.4	6122076	-1.9	
26	630.379	1433.3	-8.9	4.1	-0.6	-1.8	-0.4	6502329	-2.2	
26	630.079	1433.1	-8.5	4.4	-0.5	-1.9	-0.5	6820033	-2.4	
26	629.779	1433.2	-9.1	2.8	-0.4	-2.4	-0.4	7097458	-2.6	
26	629.479	1433.4	-8.9	2.5	-0.2	-3	-0.5	7244810	-3.1	
26	629.179	1433.7	-8.4	3.4	-0.2	-2.8	-0.5	7269965	-3.2	
26	628.879	1434.2	-9	3.5	0.1	-3.6	-0.5	7170377	-3.2	
26	628.579	1434.4	-7.6	4.2	0.2	-2.5	-0.7	6955980	-3.2	
26	628.279	1434.4	-8.3	4.4	0.4	-2.8	-0.7	6667994	-2.6	
26	627.979	1434.4	-8.5	3.8	0.5	-2	-0.7	6383384	-2.2	
26	627.679	1434.4	-8.3	3.7	0.5	-1.8	-0.6	6086483	-2	
26	627.379	1434.3	-8.1	3.8	0.2	-0.4	-0.5	5832173	-1.5	
26	627.079	1434.4	-8.4	3.2	0	-0.3	-0.3	5628360	-1.2	
26	626.779	1434.8	-8.1	4	-0.1	0.1	0.1	5481021	-0.8	
26	626.479	1435.2	-8.4	2.3	-0.5	0.7	0.7	5410207	-0.4	
26	626.179	1435.8	-8.3	2.8	-0.6	0	1.4	5368590	-0.5	
26	625.879	1436	-7.7	4	-0.9	1	1.9	5396263	-0.4	
26	625.579	1436	-8.5	3.1	-1.4	0	2.4	5509869	-0.6	
26	625.279	1435.9	-8.5	2.1	-1.8	-0.1	2.8	5674120	-0.6	
26	624.979	1435.9	-9.2	1.8	-2	-0.6	3.2	5897888	-0.4	
26	624.679	1435.9	-9.7	0.8	-2.4	-1.2	3.6	6158088	-0.8	
26	624.379	1435.9	-9.6	1.6	-2.5	-1.6	3.7	6442308	-1	
26	624.079	1435.7	-10	0.8	-2.6	-1.9	3.5	6710737	-1.2	
26	623.779	1435.6	-10	0.5	-2.5	-1.4	3.1	6932947	-1.4	
26	623.479	1435.6	-9.9	0.7	-2.1	-2.5	2.6	7097458	-1.5	
26	623.179	1435.6	-9.7	0.9	-1.4	-1.2	2	7145905	-1.7	
26	622.879	1435.5	-9.7	0.7	-0.9	-1.8	1.4	7073480	-1.6	
26	622.579	1435.2	-9.9	0.9	-0.5	-1.3	0.8	6932947	-1.6	
26	622.279	1434.9	-10.3	0.1	0.1	-1.5	0.1	6732315	-1.9	
26	621.979	1434.6	-9.8	1.2	0.5	-1.4	-0.5	6522586	-2.1	
26	621.679	1434.4	-10.2	0.7	0.8	-1.4	-0.8	6287538	-2.2	
26	621.379	1434.2	-11.6	-1.6	1.1	-3.2	-1.1	6086483	-2.6	
26	621.079	1434.1	-10	0.9	0.9	-1.8	-1.1	5881320	-2.7	
26	620.779	1434	-11.8	-1.5	0.6	-4.1	-1.1	5689538	-2.8	
26	620.479	1434.1	-10.5	0.3	0.5	-2.6	-0.9	5509869	-2.9	
26	620.179	1433.8	-11.2	-1.2	0	-2.4	-0.8	5354860	-2.2	
26	619.879	1433.5	-11.6	-2	-0.4	-2.9	-0.8	5195410	-1.9	
26	619.579	1433.3	-11.3	-0.8	-0.5	-1.9	-0.8	5057367	-1.4	
26	619.279	1433.1	-11.9	-2.2	-0.8	-2	-0.8	4926471	-0.8	
26	618.979	1432.9	-11.9	-2.5	-0.8	-0.2	-0.7	4813219	-0.3	
26	618.679	1433	-11.9	-3.2	-0.6	-0.7	-0.6	4715653	0.2	
26	618.379	1433.4	-11.2	-2.9	-0.3	0.8	-0.4	4601649	-0.2	
26	618.079	1433.5	-11.8	-3.4	-0.1	-0.3	-0.3	4493026	-0.1	
26	617.779	1434.1	-12.1	-3.2	0.4	-0.7	0.1	4380230	-0.3	
26	617.479	1434.5	-10.9	-2.4	0.9	-0.3	0.4	4281698	-1.3	
26	617.179	1434.7	-11.8	-2.7	0.9	-1.6	0.7	4195892	-1.7	
26	616.879	1435	-11.1	-2.2	0.9	-1.6	1.1	4113458	-2.6	
26	616.579	1434.7	-12.3	-3.9	0.6	-3	1.1	4049807	-2.8	
26	616.279	1434.4	-12	-3	-0.4	-3.1	1.4	4026443	-3	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
26	615.979	1434.2	-12.6	-5	-1	-4.3	1.5	4057655	-3.4	
26	615.679	1433.7	-12.6	-4.3	-1.6	-3.8	1.4	4129685	-3.4	
26	615.379	1433.4	-12.1	-3.6	-2.3	-3.5	1.3	4246958	-3.9	
26	615.079	1433	-12.1	-3.8	-2.8	-3.8	1	4417194	-3.9	
26	614.779	1432.9	-12.5	-4.4	-2.8	-3.9	0.8	4663141	-3.8	
26	614.479	1432.9	-12.2	-3.8	-2.6	-4	0.5	4997017	-3.8	
26	614.179	1433.2	-12.3	-4.2	-2.1	-2.9	0.4	5424223	-3.4	
26	613.879	1433.7	-12	-3.6	-1.3	-3	0.4	5897888	-3.4	
26	613.579	1434	-12.2	-3.9	-0.8	-2.2	0.4	6383384	-2.6	
26	613.279	1434.3	-12.6	-4.9	-0.3	-1.8	0.7	6842320	-1.8	
26	612.979	1434.7	-12.9	-4.4	0.3	-2	0.8	7195017	-1.3	
26	612.679	1435.1	-13.5	-5	0.9	-1.5	0.9	7398410	-0.4	
26	612.379	1435.2	-13	-3.8	0.9	-0.6	1	7451068	0	
26	612.079	1435.1	-12.9	-3.2	0.7	-0.1	1	7295296	0.5	
26	611.779	1435	-13.3	-3.7	0.2	-0.1	1.1	7002509	1	
26	611.479	1434.8	-12.7	-2.7	-0.5	0.3	1	6667994	0.9	
26	611.179	1434.6	-12.5	-2.5	-1	0.2	1	6287538	0.8	
26	610.879	1434.1	-12.5	-2.6	-1.6	0.5	0.9	5914548	0.8	
26	610.579	1433.8	-12.2	-2.5	-2	0.6	0.8	5568484	0.5	
26	610.279	1433.6	-12.6	-2.9	-2.2	0.2	0.7	5260679	0.4	
26	609.979	1433.7	-12.3	-2.4	-2.2	-0.1	0.7	4985119	-0.1	
26	609.679	1433.9	-12.3	-2	-1.7	-1	0.7	4705057	-0.6	
26	609.379	1434.2	-12.1	-2.3	-1.3	-0.6	0.6	4454788	-0.9	
26	609.079	1434.8	-12.3	-2.1	-0.5	-1.9	0.5	4212777	-1.3	
26	608.779	1435.1	-11.5	0.1	0.1	-1.2	0.4	4003346	-1.4	
26	608.479	1435.2	-11.8	-1.8	0.5	-1.4	0.4	3834707	-1.4	
26	608.179	1435.3	-11.7	0.1	0.7	-1.9	0.4	3705753	-1.6	
26	607.879	1435.2	-11.2	-0.7	0.7	-1.1	0.5	3609914	-1.7	
26	607.579	1435.2	-11.6	-0.4	0.6	-2.1	0.5	3560800	-2.1	
26	607.279	1434.8	-10.9	0.7	0.2	-1.7	0.5	3554754	-2.1	
26	606.979	1434.8	-11.6	-0.3	-0.1	-2.1	0.7	3585189	-1.8	
26	606.679	1434.8	-10.7	1.2	-0.6	-1.3	0.9	3654014	-2.1	
26	606.379	1434.7	-10.8	1.1	-1	-1.6	1	3738840	-2.2	
26	606.079	1434.6	-11.1	0.8	-1.3	-2.1	1	3863008	-2.3	
26	605.779	1434.6	-10.6	0.6	-1.4	-1.7	1	4011016	-2.4	
26	605.479	1434.5	-11	0.8	-1.4	-2.1	1	4162525	-2.2	
26	605.179	1434.5	-10.8	1.3	-1.4	-2.3	0.9	4334886	-2.7	
26	604.879	1434.3	-10.3	0.6	-1	-2.5	0.7	4493026	-2.9	
26	604.579	1434.2	-10.4	1.4	-0.9	-2.2	0.6	4652778	-2.8	
26	604.279	1434.1	-10.7	0.4	-0.8	-2.8	0.4	4791190	-2.5	
26	603.979	1434.3	-11.3	1	-0.3	-3.1	0.4	4926471	-1.9	
26	603.679	1434.5	-10.7	1.3	0	-2.4	0.4	5081918	-2	
26	603.379	1434.6	-10.9	1.7	0.4	-2.9	0.4	5247494	-1.5	
26	603.079	1434.6	-10.9	1.7	0.5	-2.2	0.5	5466710	-0.8	
26	602.779	1434.7	-10.8	1.3	0.5	-2	0.6	5720629	-0.4	
26	602.479	1434.5	-10.5	1.6	0.4	-1.6	0.6	5999284	0.3	
26	602.179	1434.3	-10.4	2.1	0	-0.8	0.7	6287538	0.8	
26	601.879	1434.2	-10	2.2	0	-0.2	0.7	6584120	0.9	
26	601.579	1433.7	-9.4	2.9	-0.7	1.2	0.7	6887336	1.5	
26	601.279	1433.6	-9.5	2.5	-1.1	1	0.8	7170377	1.6	
26	600.979	1433.1	-8.3	3.9	-1.8	2.3	1	7424646	1.7	
26	600.679	1432.7	-7.9	4.7	-2.3	2.7	1.1	7586051	1.3	
26	600.379	1432.8	-7.6	5.3	-2.4	1.9	1.3	7613637	0.3	
26	600.079	1432.7	-6.9	6.6	-2.5	1.3	1.4	7558664	-0.5	
26	599.779	1433	-7.1	5.9	-2.3	1	1.7	7424646	-1.2	
26	599.479	1432.9	-7	5.9	-2.2	-0.1	1.7	7244810	-1.9	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
26	599.179	1433.1	-6.9	6.4	-2	-0.9	1.9	6979167	-2.5	
26	598.879	1433.2	-7.1	5.6	-1.9	-1.4	1.9	6667994	-3.3	
26	598.579	1433.2	-6.8	5.7	-1.3	-3	1.7	6306476	-3.9	
26	598.279	1433.2	-7.6	4.9	-1	-3.8	1.5	5931303	-4.3	
26	597.979	1433.2	-7.7	4.5	-0.9	-4.5	1.2	5598262	-4.7	
26	597.679	1433.1	-6.9	5.7	-0.6	-4.2	0.9	5314087	-4.7	
26	597.379	1432.9	-8.3	4	-0.6	-5.6	0.5	5057367	-4.7	
26	597.079	1432.7	-7.5	4.8	-0.5	-4.4	0.2	4835451	-4.7	
26	596.779	1432.7	-7.5	4.6	-0.3	-4.5	0	4663141	-4.7	
26	596.479	1432.8	-8.4	3.9	0	-5	-0.2	4531927	-4.7	
26	596.179	1432.6	-7.2	4.3	0	-3.8	-0.4	4426533	-4.5	
26	595.879	1432.7	-8.2	3.6	0.2	-3.8	-0.5	4334886	-4.2	
26	595.579	1433	-8.1	3.6	0.5	-3.6	-0.5	4255590	-4.1	
26	595.279	1432.9	-7.9	3.3	0.6	-3.9	-0.7	4179142	-4	
26	594.979	1432.9	-7.7	3.9	0.7	-2.4	-0.7	4113458	-3.7	
26	594.679	1433	-8.5	2.4	0.8	-3.5	-0.8	4049807	-3.4	
26	594.379	1432.8	-8.5	3.1	0.6	-2.5	-0.8	3995706	-2.4	
26	594.079	1432.8	-9	1.7	0.5	-2.2	-0.8	3950472	-2	
26	593.779	1432.7	-8.9	1.9	0.7	-2.4	-0.9	3928237	-1.6	
26	593.479	1432.7	-9.7	1.4	0.8	-2.1	-0.9	3950472	-0.9	
26	593.179	1432.7	-9.5	1.1	0.6	-1.6	-0.9	4018714	-0.6	
26	592.879	1432.9	-9	2	0.9	-1.4	-0.9	4129685	-0.4	
26	592.579	1433	-9.7	1.1	1	-1.4	-0.8	4299282	0.1	
26	592.279	1433.2	-9.2	1.1	0.9	-0.8	-0.6	4502689	0.3	
26	591.979	1433.3	-9.3	1.1	1.1	-1.1	-0.5	4758523	0.4	
26	591.679	1433.3	-9.2	1.5	0.9	-1.1	-0.3	5045181	0.6	
26	591.379	1433.2	-9.1	2.2	0.9	-1.4	-0.2	5368590	0.4	
26	591.079	1433	-8.8	1.9	0.7	-0.9	0	5705041	0.4	
26	590.779	1433	-8.9	2	0.4	-1.6	0.3	6051301	0.3	
26	590.479	1432.9	-8	2.9	-0.1	-1.9	0.7	6402905	0.1	
26	590.179	1432.7	-8.7	2.1	-0.5	-2.5	0.9	6754032	0.1	
26	589.879	1432.8	-7.7	2.8	-1	-2.2	1.2	7097458	-0.1	
26	589.579	1432.6	-7	3.4	-1.6	-1.9	1.4	7477679	-0.3	
26	589.279	1432.5	-6	4	-2.2	-1.3	1.7	7841760	-0.3	
26	588.979	1432.3	-5.7	3.7	-2.7	-1.1	1.9	8275692	-0.1	
26	588.679	1432	-5.3	4.2	-3.4	-0.8	2.2	8760460	0.3	
26	588.379	1432	-4.5	3.8	-3.8	-0.3	2.5	9183114	0.4	
26	588.079	1431.7	-3	4.9	-4	0.6	2.5	9560502	0.5	
26	587.779	1431.7	-2.5	5.1	-4	1.4	2.5	9829812	0.7	
26	587.479	1432	-2	4.9	-3.8	1.6	2.5	9970238	0.7	
26	587.179	1432.2	-1.5	5.6	-3.6	1.2	2.4	9922986	0.7	
26	586.879	1432.7	-0.9	6.1	-3	1	2.3	9693287	0.5	
26	586.579	1433	-0.3	6.6	-2.6	1.2	2.2	9389014	0.3	
26	586.279	1433.3	0.3	7.4	-2.1	1.4	2.1	8947650	0.1	
26	585.979	1433.5	1.4	8.2	-1.7	1.3	2	8442541	-0.4	
26	585.679	1433.5	1.8	9.4	-1.2	0.5	1.9	7961027	-1.3	
26	585.379	1433.7	2.3	10	-0.8	0.1	1.9	7586051	-2.1	
26	585.079	1433.8	2	8.9	-0.3	-1	1.7	7195017	-3	
26	584.779	1434.2	3	11.3	0.3	-1.6	1.5	6887336	-4	
26	584.479	1434.3	3.2	10.7	0.4	-2.3	1.3	6646826	-4.6	
26	584.179	1434.5	3.3	10.8	0.8	-2.8	1	6522586	-5.1	
26	583.879	1434.6	3.3	11.7	1	-3.9	0.7	6502329	-5.8	
26	583.579	1434.3	3.8	11	1.1	-4.3	0.1	6502329	-6.5	
26	583.279	1433.9	3.1	11.3	1.2	-5.3	-0.5	6542969	-6.9	
26	582.979	1433.5	2.7	10.8	1.1	-5.7	-0.9	6584120	-6.7	
26	582.679	1432.8	2	9.9	0.7	-5.6	-1.4	6625791	-6.3	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
26	582.379	1432.6	2.6	10.3	0.5	-5.1	-1.6	6710737	-6	
26	582.079	1432.4	2.7	11.2	0.5	-4.4	-1.8	6820033	-5.4	
26	581.779	1432.4	2.4	10.9	0.4	-3.8	-1.8	6864754	-4.8	
26	581.479	1432.4	2.5	11.5	0.4	-3.1	-1.8	6842320	-4.3	
26	581.179	1432.6	1.9	10.8	0.5	-3.6	-1.5	6732315	-3.7	
26	580.879	1432.8	1.1	10.8	0.5	-3.1	-1.1	6584120	-2.8	
26	580.579	1433	1	10.5	0.6	-2.2	-0.8	6402905	-2.3	
26	580.279	1433.2	0.6	9.6	0.8	-1.3	-0.4	6212908	-1.8	
26	579.979	1433.2	0.4	10.1	0.6	-1.3	-0.1	6016523	-1.2	
26	579.679	1433.2	0.2	9.4	0.3	-0.8	0.2	5799862	-0.4	
26	579.379	1433.2	-0.5	8.8	0.1	-1	0.4	5613271	0.4	
26	579.079	1433.1	-0.6	8.6	-0.1	-0.8	0.5	5509869	1.1	
26	578.779	1432.8	-0.2	8.9	-0.5	0.3	0.5	5495407	1.8	
26	578.479	1432.9	-0.3	8.5	-0.6	1.5	0.6	5598262	2.1	
26	578.179	1432.9	-0.9	8	-0.8	0.4	0.6	5848464	1.9	
26	577.879	1432.9	-1.8	6.2	-0.8	-0.3	0.6	6231399	1.7	
26	577.579	1432.9	-1.5	7.2	-0.8	-0.2	0.6	6775890	1.2	
26	577.279	1433	-1.5	6.2	-0.6	-1.2	0.6	7558664	-0.1	
26	576.979	1433	-0.7	6.3	-0.6	-0.5	0.7	8580943	-1.1	
26	576.679	1433	0	6	-0.4	-1.5	0.7	9922986	-2.5	
26	576.379	1433.1	0.7	6.4	-0.1	-2.2	0.9	11567680	-3.9	
26	576.079	1433.1	-0.4	4.9	-0.4	-4	1	13508065	-4.9	
26	575.779	1433.2	0.3	4.8	-0.2	-3.8	1	15509259	-5.6	
26	575.479	1432.9	-0.3	2.7	-0.5	-3.5	0.8	17447917	-5.3	
26	575.179	1433	-0.6	1.9	-0.5	-3.5	0.8	19386574	-4.7	
26	574.879	1432.8	-0.9	1.1	-0.6	-2.9	0.6		-3.9	
26	574.579	1432.6	-2	-0.5	-0.6	-3.1	0.3		-2.6	
26	574.279	1432.2	-1.3	-0.4	-0.6	-2.7	-0.2		-2.1	
26	573.979	1431.8	-1.8	-1.5	-0.7	-2.1	-0.7		-1	
26	573.679	1432	-2.4	-2.7	-0.4	-0.9	-0.9		0	
26	573.379	1432	-2.2	-3.6	-0.4	-0.4	-1.1		0.4	
26	573.079	1432.2	-2.3	-4.1	-0.3	0.7	-1.1		0.7	
26	572.779	1432.5	-2.2	-4.5	-0.2	0.1	-1.1		0.5	
26	572.479	1432.6	-2.4	-4.4	0	0.1	-1.2		0.4	
26	572.179	1432.8	-2.3	-5.3	-0.1	1.3	-1.1		0.3	
26	571.879	1433.1	-1.3	-4.5	-0.1	1	-0.7		-0.5	
26	571.579	1433.2	-2.1	-5.4	-0.2	-0.1	-0.2	18366228	-0.8	
26	571.279	1433.5	-2.6	-5.9	-0.3	-0.4	0.3	14340754	-1.1	
26	570.979	1433.8	-3.1	-6.9	-0.4	-1	0.7	11829096	-1.4	
26	570.679	1434.3	-4.3	-7.4	-0.4	-2.3	1.2	10213415	-1.3	
26	570.379	1434.7	-2.9	-5.6	-0.5	-1.7	1.7	9103261	-1.5	
26	570.079	1434.9	-3.3	-5.3	-0.5	-2.3	2	8375000	-1.5	
26	569.779	1435.4	-4.7	-7.3	-0.6	-3	2.5	7930871	-1.4	
26	569.479	1435.6	-4.3	-7	-0.7	-3.8	2.6	7783457	-1.4	
26	569.179	1435.4	-3.8	-6.2	-0.6	-3.3	2.4	7871241	-1.4	
26	568.879	1435	-4.3	-6.8	-0.8	-3.1	2	8146887	-1.3	
26	568.579	1435	-4.9	-6.8	-0.5	-3.7	1.5	8545919	-1.1	
26	568.279	1434.7	-4.2	-5.3	-0.5	-2	0.9	9063853	-0.9	
26	567.979	1434.5	-3.2	-4.2	-0.5	-1.9	0.3	9738372	-0.8	
26	567.679	1434.3	-2.6	-3.2	-0.3	-1.4	-0.2	10468750	-0.6	
26	567.379	1434.3	-3.9	-4.3	-0.1	-1.1	-0.7	11256721	-0.4	
26	567.079	1434.3	-2.5	-2.7	0	-0.4	-0.9	12172965	-0.3	
26	566.779	1434	-1.7	-1.2	0.2	0	-1	13168239	-0.1	
26	566.479	1434	-2.3	-1.7	0.3	-0.7	-0.8	14052014	-0.1	
26	566.179	1434.2	-1.5	-1.3	0.5	0.2	-0.5	14955357	-0.3	
26	565.879	1434.4	-1.8	-1.5	0.6	-0.2	0	15742481	0	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
26	565.579	1434.6	-1.3	-0.4	0.7	-0.7	0.4	16357422	-0.1	
26	565.279	1434.6	-0.3	1.5	0.7	-0.2	0.7	16230620	0	
26	564.979	1434.7	-1.7	-0.2	0.6	-0.8	0.8	15509259	0.1	
26	564.679	1434.8	-0.6	0.9	0.5	-0.8	0.7	14146960	0	
26	564.379	1434.3	0.2	0.9	0.2	-0.4	0.4	12172965	0	
26	564.079	1434	1	1	-0.1	0.3	0.1	10163835	-0.2	
26	563.779	1433.4	1	0.3	-0.6	0	-0.3	8442541	-0.2	
26	563.479	1432.9	1	1.4	-0.8	0.7	-0.6	7121599	0.1	
26	563.179	1432.5	1.8	1.5	-1	0.9	-0.9	6158088	0.1	
26	562.879	1432.1	2.5	2.8	-1.1	0.9	-1.1	5466710	0	
26	562.579	1432.4	2.3	2.9	-1	1.9	-0.9	4961493	-0.3	
26	562.279	1432.9	3	3.9	-0.9	1.6	-0.4	4601649	-0.8	
26	561.979	1433.3	3	5	-0.7	0.9	0.2	4361980	-1	
26	561.679	1433.9	3.3	4.6	-0.5	0.4	0.9	4246958	-1.5	
26	561.379	1434.4	3.1	4.9	-0.3	-0.8	1.4	4246958	-2.1	
26	561.079	1434.3	2.6	5	-0.4	-1.3	1.6	4343880	-2.4	
26	560.779	1434.3	3.2	5.4	-0.3	-1.8	1.7	4522139	-3	
26	560.479	1434	3.4	5.7	-0.4	-1.9	1.7	4802179	-3.5	
26	560.179	1433.9	1.9	4.1	-0.5	-3.2	1.6	5195410	-3.7	
26	559.879	1433.7	1.9	4.3	-0.7	-3.1	1.3	5689538	-3.9	
26	559.579	1433.4	1.9	4.2	-0.5	-3.3	0.7	6383384	-4	
26	559.279	1433.1	1.8	3.1	-0.5	-3.6	0.1	7295296	-4.1	
26	558.979	1433.2	2.5	4.6	-0.1	-3.2	-0.4	8442541	-4.4	
26	558.679	1433.2	2	4.6	0.5	-2.7	-0.7	9829812	-4.5	
26	558.379	1433.3	2.3	5.4	0.9	-3.4	-0.8	11441257	-4.7	
26	558.079	1433.2	1.1	5.4	1.4	-4.6	-1	13168239	-4.5	
26	557.779	1433.2	0.6	3.5	1.2	-3.8	-0.9	14955357	-4.1	
26	557.479	1433.3	-0.8	2.5	1.2	-5.1	-0.8	16750000	-4	
26	557.179	1433.1	-0.6	4.1	1	-4.2	-0.8	18366228	-3.7	
26	556.879	1433.1	-0.7	3.6	0.6	-4.2	-0.6		-3.5	
26	556.579	1432.9	-0.5	3.3	0	-4	-0.3		-3.1	
26	556.279	1432.5	-2.2	2.1	-0.8	-4.2	0		-2.2	
26	555.979	1432.1	-1.1	3.8	-1.8	-2.9	0.3		-1.9	
26	555.679	1431.7	-1	3.2	-2.3	-1.7	0.5		-1.5	
26	555.379	1431.9	-1.2	2	-2.4	-1.1	0.9		-1.3	
26	555.079	1432.1	-1.2	1.4	-2.8	-0.4	1.4		-1.3	
26	554.779	1432.3	-2.1	1.8	-2.9	-0.8	1.9		-0.9	
26	554.479	1433	-1.7	0.8	-3	-0.8	2.7		-1.1	
26	554.179	1433.2	-1.7	0	-3.2	-1.2	3.2		-1.4	
26	553.879	1433.5	-2.4	-0.1	-2.9	-1.1	3.5		-1.4	
26	553.579	1433.9	-2.4	-0.9	-2.5	-1.3	3.7	-1.9E+07	-1.4	
26	553.279	1433.8	-2.7	-0.9	-2.4	-1.9	3.5	-1.7E+07	-1.1	
26	552.979	1433.6	-3.3	-2	-2.5	-1.9	3.2	-1.6E+07	-0.7	
26	552.679	1433.7	-3.5	-3.2	-2.3	-2	2.8	-1.5E+07	-0.6	
26	552.379	1433.6	-3.9	-2.2	-2	-2	2.1	-1.4E+07	-0.5	
26	552.079	1433.5	-3.4	-2.8	-1.7	-1.5	1.4	-1.3E+07	-0.4	
26	551.779	1433.4	-3.3	-3.5	-0.9	-1.6	0.6	-1.2E+07	-0.4	
26	551.479	1433.3	-3.3	-4.3	-0.2	-0.9	-0.2	-1.1E+07	-0.2	
26	551.179	1433.4	-3.8	-4.8	0.5	-1.1	-0.8	-1E+07	-0.2	
26	550.879	1433.6	-2.9	-3.9	1.1	-0.2	-1.2	-9560502	-0.3	
26	550.579	1433.8	-3	-4.8	1.6	0.1	-1.5	-9024785	-0.3	
26	550.279	1434.4	-3	-5.5	2.2	-0.6	-1.6	-8687760	-0.5	
26	549.979	1434.7	-2.7	-5	2.3	-0.1	-1.5	-8476721	-0.6	
26	549.679	1434.7	-2.9	-5.9	2.1	-0.5	-1.5	-8408635	-0.6	
26	549.379	1434.2	-2.4	-5.4	1.6	-0.7	-1.5	-8580943	-0.6	
26	549.079	1433.8	-2.8	-6.1	1.2	-1.3	-1.5	-9063853	-0.5	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
26	548.779	1433.6	-3.4	-6.5	0.9	-1.5	-1.5	-9922986	-0.4	
26	548.479	1433.6	-3.2	-5.8	0.8	-1.5	-1.5	-1.1E+07	-0.1	
26	548.179	1433.8	-3.5	-6.7	0.8	-1.7	-1.5	-1.3E+07	0.2	
26	547.879	1434	-2.4	-5.8	0.8	-0.8	-1.6	-1.6E+07	0.3	
26	547.579	1434.3	-2.5	-4.4	1	-0.6	-1.7		0.7	
26	547.279	1434.7	-2.5	-4.4	1.5	-0.9	-1.8		0.7	
26	546.979	1434.8	-1.3	-3.2	2.2	0	-2		0.5	
26	546.679	1434.8	-0.7	-2.5	2.4	0.7	-2.1		0.6	
26	546.379	1434.9	-0.7	-3.2	2.7	1	-2.2		0.6	
26	546.079	1435.1	-0.8	-2.8	2.8	1.2	-2.2		1	
26	545.779	1435.3	-0.1	-2.4	2.6	2	-2		1.1	
26	545.479	1435.2	0.3	-0.8	2.4	1.6	-1.9	19567757	1.4	
26	545.179	1435.2	0.3	-0.3	2	1.8	-1.9	17161885	1.7	
26	544.879	1435.2	1.2	2	1.5	2.6	-1.8	16486221	1.8	
26	544.579	1435	0.8	1.4	1.1	1.8	-1.8	17161885	2.2	
26	544.279	1435.2	1.2	1.9	1.1	2.2	-1.6	19940476	2	
26	543.979	1435.2	1.2	1.7	1	2	-1.6		1.9	
26	543.679	1435.4	1.2	3.4	1.1	2	-1.6		2	
26	543.379	1435.5	1.5	2.6	1.2	1.4	-1.8		1.5	
26	543.079	1435.5	2.7	3.7	1.5	2.5	-1.9		1.3	
26	542.779	1435.9	2.9	4.1	2	2.8	-1.8		1.1	
26	542.479	1436.2	3.2	4.4	2.5	2.3	-1.7		0.9	
26	542.179	1436.5	3.6	5.7	3	2.6	-1.4	-1.8E+07	0.7	
26	541.879	1436.7	2.8	4.5	3.1	2	-1.1	-1.7E+07	0.2	
26	541.579	1436.8	3	4.7	3.1	1.2	-0.8	-1.7E+07	-0.5	
26	541.279	1436.7	3.2	5.6	2.8	1.7	-0.4	-1.8E+07	-1	
26	540.979	1436.9	3.3	5.7	2.5	0.5	0.1		-2.1	
26	540.679	1436.6	2.6	5.3	2	-1	0.4		-2.8	
26	540.379	1436.2	2.2	5.5	1.1	-2.2	0.8		-3.4	
26	540.079	1435.7	2.4	5.9	0.2	-2.6	1		-4.2	
26	539.779	1434.8	2.7	6.6	-1	-2.9	1.1		-4.5	
26	539.479	1434.2	0.9	4.3	-1.8	-4.3	1.2		-4.6	
26	539.179	1433.7	1.4	4.7	-2.7	-3.7	1.4		-4.6	
26	538.879	1433.2	-0.2	3.1	-3.5	-4.9	1.6		-4	
26	538.579	1433.1	-0.1	3.7	-4	-4.1	1.8		-3.7	
26	538.279	1432.9	-1.1	1.8	-4	-4.7	1.8		-3.4	
26	537.979	1432.7	-0.8	2.2	-4	-3.2	2		-2.5	
26	537.679	1432.8	-1.5	1.5	-4	-2.8	2.2		-1.9	
26	537.379	1432.9	-1.3	1.4	-3.7	-2	2.5	18528761	-1.2	
26	537.079	1433	-1.6	1.3	-3.5	-1.4	2.7	16750000	-0.9	
26	536.779	1433.2	-2	0.4	-3.3	-1.7	2.8	15172102	-1.3	
26	536.479	1433.4	-1.8	1	-2.9	-0.7	2.8	13865894	-1.2	
26	536.179	1433.6	-2.8	0.6	-2.7	-2.6	2.8	12689394	-1.2	
26	535.879	1433.6	-2.2	1	-2.6	-1	2.7	11696928	-1.3	
26	535.579	1433.3	-2.5	1	-2.6	-1.3	2.6	10792526	-1	
26	535.279	1433.4	-3.5	-1.1	-2.4	-1.5	2.4	9922986	-0.8	
26	534.979	1433.4	-3.7	-1.2	-2	-2	1.9	8986052	-0.8	
26	534.679	1433.3	-3	-0.5	-1.6	-0.9	1.4	8115310	-0.5	
26	534.379	1433.6	-4.6	-3.3	-1.2	-1.6	1	7295296	0	
26	534.079	1433.8	-4.4	-3.7	-0.5	-1	0.5	6584120	0.4	
26	533.779	1433.9	-2.8	-2.1	-0.3	1.3	0.3	5914548	1	
26	533.479	1434	-3.8	-3	0.3	0.3	-0.1	5300633	1.3	
26	533.179	1433.9	-3.6	-3.5	0.6	1.1	-0.3	4747733	1.9	
26	532.879	1434.1	-4.2	-4.5	0.7	1.6	-0.3	4281698	2.4	
26	532.579	1434.1	-3.7	-4	0.6	2.3	-0.2	3913552	2.6	
26	532.279	1434.1	-3.6	-4.8	0.4	1.8	0	3609914	2.8	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
26	531.979	1434.3	-4	-4.8	0.1	2.3	0.4	3371579	2.8	
26	531.679	1434.3	-4.1	-5.3	-0.5	2.2	0.7	3181991	2.7	
26	531.379	1434.3	-3.3	-4.5	-0.7	1.6	0.9	3038825	2.7	
26	531.079	1434.1	-3.4	-4.6	-1	1.6	1	2940661	2.4	
26	530.779	1433.9	-3	-4.5	-0.9	1.7	1	2887932	2.3	
26	530.479	1433.9	-3.3	-6	-0.8	1.4	1	2864228	2.1	
26	530.179	1434	-3	-5.9	-0.3	0.6	0.8	2883954	1.2	
26	529.879	1434	-2.1	-5.3	0.1	0.9	0.6	2936536	0.8	
26	529.579	1434	-2.5	-6.1	0.3	1	0.4	3025651	0.7	
26	529.279	1434.3	-2.7	-5.5	0.5	0.2	0.4	3148497	0.3	
26	528.979	1434.3	-1.7	-4.7	0.6	0.3	0.3	3307662	-0.1	
26	528.679	1434.2	-1.4	-4.6	0.8	0.2	0.1	3507119	-0.4	
26	528.379	1433.7	-1.2	-4.5	0.6	0	-0.2	3738840	-0.6	
26	528.079	1433.4	-1	-3.6	0.3	-0.1	-0.3	3972961	-0.6	
26	527.779	1433	-1.1	-3.3	0	0	-0.6	4195892	-0.7	
26	527.479	1432.6	-0.7	-3.1	-0.5	-0.2	-0.7	4389413	-0.4	
26	527.179	1432.4	-1.6	-4.3	-0.9	-1	-0.6	4551631	-0.2	
26	526.879	1432.5	-1.1	-2	-1	-0.7	-0.7	4663141	-0.7	
26	526.579	1432.5	-0.8	-2.2	-1	-1.2	-0.8	4758523	-0.9	
26	526.279	1432.6	-0.5	-0.3	-0.9	-1.2	-0.8	4835451	-0.8	
26	525.979	1432.7	-0.6	-0.5	-0.5	-1.3	-0.8	4938090	-0.8	
26	525.679	1432.9	0.3	1.4	-0.3	-0.7	-0.5	5069613	-0.6	
26	525.379	1433.2	-0.6	0.2	0.1	-1.2	-0.2	5260679	-0.6	
26	525.079	1433.7	0.3	1.8	0.5	-1.1	0.3	5509869	-1.1	
26	524.779	1433.8	0.9	2.2	0.3	-0.9	0.7	5799862	-1.5	
26	524.479	1434.1	0.5	2.1	0.1	-1.5	1.1	6122076	-1.8	
26	524.179	1434.2	0.7	2.7	-0.2	-1.8	1.5	6482198	-2.2	
26	523.879	1434.3	1.2	3	-0.6	-1	2	6842320	-2.3	
26	523.579	1434.3	1.1	3.9	-1.3	-1.1	2.5	7219828	-2.7	
26	523.279	1434	1.8	4	-1.9	-1.5	2.8	7531475	-2.8	
26	522.979	1433.6	1	3.5	-2.5	-1.7	2.9	7754630	-2.8	
26	522.679	1433.3	1.4	4.9	-2.7	-2.2	2.8	7930871	-3.2	
26	522.379	1433.2	2.3	6	-2.5	-1.8	2.8	8115310	-3.4	
26	522.079	1433.2	1.6	4.6	-2.3	-2.1	2.7	8275692	-3.4	
26	521.779	1433.3	1.4	6	-2.1	-1.8	2.6	8476721	-3.2	
26	521.479	1433.3	0.3	4.7	-1.8	-3.3	2.3	8723959	-2.5	
26	521.179	1433.4	-0.4	2.4	-1.2	-3.6	1.9	9024785	-2.1	
26	520.879	1433.2	0.7	4.5	-0.7	-3	1.4	9389014	-1.8	
26	520.579	1433.1	0.5	4.1	-0.4	-1.8	1	9648618	-1.5	
26	520.279	1432.7	0.6	4.8	-0.3	-1.5	0.3	9876179	-1.3	
26	519.979	1432.1	0.4	4.1	-0.6	-1.9	-0.3	9922986	-0.8	
26	519.679	1431.6	0.2	3.8	-0.8	-1.3	-1	9783879	-0.3	
26	519.379	1431.4	-0.7	3.3	-0.9	-1.6	-1.5	9517046	-0.1	
26	519.079	1431.2	1.1	5.2	-1	0.9	-1.8	9183114	-0.1	
26	518.779	1431.2	1	4.3	-1	1.1	-2	8760460	-0.8	
26	518.479	1431.1	2	5.4	-1.2	0.8	-1.9	8243110	-1.5	
26	518.179	1431.4	0.6	3.6	-1	-0.5	-1.5	7697610	-1.6	
26	517.879	1432	0.3	3.6	-0.8	-1	-0.8	7219828	-2.1	
26	517.579	1432.7	0.8	3.8	-0.5	-0.8	0	6797890	-2.6	
26	517.279	1433.5	0.9	3	0.1	-1.2	0.8	6462192	-2.7	
26	516.979	1434.4	0.2	2.7	0.5	-1.5	1.6	6231399	-2.8	
26	516.679	1434.8	-0.2	2.5	0.8	-2.3	1.9	6033862	-2.4	
26	516.379	1435.1	-1.3	0.4	1	-2.6	2.1	5832173	-1.5	
26	516.079	1435.1	-1.3	0.1	1.2	-2.5	1.9	5643531	-1.2	
26	515.779	1434.8	-1.5	-0.3	1.1	-1.3	1.6	5466710	-0.3	
26	515.479	1434.5	-2.1	-1.1	0.9	-0.6	1.1	5300633	0.3	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
26	515.179	1434.2	-2.3	-1.2	0.6	-0.8	0.6	5157020	0.5	
26	514.879	1433.6	-1.4	-0.7	0.2	-0.1	0	5057367	0.9	
26	514.579	1433.3	-1.4	0.2	-0.1	1.4	-0.5	4973278	1.3	
26	514.279	1433	-1.7	-0.6	-0.2	1.3	-0.9	4949764	1.6	
26	513.979	1432.8	-1.5	-0.7	-0.2	2.6	-1.2	4997017	2	
26	513.679	1432.9	-2	-1.5	-0.1	2.4	-1.3	5157020	2.1	
26	513.379	1432.8	-1.6	-1	-0.1	3.2	-1.3	5495407	2.7	
26	513.079	1433	-2.7	-3	0.1	2.6	-1.1	6051301	2.9	
26	512.779	1433.3	-2.8	-2.2	0.4	2.3	-0.9	6887336	2.7	
26	512.479	1433.3	-1.7	-2	0.6	2.8	-0.8	8178711	2.7	
26	512.179	1433.4	-3.2	-4.1	0.6	1.3	-0.5	10314040	2.7	
26	511.879	1433.4	-2.6	-3.1	0.4	1.9	-0.2	14052014	2.4	
26	511.579	1433.3	-2.8	-3.5	0.1	1.2	0		2.5	
26	511.279	1433.6	-3.2	-4.4	0.2	0.4	0.1		1.5	
26	510.979	1433.5	-2.7	-3.8	0	-0.2	0.1		1	
26	510.679	1433.6	-2.7	-4.5	-0.4	0.2	0.4		0.9	
26	510.379	1433.5	-2.5	-3.5	-0.8	0.1	0.5		0.5	
26	510.079	1433.4	-2.1	-3.5	-1	-0.3	0.7		0.3	
26	509.779	1433.3	-2.2	-4.5	-1.1	-0.6	0.9		0	
26	509.479	1433.4	-2.4	-4	-0.9	-1.5	1		-0.9	
26	509.179	1433.5	-1.4	-2.8	-0.7	-1.5	1.2	12766768	-1.4	
26	508.879	1433.7	-2.1	-2.4	-0.7	-2	1.4	9183114	-1.8	
26	508.579	1434	-1.4	-1	-0.4	-2.2	1.6	7170377	-2.4	
26	508.279	1434.1	-1.3	-2	-0.4	-2.6	1.6	5999284	-2.7	
26	507.979	1434.2	-1.4	-1.9	-0.3	-3.7	1.5	5327608	-3.4	
26	507.679	1434	-1.2	-1.8	-0.3	-3.7	1.2	4973278	-4.1	
26	507.379	1433.6	0	-0.4	-0.6	-2.8	0.9	4857889	-4.5	
26	507.079	1433.3	-1	-1.2	-1.1	-3.6	0.6	4938090	-4.8	
26	506.779	1432.8	0.1	0.8	-1.7	-3.3	0.4	5195410	-5.1	
26	506.479	1432.5	-0.5	-1.6	-2.2	-3.5	0.4	5598262	-5.1	
26	506.179	1432.2	-0.5	-1.5	-2.6	-3.6	0.4	6158088	-5.3	
26	505.879	1432.2	-0.1	-2.1	-2.6	-3.3	0.4	6820033	-5.5	
26	505.579	1432.5	0.2	-0.4	-2.4	-3.3	0.7	7558664	-5.5	
26	505.279	1432.8	-1.2	-1.5	-1.9	-4.5	0.9	8243110	-5.4	
26	504.979	1433.4	-1.1	-1.9	-0.9	-4.3	1.1	8760460	-4.7	
26	504.679	1434.2	-2	-2.9	0.1	-4.1	1.4	8947650	-4.3	
26	504.379	1434.7	-1.9	-2.1	1.1	-4.5	1.3	8834388	-4.1	
26	504.079	1434.9	-2.1	-1.9	1.9	-4.5	1.1	8511179	-3.5	
26	503.779	1434.9	-2.9	-1.6	2.5	-4.5	0.7	8083977	-2.9	
26	503.479	1434.7	-3.3	-2	2.9	-4.3	0	7669414	-2.3	
26	503.179	1434.1	-2.6	-1.1	2.7	-2.9	-0.7	7295296	-1.2	
26	502.879	1433.6	-3	-0.9	2.2	-1.5	-1.3	7026007	-0.4	
26	502.579	1432.8	-3	-0.7	1.5	-0.4	-2	6864754	0.5	
26	502.279	1432.2	-3.4	-2	0.8	0.9	-2.5	6797890	1.6	
26	501.979	1431.8	-3.1	-1.7	0	2.2	-2.7	6864754	2.3	
26	501.679	1431.3	-1.6	0.1	-0.8	4.5	-2.6	7026007	3.2	
26	501.379	1431.1	-2.1	-0.6	-1.4	5.1	-2.1	7269965	4.1	
26	501.079	1431.4	-2.4	-0.4	-1.7	5.8	-1.3	7504480	4.4	
26	500.779	1431.7	-2	-0.4	-2	6.5	-0.2	7726015	5	
26	500.479	1432.5	-2.6	0.1	-1.8	5.6	0.9	7991412	4.6	
26	500.179	1433.1	-3	-0.2	-1.7	4.7	1.9	8178711	4	
26	499.879	1433.7	-3.3	-1.6	-1.9	4.2	3.1	8308532	3.6	
26	499.579	1434.3	-4	-0.8	-2	2.3	4	8375000	2.9	
26	499.279	1434.5	-3.7	-1.1	-2.2	0.5	4.5	8375000	1.9	
26	498.979	1434.3	-3.3	-0.5	-2.5	0.6	4.6	8375000	1.3	
26	498.679	1434.2	-4.3	-1.1	-2.6	-1	4.4	8341634	0.2	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
26	498.379	1433.8	-4.4	-1.7	-2.8	-2.7	3.8	8375000	-0.6	
26	498.079	1433.3	-4.2	-1.5	-3.1	-2.8	2.9	8442541	-1.1	
26	497.779	1433	-4.4	-1.9	-3	-3.4	2	8476721	-1.6	
26	497.479	1432.8	-4.4	-2.3	-2.7	-3.6	1	8511179	-2.2	
26	497.179	1432.9	-3.7	-1.5	-2	-3.1	0.1	8476721	-2.6	
26	496.879	1433.1	-3.1	-0.7	-1.2	-3.2	-0.5	8442541	-2.8	
26	496.579	1433.2	-3	-1.6	-0.5	-3.1	-1	8442541	-3	
26	496.279	1433.5	-3.7	-1.6	0.2	-3.7	-1.3	8545919	-3.4	
26	495.979	1434	-2.7	-1.3	1.1	-2.7	-1.4	8760460	-3.7	
26	495.679	1434.5	-2.5	-1.2	1.8	-2.8	-1.4	9103261	-3.8	
26	495.379	1434.9	-2.3	-0.9	2.1	-2.5	-1.2	9693287	-3.8	
26	495.079	1435.2	-2.7	-1.5	2.1	-2.6	-0.9	10574495	-3.9	
26	494.779	1435.4	-2.5	-2.5	1.7	-2.5	-0.5	11762641	-3.9	
26	494.479	1435.2	-1.8	-0.8	1.1	-2.8	-0.2	13421474	-3.8	
26	494.179	1435.1	-2.4	-2.5	0.8	-2.9	0	15395221	-3.4	
26	493.879	1434.9	-2.5	-2	0.3	-1.7	0.1	17161885	-3.1	
26	493.579	1434.9	-3	-2.5	0.1	-2.2	0.1	18049569	-2.6	
26	493.279	1434.9	-2.7	-2.6	0.1	-1.5	0.1	17303719	-2.1	
26	492.979	1435.1	-2.8	-3	0.3	-0.8	0	15172102	-1.4	
26	492.679	1435.2	-3.6	-2.4	0.7	-0.8	-0.2	12689394	-1	
26	492.379	1435.5	-4	-2.9	1.1	-0.8	-0.5	10365099	-0.8	
26	492.079	1435.5	-2.4	-0.4	1.5	0.7	-0.8	8580943	-0.6	
26	491.779	1435.5	-2.8	-0.9	1.6	1	-0.9	7269965	-0.2	
26	491.479	1435.5	-4.1	-2	1.9	-0.1	-1	6344697	0.1	
26	491.179	1435.4	-4.1	-1.2	1.5	1.1	-0.8	5752061	0.5	
26	490.879	1435	-4.2	-0.9	1.1	0.4	-0.7	5424223	0.4	
26	490.579	1434.6	-4.5	-1.9	0.7	0.3	-0.5	5300633	1	
26	490.279	1434.3	-4.8	-1.8	0	1	-0.1	5368590	1.3	
26	489.979	1434.4	-5.5	-2.5	-0.3	0.7	0.3	5613271	1.5	
26	489.679	1434.3	-5.6	-2.2	-0.9	0.1	0.7	6068841	1.9	
26	489.379	1434.5	-5.5	-2.4	-1	0	1	6775890	2	
26	489.079	1434.2	-5.3	-3.7	-1.4	0.5	1.2	7783457	2	
26	488.779	1434.4	-6.4	-4.3	-1.3	-0.1	1.5	9103261	2.1	
26	488.479	1434.2	-5.7	-3.3	-1	-0.3	1.5	10848446	1.4	
26	488.179	1433.7	-4.8	-2.8	-0.9	-0.1	1.4	12845092	1.1	
26	487.879	1433.6	-5.5	-2.9	-0.5	-0.4	1.4	14641608	0.7	
26	487.579	1433.4	-5.4	-2.4	-0.3	-0.3	1.1	15742481	-0.1	
26	487.279	1433.4	-5.1	-1.8	-0.1	-0.8	1	15742481	-0.7	
26	486.979	1433.5	-4.1	-0.1	0.1	-1.1	0.7	14955357	-1.7	
26	486.679	1433.3	-3.6	0.1	0.4	-1.9	0.4	13865894	-2.5	
26	486.379	1433	-4.4	-1.1	0.2	-2.5	0.1	12689394	-2.9	
26	486.079	1432.5	-3.8	0.5	0	-2.6	-0.2	11567680	-3.8	
26	485.779	1431.8	-2.6	1.8	-0.3	-3.1	-0.5	10574495	-4.2	
26	485.479	1431.1	-4	0.2	-0.8	-4.2	-0.7	9738372	-4.2	
26	485.179	1430.7	-4.9	-0.5	-1.1	-5	-0.9	9103261	-4	
26	484.879	1430.7	-4.5	-0.1	-1.2	-4.6	-0.9	8651860	-3.4	
26	484.579	1430.8	-3.9	-0.2	-1.4	-3.9	-0.8	8341634	-3.2	
26	484.279	1430.8	-3.1	0	-1.5	-3.2	-0.7	8115310	-3	
26	483.979	1430.9	-3.3	-0.3	-1.7	-2.6	-0.3	7871241	-2.3	
26	483.679	1431.3	-4.3	-0.6	-1.5	-2.9	0.1	7641424	-2	
26	483.379	1431.5	-2.7	0	-1.3	-2.1	0.5	7398410	-1.9	
26	483.079	1431.6	-2.5	0	-1.5	-0.8	1	7170377	-2.1	
26	482.779	1432	-2.4	-0.1	-1.4	-0.5	1.4	6932947	-3.2	
26	482.479	1432.3	-1.5	1.2	-1.5	-0.5	1.7	6625791	-4	
26	482.179	1432.4	-2.2	0.3	-1.6	-1.9	1.7	6268713	-4.5	
26	481.879	1432.7	-2.2	-0.4	-1.4	-2.6	1.7	5881320	-4.9	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
26	481.579	1432.8	-1.6	0.8	-1.1	-2.4	1.6	5495407	-5	
26	481.279	1432.8	-3.1	-0.6	-0.8	-3.4	1.3	5131741	-5.3	
26	480.979	1432.8	-2.3	0.7	-0.3	-3.4	0.9	4813219	-5.6	
26	480.679	1433	-3.6	-0.9	0.3	-5	0.7	4522139	-5.3	
26	480.379	1433.3	-5.3	-2.5	0.8	-6.2	0.4	4281698	-4.9	
26	480.079	1433.5	-5.5	-1.9	1.1	-6.6	0.2	4113458	-4.2	
26	479.779	1433.9	-5.7	-1.7	1.4	-5.5	0.3	4018714	-3.5	
26	479.479	1434	-5.9	-3.5	1.2	-5.5	0.4	4003346	-3.2	
26	479.179	1433.6	-5	-2.2	0.7	-5.3	0.5	4065534	-2.7	
26	478.879	1433.3	-5.6	-1.5	0.3	-5.3	0.7	4204318	-2.3	
26	478.579	1432.8	-6.2	-2.1	-0.2	-5.8	0.7	4473825	-2.4	
26	478.279	1432.4	-5.2	-1	-0.8	-5.2	0.8	4880536	-2.2	
26	477.979	1432.2	-5.7	-1.2	-1.2	-4.3	0.9	5452474	-2.2	
26	477.679	1432.1	-4.7	0.1	-1.6	-3.6	1	6268713	-2.4	
26	477.379	1432	-5.3	0.2	-1.8	-4.1	1	7346491	-2.3	
26	477.079	1432.1	-4.9	0.7	-1.7	-4	0.8	8871822	-2.6	
26	476.779	1432.1	-3.3	2.2	-1.2	-3.3	0.6	10962042	-2.8	
26	476.479	1431.9	-2.1	3.2	-1.1	-1.9	0.4	13774671	-2.9	
26	476.179	1431.9	-3.3	3.1	-0.8	-2.6	0.3	17161885	-3	
26	475.879	1431.9	-0.9	4.8	-0.7	-1.2	0.3		-3	
26	475.579	1431.8	-1.9	2.9	-0.8	-1.3	0.3		-2.7	
26	475.279	1431.8	-1.4	4.1	-0.7	-1.9	0.3		-2.6	
26	474.979	1431.7	-1.3	4.1	-0.8	-0.6	0.3	19208716	-2	
26	474.679	1431.9	-1.2	3.9	-1.1	0.2	0.4	15982825	-1.3	
26	474.379	1431.8	-0.6	3.5	-1.4	-0.2	0.5	13085938	-0.5	
26	474.079	1432	-0.7	2.9	-1.5	0.4	0.8	10848446	0.5	
26	473.779	1432.1	-1.3	3.1	-1.5	1	0.9	9305556	1.1	
26	473.479	1432.2	-0.1	3.7	-1.5	2	1	8178711	2.1	
26	473.179	1432.5	-0.9	1.7	-1.1	2.4	1	7346491	2.9	
26	472.879	1432.3	0.5	4.5	-1.2	4.2	1	6820033	3.3	
26	472.579	1432.5	-0.2	4.7	-1	3.9	1.2	6462192	3.7	
26	472.279	1433.1	-0.5	4	-0.5	3.4	1.3	6250000	3.2	
26	471.979	1433.2	1.4	5.3	-0.4	4.3	1.4	6104228	2.9	
26	471.679	1433.4	1	4.1	-0.2	3.3	1.6	6051301	2.6	
26	471.379	1433.5	1	4.3	-0.2	3.4	1.7	6051301	2	
26	471.079	1433.6	0.9	5.2	-0.2	2.4	1.9	6104228	1.6	
26	470.779	1433.4	1.1	3.8	-0.5	1.9	2.1	6140030	1.4	
26	470.479	1433.2	0.7	3.2	-0.6	0.8	2.1	6194527	0.9	
26	470.179	1432.9	0.6	3	-0.6	0.8	1.9	6250000	0.4	
26	469.879	1432.7	-0.1	1.4	-0.6	-0.6	1.5	6287538	-0.2	
26	469.579	1432.5	0.6	2.8	-0.4	-1	0.9	6363982	-0.9	
26	469.279	1432.1	1.3	3.5	-0.3	-0.9	0.2	6422546	-1.4	
26	468.979	1431.9	0.5	2.1	0.1	-2.6	-0.5	6442308	-1.6	
26	468.679	1431.6	0.3	3.4	0.3	-2.9	-1.5	6422546	-2.1	
26	468.379	1431.2	2	4.3	0.6	-2.2	-2.4	6344697	-2.3	
26	468.079	1431	1.1	4.7	1.1	-2.8	-3.1	6250000	-2.4	
26	467.779	1430.8	0.7	6	1.1	-3.4	-3.6	6176254	-2.5	
26	467.479	1430.6	1.2	6.7	0.9	-2.3	-3.8	6158088	-2.2	
26	467.179	1430.8	0.1	5.8	1	-3.8	-3.9	6194527	-1.9	
26	466.879	1430.9	0.6	6.5	1	-3.6	-3.8	6268713	-1.8	
26	466.579	1431.2	2	7	1.2	-1.6	-3.5	6363982	-1.6	
26	466.279	1431.9	1.3	6.9	1.6	-1.9	-2.9	6502329	-1.6	
26	465.979	1432.5	2.8	9	1.8	-1.6	-2.2	6667994	-1.6	
26	465.679	1432.8	2.3	7.5	1.5	-0.7	-1.4	6842320	-0.7	
26	465.379	1433.7	2.6	8.3	1.7	0.2	-0.4	6955980	-0.6	
26	465.079	1434.3	2.8	7.5	1.6	-0.2	0.4	7002509	-0.8	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
26	464.779	1434.9	3.4	8.7	1.2	0.7	1.3	6932947	-1.1	
26	464.479	1435.2	3.6	8.5	0.5	0.4	2.1	6754032	-1.6	
26	464.179	1435	3.6	6.9	-0.3	-1	2.6	6502329	-1.9	
26	463.879	1434.7	3	5.1	-1.3	-1.4	2.9	6250000	-2.1	
26	463.579	1434.6	3.6	6.9	-2	-2.1	3.2	5999284	-2.4	
26	463.279	1434.4	3.6	4.5	-2.5	-2	3.4	5783840	-2.6	
26	462.979	1434.1	2.9	4.8	-3.2	-2.8	3.2	5613271	-2.7	
26	462.679	1434.1	3.3	4.7	-3.4	-2.3	3.1	5481021	-2.8	
26	462.379	1434	3.2	4.5	-3.5	-2.8	2.8	5452474	-2.6	
26	462.079	1434.2	2.6	3.8	-3	-2.8	2.5	5524407	-2.5	
26	461.779	1434.2	3.5	4.1	-2.5	-2	2	5689538	-2.4	
26	461.479	1434.3	3.3	4	-1.9	-1.9	1.6	5965100	-2.3	
26	461.179	1434.2	3.8	5.1	-1.3	-1.1	1	6325529	-2.3	
26	460.879	1434.3	3.7	3.8	-0.8	-1.3	0.7	6820033	-2.4	
26	460.579	1434.4	3.4	4.3	-0.2	-0.8	0.4	7398410	-2.4	
26	460.279	1434.4	2.8	2.3	0.1	-1.7	0.1	7991412	-2.6	
26	459.979	1434.4	3.5	3.7	0.4	-1.5	0	8476721	-2.8	
26	459.679	1434.3	2.2	2.7	0.4	-2.6	-0.1	8723959	-2.8	
26	459.379	1434.3	2.6	1.2	0.3	-2.6	0.1	8687760	-3	
26	459.079	1434.4	2.7	1.7	0.1	-2.2	0.4	8408635	-3	
26	458.779	1434.4	1.6	0.6	-0.1	-3.8	0.8	7991412	-3	
26	458.479	1434.4	1.7	0.8	-0.5	-3.6	1.1	7424646	-2.8	
26	458.179	1434.3	0.7	-0.4	-0.8	-4.1	1.3	6842320	-2.5	
26	457.879	1434.3	0.6	-0.1	-0.9	-3.6	1.3	6306476	-2.4	
26	457.579	1434.1	1.3	0.7	-1	-3.4	1.1	5848464	-2.4	
26	457.279	1433.8	1.4	1.5	-1.2	-2.4	0.8	5481021	-2.3	
26	456.979	1433.6	0.9	0.3	-1.2	-3	0.4	5157020	-2	
26	456.679	1433.6	0.5	-0.8	-1.2	-3.2	0.1	4869186	-1.7	
26	456.379	1433.3	1.1	0.6	-1.2	-1.7	-0.3	4621965	-1.4	
26	456.079	1433.3	1.3	1	-1.2	-1.2	-0.5	4435911	-1.1	
26	455.779	1433.2	1.2	-0.8	-1.3	-0.3	-0.5	4317011	-0.7	
26	455.479	1433.4	0.9	-0.2	-1.3	0	-0.2	4272960	-0.4	
26	455.179	1433.6	1.2	0.5	-1.3	0.3	0.1	4334886	-0.2	
26	454.879	1434	0.9	-0.3	-1.1	-0.2	0.6	4502689	0	
26	454.579	1434.5	1.1	1	-0.9	0.4	1.2	4824309	0.1	
26	454.279	1434.9	1.2	0.6	-0.8	0.8	1.7	5341199	0	
26	453.979	1435.3	1.2	-0.8	-0.3	0.4	2.1	6104228	-0.1	
26	453.679	1435.6	1.2	-0.1	0	0.3	2.3	7195017	-0.2	
26	453.379	1435.7	0.9	-1.9	0.3	-0.6	2.3	8797269	-0.5	
26	453.079	1435.6	0.5	-1.8	0.4	-0.8	2.1	11078042	-0.6	
26	452.779	1435.5	0.1	-2.5	0.4	-1.7	1.9	14146960	-0.9	
26	452.479	1435.3	0.7	-2.1	0.5	-1.3	1.4	18366228	-1.2	
26	452.179	1434.8	0.7	-2.7	0.2	-1.3	0.8		-1.3	
26	451.879	1434.4	0.3	-3.3	-0.1	-1.7	0.3		-1.4	
26	451.579	1433.7	0.3	-3.3	-0.7	-1.5	-0.1		-1.4	
26	451.279	1433.3	0.1	-2.9	-1.2	-2.2	-0.3		-1.7	
26	450.979	1432.9	0.8	-2.8	-1.3	-1.4	-0.5		-2	
26	450.679	1432.7	0.6	-3	-1.6	-1.4	-0.3		-2.2	
26	450.379	1432.7	0.6	-2.3	-1.7	-1.5	0		-2.4	
26	450.079	1432.8	0.7	-2.6	-1.7	-2.1	0.4		-2.5	
26	449.779	1433.1	0.3	-2.9	-1.5	-2.4	0.8	19386574	-2.6	
26	449.479	1433.5	0.1	-2.5	-1.1	-2.7	1	17743644	-2.6	
26	449.179	1433.8	-0.3	-3.8	-0.5	-3	1	16750000	-2.2	
26	448.879	1433.9	0.1	-3.2	-0.2	-2.3	0.8	16230620	-1.9	
26	448.579	1433.8	-0.4	-4.2	-0.1	-2.5	0.5	16357422	-1.4	
26	448.279	1433.6	-0.8	-4.5	0.1	-1.8	0	16617064	-0.8	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
26	447.979	1433.3	-0.6	-4	0.2	-1.4	-0.5	17161885	-0.5	
26	447.679	1432.9	0	-2.8	0.3	-0.8	-1	17594538	-0.1	
26	447.379	1432.8	-0.4	-3.9	0.5	-0.3	-1.4	17743644	0.3	
26	447.079	1432.7	0.1	-2.1	0.4	0.6	-1.5	17447917	0.4	
26	446.779	1432.9	0.8	-1.8	0.5	1.4	-1.4	16750000	0.3	
26	446.479	1433.4	1	-1.7	0.7	0.7	-1.2	15861743	-0.5	
26	446.179	1433.9	0.6	-1	1	-0.3	-1	14641608	-1.3	
26	445.879	1434.2	-0.2	-1.9	1.4	-1.2	-0.9	13421474	-1.5	
26	445.579	1434.5	0.1	-0.6	1.6	-1.3	-0.9	12316177	-1.9	
26	445.279	1434.4	0.6	0	1.9	-1.9	-1.1	11504121	-2.4	
26	444.979	1434.2	0.1	-1.2	1.9	-2.3	-1.4	10962042	-2.5	
26	444.679	1434.1	-0.2	-1.6	2	-3.1	-1.8	10574495	-2.8	
26	444.379	1433.9	-0.3	-1.2	2	-4.1	-2.1	10365099	-3	
26	444.079	1434	-0.4	-0.9	2.1	-3.9	-2.3	10213415	-2.9	
26	443.779	1434.1	-0.4	-1.5	2	-3.8	-2.3	10163835	-3	
26	443.479	1433.9	-0.2	-1.5	1.6	-2.7	-2.1	10163835	-2.6	
26	443.179	1434.2	-0.4	-1.6	1.2	-2.7	-1.5	10213415	-2.4	
26	442.879	1434.4	0.3	-0.6	0.9	-2.8	-0.9	10163835	-2.5	
26	442.579	1434.5	0.2	-1	0.6	-2.8	-0.3	10066106	-2.2	
26	442.279	1435	0.1	-0.8	0.4	-3	0.4	9738372	-2.4	
26	441.979	1435.1	0.7	-0.4	0.2	-2.8	0.9	9264381	-2.5	
26	441.679	1434.9	0.1	-1.1	-0.3	-3.2	1.3	8760460	-2.2	
26	441.379	1434.9	0.3	-0.9	-0.5	-2.8	1.5	8275692	-2.1	
26	441.079	1434.6	0	-1.2	-0.7	-2.9	1.5	7871241	-1.8	
26	440.779	1434.5	-0.3	-1.2	-0.8	-2.9	1.5	7531475	-1.5	
26	440.479	1434.4	0.7	0.2	-0.6	-2.2	1.3	7320804	-1.6	
26	440.179	1434.2	1.4	1.3	-0.4	-1.6	1.1	7244810	-1.4	
26	439.879	1434.2	1.6	0.9	-0.3	-0.9	1	7320804	-1.4	
26	439.579	1434.1	2.4	1.7	-0.4	-0.9	0.9	7586051	-1.8	
26	439.279	1433.9	2.6	2.3	-0.3	-0.4	0.8	7930871	-1.6	
26	438.979	1433.8	2.3	2	-0.5	-0.6	0.8	8341634	-1.6	
26	438.679	1433.6	2.4	2.3	-0.5	-1	0.7	8687760	-2	
26	438.379	1433.3	2.6	1.8	-1.1	-0.8	0.9	8986052	-2.2	
26	438.079	1433	2.3	1.7	-1.5	-1.8	0.9	9063853	-2.6	
26	437.779	1432.6	3	2.4	-1.9	-1.6	1	8947650	-2.8	
26	437.479	1432.1	2.2	1.5	-2.4	-2.4	1	8616255	-2.8	
26	437.179	1432	2.3	2	-2.5	-2.9	1	8115310	-3.2	
26	436.879	1431.9	2.8	2.7	-2.6	-3	0.9	7613637	-3.4	
26	436.579	1432	2.4	2.7	-2.5	-3.4	0.8	7145905	-3.5	
26	436.279	1432.3	2.9	2.8	-2.3	-2.9	0.8	6754032	-3.5	
26	435.979	1432.6	2.7	3.1	-1.9	-2.9	0.8	6363982	-3.3	
26	435.679	1432.7	2.3	3.1	-1.7	-3	0.9	5999284	-3.1	
26	435.379	1432.8	2.3	2.9	-1.5	-3	1	5628360	-2.9	
26	435.079	1432.8	2	2	-1.2	-2.8	1	5260679	-2.8	
26	434.779	1433	1.7	2.1	-1.5	-3.1	1.3	4891940	-2.7	
26	434.479	1433.2	2.3	2.2	-1.7	-2.6	1.6	4522139	-2.8	
26	434.179	1433.6	2.2	1.4	-2	-2.3	2	4162525	-2.8	
26	433.879	1433.9	2.3	1.3	-2	-3.1	2.2	3841744	-2.9	
26	433.579	1434.1	2	1.4	-2.1	-2.9	2.3	3579060	-3	
26	433.279	1434	2.1	2.3	-2	-2.7	2.2	3366158	-3.2	
26	432.979	1434	1.7	1.6	-2	-2.8	2.2	3221154	-3.3	
26	432.679	1434	1.7	1.1	-1.9	-2.8	2.1	3134357	-3.5	
26	432.379	1434.5	1.9	1.8	-1.4	-2.2	2.1	3106455	-3.7	
26	432.079	1434.8	1.4	1.6	-0.8	-3.1	1.9	3143769	-3.9	
26	431.779	1435.1	1	1.3	-0.4	-3.4	1.6	3241100	-4	
26	431.479	1435.2	2.1	2.5	-0.1	-2.7	1.3	3404472	-3.9	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
26	431.179	1435.2	1.1	1.5	0	-3.6	1	3622405	-3.6	
26	430.879	1435	1	1.2	0.1	-3.3	0.7	3906250	-3	
26	430.579	1434.9	0.2	0.6	0.2	-3.4	0.5	4246958	-2.5	
26	430.279	1434.8	0	-0.3	0.3	-3.2	0.3	4611784	-2	
26	429.979	1434.5	-0.8	-1	0	-3.6	0.1	4985119	-1.3	
26	429.679	1434.2	-1.1	-1.2	-0.1	-3.1	-0.2	5300633	-0.7	
26	429.379	1434.1	-1.3	-2	-0.4	-2.6	-0.2	5524407	-0.2	
26	429.079	1434.1	-0.4	-0.5	-0.4	-1.9	-0.3	5628360	0.3	
26	428.779	1434.3	0.3	0	-0.2	-1	-0.2	5613271	0.2	
26	428.479	1434.3	0.5	0.5	-0.1	-1	-0.3	5481021	0	
26	428.179	1434.4	0.4	0.7	-0.1	-0.9	-0.2	5314087	-0.2	
26	427.879	1434.4	0.7	0	0	-1	-0.2	5106708	-0.7	
26	427.579	1434.3	1	-0.4	0.1	-0.6	-0.1	4926471	-1.1	
26	427.279	1434.3	1.3	-0.3	0.3	-0.3	0.1	4791190	-1.6	
26	426.979	1434.3	1.3	-1.1	0.4	-0.9	0.2	4705057	-2.4	
26	426.679	1434.3	1.6	-1	0.3	-1.4	0.4	4684005	-3.1	
26	426.379	1434.2	1.9	-0.4	0	-1.9	0.5	4705057	-3.5	
26	426.079	1434.5	2	-0.4	0	-2.1	0.9	4780251	-3.8	
26	425.779	1434.5	2.1	-0.5	-0.4	-1.9	1.1	4903396	-3.9	
26	425.479	1434.4	2.1	-0.2	-0.8	-1.9	1.4	5069613	-3.9	
26	425.179	1434.1	1.9	-1.1	-1.2	-2	1.5	5300633	-3.7	
26	424.879	1433.6	1.1	-1.1	-1.7	-3.2	1.6	5583334	-3.6	
26	424.579	1433.3	0.9	-1.4	-2	-2.5	1.7	5931303	-3.4	
26	424.279	1433.2	0.2	-2.6	-2.2	-3.3	1.9	6344697	-3	
26	423.979	1433.1	0.2	-2.2	-2.1	-3.3	1.9	6842320	-2.8	
26	423.679	1432.9	0.1	-2.8	-2.1	-3.1	1.7	7424646	-2.6	
26	423.379	1433.1	-0.2	-2.9	-1.7	-3	1.6	8146887	-2.3	
26	423.079	1433.1	-0.4	-2.7	-1.2	-2.8	1.3	8947650	-2.1	
26	422.779	1433.2	-0.5	-2.8	-0.6	-3	0.9	9876179	-2	
26	422.479	1433	0	-2	0	-2.3	0.3	10904948	-1.8	
26	422.179	1432.9	-1.2	-2.9	0.4	-2.8	-0.4	12033046	-1.3	
26	421.879	1432.7	-0.6	-2.9	0.6	-2	-1.1	13168239	-1	
26	421.579	1432.4	-0.5	-2.7	0.9	-1.1	-1.8	14243197	-0.3	
26	421.279	1432.2	-0.8	-3.1	0.9	-0.4	-2.2	14849291	0.2	
26	420.979	1431.8	-1.1	-3.1	0.7	-0.2	-2.7	14849291	0.7	
26	420.679	1431.6	-1.5	-3.6	0.3	0.5	-2.8	14146960	1.7	
26	420.379	1431.8	-0.9	-2.6	0.2	1.3	-2.6	13085938	1.7	
26	420.079	1431.9	-0.1	-1.8	0.3	2	-2.3	11964286	1.6	
26	419.779	1432.5	-0.2	-2.1	0.2	2.7	-1.5	10962042	1.4	
26	419.479	1433.1	0.7	-0.7	0.3	2.3	-0.7	10066106	0.5	
26	419.179	1433.6	0.3	-0.7	0.3	0.6	0.1	9431306	-0.1	
26	418.879	1434.1	-0.4	-2.5	0.3	-0.3	0.9	8909575	-0.7	
26	418.579	1434.6	-0.2	-1.3	0.3	-1.1	1.6	8687760	-1.6	
26	418.279	1435	-0.1	-1.1	0.4	-1	2.1	8616255	-2	
26	417.979	1435.2	-0.4	-0.6	0	-2.1	2.5	8723959	-2.4	
26	417.679	1434.9	-1	-1	-0.2	-3	2.5	8909575	-2.5	
26	417.379	1434.6	-1.7	-0.9	-0.5	-3.2	2.2	9103261	-2.1	
26	417.079	1434.3	-1.6	-0.5	-0.8	-3.5	1.8	9264381	-1.9	
26	416.779	1433.9	-0.2	1.1	-0.8	-2.3	1.1	9431306	-1.9	
26	416.479	1433.6	-0.7	-0.3	-0.9	-2.1	0.6	9604358	-1.6	
26	416.179	1433.6	-0.2	-0.5	-0.8	-1.3	0.1	9693287	-1.6	
26	415.879	1433.4	-0.6	-1.1	-0.6	-1.6	-0.3	9829812	-1	
26	415.579	1433.5	-0.6	-1	-0.3	-0.9	-0.5	9876179	-0.6	
26	415.279	1433.4	-0.9	-1.6	0	-1	-0.8	9922986	-0.5	
26	414.979	1433.2	-1	-2	0.4	-0.6	-1	9922986	-0.1	
26	414.679	1433.5	-0.8	-2.1	0.8	-0.2	-0.9	9970238	0	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
26	414.379	1433.6	0.1	-1.2	1	-0.5	-0.7	10114734	-0.2	
26	414.079	1433.8	-0.1	-1.7	1.3	-0.2	-0.4	10314040	-0.1	
26	413.779	1433.9	-0.8	-2.7	1.2	-1.3	-0.2	10521357	-0.3	
26	413.479	1433.7	0.1	-1.9	1.1	-0.5	-0.2	10792526	-0.3	
26	413.179	1433.5	-0.1	-2.2	0.6	-0.5	-0.1	11196524	0	
26	412.879	1433.5	0.2	-1.9	0.3	-0.1	0	11762641	-0.3	
26	412.579	1433.1	0.8	-1.1	-0.3	0.8	0.1	12389053	-0.3	
26	412.279	1432.9	0.4	-0.7	-0.9	0.1	0.3	12766768	-0.4	
26	411.979	1432.6	1.1	0.2	-1.5	-0.2	0.4	12689394	-0.8	
26	411.679	1432.2	0.7	0.5	-1.9	-0.8	0.4	12172965	-0.8	
26	411.379	1432.2	0.6	0.4	-2.2	-0.6	0.7	11317568	-1	
26	411.079	1432.2	1.3	1.2	-2.2	-0.7	1	10365099	-1.4	
26	410.779	1432.4	1.5	1.7	-2.1	-0.6	1.4	9223568	-1.6	
26	410.479	1432.9	0.8	1.2	-1.8	-1.8	1.7	8146887	-2	
26	410.179	1433.3	0.4	0.9	-1.4	-2.9	1.8	7269965	-2.2	
26	409.879	1433.5	0.5	0.5	-1.2	-2.7	1.7	6563480	-2.3	
26	409.579	1433.7	1	2.2	-0.8	-2.9	1.5	6086483	-2.6	
26	409.279	1433.6	1.4	2	-0.6	-2.6	1.2	5799862	-2.8	
26	408.979	1433.5	1.2	1.7	-0.6	-2.7	1	5643531	-2.9	
26	408.679	1433.2	1.1	1.9	-0.5	-3.6	0.4	5598262	-3.3	
26	408.379	1432.7	1.1	2.2	-0.8	-3.5	-0.1	5689538	-2.9	
26	408.079	1432.5	1	2.5	-1.1	-2.9	-0.5	5897888	-2.9	
26	407.779	1432.8	1.4	2.3	-1	-2.5	-0.7	6268713	-3.2	
26	407.479	1433	1.5	1.6	-1.1	-2	-0.6	6775890	-3.2	
26	407.179	1433.4	1.6	1.8	-1.2	-2.4	-0.3	7372359	-3.4	
26	406.879	1433.7	1.7	1	-0.9	-2.5	-0.2	8022031	-3.5	
26	406.579	1434	1.4	1.1	-0.8	-1.9	0	8545919	-3.4	
26	406.279	1434.5	1.5	1.9	-0.4	-2.7	0.3	8947650	-3.7	
26	405.979	1434.8	1.9	2.1	0.1	-1.8	0.6	9103261	-3.7	
26	405.679	1435.3	1.3	1.4	0.5	-2.2	1	8947650	-3.8	
26	405.379	1435.7	1	1.4	0.6	-2.9	1.3	8476721	-3.8	
26	405.079	1435.9	0	1	0.7	-3.5	1.5	7783457	-3.5	
26	404.779	1436.1	0.3	2	0.9	-3.1	1.5	7026007	-3.5	
26	404.479	1436	-0.1	1.5	0.9	-3	1.4	6422546	-2.8	
26	404.179	1436	-1.4	-1.2	1	-3.3	1.5	5965100	-2.1	
26	403.879	1436	-0.2	0.5	0.8	-1.7	1.5	5658784	-1.6	
26	403.579	1435.5	-1	-0.8	0.5	-2.4	1.2	5495407	-0.9	
26	403.279	1435.2	-1.5	-0.9	0.3	-1.9	0.9	5424223	-0.3	
26	402.979	1434.9	-1.3	-0.7	0.3	-1.2	0.4	5481021	0.2	
26	402.679	1434.4	-1.5	-0.6	0.2	0.5	0	5643531	1.4	
26	402.379	1434	-1.8	-0.8	-0.1	0.3	-0.2	5881320	2.2	
26	402.079	1433.6	-1.4	-0.6	-0.4	1.3	-0.3	6194527	2.6	
26	401.779	1433	-1.7	-1.8	-0.8	2.3	-0.4	6542969	3	
26	401.479	1432.9	-1.7	-1.6	-0.8	1.1	-0.5	6842320	2.2	
26	401.179	1432.7	-0.9	-0.1	-0.8	1.9	-0.5	7121599	1.6	
26	400.879	1432.7	-1	-1.1	-1	1.3	-0.2	7424646	0.9	
26	400.579	1432.7	-0.7	-0.6	-1.4	1	0.2	7726015	-0.1	
26	400.279	1432.6	-1.1	-1.3	-1.6	-0.2	0.5	8083977	-0.7	
26	399.979	1432.6	-0.2	-1	-1.7	-0.7	0.8	8442541	-1.6	
26	399.679	1432.6	-0.2	-0.6	-1.7	-1.6	1	8797269	-2.4	
26	399.379	1432.4	-0.6	-1.7	-1.4	-2.2	1	9143013	-2.9	
26	399.079	1432.3	-1	-1.7	-1.5	-2.3	1.1	9473982	-3	
26	398.779	1432.6	-1.4	-2	-1.2	-3.2	1.2	9922986	-3.2	
26	398.479	1432.6	-1.4	-2.7	-0.8	-3.6	1	10263481	-3.2	
26	398.179	1432.9	-2.3	-3.8	-0.2	-4.2	0.8	10468750	-3.2	
26	397.879	1433	-1.6	-2.4	0.2	-3.2	0.4	10574495	-3.2	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
26	397.579	1433	-0.3	-0.7	0.4	-2.6	0	10574495	-3.2	
26	397.279	1432.9	-0.6	-1.1	0.4	-2.6	-0.3	10521357	-3.2	
26	396.979	1432.7	-1	-2	0.4	-2.5	-0.5	10521357	-3	
26	396.679	1432.5	-1.7	-3.1	0.1	-2.5	-0.5	10416667	-2.7	
26	396.379	1432.4	-1.9	-3.1	-0.2	-2.4	-0.5	10213415	-2.6	
26	396.079	1432	-0.9	-2	-0.7	-1.7	-0.3	10017943	-2.5	
26	395.779	1431.9	-1.8	-2.9	-1.1	-1.9	0.1	9738372	-2.4	
26	395.479	1432.3	-2.1	-3.1	-1.2	-2.1	0.8	9517046	-2.4	
26	395.179	1432.6	-1.7	-3.1	-1.3	-2.8	1.4	9347098	-2.1	
26	394.879	1433.1	-2.3	-3.8	-1.1	-2.8	1.9	9264381	-1.8	
26	394.579	1433.3	-2.4	-4	-0.7	-2.3	1.9	9183114	-1.6	
26	394.279	1433.5	-2.8	-4.5	-0.3	-2.5	1.8	9063853	-1.2	
26	393.979	1433.7	-2.8	-4.2	0	-2.4	1.5	9063853	-1.3	
26	393.679	1433.4	-1.9	-3.4	0.3	-2	0.9	9143013	-1.3	
26	393.379	1433	-2.3	-4.2	0.6	-1.8	0.3	9183114	-1.1	
26	393.079	1432.4	-3.1	-4.4	0.5	-2.2	-0.5	9183114	-1.1	
26	392.779	1431.9	-1.8	-2.8	0.5	-1	-1.1	9143013	-1	
26	392.479	1431.6	-2	-2	0.1	-0.8	-1.4	9024785	-0.7	
26	392.179	1431.5	-2.4	-2.7	0.1	-1	-1.5	8909575	-0.6	
26	391.879	1431.6	-1.3	-1.2	0	0.3	-1.4	8797269	-0.5	
26	391.579	1432	-1.5	-0.1	0	0.2	-1	8651860	-0.3	
26	391.279	1432.5	-1.5	-1.3	0.2	-0.4	-0.5	8442541	-0.3	
26	390.979	1432.3	-1.3	-0.3	0	0	-0.2	8178711	-0.1	
26	390.679	1432.5	-1.9	-0.4	0	0	0.3	7900944	0.1	
26	390.379	1432.4	-2	-0.7	0.1	-1.1	0.5	7669414	0.1	
26	390.079	1432.6	-1.6	-0.1	0.2	-0.9	0.7	7451068	0	
26	389.779	1432.6	-1.6	0.2	0.2	-0.7	0.7	7269965	-0.2	
26	389.479	1432.5	-1.4	0	0.1	-1.4	0.6	7145905	-0.4	
26	389.179	1432.3	-1.3	0.4	-0.3	-1.1	0.4	7073480	-0.5	
26	388.879	1432.2	-0.8	0.9	-0.4	-1.2	0	7097458	-1	
26	388.579	1431.9	-0.4	0.5	-0.5	-0.9	-0.3	7269965	-1.2	
26	388.279	1431.9	-0.4	0.6	-0.5	-1	-0.5	7558664	-1.6	
26	387.979	1431.8	0.2	0.9	-0.6	-0.6	-0.7	7961027	-2.1	
26	387.679	1431.7	0.5	1.6	-0.9	-0.5	-0.7	8476721	-2.3	
26	387.379	1431.8	0.3	0.5	-0.9	-1.5	-0.5	9024785	-2.8	
26	387.079	1432	0.5	0.7	-0.7	-1.8	-0.3	9604358	-3.4	
26	386.779	1432.3	0.2	0.8	-0.4	-2	0	10114734	-3.7	
26	386.479	1432.7	0.4	1.4	-0.1	-2.6	0.4	10574495	-3.9	
26	386.179	1433	-0.1	1.3	0	-3.4	0.7	10848446	-3.9	
26	385.879	1433.4	0	1.4	0	-3.4	1.2	10962042	-3.5	
26	385.579	1433.7	-0.5	1.8	0.1	-3.2	1.5	10904948	-3	
26	385.279	1434	-0.9	0.7	0.5	-3.5	1.7	10848446	-2.4	
26	384.979	1433.8	-0.5	-0.2	0.4	-2.5	1.7	10792526	-1.9	
26	384.679	1433.5	-0.7	-0.1	0.1	-2.1	1.7	10848446	-1.1	
26	384.379	1433	-1.8	-0.8	-0.5	-1.9	1.7	10792526	0	
26	384.079	1432.7	-1.1	0.6	-0.6	-0.7	1.5	10682398	0.5	
26	383.779	1432.6	-0.8	1.1	-0.6	-0.1	1.3	10521357	0.3	
26	383.479	1432.6	0.1	1	-0.7	0.9	1.1	10163835	0	
26	383.179	1432.4	-0.8	1	-1.1	-0.4	0.9	9829812	-0.6	
26	382.879	1432	-0.2	1.9	-1.5	-0.3	0.5	9347098	-1.4	
26	382.579	1431.6	-0.1	1.6	-1.7	-0.9	0.3	8760460	-1.9	
26	382.279	1431.3	0.1	2.4	-1.8	-1.2	0.1	8243110	-2.6	
26	381.979	1431.2	0	2.4	-1.6	-1.8	0	7726015	-3.3	
26	381.679	1430.9	-0.1	2.7	-1.6	-2.7	0	7244810	-3.7	
26	381.379	1430.8	-0.7	2.1	-1.6	-3.6	0.1	6842320	-4.1	
26	381.079	1431	-1.6	0.3	-1.5	-4.9	0.3	6563480	-3.9	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
26	380.779	1431.4	-1.5	0.8	-1.1	-3.5	0.7	6344697	-3.4	
26	380.479	1431.9	-1.6	1.5	-0.5	-4.1	1	6231399	-3.2	
26	380.179	1432.2	-1.6	0.2	-0.1	-3.6	1.3	6158088	-2.7	
26	379.879	1432.5	-1.8	0.2	0.2	-3.4	1.5	6158088	-2.2	
26	379.579	1432.6	-1.3	1.1	0.2	-2.9	1.5	6194527	-2	
26	379.279	1432.3	-1.2	0.1	0.1	-2.6	1.3	6250000	-1.6	
26	378.979	1432.1	-1.7	-0.2	0	-2.2	1	6287538	-1.3	
26	378.679	1431.7	-1.4	0.1	-0.3	-1.4	0.5	6231399	-1.1	
26	378.379	1431.3	-1.9	-0.6	-0.6	-1.5	-0.1	6068841	-0.6	
26	378.079	1430.9	-1.2	0.7	-0.9	-0.9	-0.6	5848464	-0.6	
26	377.779	1430.4	-1.3	0.7	-1.1	-1	-1.2	5598262	-0.5	
26	377.479	1430.4	-1.2	0.4	-1.1	-0.6	-1.5	5354860	-0.6	
26	377.179	1430.6	-0.8	0.8	-0.8	-0.7	-1.7	5157020	-0.8	
26	376.879	1430.9	-0.4	1	-0.4	-0.6	-1.6	5008972	-0.8	
26	376.579	1431.4	-0.8	0.5	0	-0.5	-1.4	4926471	-1	
26	376.279	1432.1	-0.5	0.3	0.6	-0.8	-1	4926471	-1.3	
26	375.979	1432.5	-0.4	0	0.7	-0.7	-0.5	4997017	-1.4	
26	375.679	1433	-0.1	0.3	0.9	-1	0.2	5169753	-1.7	
26	375.379	1433.2	0.1	-0.1	0.6	-1.3	0.9	5396263	-1.9	
26	375.079	1433.5	-0.6	-1.1	0.3	-1.6	1.5	5658784	-1.9	
26	374.779	1433.6	-0.4	-0.7	0	-1.9	1.8	5914548	-2.1	
26	374.479	1433.5	0.1	-0.4	-0.5	-2.1	2	6158088	-2	
26	374.179	1433.5	-0.9	-1.1	-0.7	-2.3	2	6402905	-2	
26	373.879	1433.3	-0.5	-0.9	-1.2	-1.8	1.8	6646826	-2	
26	373.579	1433.3	-0.3	-0.2	-1.1	-1.4	1.6	6887336	-1.8	
26	373.279	1432.9	-0.3	-0.3	-1.2	-2	1	7121599	-2.2	
26	372.979	1432.9	0.4	0.9	-0.9	-1.6	0.6	7320804	-2.4	
26	372.679	1432.9	-0.6	0.3	-0.6	-2.1	0.4	7451068	-2.2	
26	372.379	1433	-0.3	0.2	-0.1	-1.9	0.1	7531475	-2.5	
26	372.079	1433	0.8	1.5	0.2	-0.9	0.2	7531475	-2.6	
26	371.779	1433	-0.4	1.4	0.2	-1.2	0.4	7424646	-2.4	
26	371.479	1433.2	-1	0.1	0.3	-2.4	0.7	7244810	-2.5	
26	371.179	1433.2	-1	-0.2	0.1	-2.7	0.8	7026007	-2.3	
26	370.879	1433.2	-1	-1.1	0.1	-2.2	0.9	6797890	-2.3	
26	370.579	1433.1	-0.8	0	0	-2.3	0.9	6667994	-2.5	
26	370.279	1432.8	-0.8	-0.6	-0.4	-1.3	0.9	6604890	-2.5	
26	369.979	1432.5	-1.4	-1.3	-0.7	-1.6	0.7	6667994	-2.4	
26	369.679	1431.7	-1.8	-1.9	-1.4	-2.3	0.5	6887336	-1.9	
26	369.379	1431.3	-2.3	-2.3	-1.5	-2.1	0.3	7244810	-1.7	
26	369.079	1431.2	-1.7	-1.6	-1.6	-1.2	0.2	7726015	-2.3	
26	368.779	1431.3	-1	-0.3	-1.5	-0.7	0.3	8308532	-2.6	
26	368.479	1431.6	-1.8	-0.2	-1.3	-1.3	0.6	8871822	-2.6	
26	368.179	1431.5	-2.3	-0.8	-1.5	-1.9	0.8	9264381	-2.5	
26	367.879	1431.6	-3.3	-1.7	-1.4	-3.1	0.9	9347098	-2	
26	367.579	1432	-4.2	-2.6	-1.2	-2.7	1	9063853	-1.4	
26	367.279	1432.2	-3.6	-1.8	-0.9	-1.8	1	8476721	-1.2	
26	366.979	1432.1	-3.3	-2	-0.9	-0.4	0.9	7726015	-0.5	
26	366.679	1432	-4.7	-3.5	-0.9	-1.2	0.7	7026007	0	
26	366.379	1431.7	-4.8	-3.1	-0.9	-1.2	0.4	6422546	0.8	
26	366.079	1431.4	-5.1	-3.7	-1	-0.1	0.1	5982143	1.6	
26	365.779	1431.3	-5	-3.1	-0.6	0.6	-0.2	5736302	1.3	
26	365.479	1431.4	-3.7	-2.5	-0.4	2.1	-0.2	5705041	1	
26	365.179	1431.8	-4.3	-3	-0.1	0.9	-0.1	5864846	0.1	
26	364.879	1432.4	-4.1	-2.9	0.2	0	0.1	6212908	-0.7	
26	364.579	1432.8	-4.5	-3.7	0.5	-1.4	0.3	6732315	-1	
26	364.279	1433.2	-5.2	-4.8	0.8	-2	0.4	7424646	-1.4	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
26	363.979	1433.2	-4.7	-3.9	0.9	-2.4	0.3	8243110	-1.9	
26	363.679	1433	-5.1	-4.6	0.8	-2.8	0.2	9024785	-2	
26	363.379	1432.7	-6.2	-5.8	0.4	-3.8	0.1	9517046	-1.9	
26	363.079	1432.4	-6.2	-6.1	0	-4.6	0.1	9473982	-1.7	
26	362.779	1432.1	-6.1	-6.2	-0.6	-4.2	0	8947650	-1.5	
26	362.479	1431.9	-6	-5.4	-1	-4.1	0	8275692	-1.3	
26	362.179	1431.9	-4.9	-4.5	-1.2	-2.8	0.1	7586051	-1.1	
26	361.879	1432	-4.4	-4.5	-1.6	-1.4	0.4	7049664	-1	
26	361.579	1432.3	-3.6	-2.7	-1.6	-1.5	0.7	6667994	-0.9	
26	361.279	1432.5	-3.4	-2.9	-1.3	-1.2	1	6442308	-0.6	
26	360.979	1433.1	-3.6	-3.3	-0.8	-0.5	1.3	6383384	-0.8	
26	360.679	1433.2	-2.8	-2.5	-0.4	-0.4	1.3	6482198	-1	
26	360.379	1433.5	-2.4	-2.8	0	0.1	1.3	6710737	-1.1	
26	360.079	1433.4	-2.2	-1.6	0.2	0.5	1	7097458	-1.1	
26	359.779	1433.2	-1.9	-1.6	0.4	0.3	0.5	7531475	-1	
26	359.479	1433.2	-2.7	-3.5	0.7	-0.7	0	7991412	-0.8	
26	359.179	1433.1	-1.3	-0.9	0.8	0.2	-0.5	8442541	-1.2	
26	358.879	1432.7	-0.6	0.4	0.5	0.5	-0.9	8909575	-1.2	
26	358.579	1432.5	-1.6	-0.6	0.2	0.1	-1.1	9389014	-1.2	
26	358.279	1432.3	-0.6	0.4	-0.1	0.8	-1.1	9922986	-1.4	
26	357.979	1432.3	-1.2	-0.4	-0.3	-0.3	-0.8	10416667	-1.3	
26	357.679	1432.4	-1.6	-0.8	-0.4	-0.5	-0.5	10848446	-1.4	
26	357.379	1432.8	-1.5	-0.1	-0.5	-1.7	0.1	11256721	-1.8	
26	357.079	1433	-1.3	0.5	-0.7	-1.1	0.7	11631945	-2	
26	356.779	1433.4	-1.9	0.4	-0.7	-2.3	1.1	11762641	-2.2	
26	356.479	1433.7	-1.2	0.5	-0.4	-2.5	1.4	11567680	-2.3	
26	356.179	1433.7	-2.2	-1.2	-0.4	-3.2	1.4	11136968	-2.2	
26	355.879	1433.7	-2.7	-0.9	-0.1	-3.8	1	10521357	-2.1	
26	355.579	1433.3	-2	0.3	0.1	-2.7	0.4	9876179	-1.8	
26	355.279	1433.2	-2.8	0.5	0.2	-2.6	-0.1	9264381	-1.7	
26	354.979	1433.1	-1.4	2.8	0.2	-1.3	-0.5	8797269	-1.8	
26	354.679	1432.8	-1.7	1.9	0.1	-2	-0.8	8511179	-1.8	
26	354.379	1432.9	-2.3	1	0.1	-1.5	-0.9	8375000	-1.7	
26	354.079	1432.8	-1.4	3.3	-0.2	-2	-0.8	8375000	-2.1	
26	353.779	1432.9	-0.8	4	-0.4	-0.5	-0.4	8375000	-2.1	
26	353.479	1433.3	-1.4	3.7	-0.6	-0.6	0.4	8341634	-2.4	
26	353.179	1433.4	-0.9	4.1	-0.7	-1.1	1.1	8243110	-2.4	
26	352.879	1433.7	-2.2	1.5	-1	-1.8	1.9	8146887	-1.9	
26	352.579	1434.1	-2.2	2.1	-0.8	-3.1	2.3	7961027	-2.2	
26	352.279	1434	-1.6	2.5	-0.6	-2.2	2.4	7726015	-2.2	
26	351.979	1433.9	-3.1	1.4	-0.5	-3	2.3	7451068	-2.2	
26	351.679	1433.8	-1.8	3.4	-0.4	-2.2	2.1	7195017	-2.2	
26	351.379	1433.6	-2.6	2.1	-0.2	-3.2	1.8	6979167	-2	
26	351.079	1433.2	-3.7	1.4	-0.1	-4	1.1	6842320	-2.1	
26	350.779	1432.8	-2.3	3.9	0.2	-3.1	0.4	6775890	-2.4	
26	350.479	1432.5	-1.7	4.5	0.3	-1.9	-0.2	6710737	-2.6	
26	350.179	1432.1	-1.2	4.9	0.3	-2.2	-0.8	6625791	-2.8	
26	349.879	1431.7	-1.4	4.6	0.2	-2.2	-1	6502329	-2.6	
26	349.579	1431.4	-2.4	2.5	0	-2.1	-1.1	6325529	-2.2	
26	349.279	1431.3	-2.2	2.2	-0.2	-2.7	-1.1	6086483	-2.3	
26	348.979	1431	-2	1.6	-0.5	-1.9	-1.1	5832173	-2	
26	348.679	1431	-2.3	1.1	-0.6	-0.9	-0.9	5539021	-1.8	
26	348.379	1431	-2.3	1.3	-0.7	-0.9	-0.6	5247494	-1.3	
26	348.079	1431.1	-2.7	0.1	-1	-1.7	-0.2	4985119	-1.2	
26	347.779	1431.1	-1.4	1	-1.3	-1	0.1	4780251	-1.4	
26	347.479	1431.1	-2	0.2	-1.5	-1	0.3	4632191	-1.4	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
26	347.179	1431.1	-1.9	0	-1.6	-1.3	0.4	4571507	-1.6	
26	346.879	1431.4	-1.7	1	-1.5	-1.5	0.7	4591557	-1.8	
26	346.579	1431.6	-1.7	-0.4	-1.5	-1.7	1	4652778	-1.8	
26	346.279	1431.7	-2.6	-2	-1.4	-2.7	1.1	4726298	-1.7	
26	345.979	1431.9	-3	-1.4	-1.3	-2.6	1.2	4802179	-1.6	
26	345.679	1432.2	-2.6	-2	-0.9	-2.3	1.1	4824309	-1.5	
26	345.379	1432.5	-2.5	-1.3	-0.7	-2.4	1.2	4758523	-1	
26	345.079	1432.9	-3.4	-1.8	-0.4	-3.3	1.1	4621965	-1	
26	344.779	1433.2	-2.1	-0.6	0	-2.2	0.9	4417194	-1.1	
26	344.479	1433.2	-1.8	-0.5	-0.2	-2.1	0.7	4170817	-0.9	
26	344.179	1433.2	-1.6	0.3	-0.1	-1.8	0.4	3928237	-1	
26	343.879	1433	-0.9	0.3	-0.3	-0.6	0.3	3712323	-0.9	
26	343.579	1433	-1.7	0.5	-0.4	-0.9	0.3	3548729	-0.8	
26	343.279	1433	-0.8	1.9	-0.6	-0.7	0.4	3455033	-1	
26	342.979	1433	-0.8	1.2	-0.7	-0.8	0.4	3426760	-1.3	
26	342.679	1433.2	-0.1	2.7	-0.9	0	0.6	3472223	-1.8	
26	342.379	1433.5	0	1.4	-1	-0.5	0.8	3585189	-2.2	
26	342.079	1433.9	0.5	2.2	-1	-0.9	1.1	3752241	-2.5	
26	341.779	1434.2	0.2	2.5	-1	-1.7	1.4	3972961	-2.7	
26	341.479	1434.3	0.2	1.6	-1	-2	1.6	4264257	-2.7	
26	341.179	1434.3	-0.2	0.6	-0.9	-2.1	1.6	4632191	-2.9	
26	340.879	1434.3	0.3	1.7	-0.9	-1.9	1.6	5045181	-2.8	
26	340.579	1434.1	0	0.9	-1	-2.3	1.6	5438312	-2.6	
26	340.279	1434.1	-0.4	1.8	-1.2	-2.4	1.7	5767907	-2.1	
26	339.979	1434.3	-1.3	0.9	-1.1	-3	1.6	5948154	-1.8	
26	339.679	1434.4	-0.3	1.3	-1	-2.5	1.4	5982143	-1.9	
26	339.379	1434.4	0	3.1	-1	-2.1	1.3	5881320	-1.8	
26	339.079	1434.3	0	1.8	-0.9	-2.3	1	5643531	-1.8	
26	338.779	1434.2	-0.2	2.4	-1	-1.7	1	5287248	-1.4	
26	338.479	1434.1	-0.5	3.2	-1	-2	1	4891940	-1.3	
26	338.179	1434	0.2	2.5	-0.8	-1.6	1	4512393	-1.4	
26	337.879	1434	-0.2	1.5	-0.6	-1.9	1	4187500	-1.6	
26	337.579	1434	-0.1	1.1	-0.4	-1.3	0.9	3920881	-1.9	
26	337.279	1434.1	0.1	1.5	-0.3	-1.6	0.7	3712323	-2.1	
26	336.979	1434.1	0.4	2.8	-0.4	-1.5	0.5	3554754	-2.4	
26	336.679	1434.1	0.8	3	-0.4	-1.4	0.5	3460744	-2.6	
26	336.379	1434.2	0.4	2.4	-0.5	-1.6	0.7	3421161	-2.6	
26	336.079	1433.9	0.1	2.4	-0.7	-2.1	0.7	3421161	-2.9	
26	335.779	1433.5	0.8	3.1	-1	-1.8	0.8	3455033	-3.2	
26	335.479	1433.1	0.7	3.4	-1.6	-1.7	1	3501255	-3.2	
26	335.179	1432.8	-0.1	1.3	-2	-2.4	1.2	3566866	-3.2	
26	334.879	1433	-0.5	1.5	-2.3	-2.1	1.6	3634983	-3	
26	334.579	1433.5	-1	0.9	-2.2	-2.9	2	3686180	-2.8	
26	334.279	1433.7	-0.8	0.9	-2.2	-3	2.2	3725534	-2.7	
26	333.979	1433.8	-0.9	0.8	-2.2	-2.4	2.3	3738840	-2.6	
26	333.679	1433.7	-0.9	1.7	-2	-2.1	2.2	3752241	-2.4	
26	333.379	1433.5	-1.3	1.7	-1.5	-3.2	2	3765738	-2.2	
26	333.079	1433.3	-1.5	1.1	-1	-3.1	1.6	3786167	-2.2	
26	332.779	1433.2	-1.7	0.8	-0.3	-2.8	1.1	3813753	-2.4	
26	332.479	1433.2	-2.8	0.6	0.1	-3.5	0.4	3863008	-2.4	
26	332.179	1433.4	-2.2	-0.1	0.6	-2.9	-0.2	3920881	-2.4	
26	331.879	1433.4	-1.7	0.1	0.9	-2.5	-0.8	3995706	-2.2	
26	331.579	1433.2	-2.5	-0.9	1	-3.3	-1.5	4073444	-2	
26	331.279	1433	-2.5	-1.6	1.3	-3.4	-2.1	4129685	-1.8	
26	330.979	1432.5	-1.4	0.3	1.2	-1.5	-2.6	4170817	-1.4	
26	330.679	1432.3	-1.9	-1.1	1.1	-1.5	-2.6	4195892	-1	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
26	330.379	1432.1	-2.4	-1.6	0.9	-1.3	-2.4	4212777	-0.4	
26	330.079	1432.3	-2.9	-2.8	0.8	-0.2	-1.9	4246958	0.4	
26	329.779	1432.5	-2.4	-2.4	0.4	0.1	-1.2	4281698	0.4	
26	329.479	1432.9	-2	-2.5	0.2	0.1	-0.5	4308128	0.2	
26	329.179	1433.5	-1.5	-1.7	0	0.6	0.4	4343880	-0.6	
26	328.879	1434	-0.9	-1.1	-0.5	0.5	1.4	4371086	-1.1	
26	328.579	1434.3	-1.2	-1	-1	-0.4	2.3	4417194	-1.6	
26	328.279	1434.3	-1.2	-1.5	-1.6	-1.5	3	4473825	-2.2	
26	327.979	1434	-1.4	-1.4	-2.2	-1.6	3.4	4522139	-2.5	
26	327.679	1433.6	-1.7	-1.3	-3	-1.2	3.5	4551631	-3	
26	327.379	1433.3	-2.1	-0.8	-3.3	-2.1	3.3	4541757	-3	
26	327.079	1433.1	-2	-1.7	-3.6	-1.8	2.9	4483405	-2.8	
26	326.779	1433	-2.9	-2.9	-3.5	-2.8	2.3	4407895	-2.7	
26	326.479	1433.2	-2.4	-2.4	-3.1	-1.7	1.7	4325930	-2.2	
26	326.179	1433.4	-3.3	-3.1	-2.4	-2.3	1.1	4246958	-2	
26	325.879	1433.5	-1.8	-1.3	-1.9	-1.2	0.6	4170817	-1.9	
26	325.579	1433.5	-2.2	-2.4	-1.3	-0.9	0.3	4097359	-1.3	
26	325.279	1433.9	-4	-3.8	-0.3	-2	0.1	4049807	-0.8	
26	324.979	1434.2	-3.6	-3.5	0.5	-1.5	0	4018714	-0.4	
26	324.679	1434.7	-4.1	-4.2	1.3	-1.6	0.1	4018714	0.1	
26	324.379	1434.9	-4	-4.4	1.6	-0.8	0.1	4049807	0.5	
26	324.079	1435.2	-4.8	-5.6	1.8	-1.8	0.2	4097359	1	
26	323.779	1435.2	-4.7	-5.1	1.7	-1	0.1	4154266	1.2	
26	323.479	1435.2	-3.8	-3.9	1.7	-0.9	0.1	4221271	1.3	
26	323.179	1434.9	-3.9	-4.7	1.5	-1.1	0.1	4290472	1.4	
26	322.879	1434.6	-3.9	-4.6	1.1	-0.5	0	4343880	1.1	
26	322.579	1434.1	-2.9	-2.8	0.7	-0.2	-0.1	4380230	0.6	
26	322.279	1433.6	-2.7	-2.2	0	-0.1	0	4380230	0.2	
26	321.979	1433.4	-2.4	-1.4	-0.3	-1	0.1	4371086	-0.4	
26	321.679	1433.3	-1.7	-0.9	-0.6	-0.6	0.4	4325930	-1	
26	321.379	1433.4	-1.6	-0.7	-0.8	-0.6	0.9	4221271	-1.4	
26	321.079	1433.3	-1.3	-0.4	-1.1	-1.6	1.1	4073444	-2	
26	320.779	1433.1	-0.6	0.7	-1.2	-1.6	1.3	3898976	-2.4	
26	320.479	1433	-0.5	1	-1.2	-1.7	1.4	3732175	-3	
26	320.179	1432.7	-0.5	1.2	-1.3	-2.7	1.3	3579060	-3.5	
26	319.879	1432.4	-0.6	2.2	-1.4	-3	1.2	3460744	-3.7	
26	319.579	1432.2	0.3	2.5	-1.6	-2.7	1.1	3377017	-4.3	
26	319.279	1431.8	0.7	2.4	-1.8	-3.3	0.9	3333997	-4.7	
26	318.979	1431.4	-0.1	2.4	-2	-3.7	0.7	3350000	-4.5	
26	318.679	1431.3	0.4	2.9	-2.1	-3.9	0.5	3432378	-4.8	
26	318.379	1431.1	1.1	2.5	-2.1	-3.4	0.4	3579060	-4.6	
26	318.079	1431.1	0.4	2.3	-2.4	-3.8	0.5	3793026	-4.4	
26	317.779	1431.3	0.4	2.8	-2.2	-3.5	0.7	4081384	-4.2	
26	317.479	1431.6	0	2.9	-2.2	-3.4	1	4398635	-3.5	
26	317.179	1432	-0.1	2.3	-2.1	-3.7	1.3	4715653	-3.2	
26	316.879	1432	0.3	2.3	-1.9	-3.4	1.3	4973278	-2.8	
26	316.579	1432.1	-0.2	1.3	-1.7	-2.6	1.4	5131741	-2.3	
26	316.279	1432.6	0.4	1.3	-1.4	-2.1	1.6	5169753	-2.2	
26	315.979	1432.6	0.4	1.6	-1.4	-2	1.6	5081918	-1.7	
26	315.679	1432.9	0.2	1.4	-1.1	-1.2	1.7	4903396	-1.3	
26	315.379	1433	-0.1	1.3	-1	-1.4	1.6	4694507	-1.3	
26	315.079	1433.2	0.5	2.2	-0.7	-0.4	1.6	4493026	-1.2	
26	314.779	1433.4	0.5	2.6	-0.8	0.2	1.6	4343880	-1.3	
26	314.479	1433.4	1.2	3.2	-0.7	-0.6	1.6	4264257	-1.8	
26	314.179	1433.4	0.2	3.1	-0.7	-1.7	1.6	4238361	-2	
26	313.879	1433.5	0.2	2.6	-0.9	-1.6	1.6	4272960	-2.2	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
26	313.579	1433.6	0.3	3.6	-0.6	-2	1.4	4325930	-2.3	
26	313.279	1433.5	-0.1	1.7	-0.7	-1.9	1.2	4426533	-2.4	
26	312.979	1433.5	-0.3	1.9	-0.7	-1.5	1	4561547	-2.4	
26	312.679	1433.1	-0.5	3.5	-1	-1.6	0.7	4715653	-1.9	
26	312.379	1433.2	-1.8	1.8	-0.7	-2.4	0.4	4857889	-1.9	
26	312.079	1433.1	-0.3	3.8	-0.4	-1.8	-0.1	4985119	-2.2	
26	311.779	1432.9	0	4	-0.2	-0.7	-0.3	5094283	-1.9	
26	311.479	1433	-1.2	3.6	-0.2	-1.3	-0.3	5208334	-2.1	
26	311.179	1433.1	-0.3	4.4	-0.2	-0.9	-0.3	5354860	-2.4	
26	310.879	1433.1	-1.4	2.4	-0.3	-1.3	-0.3	5495407	-2.4	
26	310.579	1433.3	-2.2	1.7	-0.2	-2.1	-0.2	5628360	-2.6	
26	310.279	1433.5	-2.1	1.8	0.1	-2.5	0	5705041	-2.5	
26	309.979	1433.6	-3	-0.1	-0.1	-2.8	0.1	5720629	-2.6	
26	309.679	1433.7	-2.6	0.1	-0.1	-3.9	0.3	5674120	-3	
26	309.379	1433.5	-2.5	-0.1	-0.3	-3.6	0.3	5583334	-3.1	
26	309.079	1433.6	-4.2	-2.5	0	-5.1	0.1	5452474	-3.2	
26	308.779	1433.6	-3.9	-2.3	0	-4.7	-0.1	5273930	-2.6	
26	308.479	1433.8	-4.9	-3.6	0.2	-4.3	-0.2	5081918	-1.7	
26	308.179	1433.9	-5.1	-4.5	0.3	-4.2	-0.3	4891940	-1.5	
26	307.879	1433.7	-3.7	-3.2	0.2	-2.4	-0.5	4758523	-1.1	
26	307.579	1434	-3.7	-3.2	0.2	-1.9	-0.2	4694507	-0.7	
26	307.279	1433.9	-3.1	-2.5	-0.3	-0.9	0.1	4715653	-0.2	
26	306.979	1434	-4	-4.3	-0.4	-1.3	0.6	4835451	0.5	
26	306.679	1434	-3.3	-4	-0.8	0	1	5020984	0.5	
26	306.379	1434.2	-3.3	-3.2	-0.9	0	1.4	5300633	0.5	
26	306.079	1434.4	-3.2	-3.6	-1.2	0.2	1.8	5705041	0.2	
26	305.779	1434.5	-2.6	-3.7	-1.4	0.7	2.1	6231399	-0.2	
26	305.479	1434.5	-2.8	-3.2	-1.3	-0.5	2.2	6932947	-0.7	
26	305.179	1434.5	-1.9	-2.3	-1.4	-0.7	2.1	7726015	-1.6	
26	304.879	1434.4	-2.3	-2.3	-1	-2.2	1.6	8545919	-2.3	
26	304.579	1434.1	-1.8	-1.7	-0.9	-1.9	1	9389014	-3	
26	304.279	1434	-1.4	-1.7	-0.4	-2.4	0.4	10163835	-3.8	
26	303.979	1433.9	-1.8	-1.6	-0.1	-3.4	-0.2	10848446	-4.3	
26	303.679	1433.9	-1.6	-2	-0.1	-3.7	-0.5	11441257	-4.9	
26	303.379	1433.7	-2	-2.4	0.1	-5.1	-1	11829096	-5.5	
26	303.079	1433.5	-2.2	-2.4	0.3	-5.3	-1.3	12033046	-5.7	
26	302.779	1433.6	-1.9	-1.8	0.3	-5.4	-1.5	12244152	-5.8	
26	302.479	1433.7	-1.6	-2.1	0.4	-5.1	-1.4	12389053	-5.7	
26	302.179	1434	-1.9	-2.4	0.5	-5.2	-1.1	12537425	-5.5	
26	301.879	1434.1	-2.3	-3.5	0.3	-5.6	-0.8	12389053	-5.1	
26	301.579	1434.3	-2.1	-2.3	0.3	-4.6	-0.5	12033046	-4.6	
26	301.279	1434.6	-2.4	-2.6	0.2	-4.9	-0.2	11631945	-4.2	
26	300.979	1434.7	-2.2	-2.5	0.3	-3.8	0.1	11136968	-3.6	
26	300.679	1434.6	-2.3	-2.2	-0.1	-3	0.4	10574495	-3	
26	300.379	1435	-2.6	-2.3	-0.1	-3	0.9	9970238	-2.7	
26	300.079	1435.1	-2.1	-1.6	-0.4	-2.2	1.2	9431306	-2.4	
26	299.779	1435.1	-2.6	-0.8	-0.8	-2.4	1.5	8909575	-2.2	
26	299.479	1435.2	-2.1	-1.8	-0.7	-1.8	1.7	8580943	-2.2	
26	299.179	1435	-2.5	-2.5	-1.1	-1.8	1.8	8375000	-2.1	
26	298.879	1435.2	-1.7	-0.5	-1.2	-1.1	2	8275692	-2.4	
26	298.579	1435	-2.1	-1.8	-1.3	-2.2	2	8243110	-2.5	
26	298.279	1435	-2.5	-1.1	-1.2	-1.9	2	8375000	-2.5	
26	297.979	1434.8	-2.8	-0.6	-1.1	-2.7	1.7	8616255	-2.7	
26	297.679	1434.8	-3.1	-1	-0.8	-2.7	1.3	8909575	-2.5	
26	297.379	1434.7	-3	0	-0.4	-3.1	0.8	9347098	-2.6	
26	297.079	1434.4	-2.6	0	0	-2.5	0.2	9922986	-2.6	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
26	296.779	1434.3	-3.4	-0.9	0.6	-2.2	-0.3	10574495	-2.2	
26	296.479	1434.2	-3.6	0.6	0.9	-3.6	-0.8	11196524	-2.2	
26	296.179	1433.9	-2.6	1.3	1.3	-2.4	-1.2	11631945	-2	
26	295.879	1433.8	-4	0.9	1.5	-3.8	-1.5	11896307	-1.6	
26	295.579	1433.4	-2.9	2.2	1.4	-2.3	-1.7	12033046	-1.3	
26	295.279	1433.4	-3.6	0.1	1.4	-2.2	-1.5	12102601	-0.9	
26	294.979	1433.5	-2.3	1.4	1.1	-1.3	-1	12172965	-1.2	
26	294.679	1433.2	-3.2	-0.1	0.7	-1.9	-0.6	12102601	-0.8	
26	294.379	1433	-4.2	-0.2	0.1	-2	-0.1	11964286	-0.3	
26	294.079	1433	-2.8	0.5	-0.4	-0.7	0.3	11964286	-0.3	
26	293.779	1432.7	-2.2	1.1	-0.8	-0.6	0.6	11896307	-0.3	
26	293.479	1432.6	-1	2.2	-1.3	0.6	0.8	11964286	-1	
26	293.179	1432.6	-0.9	1.7	-1.3	-0.2	0.9	11896307	-1.6	
26	292.879	1432.3	-1.5	1.3	-1.6	-0.6	0.7	11567680	-1.8	
26	292.579	1432.1	-1.3	0.6	-1.8	-1.4	0.5	10904948	-2.2	
26	292.279	1431.8	-1.6	0.7	-1.9	-1.4	0.2	9970238	-2.6	
26	291.979	1431.8	-1.7	0.1	-1.6	-1	0.1	9024785	-2.9	
26	291.679	1431.9	-1.1	0.3	-1.7	-1.5	0.2	8178711	-3.4	
26	291.379	1431.9	-1.3	0.5	-1.7	-2	0.3	7477679	-3.7	
26	291.079	1432.3	-1.2	0.4	-1.6	-3	0.5	6932947	-3.8	
26	290.779	1432.5	-1.7	0.3	-1.5	-3.6	0.7	6542969	-3.9	
26	290.479	1432.9	-1.9	0.3	-1.1	-4	1	6306476	-3.7	
26	290.179	1433.2	-1.9	0	-0.8	-4.2	1.2	6306476	-3.6	
26	289.879	1433.7	-2.3	-0.7	-0.3	-4.2	1.4	6502329	-3.6	
26	289.579	1433.7	-2.9	-1	0	-4.4	1.2	6887336	-3.6	
26	289.279	1433.9	-3.3	-1	0.3	-5.3	0.9	7504480	-3.1	
26	288.979	1434	-3.7	-1.6	0.7	-4.9	0.4	8308532	-2.4	
26	288.679	1434.2	-3.1	-0.7	1	-4.3	0	9347098	-2.5	
26	288.379	1434.1	-3	-0.8	1.2	-4	-0.6	10521357	-2.6	
26	288.079	1433.8	-1.7	0.6	1.2	-2.4	-1	11631945	-2.6	
26	287.779	1433.5	-1.4	1.2	1	-2.3	-1.3	12462798	-2.7	
26	287.479	1433.4	-1.8	0.3	0.6	-2.6	-1.3	12689394	-2.5	
26	287.179	1433.3	-2.6	0	0.4	-2.5	-1.2	12316177	-2.3	
26	286.879	1433.6	-1.1	1	0.1	-1.8	-0.7	11441257	-2.4	
26	286.579	1433.9	-1.1	1.4	0.1	-1.9	-0.1	10416667	-2.4	
26	286.279	1434.2	-1.4	0.3	-0.3	-2.5	0.7	9347098	-2.4	
26	285.979	1434.4	-1.5	0.6	-0.5	-2.8	1.4	8375000	-2.5	
26	285.679	1434.3	-1.9	0.6	-0.9	-3.7	1.9	7613637	-2.3	
26	285.379	1434.5	-1.6	1.2	-0.7	-4.4	2.1	7002509	-2.6	
26	285.079	1434.4	-1.1	2	-0.8	-4.1	2	6584120	-3	
26	284.779	1434.5	-1.8	1.2	-0.7	-4.2	1.7	6325529	-3.3	
26	284.479	1434.4	-0.1	2.5	-0.9	-3.9	1.2	6194527	-3.7	
26	284.179	1433.9	0.6	4	-1	-3.9	0.4	6104228	-3.9	
26	283.879	1433.4	0.5	4.1	-1.1	-3.6	-0.1	6068841	-3.8	
26	283.579	1433	0.7	3.3	-1.1	-3.9	-0.6	6051301	-4.2	
26	283.279	1432.7	0.7	4.7	-0.8	-3.1	-0.9	6033862	-4.2	
26	282.979	1432.7	1.7	4.6	-0.7	-2.5	-0.8	6016523	-4.4	
26	282.679	1432.9	1.8	5.4	-0.5	-2.6	-0.4	5914548	-4.3	
26	282.379	1433.7	0.8	3.1	-0.4	-3	0.4	5767907	-4.3	
26	282.079	1434.6	1.3	4.5	0	-3.4	1.1	5583334	-4.6	
26	281.779	1435.1	2.2	6.4	0.5	-3.3	1.6	5410207	-4.8	
26	281.479	1435.1	2	4.8	0.5	-3.4	1.9	5300633	-4.8	
26	281.179	1434.9	2.4	4.6	0.3	-3.5	2	5221322	-4.9	
26	280.879	1434.5	1	2	0	-4.7	1.9	5195410	-4.5	
26	280.579	1434	1.2	2.1	-0.4	-4.7	1.6	5234375	-4.3	
26	280.279	1433.3	1.3	2.8	-0.7	-4.4	0.9	5341199	-4	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
26	279.979	1432.8	0.7	2	-1	-3.9	0.2	5539021	-3.5	
26	279.679	1432.5	0.4	2	-1.2	-3.9	-0.3	5799862	-3.2	
26	279.379	1432	0.9	2.6	-1.5	-3.4	-0.8	6051301	-2.7	
26	279.079	1432	0.7	1.8	-1.4	-2.5	-0.9	6250000	-1.8	
26	278.779	1432.2	1.3	2.6	-1.2	-2	-0.8	6344697	-1.4	
26	278.479	1432.5	1.8	3	-1	-0.2	-0.5	6363982	-1.4	
26	278.179	1433	1.6	3.3	-0.8	-0.5	0.1	6250000	-1.6	
26	277.879	1433.2	1.6	3.5	-0.6	-0.4	0.5	6086483	-1.9	
26	277.579	1433.4	1.4	3.3	-0.5	-0.7	1	5897888	-2.2	
26	277.279	1433.4	1	3.3	-0.6	-0.9	1.3	5720629	-2.6	
26	276.979	1433.4	1.1	4	-0.3	-1	1.5	5598262	-2.9	
26	276.679	1433.5	0.8	4.1	-0.5	-1.5	1.5	5553714	-3.5	
26	276.379	1433.5	1.4	5.1	-0.8	-1.5	1.5	5598262	-3.9	
26	276.079	1433.5	0.2	3.3	-1	-3.2	1.4	5767907	-4	
26	275.779	1433.3	-0.3	2.7	-1.4	-3.6	1	6051301	-4	
26	275.479	1433.4	-1	0.7	-1.2	-4	0.7	6422546	-3.8	
26	275.179	1433.1	-0.9	0.5	-1.5	-3.4	0.4	6775890	-3.4	
26	274.879	1433	-1.8	0	-1.5	-4	0.3	7073480	-3	
26	274.579	1432.5	-2.5	0.1	-1.8	-3.8	0.1	7244810	-2.3	
26	274.279	1433	-3.1	-2	-1.4	-3.9	0.4	7219828	-1.7	
26	273.979	1433.4	-3.3	-2.2	-0.8	-3.9	0.5	7002509	-1.3	
26	273.679	1433.7	-3	-1.6	-0.5	-2.8	0.7	6689297	-0.8	
26	273.379	1434.3	-3.1	-1.6	0.2	-2.2	0.9	6306476	-0.4	
26	273.079	1434.6	-3.1	-1.2	0.5	-1.8	1	5965100	-0.2	
26	272.779	1435	-3.3	-1.7	0.9	-2.7	1.3	5720629	-0.2	
26	272.479	1435	-2.7	-1.6	1	-2	1.4	5613271	-0.4	
26	272.179	1435	-3.1	-1.3	1.2	-2.1	1.4	5674120	-0.7	
26	271.879	1434.6	-2.6	-2.5	0.5	-1.8	1.3	5881320	-1.2	
26	271.579	1434	-2.7	-3.3	-0.1	-1.9	1	6194527	-1.3	
26	271.279	1433.6	-2.2	-2.7	-0.9	-2.1	0.9	6604890	-1.6	
26	270.979	1433.1	-2.2	-2.9	-1.5	-1.5	0.7	7026007	-1.7	
26	270.679	1432.7	-2.1	-2.8	-1.9	-1.9	0.4	7398410	-1.9	
26	270.379	1432.5	-0.6	-2.3	-2.1	-1.2	0.2	7586051	-2.9	
26	270.079	1432.2	-0.4	-2.2	-1.9	-2	-0.2	7451068	-3.6	
26	269.779	1432.3	-0.9	-1.7	-1.7	-2.6	-0.3	7073480	-3.9	
26	269.479	1432.5	-0.8	-2.1	-1.2	-2.5	-0.3	6604890	-4	
26	269.179	1432.8	-0.9	-3.1	-0.6	-2.8	-0.2	6140030	-4.2	
26	268.879	1433.4	-0.4	-2.4	0.1	-3.8	-0.1	5736302	-4.8	
26	268.579	1433.6	-1.6	-4	0.6	-4.6	-0.1	5424223	-4.4	
26	268.279	1433.9	-1.1	-2.1	1.1	-4.1	0	5247494	-4.2	
26	267.979	1433.8	-1.3	-2.5	1.2	-4.5	-0.1	5208334	-4	
26	267.679	1433.7	-1.3	-2.6	1.2	-4.4	-0.2	5300633	-3.7	
26	267.379	1433.7	-1.4	-2.1	1.1	-4	-0.2	5524407	-3.2	
26	267.079	1433.4	-2.1	-2.5	0.9	-3.9	-0.4	5832173	-2.3	
26	266.779	1433.2	-1.9	-2.8	0.4	-2.9	-0.4	6212908	-1.6	
26	266.479	1433.2	-0.5	-1.2	0.1	-1.8	-0.4	6604890	-1.5	
26	266.179	1433.1	-0.7	-2	-0.1	-0.9	-0.4	7049664	-1.1	
26	265.879	1433	-0.3	-2.1	-0.5	-0.8	-0.3	7531475	-0.9	
26	265.579	1432.9	-1	-2.6	-0.6	-0.7	-0.1	7930871	-0.1	
26	265.279	1433.2	-0.7	-2.3	-0.8	-0.4	0.4	8243110	-0.1	
26	264.979	1433.3	-0.2	-1.6	-0.9	-0.4	0.7	8476721	-0.6	
26	264.679	1433.4	-0.1	-1.1	-0.8	-0.6	1	8687760	-1	
26	264.379	1433.6	-0.3	-1.4	-1	-0.9	1.3	8909575	-1.5	
26	264.079	1433.6	-0.1	-0.9	-1.2	-1.7	1.3	9223568	-1.7	
26	263.779	1433.6	-0.1	-1.5	-1.2	-1.6	1.3	9517046	-1.7	
26	263.479	1433.7	0.3	0.1	-1.3	-1.8	1.3	9876179	-2.1	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
26	263.179	1433.5	0.6	0.9	-1.2	-1.6	1	10114734	-2.4	
26	262.879	1433.4	0.6	1.6	-1.3	-1.8	0.7	10163835	-2.4	
26	262.579	1433.3	0.6	1.5	-1.2	-1.8	0.3	10066106	-2.4	
26	262.279	1433.1	1.1	2.9	-1.2	-1.3	0	9829812	-2.2	
26	261.979	1433.3	0.1	2.6	-1	-1.7	-0.2	9431306	-1.9	
26	261.679	1433.7	0.3	3.4	-0.6	-1.8	-0.2	8947650	-1.9	
26	261.379	1433.9	0.4	3.7	-0.4	-1.2	-0.2	8408635	-1.5	
26	261.079	1434.3	0.3	3.3	-0.4	-0.8	0.1	8022031	-1.4	
26	260.779	1434.6	0.6	3.7	-0.1	-1.1	0.4	7812500	-1.4	
26	260.479	1434.8	0.7	3.8	-0.3	-1	0.9	7726015	-1.5	
26	260.179	1435.1	0.2	3.5	-0.2	-1.8	1.4	7841760	-1.8	
26	259.879	1435.3	0.6	3.3	-0.1	-1.4	1.7	8052885	-1.7	
26	259.579	1435.5	0.1	3.2	0	-1.8	1.8	8476721	-1.9	
26	259.279	1435.5	0.4	3	-0.1	-1.9	1.6	9143013	-2.2	
26	258.979	1435.4	0.4	3.1	-0.2	-1.5	1.5	10066106	-1.8	
26	258.679	1435.5	-0.9	1.3	0.2	-2.7	1.3	11136968	-1.6	
26	258.379	1435.2	0.1	2.3	0.4	-2.2	0.8	12172965	-1.8	
26	258.079	1434.9	-0.2	1.9	0.7	-2.3	0.4	13004659	-1.6	
26	257.779	1434.5	-0.1	0.5	0.9	-2.1	-0.2	13335987	-1.7	
26	257.479	1434.2	-0.4	0	1.2	-2.4	-0.6	13085938	-1.4	
26	257.179	1434.2	-0.1	0.8	1.4	-1.9	-0.7	12462798	-1.6	
26	256.879	1434.2	0	0.8	1.6	-2.6	-0.7	11567680	-1.8	
26	256.579	1434.2	-0.1	0.8	1.4	-2.8	-0.5	10628173	-1.7	
26	256.279	1433.8	0.1	0.5	0.8	-2.2	-0.5	9829812	-1.9	
26	255.979	1433.4	0.5	2.1	0.6	-2	-0.5	9183114	-1.9	
26	255.679	1432.9	0.3	1.4	-0.1	-1.9	-0.4	8687760	-1.9	
26	255.379	1432.5	0.5	1.8	-0.6	-2	-0.3	8408635	-2.3	
26	255.079	1431.9	0.7	2	-1.2	-1.2	-0.3	8408635	-1.8	
26	254.779	1431.5	0.4	1.8	-1.8	-0.8	-0.3	8651860	-1.1	
26	254.479	1431.1	1.2	3.3	-2.1	0.2	-0.5	9143013	-1	
26	254.179	1431.2	1.6	3.5	-2.1	0.6	-0.4	9922986	-1.4	
26	253.879	1431.4	1.7	2.2	-1.9	0.3	-0.2	10848446	-2.2	
26	253.579	1431.5	1.2	1.9	-1.6	-0.6	-0.1	11964286	-2.2	
26	253.279	1431.9	0.7	1	-1.2	-1.3	0.4	13335987	-2.3	
26	252.979	1432.3	0.6	1.6	-0.9	-1.2	0.9	14439655	-2.4	
26	252.679	1432.7	0.7	1.4	-0.5	-1.5	1.5	14849291	-2.5	
26	252.379	1432.9	0.4	0.6	-0.2	-1.3	1.9	14146960	-2.4	
26	252.079	1433.1	0	0.1	0	-2.4	2.3	12689394	-2.5	
26	251.779	1433.1	-0.6	-0.3	-0.1	-3.1	2.5	11136968	-2.2	
26	251.479	1433.2	-1.6	-1.5	0	-3.6	2.5	9876179	-1.9	
26	251.179	1433.1	-1.4	-1.3	0	-3.8	2.1	8947650	-2	
26	250.879	1432.6	-0.9	-1.2	-0.1	-3	1.4	8375000	-1.4	
26	250.579	1432.2	-1.6	-2.2	-0.3	-3.1	0.7	8083977	-1.1	
26	250.279	1431.6	-1.3	-1.9	-0.5	-2.6	-0.2	8146887	-0.7	
26	249.979	1431	-1.7	-2.3	-0.6	-2.4	-0.9	8580943	-0.3	
26	249.679	1430.6	-1.5	-2.6	-0.6	-1.8	-1.6	9431306	-0.3	
26	249.379	1430.2	-1	-1.1	-0.5	-1.2	-2.1	10682398	-0.4	
26	249.079	1430.1	-1.4	-1.7	-0.6	-0.7	-2.3	12033046	-0.4	
26	248.779	1430.5	-0.3	-0.7	-0.3	-0.8	-2.1	13421474	-1.1	
26	248.479	1430.8	0.6	0.3	-0.2	-0.5	-1.7	14539931	-1.5	
26	248.179	1431.3	0.3	-0.3	-0.1	-0.9	-1.1	14744718	-2.1	
26	247.879	1431.8	0.4	-0.3	0.2	-1.2	-0.5	14340754	-2.6	
26	247.579	1432.1	0.5	0.3	0.1	-1.2	0.1	13251582	-2.8	
26	247.279	1432.4	0.1	-0.5	0.1	-2.3	0.6	12033046	-3.2	
26	246.979	1432.5	0.3	0.2	0.1	-3.3	0.9	11019737	-3.1	
26	246.679	1432.8	-0.5	-0.9	0	-3.2	1.2	10416667	-3	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
26	246.379	1432.8	0.2	-0.2	-0.2	-3.7	1.2	10114734	-2.8	
26	246.079	1432.7	0.1	1	-0.3	-3.7	1.1	10066106	-2.1	
26	245.779	1432.8	-0.2	-0.3	-0.2	-3	1	10263481	-1.6	
26	245.479	1432.6	-0.6	-0.4	-0.4	-3.5	0.7	10737180	-1.2	
26	245.179	1432.7	-0.4	-0.3	-0.1	-3	0.4	11379076	-0.8	
26	244.879	1432.9	0	0.4	0.1	-2.4	0	12102601	-1.1	
26	244.579	1432.7	1.9	2	0	0	-0.3	12845092	-0.8	
26	244.279	1433	0.9	0.9	0.1	-0.4	-0.5	13168239	-0.7	
26	243.979	1433.2	2.5	2.6	-0.1	1.1	-0.5	13085938	-0.8	
26	243.679	1433.1	2.8	2.7	-0.2	0.7	-0.5	12766768	-0.8	
26	243.379	1432.8	2.2	1.7	-0.4	-0.1	-0.5	12102601	-1	
26	243.079	1432.8	3.1	2.8	-0.4	0.7	-0.2	11441257	-1.6	
26	242.779	1432.8	3.1	2.6	-0.6	0.7	0.3	10792526	-1.9	
26	242.479	1433.2	2.5	1.8	-0.7	-0.1	1	10314040	-2.3	
26	242.179	1433.6	2	1.6	-0.6	-1.9	1.7	9829812	-2.6	
26	241.879	1434	1.7	0.5	-0.6	-1.5	2.1	9389014	-2.6	
26	241.579	1434.8	1	-0.6	-0.2	-3.4	2.2	9024785	-3	
26	241.279	1435	2.5	0.8	0	-2.6	2	8651860	-3.4	
26	240.979	1434.7	2.8	1.6	-0.1	-1.9	1.7	8146887	-3.5	
26	240.679	1434.3	2.3	1.6	-0.4	-2.9	1.3	7586051	-3.4	
26	240.379	1433.6	1.5	0.9	-0.5	-3.6	0.7	7073480	-3.1	
26	240.079	1432.9	0.6	-0.1	-1	-3.3	0.1	6563480	-2.6	
26	239.779	1432.3	0.7	0.3	-1.2	-2.9	-0.5	6176254	-2.4	
26	239.479	1432	0.3	0.3	-1.4	-2	-0.8	5881320	-1.8	
26	239.179	1432.4	0.3	0.9	-1.5	-1.6	-0.6	5643531	-1.7	
26	238.879	1432.8	0.6	2.2	-1.6	-1.9	-0.3	5524407	-1.5	
26	238.579	1433.3	0.2	1.6	-1.4	-1.8	0.1	5598262	-0.9	
26	238.279	1433.9	0.5	1.4	-1.1	-1.6	0.6	5752061	-1.1	
26	237.979	1434	0.9	2.5	-1	-0.9	0.8	6016523	-1	
26	237.679	1434.3	0	1.3	-0.7	-1.1	1	6422546	-1.1	
26	237.379	1434.3	0.4	2.1	-0.5	-0.8	1	7026007	-1.3	
26	237.079	1434.3	-0.7	0.8	-0.3	-1	0.9	7812500	-1	
26	236.779	1434.3	-0.5	0.5	-0.2	-1.1	0.4	8797269	-1.3	
26	236.479	1434.4	-0.5	0.9	-0.2	-1.2	0.1	10066106	-1.3	
26	236.179	1434.4	-0.5	-0.2	-0.2	-0.4	-0.4	11504121	-1.3	
26	235.879	1434.5	-0.2	-0.8	-0.2	-0.7	-0.9	13004659	-1.6	
26	235.579	1434.7	0.2	-0.1	0.2	-0.2	-1.3	14641608	-1.3	
26	235.279	1435.1	-0.6	-1	0.3	-0.8	-1.4	15982825	-1.2	
26	234.979	1435.2	-0.9	-1.4	0.4	-1	-1.4	16885081	-0.8	
26	234.679	1435.4	-1.6	-1.7	0.4	-0.8	-1.3	16885081	-0.2	
26	234.379	1435.8	-1.6	-1.9	0.3	-0.6	-0.9	15982825	0.2	
26	234.079	1436.2	-1.9	-1.4	0	-0.8	-0.3	14641608	1	
26	233.779	1436.7	-2.9	-3.1	0.2	-0.9	0.2	13251582	1.5	
26	233.479	1437.2	-2.7	-2.8	0.4	-1.3	0.8	11964286	2	
26	233.179	1437.7	-2.6	-2.4	0	-1.3	1.4	10792526	2.4	
26	232.879	1438	-2	-1.4	-0.4	0	2	9970238	2.5	
26	232.579	1438.1	-1.7	-1.3	-0.6	0.7	2.4	9431306	2.5	
26	232.279	1438.3	-1.3	-1.3	-0.9	0.9	2.9	9264381	2.3	
26	231.979	1438.5	-1	-2.9	-1.1	0.8	3.3	9389014	1.8	
26	231.679	1438.6	0.4	-0.5	-1.1	0.9	3.4	9829812	0.1	
26	231.379	1438.2	-0.4	-2.9	-1.3	1.2	3.5	10416667	-0.4	
26	231.079	1437.5	1.5	-1.3	-6.4	0	3.6	10962042	-2.1	
26	230.779	1438	2.1	-0.1	-7.4	0.2	3.3	11317568	-3.2	inicio cambio de via
26	230.479	1437.8	1.5	-1.6	-2.7	-0.7	2.7	11256721	-3.3	
26	230.179	1437.4	1.1	-2	-1.9	-0.8	2.1	11019737	-3.6	
26	229.879	1437.2	1.9	-0.6	-1.1	-1	1.1	10574495	-4.7	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
26	229.579	1436.9	1.7	-0.3	-0.7	-1.8	0.1	9970238	-5.5	
26	229.279	1436.5	1.1	-0.6	-0.6	-3.4	-0.6	9305556	-5.9	
26	228.979	1435.3	-1.2	-2.2	-0.7	-4.6	-1.5	8797269	-6.2	
26	228.679	1443.3	1.6	-0.9	8.9	-2.2	-2.6	8442541	-6.4	
26	228.379	1446.5	0	-2.8	11.9	-3.8	-2.7	8243110	-6.1	
26	228.079	1437.7	-0.2	-2.5	3.2	-2.8	-2.7	8275692	-5.6	
26	227.779	1436.4	-1.7	-3.2	2	-3.8	-2.7	8308532	-5.1	
26	227.479	1436.2	-2.3	-2.9	2.1	-4.4	-2.7	8308532	-4.4	
26	227.179	1436.5	-3.1	-3.8	2.2	-4.1	-2.4	8210785	-3.5	
26	226.879	1436.8	-3.2	-3.5	2.2	-3.2	-2.1	8052885	-2.6	
26	226.579	1436.7	-5.2	-5.5	2.3	-3.3	-1.8	7812500	-1.6	
26	226.279	1436.6	-6.8	-7.4	-2.3	-5.4	-1.4	7531475	-0.6	
26	225.979	1436.7	-6.6	-6.8	-4.2	-3.9	-1	7170377	0.3	
26	225.679	1436.5	-7.5	-8	-0.4	-3.8	-0.8	6754032	0.9	
26	225.379	1436.7	-7	-7.9	0.1	-2.2	-0.5	6402905	1.6	
26	225.079	1436.5	-6.4	-6.4	-0.2	-1.5	-0.3	6122076	1.9	
26	224.779	1436.5	-6.7	-7.1	-0.5	-1.4	0	5897888	2.1	
26	224.479	1436.8	-6.3	-5.6	-0.8	-0.9	0.4	5736302	2	
26	224.179	1437	-5.8	-5.3	-0.7	0.6	0.7	5674120	1.9	
26	223.879	1437.2	-5.5	-5	-0.6	0.8	1	5689538	1.6	
26	223.579	1437.3	-4.9	-4.4	-0.7	1.2	1.2	5752061	1.4	
26	223.279	1437.6	-5.3	-5.1	-0.6	1.2	1.4	5864846	1.3	
26	222.979	1437.7	-4.7	-4.9	-0.7	0.9	1.4	5982143	0.9	
26	222.679	1437.7	-3.6	-3	-0.5	0.9	1.5	6158088	0.6	
26	222.379	1437.5	-3.3	-2.4	-0.4	0.9	1.4	6402905	0.1	
26	222.079	1437.5	-3.6	-2	-0.3	0.5	1.4	6710737	-0.4	
26	221.779	1437.3	-3.8	-2.2	-0.6	-0.1	1.1	7097458	-0.9	
26	221.479	1437.1	-2.6	-0.7	-0.6	0.3	1	7641424	-1.4	
26	221.179	1437	-2.8	0.1	-0.5	-0.4	1	8408635	-2	
26	220.879	1437.1	-3	-0.3	-0.5	-1.7	1.1	9604358	-2.8	
26	220.579	1437.3	-2.5	0.1	-0.5	-1.5	1.4	11441257	-3.5	
26	220.279	1436.9	-1.3	0.7	-0.5	-2.8	1.1	14052014	-4.5	
26	219.979	1436.5	-1.5	0.2	-0.6	-3.7	0.9	16617064	-5.1	
26	219.679	1436.1	-2.7	-1.4	-0.8	-4.5	0.7	19208716	-4.9	
26	219.379	1436.6	-3.3	-2.3	-0.3	-4.9	0.7		-4.6	
26	219.079	1436.3	-3.2	-3.6	-0.3	-5	0.7		-4.4	
26	218.779	1435.8	-4	-3.6	-0.8	-5.6	0.7		-4.1	
26	218.479	1435.4	-2.9	-4.4	-1.2	-4.2	0.7	18862613	-4.2	
26	218.179	1435	-4.2	-6.3	-1.7	-5.4	0.5	15395221	-3.6	
26	217.879	1434.9	-2.5	-4	-1.9	-3.3	0.7	12537425	-2.9	
26	217.579	1434.9	-2.4	-3.5	-2.1	-3.2	1	10468750	-2.6	
26	217.279	1434.9	-2.5	-4.4	-2.3	-2.3	1.3	8834388	-1.8	
26	216.979	1435	-2.1	-3.8	-2.7	-1.3	1.4	7531475	-1.4	
26	216.679	1434.7	-2.5	-3.6	-2.9	-1.1	1.2	6563480	-0.8	
26	216.379	1434.7	-2.1	-0.9	-2.8	-0.2	1.1	5832173	-0.4	
26	216.079	1434.7	-2.7	-4.3	-2.9	-1.1	1	5300633	-0.1	
26	215.779	1435.1	-2.3	-2.3	-2.5	0	0.9	4949764	0	
26	215.479	1435.2	-2.8	-2.6	-2.2	-0.7	0.4	4726298	0	
26	215.179	1435.5	-2.1	-0.4	-2	0.7	0.1	4611784	-0.1	
26	214.879	1435.8	-1.4	0.9	-1.9	0.6	-0.1	4581510	-0.6	
26	214.579	1436.1	-1.1	2	-1.7	0.6	-0.3	4632191	-1.1	
26	214.279	1436.6	-1.2	2	-1.2	0.5	-0.5	4769363	-1.6	
26	213.979	1437.1	-0.5	4.7	-1.3	0.6	-0.4	4997017	-2	
26	213.679	1437.7	-0.6	6.2	-0.4	0.5	-0.2	5300633	-2.5	
26	213.379	1438.3	-0.4	6.2	0.3	-0.4	0.1	5643531	-3	
26	213.079	1439.1	-1.8	5.7	1	-1.5	0.7	6016523	-3.1	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
26	212.779	1439.9	-3.4	3.6	1.8	-3.9	1	6344697	-3.2	
26	212.479	1440.8	-2.7	3.7	3	-3.6	1.1	6604890	-3.4	
26	212.179	1441.1	-3.4	3.3	3.5	-4.6	1.4	6732315	-3.4	
26	211.879	1442	-4.1	2.2	4.5	-5.3	1.6	6732315	-3.3	
26	211.579	1442.8	-4	1.8	5.7	-5.4	1.3	6625791	-3.1	
26	211.279	1441.9	-4.4	1.1	5.2	-5.4	1	6462192	-2.7	
26	210.979	1440.7	-3.6	1.3	4.4	-4.6	0.5	6325529	-2.9	
26	210.679	1439.5	-3.9	1.4	3.6	-4.2	-0.2	6250000	-2.7	
26	210.379	1438.8	-3.2	1.5	3	-2.7	-0.7	6325529	-2.6	
26	210.079	1437.5	-3.5	0.1	0.8	-2	-0.2	6442308	-2.1	
26	209.779	1436.3	-3.4	-0.1	-0.2	-2.2	-0.6	6667994	-1.8	
26	209.479	1435.2	-2.9	0.7	-1.3	-0.9	-1.2	7002509	-1.2	
26	209.179	1434.4	-2.9	0.9	-2.4	-0.6	-1.3	7451068	-0.9	
26	208.879	1433.6	-2.7	-0.1	-2.9	0.4	-1.1	8052885	-0.6	
26	208.579	1433.2	-3.4	-0.6	-3	0	-0.8	8760460	0.1	
26	208.279	1433.1	-2.9	0.1	-2.9	1.1	-0.2	9604358	0.5	
26	207.979	1433.1	-2.9	-0.4	-3	0.3	0.4	10365099	0.4	
26	207.679	1433.1	-4.5	-3.2	-2.5	-1.2	0.6	11196524	0.3	
26	207.379	1433.2	-2.6	-1.1	-2	0.5	1	12172965	0.4	
26	207.079	1433.5	-2.3	0.4	-1.7	0.4	1.7	13251582	0.4	
26	206.779	1433.5	-2.5	0.8	-1.8	0.1	2	14340754	0.4	
26	206.479	1433.4	-3	0.2	-1.7	-0.8	2.2	15172102	0.2	
26	206.179	1433.3	-2.9	1.1	-1.7	-0.3	2.2	15625000	0.1	
26	205.879	1433	-3	-0.1	-1.7	-1.2	1.8	15982825	-0.5	
26	205.579	1432.7	-2.3	1.9	-1.5	-1	1.2	16230620	-1.1	
26	205.279	1432.4	-2.6	-0.1	-1.4	-0.7	0.6	16105769	-1.1	
26	204.979	1432.1	-1.9	0.5	-1.4	-1.2	0	16105769	-1.4	
26	204.679	1431.8	-1.6	0.9	-1.5	-1.6	-0.5	16230620	-1.7	
26	204.379	1432.3	-1.5	0.6	-0.8	-1.8	-0.9	16486221	-2	
26	204.079	1432.3	-1.3	1.2	-0.2	-1.8	-1.3	16617064	-2.2	
26	203.779	1432.5	-1.5	0.6	0.1	-1.9	-1.4	17161885	-2.3	
26	203.479	1432.8	-1.7	1	0.5	-2.4	-1.2		-2.3	
26	203.179	1433	-1.8	0.5	0.5	-2.8	-0.9		-2.2	
26	202.879	1433.2	-1.5	1.3	0.4	-2.4	-0.4		-2.2	
26	202.579	1433.7	-1.6	0.5	0.5	-2.9	0.2		-2.2	
26	202.279	1434	-1.2	0.2	0.4	-2.8	0.8		-2.3	
26	201.979	1434.4	-0.8	0.3	0.1	-2.2	1.4		-2.4	
26	201.679	1434.3	-0.3	0.9	-0.1	-2	1.6		-2.5	
26	201.379	1434.3	-0.8	-0.3	-0.3	-2.3	1.8		-2.6	
26	201.079	1434.1	-0.2	0.4	-0.4	-1.9	1.7		-3.1	
26	200.779	1434.1	-0.2	0.2	0	-1.8	1.5		-3.3	
26	200.479	1434	0	1.8	0.3	-2	1		-3.5	
26	200.179	1434	0.2	3.6	0.5	-2.1	0.5		-3.6	
26	199.879	1433.8	0.3	3	0.9	-2.2	-0.2		-3.5	
26	199.579	1433.6	-0.4	3	1	-2.8	-0.8		-2.9	
26	199.279	1433.4	-0.3	3.8	1.3	-2.3	-1.1		-2.2	
26	198.979	1433	-0.7	3.3	1.1	-1.8	-1.4		-1.5	
26	198.679	1432.7	-1.2	3.2	0.9	-2	-1.4		-0.6	
26	198.379	1432.2	-1.7	1.9	0.5	-1.3	-1.4		0.4	
26	198.079	1432.2	-1.6	2.3	0.1	-0.9	-1.1		1	
26	197.779	1432.2	-1	2.2	-0.2	-0.4	-0.8		0.9	
26	197.479	1432.2	-0.8	2.7	-0.4	-0.5	-0.5		0.7	
26	197.179	1432.3	-0.3	3.1	-0.6	-0.1	-0.1		0.2	
26	196.879	1432.2	-0.1	2.8	-1.1	-0.5	0.2		-0.6	
26	196.579	1432.2	0	2.9	-1.2	-0.9	0.4		-1.4	
26	196.279	1432.2	0.6	3.3	-1.5	-1.1	0.7		-2.4	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
26	195.979	1432.1	0.2	3.6			0.7		-3.2	
26	195.679	1432.3	0.6	3.5			0.7		-4.1	
26	195.379	1432.3	0.5	3.4			0.5		-4.8	
26	195.079	1432.4	0.5	5			0.1		-5.1	
26	194.779	1432.5	0.4	3			-0.2		-5.2	
26	194.479	1432.7	0	2.3			-0.5		-5.2	
26	194.179	1433	-0.3	2.2			-0.6		-5.3	
26	193.879	1433.3	-0.2	2.8			-0.8		-5.6	

Perfil	STE Metro CDMX
Lugar Inicial	26km 220.0m
PK Final	22km 796.4m
Sentido De Avance	Decremento
Referencias Trabajo	VIA 2
ID Ruta/Liena	zapata-ermita
ID Vía	Via Principal
Hora Inicial	17:53:37 02-dic.-21
Hora Final	18:38:15 02-dic.-21
Versión Software	TOP01S020r0010(74)
Unid. Desplazamiento	Milímetros
Unidad Longitud	Milímetros
Unidad de ángulo	Grados
ID Perfil	L12
Signo del Peralte	Sentido horario
Intervalo adquisición	300.0mm (300.0mm)
Nivel. I superpuesto 1	12600.0mm
Nivel. I superpuesto 2	19000.0mm
Base Radio Derecho	20.0m (20.1m)
Base Radio Curv.Prom D	20.0m
Base Áng.Curv. Prom. D	20.0m
Áng.Curv.Cuerda Der	20.0m
Nivel. D superpuesto 1	20.0m
Nivel. D superpuesto 2	20.0m
Temp. Sistema Inicial	20.8°C
Temp. Sistema final	21.5°C
Ancho Referencia	1435.0mm
Ancho Refcia. Peralte	1500.0mm
Long. Cuerda Delantera	2500.0mm (2400.0mm)
Long. cuerda trasera	2500.0mm (2400.0mm)
Temperatura Nivelación	20.7°C

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
26	220.3	1433	-0.7				-0.6		-4.8	
26	220	1433.4	-0.8				-0.2		-3.8	
26	219.7	1433.8	-0.9				0.2		-2.9	
26	219.4	1433.9	-1.3				0.6		-2	
26	219.1	1433.8	-2.4				0.8		-0.9	
26	218.8	1433.7	-2.1				1		-0.3	
26	218.5	1433.4	-2.3				1.2		0.3	
26	218.2	1433	-3.4				1.4		0.9	
26	217.9	1432.8	-3.8		-1.5	0.5	1.4		1.3	
26	217.6	1432.6	-3.8		-2.1	0.8	1.4		1.6	
26	217.3	1432.5	-4.1		-2.5	0.7	1.5		1.6	
26	217	1432.4	-4.8		-2.7	0.3	1.7		1.6	
26	216.7	1432.5	-4.9		-2.7	0.6	1.9		1.4	
26	216.4	1432.5	-4.8		-2.9	0.4	2		1.3	
26	216.1	1432.5	-4.9		-2.9	-0.1	2.1		1	
26	215.8	1432.4	-5.3		-2.7	-0.7	1.9		0.5	
26	215.5	1432.8	-5.2		-2.3	-0.2	1.9		-0.1	
26	215.2	1433.2	-5.3		-2	-1.2	1.9		-0.8	
26	214.9	1433.2	-5.5		-1.8	-1.9	1.7		-1.3	
26	214.6	1432.9	-5.6		-1.5	-2.5	1.3		-1.8	
26	214.3	1432.8	-5.8		-1.2	-2.6	1		-2	
26	214	1433	-5.8		-0.6	-3	0.7		-2.3	
26	213.7	1433.2	-5.2		0.1	-2.9	0.4		-2.6	
26	213.4	1433.5	-4.8		0.5	-2.3	0.5		-2.8	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
26	213.1	1433.6	-6.4		0.7	-3.8	0.3		-2.5	
26	212.8	1434	-5.9		1.3	-3.1	0.1		-2.2	
26	212.5	1434.1	-5.7		1.7	-2.5	-0.2		-1.7	
26	212.2	1433.8	-5		1.7	-1.4	-0.5		-1.3	
26	211.9	1433.6	-5.4		1.6	-1.4	-0.5		-0.9	
26	211.6	1433.3	-5.4		1.2	-0.9	-0.5		-0.7	
26	211.3	1432.9	-4.9		1.1	-0.7	-0.7		-0.7	
26	211	1432.6	-5.2		0.6	-1.1	-0.8		-0.6	
26	210.7	1432.3	-5		0.1	-0.1	-0.8		-0.8	
26	210.4	1432	-4.7		-0.4	-0.2	-1	5931303	-1.1	
26	210.1	1432.1	-4.3		-0.7	-0.3	-0.9	5914548	-1.8	
26	209.8	1432.3	-4.3		-1	-1.2	-0.6	5965100	-2.4	
26	209.5	1432.2	-4.1		-1.4	-1.7	-0.3	6086483	-3	
26	209.2	1432.1	-4.6		-1.4	-2.1	-0.1	6287538	-3.5	
26	208.9	1431.9	-4.5		-1.6	-3	0.1	6542969	-4.1	
26	208.6	1432	-4.7		-1.4	-3.7	0.4	6864754	-4.3	
26	208.3	1432.3	-5		-1.2	-4.4	1	7244810	-4.4	
26	208	1432.7	-5.3		-1	-4.4	1.5	7726015	-4.1	
26	207.7	1433.3	-5.8	-5.1	-0.9	-4.6	2.1	8243110	-3.6	
26	207.4	1433.9	-5.9	-5.1	-0.7	-4.1	2.6	8797269	-2.8	
26	207.1	1434.2	-5.4	-4.5	-0.3	-3.4	2.7	9347098	-2.3	
26	206.8	1434	-6.5	-5.2	-0.3	-3.6	2.5	9970238	-1.1	
26	206.5	1433.8	-6.2	-3.8	-0.2	-2.8	2	10628173	-0.8	
26	206.2	1433.3	-5.4	-3.3	-0.5	-1.8	1.4	11196524	-0.6	
26	205.9	1432.8	-5	-2.7	-0.7	-1.4	0.7	11762641	-0.3	
26	205.6	1432.4	-5.3	-1.9	-0.9	-1.5	0.1	12102601	-0.2	
26	205.3	1432	-5.4	-1.6	-1	-1.2	-0.5	12462798	0	
26	205	1431.8	-4.8	-1	-1	-1	-1.1	12924383	-0.3	
26	204.7	1431.4	-4.4	-0.3	-1	-1.1	-1.5	13421474	-0.4	
26	204.4	1431.6	-3.5	1.3	-0.9	-0.1	-1.4	13684641	-0.6	
26	204.1	1432.1	-3.8	1.1	-0.8	-0.6	-0.8	13774671	-0.9	
26	203.8	1432.8	-3.6	1.2	-0.3	-1.2	-0.2	13865894	-1.2	
26	203.5	1433.3	-2.9	2	0	-1.2	0.4	13865894	-1.6	
26	203.2	1433.7	-2.7	2.6	0.5	-1.5	0.7	14146960	-1.9	
26	202.9	1433.8	-2.6	2.6	0.7	-1.1	0.8	14340754	-2.2	
26	202.6	1433.8	-2.2	3.1	0.6	-0.9	0.8	14243197	-2.3	
26	202.3	1433.7	-2	3.5	0.6	-0.6	0.7	13684641	-2.6	
26	202	1433.8	-1.5	4.1	0.4	-0.7	0.6	12689394	-2.8	
26	201.7	1433.6	-1.9	3.9	0.1	-1	0.4	11696928	-2.9	
26	201.4	1433.3	-1.8	4	0.1	-0.8	-0.1	10737180	-3	
26	201.1	1432.9	-1.6	3.6	0.2	-1.1	-0.5	9693287	-3.2	
26	200.8	1432.5	-0.8	4	0	-0.7	-0.7	8723959	-3.4	
26	200.5	1432.6	-2.1	4.3	0.3	-2.5	-0.6	7871241	-3.5	
26	200.2	1433	-2.4	3.5	0.9	-3	-0.5	7097458	-3.7	
26	199.9	1433.4	-3.6	2.1	1.5	-4.5	-0.5	6502329	-3.8	
26	199.6	1433.9	-3.7	1.3	2	-5	-0.5	6068841	-3.8	
26	199.3	1434	-3.9	1.5	2.2	-5.4	-0.5	5783840	-3.5	
26	199	1433.7	-4.4	1	2	-5.8	-0.5	5613271	-3	
26	198.7	1433.1	-4.4	0.5	1.4	-5	-0.5	5524407	-2.6	
26	198.4	1432.8	-4.3	0.9	1.1	-4.9	-0.4	5524407	-2.3	
26	198.1	1432	-3.6	1.4	0.1	-3	-0.4	5689538	-2	
26	197.8	1431.5	-3.9	0.8	-0.7	-2.3	-0.3	6016523	-1.4	
26	197.5	1431.2	-3.8	0.5	-1.4	-0.7	-0.2	6584120	-0.8	
26	197.2	1431.1	-3.5	0.8	-2.2	0.5	0.1	7451068	-0.3	
26	196.9	1431	-2.1	2	-2.7	1.8	0.3	8651860	-0.4	
26	196.6	1431.2	-1.3	3.3	-2.9	2.6	0.6	10213415	-0.7	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
26	196.3	1431.5	-2.3	2.2	-2.7	1.3	1	11896307	-0.9	
26	196	1431.8	-2.6	2.1	-2.4	1	1.2	13421474	-1	
26	195.7	1432	-3.1	1.9	-1.9	0.1	1.4	14243197	-1.1	
26	195.4	1432.1	-3.7	1.6	-1.4	-0.3	1.4	14052014	-1.1	
26	195.1	1432.2	-4.1	1.7	-1	-0.5	1.3	12766768	-1.2	
26	194.8	1432.5	-5	0.9	-0.4	-1.3	1.1	10904948	-1.3	
26	194.5	1432.8	-4.8	0.6	0	-1.7	1	9103261	-1.3	
26	194.2	1433.2	-4.9	1.6	0.3	-1.8	0.9	7726015	-1.2	
26	193.9	1433.3	-4.6	1.6	0.5	-1.3	0.6	6842320	-1.2	
26	193.6	1433.2	-5	0.4	0.4	-1.2	0.4	6306476	-1.1	
26	193.3	1433	-5	0	0.2	-1.2	0.2	6033862	-1.3	
26	193	1432.7	-5.1	0.2	-0.1	-1	0.1	5965100	-1.5	
26	192.7	1432.5	-5.8	-0.4	-0.5	-1.7	0.2	6051301	-1.8	
26	192.4	1432.4	-6.6	-1.8	-0.9	-2.1	0.4	6325529	-2	
26	192.1	1432.6	-6.7	-2.3	-1.2	-2.3	0.7	6820033	-2.3	
26	191.8	1432.8	-7.2	-3.7	-1.6	-3.3	0.9	7558664	-2.4	
26	191.5	1432.9	-6.6	-2.8	-1.7	-3	1.1	8616255	-2.7	
26	191.2	1433.1	-7.2	-3.6	-1.8	-3.6	1.4	9829812	-2.7	
26	190.9	1433.2	-7.1	-4.2	-1.8	-3.7	1.6	11019737	-2.8	
26	190.6	1433.4	-7.5	-4.8	-1.4	-3.6	1.8	11896307	-2.7	
26	190.3	1433.4	-7.7	-5.1	-1.2	-3.8	1.9	12462798	-2.5	
26	190	1433.4	-8	-5.8	-0.9	-3.4	1.8	12612952	-2.4	
26	189.7	1433.5	-8.6	-6.6	-0.7	-3.7	1.7	12172965	-2.1	
26	189.4	1433.7	-7.7	-6.2	-0.3	-2.4	1.4	11256721	-2.2	
26	189.1	1433.8	-8	-6.1	0.1	-3.3	1	9970238	-2	
26	188.8	1433.8	-7.5	-5.7	0.1	-2.1	0.7	8687760	-1.9	
26	188.5	1433.7	-7.3	-5.7	0.2	-2.2	0.4	7613637	-1.9	
26	188.2	1433.4	-8.1	-7.3	0.1	-2.5	-0.1	6797890	-2	
26	187.9	1433	-6.9	-4.8	0.1	-1.6	-0.5	6140030	-2.1	
26	187.6	1432.6	-7.4	-5	-0.1	-1.7	-0.9	5628360	-2.2	
26	187.3	1432.5	-7.4	-3.8	-0.1	-1.7	-1.1	5273930	-2.2	
26	187	1432.4	-7.7	-4	-0.3	-2.6	-1.2	5069613	-2.2	
26	186.7	1432.5	-6.7	-2.8	-0.3	-1.4	-1.2	4985119	-2.2	
26	186.4	1432.8	-7.3	-2.9	-0.3	-2.3	-0.9	4985119	-2	
26	186.1	1433	-6.9	-2.5	-0.1	-1.6	-0.6	5057367	-1.7	
26	185.8	1433.3	-7.7	-3.4	0	-1.9	-0.2	5169753	-1.6	
26	185.5	1433.4	-7.2	-3.6	0	-1.7	0.3	5314087	-1.4	
26	185.2	1433.7	-7.7	-3.8	-0.1	-2	1	5438312	-1.2	
26	184.9	1434	-7.1	-3.3	-0.3	-1.5	1.7	5495407	-1.2	
26	184.6	1434.2	-6.9	-3.4	-0.7	-1.1	2.3	5495407	-1.2	
26	184.3	1434.3	-7	-4.9	-1.1	-2.7	2.7	5424223	-1.2	
26	184	1434.2	-6.6	-5.3	-1.4	-1.2	2.7	5327608	-1.3	
26	183.7	1433.8	-6.6	-4.3	-1.8	-2.6	2.4	5195410	-1.3	
26	183.4	1433.5	-6.8	-4.2	-1.9	-1.7	1.9	5057367	-1.1	
26	183.1	1433.2	-6.9	-3.8	-1.8	-2.3	1.1	4938090	-1.1	
26	182.8	1433	-6.3	-2.6	-1.4	-1.5	0.3	4869186	-1.1	
26	182.5	1432.8	-6.2	-2.1	-0.9	-2.2	-0.7	4857889	-1.2	
26	182.2	1432.8	-6.3	-1.3	0	-2.8	-1.7	4926471	-1.5	
26	181.9	1432.9	-4.4	0.4	0.8	-1.1	-2.4	5069613	-1.7	
26	181.6	1433	-6.1	-1.2	1.5	-3.4	-3	5273930	-2	
26	181.3	1433.4	-3.6	1	2.1	-1	-3.1	5539021	-2.2	
26	181	1433.7	-4.6	0.4	2.3	-2.5	-2.8	5881320	-2.2	
26	180.7	1434.3	-4.2	0.8	2.4	-1.7	-2.1	6287538	-2.1	
26	180.4	1434.6	-4	1.1	2.1	-2	-1.4	6732315	-1.9	
26	180.1	1434.7	-3.3	2.5	1.7	-1.1	-0.7	7145905	-1.7	
26	179.8	1434.8	-3.1	3.5	1.2	-0.8	0.1	7477679	-1.4	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
26	179.5	1434.8	-2.9	3.8	0.7	-1.2	0.9	7697610	-0.8	
26	179.2	1434.9	-2.7	4.5	0.1	0.8	1.9	7841760	0	
26	178.9	1435	-2.9	3.7	-0.6	-0.9	2.6	7871241	0.1	
26	178.6	1435	-1.9	5.3	-1	1	2.9	7812500	-0.1	
26	178.3	1434.9	-2.3	4.8	-1.2	-0.6	2.9	7669414	-0.6	
26	178	1434.8	-1.5	6	-1.6	0.6	2.9	7424646	-1	
26	177.7	1434.6	-1.5	6.2	-1.9	-0.7	2.8	7121599	-1.3	
26	177.4	1434.1	-1.2	6.8	-2.2	-0.4	2.3	6775890	-1.9	
26	177.1	1433.5	-0.7	7.9	-2.4	-0.7	1.7	6402905	-2.5	
26	176.8	1432.9	-0.9	6.8	-2.6	-1.3	1	6051301	-2.9	
26	176.5	1432.5	-0.2	7.8	-2.9	-0.5	0.6	5705041	-3.1	
26	176.2	1432.5	-1.4	6.1	-2.6	-2.3	0.4	5410207	-3.2	
26	175.9	1432.2	-0.4	6.9	-2.8	-0.7	0.3	5157020	-3.1	
26	175.6	1432.4	-2.1	6	-2.2	-3	0.3	4961493	-2.9	
26	175.3	1432.7	-1	5.9	-1.6	-1.4	0.5	4835451	-2.7	
26	175	1433.2	-2.2	5.2	-1	-2.6	0.9	4791190	-2.4	
26	174.7	1433.6	-2	5.4	-0.3	-2.2	1.1	4824309	-2.2	
26	174.4	1434.2	-2.3	5.4	0.3	-2.2	1.5	4926471	-1.9	
26	174.1	1434.5	-2.7	4	0.8	-2.9	1.6	5081918	-1.7	
26	173.8	1434.5	-2.6	4.7	0.8	-2	1.6	5247494	-1.3	
26	173.5	1434.4	-3.4	3.5	0.9	-3.2	1.5	5396263	-1.2	
26	173.2	1433.8	-2.5	5.2	0.3	-1.2	1.2	5481021	-1.3	
26	172.9	1433	-3	4.2	-0.3	-2.8	0.7	5452474	-1.4	
26	172.6	1432.6	-2.8	4.9	-1	-1.8	0.3	5341199	-1.4	
26	172.3	1432	-3.2	3.9	-1.4	-2.7	-0.2	5157020	-1.4	
26	172	1431.8	-3	3.9	-1.8	-2.2	-0.5	4903396	-1.5	
26	171.7	1431.7	-2.7	4.3	-2	-2	-0.7	4621965	-1.6	
26	171.4	1431.8	-2.4	4.2	-1.7	-2.2	-0.8	4343880	-1.8	
26	171.1	1431.9	-2.4	4.2	-1.5	-1.5	-0.8	4121555	-1.6	
26	170.8	1432.2	-3	3.8	-0.9	-2.6	-0.7	3957940	-1.5	
26	170.5	1432.6	-2.2	4.7	-0.3	-1.3	-0.4	3855894	-1.3	
26	170.2	1433.3	-2.7	3.6	0.2	-1.7	0.1	3786167	-1.2	
26	169.9	1433.7	-1.8	4.4	0.6	-0.6	0.5	3732175	-1	
26	169.6	1434.1	-2.4	3.9	0.6	-0.9	0.9	3692681	-1	
26	169.3	1434.2	-2	2.4	0.6	-0.7	0.9	3699205	-1.1	
26	169	1434.1	-1.4	4.7	0.3	-0.6	0.9	3765738	-1.1	
26	168.7	1433.9	-1.6	2	-0.1	-0.4	0.9	3877315	-1.1	
26	168.4	1433.8	-1.3	3.3	-0.4	0.2	0.9	4018714	-1.2	
26	168.1	1433.6	-1.4	2.8	-0.7	-0.5	0.8	4195892	-1.6	
26	167.8	1433.4	-1.6	2.4	-1	-0.3	0.7	4417194	-1.9	
26	167.5	1433.3	-1.3	2	-1.2	-0.4	0.6	4694507	-2.2	
26	167.2	1433.4	-1.9	1.2	-1.4	-0.4	0.7	4997017	-2.1	
26	166.9	1433.7	-2.1	0.8	-1	-1	0.7	5273930	-2.5	
26	166.6	1434	-1.4	1.3	-0.8	-0.6	0.9	5481021	-2.9	
26	166.3	1434.3	-2.1	0.8	-0.4	-1.3	1.1	5598262	-3.1	
26	166	1434.3	-2.3	-0.4	-0.4	-1.5	1.3	5643531	-3	
26	165.7	1434.3	-2.8	-0.5	-0.1	-1.3	1.4	5613271	-2.8	
26	165.4	1434.2	-3.8	-2.3	-0.1	-2	1.4	5524407	-2.8	
26	165.1	1434.1	-4.3	-2.8	-0.2	-1.8	1.4	5410207	-2.7	
26	164.8	1434.1	-4.7	-3.5	-0.3	-1.8	1.4	5314087	-2.6	
26	164.5	1433.8	-5.2	-4.5	-1	-2.3	1.4	5247494	-2.2	
26	164.2	1433.7	-6.1	-5.2	-1.3	-3.1	1.4	5260679	-1.8	
26	163.9	1433.3	-6.2	-6	-2	-2.4	1.4	5354860	-1.4	
26	163.6	1432.9	-6.4	-5	-2.4	-2.9	1.3	5524407	-1.2	
26	163.3	1432.5	-7.2	-6.8	-2.9	-3.2	1.3	5767907	-0.7	
26	163	1432.3	-7.6	-5.5	-3	-3.2	1.3	6051301	-0.3	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
26	162.7	1432.4	-9	-8	-2.7	-3.9	1.1	6325529	0	
26	162.4	1432.6	-9.1	-6.9	-2.3	-3.4	0.7	6563480	0	
26	162.1	1433.1	-8	-6	-1.7	-2.4	0.4	6689297	0	
26	161.8	1433.3	-8.1	-5.8	-1.3	-1.9	0.2	6667994	0	
26	161.5	1433.5	-8.3	-5.6	-0.6	-2.7	-0.1	6502329	-0.3	
26	161.2	1433.8	-7.1	-4.5	0.2	-1.6	-0.5	6231399	-0.8	
26	160.9	1434	-6.7	-3.3	0.8	-1.8	-0.7	5914548	-1.2	
26	160.6	1433.8	-5.7	-3.2	0.9	-0.5	-0.7	5598262	-1.7	
26	160.3	1433.9	-5.9	-2.9	0.9	-0.7	-0.4	5314087	-2.2	
26	160	1434.3	-6.7	-3.9	0.8	-1.3	0.1	5081918	-2.7	
26	159.7	1434.9	-6.1	-2.9	0.6	-2.3	0.7	4903396	-3	
26	159.4	1435	-6.2	-3.2	0.6	-3.6	0.8	4780251	-3.4	
26	159.1	1435.1	-5.5	-2.8	0.5	-2.5	0.9	4673549	-3.4	
26	158.8	1435.2	-6.3	-3.9	0.2	-3.8	1	4591557	-3.3	
26	158.5	1435.2	-5	-2.6	0	-2.5	1	4522139	-3.1	
26	158.2	1434.9	-6.2	-3.2	0	-4.2	0.7	4435911	-2.7	
26	157.9	1434.5	-5.8	-3.6	-0.3	-2.8	0.4	4334886	-2.1	
26	157.6	1434.2	-7	-4.3	-0.4	-3.4	0	4221271	-1.7	
26	157.3	1434.1	-5.5	-3.7	-0.4	-2.1	-0.4	4113458	-1.7	
26	157	1434	-3.8	-1.4	-0.5	-0.2	-0.5	4026443	-1.6	
26	156.7	1433.9	-4.4	-2.4	-0.4	-1.3	-0.5	3943032	-1.4	
26	156.4	1434.2	-4.4	-3	-0.4	-0.6	-0.2	3884509	-1.2	
26	156.1	1434.5	-4.5	-2.9	-0.2	-1.8	0.1	3855894	-1.1	
26	155.8	1434.7	-3.6	-2.3	-0.2	-0.3	0.5	3863008	-1.2	
26	155.5	1434.8	-4.3	-2.9	-0.1	-1.5	0.9	3898976	-1.3	
26	155.2	1434.9	-3.9	-2.3	-0.1	-0.1	1.3	3965436	-1.4	
26	154.9	1434.9	-4.1	-2.8	-0.3	-1.4	1.6	4065534	-1.5	
26	154.6	1434.9	-4.1	-2.2	-0.3	-2.4	1.6	4195892	-1.7	
26	154.3	1434.6	-3.4	-1.3	-0.6	-1.3	1.4	4361980	-1.9	
26	154	1434.4	-3.7	-2.3	-0.6	-2	0.9	4561547	-2.3	
26	153.7	1434	-2.6	-0.5	-0.9	-0.7	0.4	4813219	-2.5	
26	153.4	1433.8	-2.9	-0.6	-0.7	-1.8	-0.1	5106708	-2.7	
26	153.1	1433.4	-2.4	0.4	-0.7	-0.8	-0.5	5424223	-2.9	
26	152.8	1433.2	-3.5	0.3	-0.7	-2	-0.8	5767907	-3.1	
26	152.5	1433.2	-2.8	1.5	-0.6	-1	-0.9	6051301	-3	
26	152.2	1433.2	-3.1	1.6	-0.5	-1.2	-0.8	6212908	-2.7	
26	151.9	1433.6	-3.6	1.6	-0.3	-1.5	-0.4	6212908	-2.7	
26	151.6	1434	-3.6	2.5	-0.1	-1.4	0.1	6086483	-2.6	
26	151.3	1434.4	-4.2	2	0.1	-2.1	0.6	5832173	-2.4	
26	151	1434.5	-4	2.4	0	-1.7	1	5495407	-2	
26	150.7	1434.4	-4.8	2.4	-0.1	-2.4	1.3	5169753	-1.6	
26	150.4	1434.4	-5.3	2.3	-0.2	-1.8	1.6	4914906	-1.3	
26	150.1	1434.4	-5.6	3.4	-0.5	-2.2	1.9	4758523	-1	
26	149.8	1434.2	-5.1	4	-0.7	-1.4	2	4715653	-0.5	
26	149.5	1433.9	-6.2	1.8	-1.2	-2	2	4780251	-0.3	
26	149.2	1433.7	-5.9	2.2	-1.7	-1.4	1.9	4891940	-0.1	
26	148.9	1433.5	-6.4	1.9	-2.2	-1.4	1.7	5033053	0.1	
26	148.6	1433.1	-5.7	1.4	-2.9	-0.8	1.6	5195410	0.4	
26	148.3	1433	-5.6	1.1	-3	-0.8	1.8	5354860	0.4	
26	148	1432.8	-6.1	-0.4	-3.3	-0.9	1.9	5438312	0.2	
26	147.7	1432.8	-6	-0.1	-3.1	-1	2	5481021	-0.2	
26	147.4	1432.6	-5.3	1.4	-2.8	-0.5	1.9	5452474	-0.3	
26	147.1	1432.7	-5.4	0.7	-2.2	-0.5	1.8	5368590	-0.6	
26	146.8	1433	-5.5	0.7	-1.5	-1.5	1.8	5273930	-1	
26	146.5	1433.6	-5.7	-0.2	-0.7	-1.3	1.7	5195410	-1.6	
26	146.2	1434.2	-5	1.3	0.5	-2.2	1.5	5182550	-2.2	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
26	145.9	1434.1	-3.9	1.1	0.8	-1.5	1.2	5221322	-2.9	
26	145.6	1433.9	-4.7	1.5	1	-3	0.9	5314087	-3.4	
26	145.3	1433.4	-4.8	1	0.9	-3.2	0.5	5438312	-3.8	
26	145	1432.8	-5	2	0.6	-4	0.1	5568484	-4	
26	144.7	1432.3	-4.8	0.7	0.1	-3.6	-0.2	5705041	-4.1	
26	144.4	1431.7	-4.1	-0.3	-0.7	-2.7	-0.5	5815972	-3.7	
26	144.1	1431.6	-5.5	-1.1	-1.1	-3.7	-0.7	5881320	-3.6	
26	143.8	1431.3	-4.3	0.1	-1.7	-2.2	-1	5864846	-3	
26	143.5	1431.2	-5	-0.5	-1.6	-2.9	-1.2	5767907	-2.4	
26	143.2	1431.3	-4.1	-0.5	-1.6	-0.9	-1.1	5598262	-1.6	
26	142.9	1431.3	-4.8	-0.5	-1.3	-1	-1	5396263	-1	
26	142.6	1431.7	-4.7	-0.8	-0.8	-0.5	-0.6	5195410	-0.8	
26	142.3	1432	-5.1	-1	-0.4	-0.6	-0.2	5033053	-0.8	
26	142	1432.7	-4.7	-0.6	0.1	-0.7	0.4	4903396	-1.1	
26	141.7	1433.2	-5.1	-1.7	0.2	-0.4	0.9	4835451	-1.2	
26	141.4	1433.7	-5.2	-1.5	0.2	-1.4	1.4	4813219	-1.3	
26	141.1	1434	-5.1	-2.5	0	-1.3	1.7	4835451	-1.5	
26	140.8	1434.1	-4.8	-1.9	-0.1	-1.6	1.7	4903396	-1.7	
26	140.5	1433.8	-4.8	-2.4	-0.3	-1.5	1.4	4973278	-1.9	
26	140.2	1433.4	-4.9	-1.4	-0.5	-1.6	1	5057367	-1.8	
26	139.9	1432.9	-5.7	-2.9	-0.7	-2	0.5	5144349	-1.5	
26	139.6	1432.7	-6	-2.9	-0.8	-2.4	0.1	5234375	-1.3	
26	139.3	1432.7	-6.4	-2.8	-0.6	-2.2	-0.2	5300633	-1.1	
26	139	1432.9	-5.9	-2.3	-0.5	-1.5	-0.3	5354860	-1.1	
26	138.7	1433.3	-5.6	-1.4	0	-1.7	-0.3	5396263	-1.2	
26	138.4	1433.6	-5.7	-1.7	0.2	-1.9	-0.2	5452474	-1.2	
26	138.1	1434.1	-5.5	-0.7	0.6	-2.2	0.1	5568484	-1.3	
26	137.8	1434.2	-5.4	-0.1	0.9	-2	0.1	5752061	-1.4	
26	137.5	1434.3	-5.2	0.4	0.9	-1.9	0.2	5999284	-1.4	
26	137.2	1434.1	-5.1	0	0.6	-1.3	0.2	6268713	-1.1	
26	136.9	1433.8	-5.4	0.8	0.2	-1.6	0.2	6563480	-0.9	
26	136.6	1433.7	-5.8	0.1	0.1	-2	0.1	6864754	-0.8	
26	136.3	1433.3	-5.1	1.3	-0.2	-1.3	-0.1	7170377	-0.7	
26	136	1433.1	-5.2	0.5	-0.5	-1.3	-0.2	7477679	-0.6	
26	135.7	1432.9	-4.4	1.2	-0.9	-0.5	-0.2	7783457	-0.4	
26	135.4	1433	-4.6	1.5	-0.9	-0.7	0	8115310	-0.4	
26	135.1	1433.4	-3.7	2.3	-0.7	0.2	0.4	8375000	-0.5	
26	134.8	1433.8	-3.7	1.6	-0.2	-0.4	0.7	8651860	-0.7	
26	134.5	1434	-3	2.4	0.1	0.1	0.9	8871822	-1	
26	134.2	1434.1	-3.3	2.2	0.3	-0.4	1	8947650	-1.3	
26	133.9	1434	-3.3	2.4	0.5	-1.2	1	8871822	-1.9	
26	133.6	1433.9	-3.3	1.7	0.5	-1.4	1	8580943	-2.3	
26	133.3	1433.9	-3.2	0.7	0.6	-2.6	1	8083977	-2.9	
26	133	1433.6	-3.2	1.5	0.2	-2.9	0.9	7558664	-3.4	
26	132.7	1433.1	-3.7	1.1	-0.4	-3.9	0.7	7026007	-3.8	
26	132.4	1432.6	-2.9	2.1	-0.9	-3.4	0.4	6563480	-4.2	
26	132.1	1432.2	-2.8	2	-1.4	-4.2	0.3	6212908	-4.6	
26	131.8	1431.9	-2.5	1.6	-1.9	-4	0.2	6051301	-4.8	
26	131.5	1431.8	-2.8	2.7	-2.1	-4.4	0.3	6033862	-4.8	
26	131.2	1431.8	-3.2	1.1	-2.4	-4.5	0.4	6176254	-4.7	
26	130.9	1431.7	-2.6	2.4	-2.6	-4.2	0.4	6482198	-4.6	
26	130.6	1431.9	-2.7	1.4	-2.6	-4.1	0.7	6887336	-4.1	
26	130.3	1432.1	-3.4	1.4	-2.2	-3.4	0.9	7398410	-3.4	
26	130	1432.4	-3.6	1.1	-1.8	-3.7	1.2	7930871	-2.9	
26	129.7	1432.6	-3.3	1.8	-1.4	-2.7	1.3	8442541	-2.5	
26	129.4	1433.1	-3.4	1.3	-0.9	-2.3	1.5	8834388	-2.2	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
26	129.1	1433.3	-3.1	2	-0.6	-1.6	1.5	9103261	-1.8	
26	128.8	1433.7	-3.5	1.7	-0.1	-1.4	1.4	9305556	-1.4	
26	128.5	1434	-2.7	2.4	0.4	-1	1.2	9389014	-1.6	
26	128.2	1434	-2.2	2.6	0.5	-0.2	1	9389014	-1.6	
26	127.9	1433.7	-3	1.8	0.5	-0.8	0.7	9347098	-1.8	
26	127.6	1433.5	-2.8	2.1	0.3	-0.5	0.5	9143013	-1.8	
26	127.3	1433.2	-3.4	2.3	0.1	-1.2	0.4	8834388	-1.8	
26	127	1433	-4.1	1.9	-0.3	-1.9	0.3	8408635	-1.5	
26	126.7	1433	-3.8	2.6	-0.5	-1.7	0.4	7930871	-1.1	
26	126.4	1433	-3.7	2.2	-0.9	-1.2	0.4	7424646	-0.7	
26	126.1	1433	-3.9	1.7	-1	-1.2	0.3	6864754	-0.1	
26	125.8	1433	-4.4	1.3	-0.9	-1.5	0.1	6325529	0.6	
26	125.5	1432.9	-4.5	1	-0.6	-0.8	-0.2	5848464	1.3	
26	125.2	1433	-4.5	0.9	-0.3	-0.1	-0.3	5452474	2	
26	124.9	1432.8	-4.7	0.5	0	-0.2	-0.7	5169753	2.2	
26	124.6	1432.8	-3.9	1.2	0.2	0.5	-0.8	4961493	1.4	
26	124.3	1433	-3.2	2.2	0.5	0.4	-0.7	4813219	0.7	
26	124	1433.2	-2.8	3	0.6	-0.3	-0.5	4715653	-0.2	
26	123.7	1433.4	-2.9	2.2	0.7	-1.1	-0.2	4673549	-1	
26	123.4	1433.6	-2.4	2.8	0.6	-1.4	0.3	4684005	-2.1	
26	123.1	1433.7	-1.7	2.7	0.3	-1.5	0.7	4758523	-3.1	
26	122.8	1433.8	-1.9	2.7	0.1	-2.6	1.1	4891940	-4.1	
26	122.5	1433.8	-1.2	2.5	-0.2	-2.8	1.5	5081918	-4.9	
26	122.2	1433.7	-2	1.7	-0.4	-4.4	1.6	5327608	-5.4	
26	121.9	1433.4	-2.1	0.9	-0.4	-5.4	1.3	5658784	-5.8	
26	121.6	1433.2	-1.7	1.6	-0.4	-5.3	1	6033862	-5.9	
26	121.3	1432.9	-1.6	1.7	-0.3	-5	0.6	6422546	-5.7	
26	121	1432.4	-1.8	1.5	-0.4	-4.9	0.1	6820033	-5.3	
26	120.7	1432.6	-2.2	1	0.2	-5	-0.2	7195017	-4.8	
26	120.4	1432.3	-2.4	0.8	0.2	-4.5	-0.7	7504480	-4.2	
26	120.1	1432.2	-1.9	1.8	0.3	-4.2	-0.9	7697610	-3.6	
26	119.8	1432.1	-2.1	0.8	0.4	-3.2	-1.1	7754630	-2.7	
26	119.5	1432	-1.7	1.1	0.2	-2.1	-1	7641424	-1.8	
26	119.2	1432	-1.8	0.7	0.1	-2	-0.9	7424646	-1.1	
26	118.9	1431.8	-1.8	1	0	-1.8	-0.8	7170377	-0.5	
26	118.6	1431.8	-2	1.2	-0.1	-1.3	-0.5	6910066	0.2	
26	118.3	1431.6	-2.3	0.3	-0.7	-1	-0.2	6667994	0.7	
26	118	1431.7	-2.2	0.5	-0.8	-1.1	0.2	6442308	0.9	
26	117.7	1431.8	-1.5	1.9	-1.2	-1	0.6	6231399	0.7	
26	117.4	1431.9	-1.3	2.3	-1.6	-0.8	1	6068841	0.5	
26	117.1	1432.1	-0.7	2.6	-1.9	-0.9	1.4	5982143	0.4	
26	116.8	1432.3	-0.1	3.3	-2.1	-0.6	1.7	5965100	0	
26	116.5	1432.3	0.5	3.6	-2.2	-0.7	1.9	6033862	-0.5	
26	116.2	1432.3	0.7	4.2	-2.6	-0.8	2.2	6140030	-0.6	
26	115.9	1432.3	1.1	3.8	-2.6	-0.5	2.4	6268713	-0.7	
26	115.6	1432.3	2.1	4.3	-2.7	-0.2	2.5	6383384	-1.2	
26	115.3	1432.6	2.4	5.4	-2.4	-0.3	2.6	6442308	-1.6	
26	115	1432.9	2.2	5	-1.9	-1.1	2.5	6462192	-2.1	
26	114.7	1433.1	3	6.4	-1.6	-1	2.4	6383384	-2.5	
26	114.4	1433.4	2.8	6.9	-1.1	-1.8	2.2	6268713	-2.9	
26	114.1	1433.5	3.1	6.9	-0.6	-2.4	1.9	6140030	-3.3	
26	113.8	1433.6	3.8	7.5	-0.1	-2	1.4	6016523	-3.9	
26	113.5	1433.5	4.2	8.1	0.2	-1.7	0.9	5897888	-4.3	
26	113.2	1433.2	4.3	8.7	0.5	-2.4	0.3	5815972	-4.5	
26	112.9	1432.9	3.7	8.2	0.5	-3	-0.3	5767907	-4.3	
26	112.6	1432.7	3.7	8.2	0.6	-2.2	-0.9	5767907	-4	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
26	112.3	1432.6	3.6	8.3	0.7	-1.8	-1.5	5799862	-3.4	
26	112	1432.3	3.6	7.5	0.5	-0.7	-2	5848464	-2.6	
26	111.7	1432.1	4	7.2	0.2	0.3	-2.1	5881320	-1.8	
26	111.4	1432.3	3.2	6	0.1	0.1	-1.8	5881320	-0.9	
26	111.1	1432.4	2.2	5.1	0	0	-1.5	5815972	-0.2	
26	110.8	1432.4	2.3	4.7	0	0.5	-1.2	5658784	0.2	
26	110.5	1432.9	2.5	4.2	0	1.5	-0.5	5466710	0.2	
26	110.2	1433.2	1.6	3.5	-0.2	0.3	0.2	5208334	0.1	
26	109.9	1433.7	1	2.2	-0.4	-0.3	1	4961493	-0.1	
26	109.6	1434.1	0.6	2.6	-0.5	-1.1	1.7	4694507	-0.2	
26	109.3	1434.4	0.7	2.8	-0.5	-1.9	2.3	4483405	-0.5	
26	109	1434.3	0.7	2.4	-0.8	-2	2.5	4308128	-0.5	
26	108.7	1434.3	-0.2	1.4	-0.8	-2.3	2.5	4154266	-0.6	
26	108.4	1434	-0.3	1.5	-0.8	-2.3	2.3	4041989	-0.6	
26	108.1	1433.9	-1.2	1	-0.9	-3.3	2.1	3957940	-0.5	
26	107.8	1433.7	-0.8	1.6	-1	-2.1	1.8	3920881	-0.3	
26	107.5	1433.6	-1.1	0.8	-0.9	-2.3	1.4	3913552	-0.3	
26	107.2	1433.4	-0.6	1.5	-0.9	-1.5	0.9	3935621	-0.6	
26	106.9	1433.2	0.2	1.9	-0.9	-1.1	0.4	3957940	-1	
26	106.6	1432.9	1.2	3	-0.8	-0.3	0	3980514	-1.3	
26	106.3	1432.7	0.8	2.6	-0.8	-0.3	-0.2	4003346	-1.4	
26	106	1432.5	0.5	2.5	-0.7	-0.5	-0.4	4049807	-1.8	
26	105.7	1432.4	0.7	3	-0.6	0.2	-0.5	4113458	-1.9	
26	105.4	1432.5	0.4	2.6	-0.5	-0.5	-0.5	4195892	-2.2	
26	105.1	1432.6	0.8	2.3	-0.5	0	-0.4	4334886	-2.2	
26	104.8	1432.8	0	1.3	-0.4	-0.8	-0.3	4551631	-2	
26	104.5	1433	0	0.7	-0.3	-0.7	-0.2	4869186	-2	
26	104.2	1433.2	-0.3	-0.2	0	-1.7	0	5300633	-1.9	
26	103.9	1433.2	-0.3	-0.8	0	-1	0.2	5848464	-1.7	
26	103.6	1433.2	-1.3	-2	-0.2	-2.2	0.5	6522586	-1.7	
26	103.3	1433.2	-1.6	-2.7	-0.3	-2.1	0.8	7372359	-1.7	
26	103	1433.3	-1.8	-3.9	-0.5	-2.1	1	8375000	-1.8	
26	102.7	1433.4	-1.7	-4.1	-0.5	-2	1.1	9347098	-1.8	
26	102.4	1433.6	-1.7	-3.9	-0.8	-1.6	1.3	9876179	-1.8	
26	102.1	1433.7	-2.8	-5.8	-0.8	-2.9	1.3	9783879	-1.8	
26	101.8	1433.5	-2.1	-4.9	-1	-1.4	1.1	9183114	-1.9	
26	101.5	1433.4	-2.7	-5.8	-1	-2.8	1	8442541	-1.9	
26	101.2	1433.2	-2.1	-5.9	-1.2	-1.1	1	7783457	-1.9	
26	100.9	1433.1	-3.1	-7.3	-1.3	-2	1.1	7195017	-1.7	
26	100.6	1433	-3.4	-7.7	-1.4	-1.6	1.1	6667994	-1.4	
26	100.3	1433.1	-3.7	-7.4	-1.3	-1.6	1.2	6287538	-1.1	
26	100	1433.3	-3.8	-7.5	-0.9	-1.7	1.1	6086483	-1.1	
26	99.7	1433.5	-3.4	-7	-0.9	-0.3	1.3	6068841	-0.6	
26	99.4	1433.5	-4.8	-8.4	-0.7	-1.6	1.1	6194527	-0.5	
26	99.1	1433.5	-3.3	-7.3	-0.7	0.9	1	6442308	-0.2	
26	98.8	1433.6	-4.4	-7.6	-0.6	-0.6	1	6732315	-0.1	
26	98.5	1433.3	-3.9	-6.1	-0.7	0.9	0.9	7002509	-0.1	
26	98.2	1433.2	-4.6	-6.9	-0.7	0	0.9	7244810	-0.2	
26	97.9	1432.9	-4.7	-7.2	-0.8	0.1	0.7	7451068	-0.6	
26	97.6	1432.6	-4.7	-6.3	-1.1	0.5	0.7	7504480	-1.1	
26	97.3	1432.5	-4.7	-5.7	-1.2	0	0.7	7398410	-1.7	
26	97	1432.7	-5.3	-5.9	-1.3	-0.4	1.1	7121599	-2	
26	96.7	1433	-6.1	-6.8	-1.1	-2.3	1.4	6775890	-2.5	
26	96.4	1433.2	-5.7	-6.4	-1.1	-1.8	1.6	6383384	-2.8	
26	96.1	1433.1	-6.7	-6.5	-1	-3.3	1.6	6033862	-3.2	
26	95.8	1433.1	-6.2	-5.9	-0.8	-2.9	1.6	5720629	-3.6	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
26	95.5	1432.9	-7.1	-5.9	-0.6	-4.3	1.5	5438312	-3.9	
26	95.2	1432.6	-8.8	-8	-0.4	-6.2	1	5182550	-3.9	
26	94.9	1432.5	-9.4	-8.3	-0.1	-6.6	0.2	4973278	-3.4	
26	94.6	1432.2	-9.1	-8.5	-0.1	-5.5	-0.6	4824309	-2.8	
26	94.3	1431.9	-9.3	-9.5	-0.1	-4.3	-1.3	4726298	-2	
26	94	1431.8	-9	-10.2	0	-3.3	-1.8	4673549	-1.4	
26	93.7	1431.7	-9.2	-10	0.4	-2.2	-2.3	4632191	-0.7	
26	93.4	1431.4	-9.2	-9.7	0.5	-1.8	-2.8	4611784	0.2	
26	93.1	1431.1	-8.7	-9.4	0.5	0.2	-3.1	4632191	0.9	
26	92.8	1431.3	-8.3	-8.7	0.7	1.6	-2.9	4694507	1.1	
26	92.5	1432.2	-7.8	-8.6	0.9	3.1	-2.1	4780251	1	
26	92.2	1433	-7.5	-7.5	1	2.8	-1.3	4869186	0.5	
26	91.9	1433.6	-8	-8	1	1.4	-0.6	4938090	0.1	
26	91.6	1434	-8.5	-8.2	1	-0.1	-0.1	4961493	-0.2	
26	91.3	1434.2	-8.7	-8.4	1	-0.4	0.3	4997017	-0.6	
26	91	1434.3	-8.2	-6.9	0.8	0	0.7	4997017	-0.9	
26	90.7	1434.4	-8.8	-7.2	0.8	-1.4	1.1	5045181	-1.4	
26	90.4	1434.4	-8.8	-7	0.5	-2.7	1.4	5094283	-1.9	
26	90.1	1434.3	-10.5	-8.8	0	-3.9	1.3	5182550	-1.6	
26	89.8	1434.3	-10.5	-8.8	-0.2	-3.4	1.1	5314087	-1.4	
26	89.5	1434.5	-9.3	-6.5	-0.4	-2.8	1	5524407	-1.4	
26	89.2	1434.5	-8.1	-6	-0.5	-1.6	1	5799862	-1.8	
26	88.9	1434.2	-8.7	-6	-1.1	-1.9	1.1	6158088	-1.7	
26	88.6	1434.2	-8.9	-6.8	-1.4	-2.8	1.3	6646826	-1.9	
26	88.3	1434	-8.8	-5.7	-1.6	-3	1.3	7195017	-2.2	
26	88	1433.8	-7.7	-4.3	-1.8	-2.3	1.3	7726015	-2.7	
26	87.7	1433.7	-8.5	-4.8	-2.1	-2.2	1.6	8243110	-2.4	
26	87.4	1433.8	-9.4	-5.6	-2.1	-2.3	1.8	8797269	-2.5	
26	87.1	1434.2	-7.8	-4.4	-2	-1.9	2	9305556	-2.8	
26	86.8	1434.1	-8	-3.2	-1.9	-3.1	1.9	9876179	-2.8	
26	86.5	1434.2	-8.2	-4.9	-1.6	-3	1.9	10416667	-2.7	
26	86.2	1434.3	-7.9	-3.5	-1.3	-3.1	1.7	11078042	-2.8	
26	85.9	1434.3	-7.2	-3.3	-1.1	-2	1.5	11631945	-3	
26	85.6	1434.3	-7.3	-2.7	-0.9	-2.6	1.4	12244152	-2.8	
26	85.3	1434.1	-6.9	-2.2	-1.1	-1.8	1.4	12766768	-2.5	
26	85	1434	-8.6	-3.9	-1	-2.9	1.3	12845092	-2.1	
26	84.7	1433.9	-8.1	-3.4	-1	-2.8	1	12244152	-2	
26	84.4	1433.7	-7.4	-2.1	-0.8	-1.8	0.7	11196524	-2	
26	84.1	1433.7	-7	-0.9	-0.7	-1.7	0.5	9970238	-1.9	
26	83.8	1433.6	-6.3	-0.6	-0.8	-0.6	0.6	8687760	-1.6	
26	83.5	1433.7	-7.5	-0.8	-0.7	-2.4	0.7	7531475	-1.4	
26	83.2	1433.8	-7.3	-1.1	-0.5	-0.1	0.6	6563480	-1.3	
26	82.9	1433.8	-6.7	0.4	-0.3	-1	0.4	5767907	-1.1	
26	82.6	1433.6	-6.1	2.7	-0.3	0.5	0.3	5169753	-0.9	
26	82.3	1433.5	-6.9	2.5	-0.5	-0.2	0.5	4780251	-0.5	
26	82	1433.5	-7.2	1.9	-0.5	-1	0.7	4512393	-0.5	
26	81.7	1433.5	-6.1	3.2	-0.6	0.2	0.9	4334886	-0.7	
26	81.4	1433.2	-6.7	2.3	-0.5	-2.2	0.7	4238361	-1.2	
26	81.1	1433.1	-5.8	3.4	-0.8	-0.1	1	4195892	-0.8	
26	80.8	1433.1	-9.7	-0.5	-0.6	-4.4	0.7	4195892	-1	
26	80.5	1433.3	-6.7	2	-0.5	-1.2	0.7	4246958	-1.3	
26	80.2	1433.2	-6.4	1.9	-0.2	-2.4	0.5	4325930	-1.7	
26	79.9	1433	-6.2	1.6	0.1	-1.7	0.1	4407895	-1.9	
26	79.6	1432.8	-6	1.5	0.3	-2.2	-0.2	4473825	-2	
26	79.3	1432.8	-7.1	0.9	0.9	-4.2	-0.7	4551631	-2.3	
26	79	1432.5	-5	3.5	1.1	-2.3	-1.1	4642462	-2.4	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
26	78.7	1432.1	-5.5	3.2	1.2	-3	-1.5	4747733	-2.6	
26	78.4	1432.1	-5.4	2.8	1.2	-1.9	-1.5	4869186	-2.7	
26	78.1	1432.5	-6.9	1.9	1.1	-3.5	-1.1	4973278	-2.7	
26	77.8	1432.2	-5.2	3.6	0.8	-3.5	-1	5081918	-2.7	
26	77.5	1432.1	-5.9	4.6	0.6	-3.7	-0.9	5260679	-2.8	
26	77.2	1431.9	-4.4	6.1	0.1	-2.8	-0.6	5466710	-2.7	
26	76.9	1431.7	-4.2	5.1	-0.6	-1.8	-0.2	5720629	-2.6	
26	76.6	1431.9	-3.5	4.6	-0.8	-2.6	0.3	5982143	-2.3	
26	76.3	1431.7	-4.3	4.4	-1.1	-2.9	0.4	6212908	-1.9	
26	76	1431.7	-2.6	6.3	-1.5	-1.2	0.7	6402905	-1.7	
26	75.7	1431.7	-5.5	3.3	-1.8	-3	0.7	6563480	-1.3	
26	75.4	1431.7	-2.4	5.3	-1.7	-1	0.8	6710737	-1.1	
26	75.1	1431.8	-3.8	4.7	-1.8	-1.3	0.9	6797890	-1	
26	74.8	1432	-2.5	6.9	-1.6	-0.8	1	6864754	-0.9	
26	74.5	1432.2	-2.9	4.9	-1.3	-1.3	1	6820033	-1	
26	74.2	1432.3	-1.5	6.5	-1.4	-0.2	1	6689297	-1.2	
26	73.9	1432.8	-1	7.2	-1	0.2	1.3	6542969	-1.4	
26	73.6	1433	-0.8	7.1	-0.8	-1.1	1.4	6462192	-1.7	
26	73.3	1433.1	-0.7	6.5	-0.5	-0.1	1.3	6402905	-2.2	
26	73	1433.1	0.2	7.5	-0.4	-1	1.3	6325529	-2.7	
26	72.7	1433.3	-1.1	5.8	-0.3	-2.2	1.3	6231399	-3.1	
26	72.4	1433.3	-0.8	7.8	-0.3	-2.1	1.2	6158088	-3.4	
26	72.1	1433.3	-1	7.1	-0.5	-2.4	1.3	6176254	-3.5	
26	71.8	1433.4	-1.5	5.9	-0.5	-3.2	1.3	6325529	-3.7	
26	71.5	1433.2	-0.9	6.1	-0.6	-3.5	1	6563480	-3.9	
26	71.2	1433	-0.2	6.1	-0.7	-2.8	0.8	6842320	-4.1	
26	70.9	1432.9	0	7.5	-0.8	-2.8	0.7	7372359	-3.9	
26	70.6	1432.7	-0.6	6.7	-0.9	-3.7	0.5	8022031	-3.8	
26	70.3	1432.7	-0.1	6.6	-1	-2.6	0.5	8909575	-3.7	
26	70	1432.7	-1.7	4.4	-0.8	-3.8	0.4	9970238	-3.5	
26	69.7	1432.9	-1.3	5.6	-0.6	-3.3	0.4	10962042	-3.3	
26	69.4	1432.9	-2.6	4.6	-0.3	-3.5	0.2	11631945	-3	
26	69.1	1432.8	-1.7	4.4	-0.3	-2.6	0.1	11829096	-2.8	
26	68.8	1432.8	-2.2	4.5	-0.3	-3.4	0.1	11504121	-2.5	
26	68.5	1432.9	-1.4	4.4	-0.2	-2.5	0.2	10682398	-2.1	
26	68.2	1433.1	-1.5	8.2	0.1	-2.3	0.4	9693287	-1.8	
26	67.9	1433.2	-1.4	5.3	0.2	-2.8	0.4	8871822	-1.7	
26	67.6	1433	-1.9	4.5	0.2	-2.4	0.2	8083977	-1.4	
26	67.3	1432.9	-1.5	4.7	0	-2	0.3	7424646	-1.2	
26	67	1432.7	-2.7	3.3	-0.3	-2.3	0.3	6932947	-0.9	
26	66.7	1432.7	-2.9	4.2	-0.1	-2.6	0.3	6563480	-0.9	
26	66.4	1432.9	-2.3	2.7	-0.2	-1.5	0.6	6344697	-0.9	
26	66.1	1432.9	-2.1	3.4	-0.2	-2.1	0.7	6194527	-1	
26	65.8	1432.6	-1.4	4	-0.5	-1.7	0.7	6140030	-1.1	
26	65.5	1432.5	-0.5	6.4	-0.6	-0.8	0.7	6104228	-1.3	
26	65.2	1432.6	-0.2	5	-0.7	-0.7	1	6122076	-1.6	
26	64.9	1432.4	-0.2	5.7	-0.8	-1.3	1	6158088	-1.8	
26	64.6	1432.4	0.1	4.5	-0.7	-0.3	1.2	6212908	-2.1	
26	64.3	1432.3	-0.7	3.5	-0.6	-1	1.3	6287538	-2.3	
26	64	1432.2	-1.1	2.4	-0.7	-2	1.2	6363982	-2.7	
26	63.7	1431.8	-0.6	3.7	-1	-1.4	1	6482198	-2.9	
26	63.4	1431.6	-0.1	2.5	-0.8	-1.2	1	6625791	-3.1	
26	63.1	1431.5	-0.6	4.9	-0.8	-2.1	1	6775890	-3.1	
26	62.8	1431.5	-0.3	2.1	-0.5	-2.7	0.9	6932947	-3.2	
26	62.5	1431.4	0.2	4	-0.4	-2	0.7	7145905	-3	
26	62.2	1431.1	-0.7	1.8	-0.4	-3.1	0.4	7398410	-2.8	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
26	61.9	1430.6	-1	1.9	-0.6	-2.4	-0.1	7669414	-2.4	
26	61.6	1430.6	-1.4	0.1	-0.4	-2.1	-0.3	7961027	-2.1	
26	61.3	1430.6	-2.2	-1.2	0	-2.8	-0.6	8210785	-2	
26	61	1430.2	-2.5	-1.7	0.2	-3.2	-1.2	8408635	-2	
26	60.7	1430	-2.7	-2	0.2	-3.4	-1.6	8580943	-2	
26	60.4	1429.7	-1.5	-1.7	0.2	-2.5	-1.9	8723959	-2	
26	60.1	1429.8	-1.5	-0.4	0.4	-3	-2	8797269	-2	
26	59.8	1429.8	-0.8	0	0.4	-1.5	-1.8	8760460	-2	
26	59.5	1430.2	-1.3	-0.3	0.6	-2.1	-1.3	8723959	-2	
26	59.2	1430.4	-1.6	-0.1	0.5	-2.5	-1	8545919	-1.9	
26	58.9	1430.6	-2.1	-1.2	0.4	-2.3	-0.6	8210785	-1.4	
26	58.6	1430.9	-2.4	-2.2	0.5	-2.3	-0.1	7900944	-1.1	
26	58.3	1431.3	-2	-2	0.4	-1.9	0.5	7669414	-1	
26	58	1431.3	-1.7	-1.1	0.3	-2.4	0.9	7504480	-0.8	
26	57.7	1431.3	-1.3	-1.2	-0.1	-1.2	1.3	7451068	-0.5	
26	57.4	1431.3	-1.9	-0.2	-0.3	-2.5	1.4	7424646	-0.3	
26	57.1	1431.2	-1.5	-0.2	-0.7	-1.7	1.4	7477679	-0.3	
26	56.8	1431.3	-0.6	2	-0.9	-0.6	1.5	7613637	-0.3	
26	56.5	1431	-0.2	1.5	-1.1	-0.7	1.4	7991412	-0.4	
26	56.2	1430.9	0.1	2.3	-1.2	-0.4	1.2	8616255	-0.4	
26	55.9	1430.8	0.4	1.8	-1.3	-0.3	1	9347098	-0.5	
26	55.6	1430.6	1.4	2.9	-1.4	0.2	0.9	10066106	-0.4	
26	55.3	1430.5	0.4	1.8	-1.3	-1.1	0.7	10628173	-0.5	
26	55	1430.6	1.4	3.3	-1.2	0.5	0.7	11317568	-0.5	
26	54.7	1430.8	1.2	2.7	-0.8	-0.2	0.7	12033046	-1	
26	54.4	1430.9	1	3.7	-0.6	-1.1	0.6	12845092	-1.5	
26	54.1	1430.9	2.4	5.3	-0.5	-0.2	0.6	13684641	-2.2	
26	53.8	1431	2.7	5	-0.5	-0.6	0.7	14439655	-3	
26	53.5	1431	2.4	4.5	-0.3	-1.8	0.7	15172102	-3.8	
26	53.2	1430.9	3.2	4.6	-0.3	-2	0.6	16230620	-4.5	
26	52.9	1431	3.2	3.7	-0.2	-2.1	0.6	18366228	-5	
26	52.6	1430.8	2.7	2.9	-0.4	-3.1	0.4		-5.3	
26	52.3	1430.6	2.4	2.6	-0.5	-3.1	0.2		-5.4	
26	52	1430.6	1.8	1.7	-0.7	-3.2	0.3		-5.3	
26	51.7	1430.6	1.1	1.8	-0.8	-3.6	0.3		-4.7	
26	51.4	1430.6	0.6	1.7	-0.9	-4.1	0.2		-4.1	
26	51.1	1430.5	0.5	1.1	-0.9	-2.2	0.2		-3.3	
26	50.8	1430.6	0.1	0.2	-0.8	-2.6	0.2	18049569	-2.6	
26	50.5	1430.7	0.3	0.9	-0.6	-2.6	0.1	15395221	-2.1	
26	50.2	1430.9	-0.3	0	-0.4	-2	0.3	13085938	-1.5	
26	49.9	1431	-1.1	-1.3	-0.5	-2.4	0.5	11441257	-0.7	
26	49.6	1431.1	-1.6	-0.9	-0.4	-2.2	0.5	10263481	-0.4	
26	49.3	1431.3	-2.3	-1.3	-0.4	-2.6	0.7	9473982	-0.2	
26	49	1431.5	-1.6	-0.2	-0.2	-1.7	1.1	8947650	-0.2	
26	48.7	1431.4	-3.6	-1.4	-0.2	-3.3	1.1	8616255	0.1	
26	48.4	1431.4	-3.1	-0.6	-0.2	-2.7	1	8442541	0.1	
26	48.1	1431.4	-1.7	1	-0.3	-1.4	1	8375000	-0.1	
26	47.8	1431.3	-2.3	-0.8	-0.3	-1.8	0.6	8476721	-0.4	
26	47.5	1431.3	-1.2	0.3	-0.2	0.9	0.3	8723959	-0.6	
26	47.2	1431.3	-1.3	-0.5	-0.1	-0.3	0.1	9024785	-0.7	
26	46.9	1431.3	-1	0.3	0.1	0.6	-0.2	9389014	-0.8	
26	46.6	1430.7	-0.7	0.9	0.2	0.2	-1	9738372	-1.1	
26	46.3	1430.5	-0.9	1.2	0.4	0.8	-1.3	9970238	-1.1	
26	46	1430.6	-0.7	1.7	0.5	1.2	-1.2	10213415	-1.3	
26	45.7	1430.7	-1.1	0.9	0.4	-0.6	-0.9	10416667	-1.3	
26	45.4	1431.1	-1.4	0.3	0.7	-0.5	-0.4	10521357	-1.1	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
26	45.1	1431.4	-4.3	-3	0.7	-3.8	-0.2	10521357	-1	
26	44.8	1431.4	-1.7	0.2	0.4	-1.4	-0.1	10521357	-0.7	
26	44.5	1431.5	-2.5	-1	0.3	-2.3	0.1	10416667	-0.9	
26	44.2	1431.5	-2.3	-1.7	0.4	-2.3	0.3	10314040	-1.1	
26	43.9	1431.3	-1.9	-1.7	0.1	-2.6	0.4	10263481	-1.4	
26	43.6	1431.2	-3.2	-3.3	0	-3.6	0.3	10114734	-1.6	
26	43.3	1431	-1.8	-2.2	0	-2.6	0.1	9876179	-1.7	
26	43	1430.4	-1.7	-3.1	-0.1	-2.6	-0.5	9560502	-1.8	
26	42.7	1430.6	-1.9	-2.3	-0.1	-1.7	-0.4	9223568	-2.1	
26	42.4	1430.9	-0.6	-2	0	-0.9	-0.1	8909575	-2.3	
26	42.1	1430.9	-1.2	-2.4	-0.1	-2.3	-0.1	8616255	-2.3	
26	41.8	1430.9	-1.4	-2.4	0	-2.2	-0.1	8408635	-2.3	
26	41.5	1431.2	-0.6	-3	0	-1.4	0.2	8210785	-2.4	
26	41.2	1431.3	-1.6	-4.3	0.1	-2.2	0.3	8083977	-2.4	
26	40.9	1431.2	-0.6	-3	0.1	-1.8	0.2	8022031	-2.4	
26	40.6	1431	-0.4	-3.6	0	-1.6	0.4	8052885	-2.3	
26	40.3	1430.8	-0.4	-3.6	-0.3	-1.2	0.5	8083977	-2.2	
26	40	1430.7	-2.2	-4.9	-0.3	-3.6	0.3	8178711	-2.1	
26	39.7	1430.7	0.1	-2.3	-0.4	-0.9	0.3	8308532	-1.9	
26	39.4	1430.6	-0.7	-2.5	-0.7	-1.1	0.4	8442541	-1.7	
26	39.1	1430.6	-1.2	-2.3	-0.7	-2.1	0.3	8651860	-1.6	
26	38.8	1430.6	-0.3	-0.9	-0.8	-0.5	0.3	9143013	-1.8	
26	38.5	1430.7	-0.5	-1	-0.8	-1.2	0.4	9829812	-1.9	
26	38.2	1430.8	-0.5	-0.6	-0.9	-1.6	0.7	10904948	-2	
26	37.9	1430.7	-0.8	-1.1	-0.9	-2	0.6	12316177	-2	
26	37.6	1430.6	-0.9	-0.6	-0.9	-1.3	0.6	13958333	-2.1	
26	37.3	1430.7	-0.6	0.5	-0.8	-2.4	0.6	16105769	-2.2	
26	37	1430.8	-1.1	0.5	-0.6	-2.8	0.5	18694197	-2.2	
26	36.7	1430.8	-0.8	1.5	-0.7	-1.6	0.7		-2	
26	36.4	1431	-1.6	0	-0.5	-2.9	0.9		-1.9	
26	36.1	1431	-1.8	1.8	-0.5	-3.2	0.7		-2	
26	35.8	1431	-1.4	1.7	-0.4	-2.7	0.6	17447917	-2.1	
26	35.5	1431.1	-1.2	0.5	-0.4	-2.2	0.7	14439655	-2.2	
26	35.2	1431.1	-1.2	1.1	-0.4	-2.4	0.7	12244152	-2.3	
26	34.9	1431.1	-0.9	0.3	-0.3	-2.4	0.7	10416667	-2.6	
26	34.6	1431.2	-0.3	1	-0.3	-2	0.9	9063853	-2.7	
26	34.3	1431.1	-1.2	-0.2	-0.3	-3	0.8	8083977	-2.8	
26	34	1430.7	-0.8	-0.1	-0.8	-1.8	0.7	7295296	-2.7	
26	33.7	1430.8	-0.8	0.1	-0.9	-1.7	1	6710737	-2.7	
26	33.4	1430.7	-1.1	-0.4	-1.2	-2	1.2	6287538	-2.7	
26	33.1	1430.8	-1.5	-0.4	-1.3	-2.6	1.3	5965100	-2.7	
26	32.8	1430.9	-1.2	0.2	-1.3	-1.6	1.4	5628360	-2.7	
26	32.5	1430.7	-1.6	2.7	-1.6	-2.9	1.2	5368590	-2.7	
26	32.2	1430.5	-0.9	0.8	-2	-2.3	1	5182550	-2.6	
26	31.9	1430.4	-1.3	1.2	-2	-1.8	0.9	5008972	-2.3	
26	31.6	1430.6	-1.8	0.5	-1.9	-2.6	0.9	4880536	-2.2	
26	31.3	1430.4	-1.7	0.2	-1.8	-2.4	0.6	4813219	-2.1	
26	31	1430.5	-2.3	0.9	-1.5	-2.4	0.4	4769363	-1.9	
26	30.7	1430.4	-2	-0.2	-1.3	-2	0.1	4726298	-1.6	
26	30.4	1430.6	-3.3	-1.6	-1.2	-3.1	0	4726298	-1.3	
26	30.1	1431.2	-1.8	0.1	-0.5	-1.3	0	4747733	-1.4	
26	29.8	1431.7	-2	-1.4	0.1	-1.4	0.1	4780251	-1.2	
26	29.5	1432	-2.3	-1.1	0.6	-1.5	0.1	4835451	-1	
26	29.2	1432.4	-2	-0.6	1.1	-1	0.1	4914906	-0.7	
26	28.9	1432.5	-2	-1.4	1.7	-0.9	-0.2	4985119	-0.7	
26	28.6	1432.5	-2.4	-0.8	2	-1.3	-0.5	5069613	-0.6	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
26	28.3	1432.5	-1.7	-1.1	2.3	-0.5	-1.1	5144349	-0.6	
26	28	1432.7	-1.8	-1.4	2.5	0.1	-1.2	5247494	-0.5	
26	27.7	1432.7	-2.1	-1.7	2.3	-1.5	-1.4	5314087	-0.4	
26	27.4	1432.5	-2.6	-0.4	2.2	-2.1	-1.7	5327608	-0.6	
26	27.1	1432.1	-2.3	-2.4	1.7	-1.5	-1.7	5287248	-0.7	
26	26.8	1431.9	-1.5	-0.8	1.1	-1.4	-1.6	5221322	-1.3	
26	26.5	1431.7	-1.8	-0.6	0.5	-1.9	-1.3	5169753	-1.7	
26	26.2	1431.6	-1.1	-0.8	-0.3	-1.3	-0.7	5119193	-2.4	
26	25.9	1432.2	-1.6	-1.1	-1.1	-2.5	0.7	5033053	-2.8	
26	25.6	1432.3	-1.6	-1.1	-2.2	-2.7	1.6	4938090	-3.2	
26	25.3	1432.4	-0.2	0.6	-2.8	-1.6	2.2	4846644	-3.8	
26	25	1432.4	-0.2	0.7	-3.3	-1.2	2.8	4769363	-3.8	
26	24.7	1432.3	-0.7	-0.1	-3.4	-1.8	2.9	4705057	-3.5	curva parque de los venados-Zapata
26	24.4	1432.4	-0.9	0.2	-3.3	-1.9	2.9	4663141	-3.3	
26	24.1	1432.6	-1.1	-0.3	-3	-2	3.1	4611784	-3.2	
26	23.8	1432.7	-1.9	-0.3	-2.6	-3.1	2.9	4551631	-2.9	
26	23.5	1432.8	-2.1	-0.3	-2.2	-3	2.4	4512393	-2.7	
26	23.2	1433.1	-2.5	-1.1	-1.4	-2.4	1.9	4493026	-2.4	
26	22.9	1433.3	-2.7	-1.5	-1	-3	1.6	4483405	-2.1	
26	22.6	1433.4	-2.9	-1.7	-0.7	-3	1.4	4464286	-1.9	
26	22.3	1433.5	-2.4	-1.5	-0.4	-1.8	1.3	4417194	-1.7	
26	22	1433.6	-3.1	-2.8	-0.3	-2.3	1.3	4343880	-1.5	
26	21.7	1433.3	-2.8	-1.6	-0.3	-2	1	4246958	-1.5	
26	21.4	1433.2	-2.2	-1.4	-0.3	-1.3	0.8	4146040	-1.6	
26	21.1	1433	-2	-1.2	-0.4	-0.9	0.7	4018714	-1.6	
26	20.8	1432.9	-3.4	-2.3	-0.6	-1.9	0.6	3884509	-1.6	
26	20.5	1432.9	-3.4	-1.9	-0.6	-1.5	0.4	3738840	-1.6	
26	20.2	1433	-3.5	-2.3	-0.5	-1.4	0.3	3591338	-1.6	
26	19.9	1432.9	-3.9	-2.3	-0.6	-1.8	0	3455033	-1.5	
26	19.6	1432.8	-3.6	-2.7	-0.8	-0.8	-0.2	3328697	-1.5	
26	19.3	1432.7	-3.4	-2.1	-0.6	-0.6	-0.3	3211273	-1.6	
26	19	1432.7	-3	-1.2	-0.6	-0.8	-0.3	3092689	-1.8	
26	18.7	1432.6	-3.2	-1.5	-0.5	-1	-0.4	2965652	-1.9	
26	18.4	1432.7	-3.7	-1.4	-0.6	-0.5	-0.2	2833221	-1.9	
26	18.1	1432.9	-4.3	-2.3	-0.5	-1.2	-0.1	2687741	-2.1	
26	17.8	1433.1	-4.4	-1.1	-0.6	-1	0.1	2550244	-2.2	
26	17.5	1433.5	-4.8	-3	-0.5	-1.1	0.5	2417726	-2.4	
26	17.2	1433.9	-5.5	-3.5	-0.4	-1.3	0.9	2288252	-2.4	
26	16.9	1434	-6	-3.7	-0.2	-1.8	1	2167444	-2.5	
26	16.6	1434	-5.7	-3.7	-0.3	-1.5	1.1	2058752	-2.6	
26	16.3	1434	-6.1	-4.1	-0.4	-1.7	1.3	1965963	-2.8	
26	16	1434.1	-6.7	-4.3	-0.4	-1.8	1.4	1891374	-2.8	
26	15.7	1434.1	-6.9	-5.2	-0.4	-1.6	1.4	1846341	-3	
26	15.4	1434.1	-7.7	-5.9	-0.5	-2.2	1.5	1820653	-3.2	
26	15.1	1434.1	-8.4	-6.3	-0.6	-2.6	1.4	1806515	-3.3	
26	14.8	1433.9	-9.6	-7	-0.8	-2.6	1.3	1808075	-3.1	
26	14.5	1433.8	-10.1	-7.8	-0.9	-2.4	1.3	1819071	-3	
26	14.2	1433.7	-10.7	-9.2	-0.9	-3	1.3	1836624	-3	
26	13.9	1433.6	-11.3	-9.5	-1	-3	1.3	1859459	-2.8	
26	13.6	1433.6	-11.7	-10.6	-1.1	-2.3	1.4	1879489	-2.5	
26	13.3	1433.3	-12.4	-10.8	-1.4	-2.9	1.4	1887963	-2.3	
26	13	1433.2	-12.9	-11.3	-1.3	-2.8	1.4	1881178	-2.1	
26	12.7	1433.1	-13.4	-13.2	-1.6	-2.4	1.6	1864426	-1.8	
26	12.4	1432.9	-14.7	-14.5	-1.7	-2.5	1.7	1833407	-1.3	
26	12.1	1432.7	-15.3	-14.6	-1.9	-2.4	1.8	1792595	-1.2	
26	11.8	1432.6	-15.7	-14.8	-2.2	-2	2	1741889	-1.1	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
26	11.5	1432.5	-16.1	-15	-2.4	-1.7	2.1	1685790	-1.1	
26	11.2	1432.5	-17.1	-15.2	-2.5	-2.1	2.2	1629378	-1	
26	10.9	1432.5	-16.6	-14.5	-2.5	-1.4	2.2	1575434	-1.2	
26	10.6	1432.2	-16.6	-14.1	-2.7	-1.2	2.2	1524946	-1.4	
26	10.3	1432.2	-17.1	-14.4	-2.8	-1.8	2.3	1478638	-1.6	
26	10	1432	-17.4	-14.5	-2.9	-1.3	2.3	1435059	-1.8	
26	9.7	1431.8	-18.1	-15.7	-3.1	-1.8	2.4	1393976	-2	
26	9.4	1431.8	-18.8	-15.7	-3	-2.1	2.4	1356057	-2.1	
26	9.1	1432	-19.7	-16.9	-2.9	-2.5	2.6	1319314	-2.1	
26	8.8	1432	-20.3	-18.1	-3	-1.9	2.7	1283723	-1.9	
26	8.5	1432.2	-20.5	-18.5	-3	-2.1	2.8	1248510	-1.8	
26	8.2	1432.3	-20.7	-17.3	-2.8	-2.3	2.9	1215884	-1.7	
26	7.9	1432.4	-20.5	-17.1	-2.8	-1.8	3	1184249	-1.7	
26	7.6	1432.3	-21	-17.5	-2.9	-2.1	3.1	1154219	-1.6	
26	7.3	1432.3	-21.3	-17.4	-3	-1.5	3.2	1127492	-1.7	
26	7	1432.2	-21.9	-18.3	-3.2	-2.3	3.4	1103136	-1.7	
26	6.7	1432.1	-22.6	-19.2	-3.5	-1.8	3.5	1079811	-1.7	
26	6.4	1432.1	-23.5	-20.5	-3.5	-2.2	3.5	1057985	-1.8	
26	6.1	1432.2	-23.8	-20.6	-3.7	-1.9	3.5	1037025	-2	
26	5.8	1432.2	-23.6	-19.9	-3.8	-1.6	3.4	1016879	-2.2	
26	5.5	1432.2	-23.8	-19.5	-3.9	-1.7	3.2	997500	-2.3	
26	5.2	1432.3	-23.6	-19.2	-3.6	-0.8	3.1	979305	-2.5	
26	4.9	1432.3	-24.9	-20.1	-3.6	-2.2	2.7	961319	-2.8	
26	4.6	1432.2	-23.7	-18.2	-3.4	-0.8	2.2	943983	-3	
26	4.3	1432.2	-25.2	-19.2	-3.1	-1.6	1.8	926440	-3.2	
26	4	1432.3	-26	-20.3	-2.9	-1.3	1.7	909142	-3.2	
26	3.7	1432.6	-27.2	-21.1	-2.7	-2.6	1.7	892859	-3.2	
26	3.4	1432.9	-27.8	-21.1	-2.5	-2.9	1.9	877516	-3.2	
26	3.1	1433.3	-28.2	-21.3	-2.4	-3.2	2.3	862692	-3.2	
26	2.8	1433.3	-29.5	-21.8	-2.5	-3.9	2.6	848361	-3	
26	2.5	1434.1	-29.8	-21.4	-2.4	-3.7	3.3	834830	-3	
26	2.2	1434.5	-29.8	-20.2	-2.5	-3.7	3.9	821402	-3.1	
26	1.9	1435	-31	-20.9	-2.7	-3.9	4.7	808400	-3.1	
26	1.6	1434.9	-32.3	-21.6	-3.1	-4.8	5	796407	-3.1	
26	1.3	1434.9	-31.9	-20.6	-3.4	-3.6	5.1	784766	-3.3	
26	1	1434.8	-32.5	-20.8	-3.7	-3.8	5.1	773174	-3.3	
26	0.7	1434.5	-32.6	-20.2	-4	-3.5	5	761643	-3.1	
26	0.4	1434.1	-33.6	-20.7	-4.2	-2.8	4.7	750181	-2.6	
26	0.1	1434.1	-33.3	-19.9	-4.4	-1.9	4.6	739582	-2.3	
25	999.8	1434	-34.7	-20	-4.3	-3	4.3	730040	-1.8	
25	999.5	1433.8	-35.1	-19.8	-4.3	-1.8	4	721239	-1.4	
25	999.2	1433.8	-35.2	-19.5	-4.2	-0.2	4	712889	-1	
25	998.9	1433.9	-36	-19.9	-4.3	-0.5	4.1	704969	-0.8	
25	998.6	1433.9	-36.2	-19.1	-4.5	-0.3	4.2	697454	-0.6	
25	998.3	1433.8	-36.2	-19.6	-4.7	0	4.3	689870	-0.7	
25	998	1433.8	-37.2	-20.6	-4.8	-0.2	4.5	682450	-0.6	
25	997.7	1433.6	-37.5	-20.4	-5.2	-0.7	4.7	674753	-0.8	
25	997.4	1433.4	-37.1	-19.7	-5.4	-0.1	4.8	666377	-1.2	
25	997.1	1433.3	-38.4	-20.3	-5.6	-1.4	5	657794	-1.7	
25	996.8	1433.2	-39.8	-21	-5.9	-2.6	5.1	649026	-1.7	
25	996.5	1433.3	-40.6	-20.9	-6	-2.8	5.1	640097	-1.7	
25	996.2	1433.7	-40.4	-20.1	-5.8	-2.2	5.3	631030	-2	
25	995.9	1433.9	-41.2	-20.7	-5.7	-3.4	5.4	622401	-2.1	
25	995.6	1434	-41.6	-20.9	-5.7	-3.1	5.4	613646	-2.3	
25	995.3	1434.1	-41.9	-21.4	-5.6	-3.2	5.4	604783	-2.3	
25	995	1434.1	-41.7	-20.7	-5.5	-3.2	5.4	596343	-2.4	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
25	994.7	1434	-42.2	-20.9	-5.4	-3	5.3	587804	-2.5	
25	994.4	1434.3	-42.5	-20.6	-5.2	-2	5.5	579026	-2.4	
25	994.1	1434.4	-42.9	-20.3	-5.2	-1.8	5.6	570196	-2.2	
25	993.8	1434.4	-44.2	-20.7	-5.3	-2.8	5.5	561631	-2.1	
25	993.5	1434.6	-43.6	-19.8	-5.4	-1.4	5.5	553173	-2.1	
25	993.2	1434.8	-44.4	-20.8	-5.2	-1.8	5.5	544966	-2.2	
25	992.9	1434.9	-44.6	-20.8	-5.3	-1.6	5.5	537000	-2.2	
25	992.6	1435	-44.6	-21	-5.2	-1.3	5.6	529262	-2.2	
25	992.3	1435	-44.9	-20	-5.2	-1.7	5.8	522265	-2.4	
25	992	1434.9	-45.9	-22.2	-5.4	-2.5	5.9	516214	-2.5	
25	991.7	1434.7	-46	-20.8	-5.4	-2.5	5.9	511297	-2.6	
25	991.4	1434.8	-46.6	-20.6	-5.4	-1.6	6	507210	-2.6	
25	991.1	1435	-47.4	-20.2	-5.5	-2.7	6.2	503672	-2.8	
25	990.8	1435.1	-47.9	-20.1	-5.7	-3	6.3	500541	-3.1	
25	990.5	1435.3	-48.5	-20.3	-5.6	-3.1	6.4	497804	-3.2	
25	990.2	1435.1	-49.3	-19.8	-5.8	-3.9	6.3	495097	-3.2	
25	989.9	1434.8	-49.1	-19.3	-6	-3.2	6	492534	-3.2	
25	989.6	1434.6	-49.4	-19.6	-6.1	-3.1	5.9	489655	-3.2	
25	989.3	1434.1	-49.4	-18.4	-6.5	-2.6	5.8	486018	-2.9	
25	989	1434	-51	-18.7	-6.8	-3.3	5.9	481657	-2.4	
25	988.7	1434	-51.3	-19.4	-6.9	-2.9	5.9	476831	-2.1	
25	988.4	1434.1	-51.6	-19.1	-7.1	-2.4	6.1	471462	-1.8	
25	988.1	1434	-52.6	-20	-7.5	-3	6.2	465902	-1.6	
25	987.8	1434.2	-52.5	-18.9	-7.5	-1.2	6.5	459966	-1.2	
25	987.5	1434.6	-53.2	-19.9	-7.4	-2	7	453982	-1	
25	987.2	1434.7	-53.1	-18.4	-7.5	-1.1	7.3	448152	-1.1	
25	986.9	1434.8	-53.3	-18.2	-7.5	-1.7	7.7	442750	-1.2	
25	986.6	1435	-53.6	-18.4	-7.4	-0.9	8	437660	-1.4	
25	986.3	1435	-53.7	-17.7	-7.4	-1	8.2	432954	-1.9	
25	986	1435	-54.1	-17.9	-7.2	-1.5	8.1	428787	-2.3	
25	985.7	1435.3	-54	-17.8	-6.9	-0.9	8.2	425131	-2.8	
25	985.4	1435.3	-55.8	-18.6	-7.2	-2.3	8.2	421876	-2.8	
25	985.1	1435.2	-55.3	-17.8	-7.2	-1.4	8	418921	-3	
25	984.8	1435.3	-56.8	-19.7	-7	-2.6	7.8	416091	-3.2	
25	984.5	1435	-56.3	-17.9	-7.1	-2.1	7.6	413217	-3.2	
25	984.2	1434.7	-57.2	-17.4	-7.3	-2.1	7.4	410704	-3.1	
25	983.9	1434.4	-57.8	-17.2	-7.4	-2.5	7.3	408222	-2.8	
25	983.6	1434.2	-58.2	-17.8	-7.7	-2.2	7.4	405534	-2.6	
25	983.3	1434	-59.1	-17.9	-8.2	-2.9	7.6	402881	-2.2	
25	983	1434.3	-60.1	-18.5	-8.2	-1.9	8	400109	-1.8	
25	982.7	1434.2	-60.5	-18.6	-8.4	-2.1	8.3	397149	-1.4	
25	982.4	1434.2	-61.6	-19.9	-8.8	-2	8.6	394233	-1.1	
25	982.1	1434.2	-61.4	-19.2	-8.6	-1.6	8.6	391432	-1	
25	981.8	1434.3	-62.8	-20.3	-8.6	-2.3	8.6	388527	-1.1	
25	981.5	1434	-62.6	-19.7	-8.8	-1.5	8.3	385593	-1.2	
25	981.2	1434	-63.1	-18.9	-8.9	-2.1	8	382634	-1.5	
25	980.9	1434	-62.7	-19.1	-8.7	-1.4	7.7	379719	-1.9	
25	980.6	1433.6	-64.3	-19.9	-8.8	-2.6	7.3	376849	-2.1	
25	980.3	1433.4	-64.2	-19.6	-8.6	-2.3	7	374155	-2.2	
25	980	1433.4	-64.6	-20	-8.3	-2.2	6.8	371302	-2.6	
25	979.7	1433.4	-65.4	-20.5	-8.3	-3	6.8	368168	-2.9	
25	979.4	1433.8	-66	-20.1	-8.2	-2.8	7.2	365087	-3	
25	979.1	1434.7	-66.7	-20.7	-7.6	-3.7	7.9	361994	-3.2	
25	978.8	1435.5	-66.8	-20.2	-7.4	-2.8	8.5	359077	-3.3	
25	978.5	1436.1	-67.3	-19.9	-7.3	-3.7	9.2	356387	-3.4	
25	978.2	1436	-67.5	-19.6	-7.4	-2.6	9.6	353738	-3.4	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
25	977.9	1435.9	-67.7	-19.2	-8.2	-2.3	10.3	351128	-3.3	
25	977.6	1435.7	-68.3	-19	-8.7	-3.1	10.7	348672	-3.5	
25	977.3	1435.5	-69.2	-20.1	-9	-3.1	10.8	346537	-3.6	
25	977	1435.2	-69.5	-20.1	-9.5	-3.2	10.7	344485	-3.7	
25	976.7	1434.9	-69.7	-20.3	-10.2	-2.2	10.6	342512	-3.5	
25	976.4	1434.7	-71.5	-20.5	-10.6	-4.1	10.3	340452	-3.3	
25	976.1	1434.4	-71.3	-20	-11.1	-3	10	338252	-3	
25	975.8	1434.1	-72.3	-20.7	-11.1	-3.5	9.6	335864	-2.8	
25	975.5	1434.2	-73.2	-20.6	-10.7	-4.1	9.2	333564	-2.7	
25	975.2	1433.9	-72.7	-20.2	-10.7	-2.4	8.9	331294	-2.2	
25	974.9	1433.9	-74	-20.8	-10.5	-2.6	8.8	329004	-1.9	
25	974.6	1434.2	-73.9	-20.8	-10.1	-2.1	8.8	326745	-1.7	
25	974.3	1434.3	-75.2	-21.9	-9.8	-3.4	8.6	324567	-1.4	
25	974	1434.6	-74.6	-21	-9.6	-1.1	8.7	322567	-1.3	
25	973.7	1435	-75.4	-21.7	-9.3	-2.4	8.9	320886	-1.2	
25	973.4	1435.2	-75.8	-21.7	-8.8	-2.1	8.9	319515	-1.4	
25	973.1	1435.4	-75.9	-21.9	-9	-0.7	9.1	318349	-1.5	
25	972.8	1435.7	-76.7	-20.9	-8.8	-2.3	9.4	317577	-1.8	
25	972.5	1435.8	-77.5	-22.2	-8.8	-2.3	9.5	317000	-2	
25	972.2	1435.9	-77.6	-20.8	-8.9	-2.2	9.6	316473	-2.2	
25	971.9	1436.1	-76.8	-20.5	-9.1	-0.3	9.9	315900	-2.5	
25	971.6	1436.2	-78.1	-20.9	-9.2	-2.7	10	315139	-2.8	
25	971.3	1436.4	-77.2	-19.4	-9.4	-1.5	10.2	313958	-3.2	
25	971	1436.1	-77.9	-19.7	-10	-1.9	10.4	312365	-3.3	
25	970.7	1436.4	-80.2	-21.1	-9.8	-4.5	10.5	310420	-3.6	
25	970.4	1436.3	-79.7	-19.6	-10	-2.3	10.4	307955	-3.7	
25	970.1	1436.3	-80.3	-19.8	-10.4	-2.6	10.6	305261	-3.8	
25	969.8	1436.3	-81.2	-19.6	-10.9	-2.9	10.8	302395	-3.6	
25	969.5	1436.3	-82.8	-21.4	-11.1	-5.3	10.7	299497	-3.6	
25	969.2	1436.3	-81.7	-18.9	-11.5	-2.2	10.7	296781	-3.4	
25	968.9	1436.3	-82.4	-19.8	-11.9	-3.3	10.6	294485	-3.2	
25	968.6	1436.2	-82.9	-19.8	-11.8	-3.8	10.3	292469	-3.1	
25	968.3	1436.1	-82.7	-20	-12.3	-1.2	10.5	290885	-2.4	
25	968	1436.1	-85.5	-21.2	-12.4	-3.6	10.6	289718	-1.9	
25	967.7	1436.4	-85.5	-21.3	-12	-2.9	10.7	288998	-1.6	
25	967.4	1436.9	-86.1	-21.5	-11.4	-2.6	10.7	288520	-1.6	
25	967.1	1437.3	-85.5	-20.1	-11	-1	10.9	288321	-1.4	
25	966.8	1438	-87.8	-21.8	-10.5	-2.9	11.2	288202	-1.2	
25	966.5	1438.8	-87.4	-20.7	-9.9	-2.4	11.7	288163	-1.1	
25	966.2	1439.3	-86.5	-19.7	-9.6	-0.7	12.2	288123	-1.2	
25	965.9	1439.4	-87.7	-20.4	-9.3	-2.7	12.5	288044	-1.2	
25	965.6	1439.4	-87.9	-20.4	-9.1	-1.1	12.5	287767	-1.4	
25	965.3	1439.2	-88.1	-20.4	-9.2	-1.7	12.5	287293	-1.7	
25	965	1439	-89	-20.7	-9.4	-2.6	12.4	286624	-2.1	
25	964.7	1438.5	-89	-19.8	-9.9	-3	12.2	285764	-2.4	
25	964.4	1438.2	-90.5	-21	-10.4	-2.8	11.9	284831	-2.7	
25	964.1	1437.7	-89.8	-20.1	-10.9	-3.4	11.4	283865	-2.9	
25	963.8	1437.2	-91	-19.5	-11	-4.2	10.7	282945	-3	
25	963.5	1436.4	-89.7	-18.4	-11.5	-2.7	10.2	282106	-3	
25	963.2	1435.9	-90.8	-18.5	-11.9	-3.3	10	281272	-2.9	
25	962.9	1435.5	-90.6	-17.4	-12	-3.6	9.6	280556	-3	
25	962.6	1435.2	-90.9	-18.2	-12.2	-2.6	9.5	279956	-2.8	
25	962.3	1435.1	-91.3	-17.3	-12.3	-3.1	9.7	279396	-2.6	
25	962	1435.4	-93	-19.1	-11.9	-3.3	9.8	278838	-2.3	
25	961.7	1435.6	-91.3	-16.1	-11.9	-2	10.2	278282	-2.1	
25	961.4	1435.8	-93.1	-18.5	-11.8	-2.6	10.8	277581	-1.9	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
25	961.1	1435.9	-92.4	-17	-11.6	-2.6	11.4	276810	-1.6	
25	960.8	1436.2	-92.9	-17.1	-11.6	-1.6	11.9	275935	-1.6	
25	960.5	1436.6	-92	-16.1	-11.7	-1.7	12.7	274920	-1.7	
25	960.2	1436.9	-93.3	-16.6	-11.5	-3.1	13	273806	-1.9	
25	959.9	1436.9	-92.6	-15.1	-11.7	-2.2	13.3	272736	-1.8	
25	959.6	1436.8	-93.4	-15.8	-12.2	-2.2	13.5	271745	-2	
25	959.3	1436.9	-93	-16.2	-12.2	-3.3	13.6	270761	-2.2	
25	959	1436.4	-93.8	-15.7	-12.5	-2.9	13.4	269888	-2.4	
25	958.7	1435.9	-93.2	-16	-12.9	-2.4	13.4	269125	-2.3	
25	958.4	1435.8	-94.9	-17	-12.8	-3.4	13.1	268332	-2.2	
25	958.1	1435.6	-93.4	-13.2	-12.5	-3	12.5	267749	-2.4	
25	957.8	1435.5	-93.3	-13.6	-12.5	-2.1	12.1	267304	-2.5	
25	957.5	1435.6	-93.1	-12.8	-12.3	-2.6	11.9	266964	-2.6	
25	957.2	1435.5	-93.5	-12.3	-11.8	-2.7	11.3	266658	-2.7	
25	956.9	1435.4	-92.6	-9.8	-11.6	-2.7	11	266454	-2.8	
25	956.6	1435.2	-93.5	-11.8	-11.2	-2.8	10.7	266386	-3	
25	956.3	1434.9	-93.8	-11.4	-10.9	-3.8	10.4	266522	-2.8	
25	956	1434.7	-94.5	-11.6	-10.7	-2.9	10.2	266896	-2.6	
25	955.7	1434.7	-93.6	-10.9	-10.7	-2.9	10.3	267475	-2.3	
25	955.4	1434.8	-94.1	-8.6	-10.8	-3.1	10.4	268195	-1.9	
25	955.1	1435	-93.5	-8	-11	-2.5	10.6	269056	-1.5	
25	954.8	1435.2	-93.6	-7.5	-11.3	-1.5	11	269923	-1.1	
25	954.5	1435.2	-92.3	-6.8	-11.7	-1.1	11.2	270726	-0.9	
25	954.2	1435	-93.6	-5.8	-11.9	-2.2	11.1	271393	-0.9	
25	953.9	1434.8	-92.5	-5.1	-12.1	-0.9	11.1	271745	-1.2	
25	953.6	1434.6	-93.4	-6.9	-12.2	-1.7	11.1	271674	-1.8	
25	953.3	1434.7	-92.6	-4.9	-12.1	-2.3	11.1	271147	-2.5	
25	953	1434.9	-92.6	-4.7	-12	-2.8	11	270167	-3.4	
25	952.7	1435.2	-91.9	-3.8	-11.8	-3.1	11	268711	-3.9	
25	952.4	1435.6	-92.9	-3.9	-11.5	-5	11	267066	-4.6	
25	952.1	1436.1	-91.5	-2.5	-11.1	-4.8	11.1	265373	-5.1	
25	951.8	1436.4	-91.1	-0.6	-10.9	-4.2	11.4	263835	-5.7	
25	951.5	1436.6	-91.8	-2	-11.1	-5.3	11.9	262578	-6.1	
25	951.2	1436.7	-92.6	-1.6	-11.1	-5.9	12.3	261594	-6.1	
25	950.9	1436.8	-92	-2.3	-11.5	-5.1	12.8	260909	-6.1	
25	950.6	1436.9	-92.2	-1.4	-11.8	-4.9	13.3	260682	-5.9	
25	950.3	1437	-91.8	-1.2	-11.9	-4.8	13.5	260974	-6.1	
25	950	1437.1	-91.5	-0.6	-12.1	-4.4	13.6	261594	-6.3	
25	949.7	1437	-91.4	-0.1	-12.4	-4.9	13.6	262512	-6.2	
25	949.4	1436.9	-91.6	1.4	-12.7	-5.1	13.5	263536	-6	
25	949.1	1436.8	-92.7	-1.4	-12.7	-4.9	13.2	264435	-5.4	
25	948.8	1436.5	-92.1	1	-12.7	-3.3	12.8	265373	-4.9	
25	948.5	1436.4	-93.3	-0.9	-12.7	-4.3	12.6	266420	-4.3	
25	948.2	1435.9	-93.7	-0.8	-13	-3.9	12.2	267407	-3.4	
25	947.9	1435.5	-94.3	-2.3	-13	-3.7	11.9	268195	-2.3	
25	947.6	1435.5	-93.9	-0.6	-12.8	-2.8	11.7	268849	-1.6	
25	947.3	1435.6	-94	-1.4	-12.6	-2.9	11.6	269298	-1.1	
25	947	1435.8	-94	-0.6	-12.2	-2.6	11.5	269402	-0.4	
25	946.7	1435.9	-94.5	-1.5	-11.9	-2.1	11.4	269472	0.3	
25	946.4	1436.1	-94.8	-1	-11.5	-2.3	11.3	269333	0.9	
25	946.1	1436.2	-94.6	-1.4	-11.1	-1.2	11.1	268953	0.9	
25	945.8	1436.4	-94.3	0.6	-10.4	-1.2	10.8	268366	0.6	
25	945.5	1436.3	-94.1	-0.7	-10.2	-1.3	10.4	267612	0.3	
25	945.2	1436.2	-93.8	-0.5	-10.2	-1.2	10	266760	-0.2	
25	944.9	1436.1	-92.9	0.2	-10.3	-0.7	9.9	265913	-0.7	
25	944.6	1436.1	-92.1	1.4	-10.3	-0.3	9.9	265205	-1.6	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
25	944.3	1436	-91.5	1.1	-10.5	0.4	10	264535	-2.5	
25	944	1436	-91.2	2.3	-10.9	-1.1	10.4	263835	-3.3	
25	943.7	1435.9	-91.6	2.2	-11.4	-1.4	10.9	263139	-3.9	
25	943.4	1436.2	-91.3	3.2	-12	-1.3	11.7	262446	-4.1	
25	943.1	1436.7	-90.6	3	-12.3	-1	12.8	261888	-4.2	
25	942.8	1437.3	-91.8	2.3	-12.5	-2.2	13.8	261431	-4.2	
25	942.5	1437.3	-91.9	1.6	-12.6	-3.2	14.3	261007	-4.1	
25	942.2	1437.2	-92.7	0.9	-12.9	-3.5	14.7	260650	-3.9	
25	941.9	1437	-94.3	-2	-12.8	-5.5	14.4	260423	-3.7	
25	941.6	1436.8	-91.9	1.7	-13	-3.2	14	260390	-3.6	
25	941.3	1436.7	-93.6	-1.1	-12.7	-4	13.8	260650	-3.1	
25	941	1436.7	-93.8	-0.4	-12.5	-3.8	13.5	261137	-2.8	
25	940.7	1436.1	-93.5	-0.9	-12.5	-4.5	12.6	261823	-2.8	
25	940.4	1435.7	-93.7	-1.1	-12.4	-3.2	11.8	262644	-2.8	
25	940.1	1435.1	-92.8	-0.9	-12.3	-2.9	11.1	263503	-2.7	
25	939.8	1434.7	-94.1	-1.2	-12.2	-3	10.5	264302	-2.4	
25	939.5	1434.8	-93.5	-2	-11.9	-2.1	10.4	264970	-2.3	
25	939.2	1435.5	-93.5	-2.4	-11.5	-2.1	10.9	265407	-2.3	
25	938.9	1435.3	-93.8	-2	-11.3	-3.7	10.6	265542	-2.2	
25	938.6	1435.3	-94.3	-1.7	-11	-2.7	10.3	265340	-2.2	
25	938.3	1435.2	-93	-1	-10.7	-2.8	10.2	265038	-2.3	
25	938	1435.3	-94.8	-2.6	-10.6	-4.3	10.2	264569	-2.4	
25	937.7	1435.2	-93.2	-1.4	-10.5	-3.1	10.2	264035	-2.3	
25	937.4	1435.5	-94.2	-2.7	-10.5	-3	10.6	263536	-2.2	
25	937.1	1435.6	-93.2	-1.8	-10.9	-2.5	11	263139	-2.3	
25	936.8	1435.5	-95.6	-4	-11.3	-5.3	10.8	262842	-2.4	
25	936.5	1435.3	-91	1.7	-11.7	-0.5	11.1	262710	-2.4	
25	936.2	1435.4	-93.8	-1.7	-12	-2.7	11.5	262743	-2.2	
25	935.9	1435.3	-91.6	1.7	-12.4	-1.3	11.9	262809	-2.3	
25	935.6	1435.7	-92.1	1.6	-12.4	-0.6	12.5	262842	-2.4	
25	935.3	1436	-92	2.3	-12.4	-2.1	12.9	262776	-2.6	
25	935	1436.1	-92.7	1.2	-12.7	-2.5	13.1	262512	-2.6	
25	934.7	1436.2	-92.4	1.6	-12.7	-2.1	13.1	262216	-2.6	
25	934.4	1436.4	-91.8	2.2	-12.7	-0.4	13.2	261888	-2.9	
25	934.1	1436.4	-92.1	2.4	-12.7	-3.7	13.2	261561	-3.2	
25	933.8	1436.4	-92.2	2.6	-12.7	-2.3	13.2	261333	-3.3	
25	933.5	1436.3	-92.1	2.5	-12.8	-3.3	13.2	261202	-3.3	
25	933.2	1435.9	-93	1.3	-12.9	-4	12.8	261300	-3.3	
25	932.9	1435.7	-91.9	2.2	-12.9	-3.8	12.4	261725	-3.6	
25	932.6	1435.9	-91.4	2.4	-12.7	-2.6	12.3	262512	-3.9	
25	932.3	1436	-92.7	0.2	-12.5	-4.2	12.1	263470	-3.7	
25	932	1436.2	-92.9	-0.8	-12.1	-4.1	11.8	264602	-3.6	
25	931.7	1436.4	-92.2	-0.7	-11.6	-3.9	11.5	265676	-3.5	
25	931.4	1436.4	-92.5	-1.3	-11.1	-3.8	11.1	266624	-3.3	
25	931.1	1436.4	-92.5	-0.9	-10.6	-3.5	10.8	267475	-2.9	
25	930.8	1436.3	-92.5	-1.2	-10.2	-1.8	10.7	268195	-2	
25	930.5	1436.4	-91.4	-0.8	-10.1	-1.6	10.8	268573	-2	
25	930.2	1436.5	-92.7	-0.9	-10.3	-2.6	10.9	268539	-1.8	
25	929.9	1436.5	-91.9	0	-10.5	-0.8	11.2	268126	-1.5	
25	929.6	1436.6	-93.1	-0.4	-10.9	-1.2	11.6	267407	-1.1	
25	929.3	1436.6	-91.5	2.8	-11.7	-0.8	12.2	266522	-1.3	
25	929	1436.4	-91.9	0	-12.4	-1.2	12.8	265744	-1.6	
25	928.7	1436.1	-91.8	1.8	-13.1	-1.3	13.4	264903	-1.9	
25	928.4	1435.7	-92.4	1.4	-13.7	-2.4	13.5	264002	-2.4	
25	928.1	1435.8	-91.8	1.7	-13.8	-3.2	13.6	263139	-2.9	
25	927.8	1435.8	-92.5	1.2	-13.8	-3.6	13.5	262381	-3.3	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
25	927.5	1435.6	-92.4	0.4	-13.7	-4.2	13.2	261757	-3.5	
25	927.2	1435.6	-93	1.1	-13.4	-4.2	12.8	261398	-3.6	
25	926.9	1435.7	-91.9	1.6	-12.9	-4.5	12.4	261300	-3.9	
25	926.6	1435.6	-92	1.5	-12.3	-4.6	11.8	261235	-4	
25	926.3	1435.2	-92.3	1.5	-11.8	-4.3	11.2	261333	-3.7	
25	926	1435.4	-92.3	2	-11.1	-3.4	10.9	261594	-3.2	
25	925.7	1435.5	-91.5	1.5	-10.9	-3.2	10.7	262019	-3	
25	925.4	1435.6	-91.6	3.2	-10.8	-2.6	10.6	262611	-2.9	
25	925.1	1435.8	-91.6	1.6	-10.6	-1.5	10.8	263304	-2.4	
25	924.8	1435.8	-91.7	2.5	-10.7	-1.4	10.8	264002	-2.3	
25	924.5	1435.9	-91	2.2	-10.7	-1.9	10.9	264569	-2.5	
25	924.2	1435.7	-91	4.6	-10.8	-1.7	11	265105	-2.7	
25	923.9	1435.5	-91.6	-0.6	-10.7	-2.1	11.1	265508	-2.8	
25	923.6	1435.5	-91.8	2	-11	-2.1	11.3	265744	-2.9	
25	923.3	1435.6	-90.9	0.7	-11.1	-1.9	11.4	265845	-3.3	
25	923	1435.7	-91.2	0.9	-11	-2.7	11.5	265778	-3.5	
25	922.7	1435.6	-92.5	-0.5	-11.3	-3.6	11.4	265575	-3.3	
25	922.4	1435.8	-92.1	0.6	-11.3	-2.7	11.4	265373	-3.2	
25	922.1	1435.7	-91.3	1.1	-11.5	-2.4	11.3	265239	-3.2	
25	921.8	1435.5	-91.9	-0.1	-11.7	-3.3	11.2	265038	-3.2	
25	921.5	1435.1	-92.4	-0.3	-12.2	-2.7	11.2	264836	-2.8	
25	921.2	1435.1	-92.8	-0.6	-12.3	-2.7	11.3	264669	-2.5	
25	920.9	1435	-93.1	-1	-12.4	-3.4	11.4	264535	-2.4	
25	920.6	1434.8	-92.5	0.5	-12.8	-1.9	11.5	264468	-2.2	
25	920.3	1435.2	-92.9	-1	-12.5	-1.9	11.9	264435	-2.1	
25	920	1435.6	-93.4	-2	-12.5	-2.3	12.3	264335	-1.8	
25	919.7	1435.9	-93.1	-0.4	-12.3	-2.3	12.6	264201	-1.6	
25	919.4	1436.3	-92.6	0.3	-12.1	-1.5	13	264102	-1.9	
25	919.1	1436.6	-93.5	-1.3	-11.8	-3.1	13.2	264168	-2.2	
25	918.8	1436.6	-93.4	-0.9	-11.8	-2.6	13.1	264402	-2.5	
25	918.5	1436.5	-93.3	-0.8	-11.8	-2.7	13	264836	-2.7	
25	918.2	1436.4	-94.4	-1.9	-11.5	-3.9	12.8	265373	-2.9	
25	917.9	1436	-93.7	-2.3	-11.8	-3.8	12.5	266014	-3.1	
25	917.6	1435.8	-93.8	-1.1	-11.8	-3.6	12.1	266726	-3.5	
25	917.3	1435.5	-93.4	-1.5	-11.8	-3.8	11.7	267544	-3.7	
25	917	1435.2	-94	-0.9	-12	-4.8	11.3	268298	-3.6	
25	916.7	1435.3	-92.8	-1.3	-11.7	-3.1	11	268918	-3.8	
25	916.4	1435.4	-93.9	-2	-11.5	-4.4	10.8	269264	-3.7	
25	916.1	1435.5	-93.5	-1.7	-11.4	-3.6	10.7	269229	-3.3	
25	915.8	1435.4	-94.4	-2	-11.5	-3.3	10.6	268883	-2.9	
25	915.5	1435.4	-93.1	-1.3	-11.4	-1.9	10.7	268263	-2.7	
25	915.2	1435.3	-94	-1.5	-11.7	-2.4	10.8	267441	-2.6	
25	914.9	1435.3	-93.6	-1.2	-11.8	-2.3	11	266488	-2.4	
25	914.6	1435.5	-93.1	-0.1	-11.8	-1.4	11.4	265474	-2.4	
25	914.3	1435.4	-93.5	-1.6	-12	-2.3	11.6	264502	-2.3	
25	914	1435.6	-93.1	-1.1	-12.2	-1.3	12	263636	-2.4	
25	913.7	1435.9	-93.1	-0.8	-12.2	-1.7	12.5	262941	-2.7	
25	913.4	1436.2	-93.6	-1.3	-12.2	-1.9	12.9	262512	-2.9	
25	913.1	1436.3	-94	-2.5	-12.2	-2.9	13	262348	-3	
25	912.8	1436.6	-94.5	-2.9	-11.8	-3.6	13	262414	-3.4	
25	912.5	1436.8	-93.9	-2.3	-11.6	-3.3	12.9	262644	-3.7	
25	912.2	1436.5	-94.2	-2.5	-11.5	-4.3	12.5	263007	-4.1	
25	911.9	1436.3	-94.1	-3.1	-11.6	-3.4	12.4	263404	-3.9	
25	911.6	1436.2	-94.4	-3.4	-11.4	-4	12.1	263869	-3.7	
25	911.3	1435.8	-94.6	-3	-11.5	-3.8	11.6	264368	-3.3	
25	911	1435.7	-94.7	-2.9	-11.3	-3.4	11.2	264903	-3.2	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
25	910.7	1435.6	-95.2	-4.3	-11.1	-2.8	10.9	265407	-2.6	
25	910.4	1435.5	-94.6	-3.4	-11.2	-1.8	10.9	265845	-2.3	
25	910.1	1435.6	-95	-2.5	-11.6	-2.1	11.2	266217	-2.1	
25	909.8	1435.6	-94.8	-2.7	-11.6	-1.5	11.6	266556	-1.9	
25	909.5	1435.6	-95.7	-4.4	-11.7	-2.3	11.9	266862	-1.6	
25	909.2	1435.4	-95.2	-3.3	-11.8	-1.7	12	267202	-1.6	
25	908.9	1435.4	-95	-2.6	-11.7	-1.3	12.1	267441	-1.6	
25	908.6	1435.4	-95.5	-2.7	-11.8	-2.2	12.1	267544	-1.7	
25	908.3	1435.2	-95.9	-2.8	-12	-2	11.9	267475	-1.7	
25	908	1435.1	-95.7	-3.2	-12.2	-2.4	11.7	267304	-1.9	
25	907.7	1435.1	-96	-3.1	-11.9	-3.3	11.4	267066	-2.1	
25	907.4	1434.6	-96.2	-2.8	-11.8	-3.6	10.8	266794	-2.2	
25	907.1	1434.4	-95.9	-2.8	-11.6	-2.7	10.6	266454	-2.2	
25	906.8	1434.3	-95.8	-3.2	-11.3	-3.3	10.6	266082	-2.5	
25	906.5	1434.2	-95.9	-2.4	-11.3	-3.8	10.8	265710	-2.7	
25	906.2	1434.6	-95.3	-1.9	-11.2	-2.8	11.3	265373	-2.8	
25	905.9	1435	-96	-2.7	-11.1	-3	11.9	265172	-2.6	
25	905.6	1435.6	-95.8	-1.4	-11	-3.2	12.5	265071	-2.8	
25	905.3	1435.7	-94.7	-1	-11.5	-2.9	13	265071	-3	
25	905	1435.7	-94.9	-1.1	-11.7	-2.8	13.6	265172	-3.2	
25	904.7	1435.3	-95.2	-1.8	-12.2	-3.4	13.8	265340	-3.4	
25	904.4	1434.5	-94.8	-0.8	-13.1	-3.7	13.8	265575	-3.7	
25	904.1	1434	-94.7	-1.9	-13.3	-3.9	13.6	265845	-4.1	
25	903.8	1433.5	-95.1	-1.2	-13.7	-5	13.2	266251	-4.5	
25	903.5	1433.2	-95.2	-1.7	-13.7	-4.3	12.6	266794	-4.4	
25	903.2	1433.2	-95.2	-0.8	-13.5	-5.1	11.9	267407	-4.8	
25	902.9	1433.4	-93.7	-0.6	-12.8	-4.3	11.3	267954	-5	
25	902.6	1433.1	-94.5	-0.5	-12.7	-4.8	10.7	268401	-4.9	
25	902.3	1433	-94.5	-0.9	-12.3	-3.6	10.3	268745	-4.4	
25	902	1433.3	-93.9	-0.8	-11.4	-3	10.1	268953	-4.2	
25	901.7	1433.2	-93.9	-0.4	-11.1	-3.1	9.8	269125	-4	
25	901.4	1433.3	-94	-0.9	-11	-2.7	9.7	269195	-3.8	
25	901.1	1433.6	-94.6	-1.5	-10.6	-2.4	9.7	269091	-3.2	
25	900.8	1434	-94	-0.4	-10.6	-2	9.9	268814	-3.2	
25	900.5	1434.1	-94.2	-0.2	-11	-2.5	10.2	268470	-3.1	
25	900.2	1434.5	-94.2	0.3	-10.9	-1.7	10.8	268195	-2.9	
25	899.9	1434.6	-95.3	-1.4	-11.1	-2.5	11.3	268057	-2.5	
25	899.6	1434.8	-95.4	-1.2	-11.5	-2.4	11.7	267989	-2.3	
25	899.3	1435.1	-95	-0.9	-11.4	-2.4	12	268023	-2.3	
25	899	1435.6	-95.1	-0.7	-11.5	-2.4	12.5	268092	-2.2	
25	898.7	1435.8	-95.5	-0.9	-11.6	-2.5	12.8	268195	-2.1	
25	898.4	1436.2	-95.2	-0.5	-11.7	-2.4	13.2	268332	-2.2	
25	898.1	1436.3	-95.8	-0.6	-11.5	-2.8	13.3	268435	-2.3	
25	897.8	1436.2	-96.3	-1.7	-11.7	-3.9	13.2	268539	-2.4	
25	897.5	1435.8	-96.2	-1.2	-11.7	-2.6	12.9	268573	-2.4	
25	897.2	1435.8	-96.7	-1.9	-11.6	-3.8	12.7	268435	-2.6	
25	896.9	1435.7	-95.9	-0.2	-11.6	-3.2	12.4	268195	-2.8	
25	896.6	1435.8	-95.7	-0.5	-11.6	-3.4	12.1	267954	-3	
25	896.3	1435.7	-95.6	-0.6	-11.5	-3.1	11.8	267749	-3.2	
25	896	1435.4	-96.1	-0.6	-11.5	-3.9	11.3	267646	-2.9	
25	895.7	1435	-96.5	-0.6	-11.6	-3.6	10.9	267646	-2.6	
25	895.4	1434.9	-95.4	0.3	-11.5	-2.8	10.7	267817	-2.7	
25	895.1	1434.7	-96.7	-0.7	-11.3	-3.7	10.5	268023	-2.7	
25	894.8	1434.6	-95.5	0.7	-11.4	-2.5	10.5	268332	-2.7	
25	894.5	1434.8	-96	-0.1	-11.4	-2.9	10.7	268711	-2.7	
25	894.2	1435	-95.5	0.3	-11.3	-3.4	10.8	269195	-2.9	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
25	893.9	1435	-95.8	0.1	-11.3	-3.7	10.8	269645	-2.8	
25	893.6	1435.1	-94.9	0.4	-11.1	-3.1	10.9	270028	-2.8	
25	893.3	1435.2	-95.2	0.8	-10.9	-2.9	11.1	270272	-2.7	
25	893	1435.2	-94.4	1.4	-11	-2.8	11.4	270341	-2.7	
25	892.7	1435.2	-95.2	-0.5	-11	-3.1	11.7	270307	-2.8	
25	892.4	1435.2	-94.7	0.2	-10.9	-3.1	11.9	270167	-2.7	
25	892.1	1435.2	-95.6	-0.4	-11.1	-3.4	11.9	269888	-2.5	
25	891.8	1435.2	-94.3	0.5	-11.1	-2.2	11.9	269437	-2.5	
25	891.5	1435.3	-94.2	0.5	-11.1	-1.9	11.9	268780	-2.6	
25	891.2	1435.2	-93.2	1.9	-11.2	-1.9	11.9	268023	-2.6	
25	890.9	1435.1	-93.5	1.7	-11.5	-1.4	12	267202	-2.6	
25	890.6	1434.7	-93.3	1.9	-11.8	-1.8	11.9	266386	-2.7	
25	890.3	1434.2	-93.2	0.5	-12.1	-1.3	11.7	265609	-2.8	
25	890	1433.8	-93.1	1.4	-12.4	-1.3	11.6	264937	-2.7	
25	889.7	1433.9	-93.4	1.1	-12.6	-0.4	11.8	264368	-2.6	
25	889.4	1433.9	-93.6	0.3	-12.8	-1.4	11.8	264002	-2.5	
25	889.1	1434	-94	-0.1	-12.8	-1.4	11.8	263835	-2.5	
25	888.8	1434	-92.9	1.1	-12.8	-0.7	11.8	263835	-2.6	
25	888.5	1434.1	-94.1	0.5	-12.6	-1.6	11.7	264002	-2.7	
25	888.2	1434.1	-93.9	0.1	-12.5	-1.4	11.6	264335	-2.7	
25	887.9	1434	-94.1	0.1	-12	-1.1	11.4	264769	-2.7	
25	887.6	1434.1	-94.3	-0.1	-11.6	-1.7	11.3	265273	-2.7	
25	887.3	1434.2	-95.5	-0.2	-11.4	-1.6	11.2	265778	-2.6	
25	887	1434.6	-95.1	0.3	-11.1	-1	11.3	266319	-2.7	
25	886.7	1434.6	-96.1	-1.1	-11.2	-1.6	11.3	266760	-2.8	
25	886.4	1434.8	-96.5	-1.4	-11.1	-2.6	11.4	267100	-2.9	
25	886.1	1434.9	-96.9	-1.4	-11.4	-1.9	11.6	267339	-2.8	
25	885.8	1435.2	-97.2	-2	-11.4	-2.3	11.9	267407	-2.8	
25	885.5	1435	-98.2	-2.4	-11.7	-2.8	12	267373	-2.8	
25	885.2	1434.9	-97.4	-1.1	-12.1	-1.7	12.4	267236	-2.6	
25	884.9	1434.9	-99.5	-3.3	-12.4	-2.3	12.7	266964	-2.5	
25	884.6	1434.9	-99.9	-3.2	-12.6	-3.5	12.7	266590	-2.3	
25	884.3	1434.9	-100.5	-4.6	-12.4	-3	12.4	266251	-2.3	
25	884	1435.1	-100.8	-5.1	-12.3	-2.8	12.3	265980	-2	
25	883.7	1435.3	-101.5	-5.9	-11.9	-3.2	12.1	265710	-2	
25	883.4	1435.3	-101.5	-5.4	-11.6	-3	11.9	265474	-2.1	
25	883.1	1435.4	-102.2	-5.7	-11.2	-3.4	11.7	265239	-2.2	
25	882.8	1435.2	-102.3	-6.9	-10.9	-3.6	11.4	265038	-2.1	
25	882.5	1435	-103.8	-7.1	-10.9	-3.7	11.1	264970	-1.9	
25	882.2	1435	-102.4	-6.9	-11	-2.2	11.1	265105	-1.9	
25	881.9	1435.3	-103.5	-7.5	-11	-2.7	11.4	265340	-1.9	
25	881.6	1435.5	-103.4	-7.9	-11.3	-2.9	11.7	265643	-1.8	
25	881.3	1435.2	-103.7	-7.9	-12.1	-2.8	11.9	266014	-1.6	
25	881	1434.9	-104	-9.1	-12.7	-3	12.1	266454	-1.7	
25	880.7	1434.7	-103.8	-8.6	-13.3	-2.8	12.3	266964	-1.9	
25	880.4	1434.5	-104.1	-9.7	-13.5	-2.9	12.5	267441	-1.9	
25	880.1	1434.6	-104.5	-9.3	-13.5	-2.5	12.8	267783	-2	
25	879.8	1434.8	-104.3	-9.6	-13.4	-3.6	13	267954	-2.2	
25	879.5	1434.9	-104.8	-9.2	-13.3	-3.7	12.8	267989	-2.5	
25	879.2	1435.1	-103.8	-9.5	-13.1	-3.8	12.5	267817	-2.7	
25	878.9	1435.5	-103.4	-9.2	-12.6	-2.8	12.5	267475	-2.6	
25	878.6	1435.7	-103.9	-10.7	-12.3	-3.4	12.3	267066	-2.5	
25	878.3	1435.9	-103.6	-10.1	-11.9	-3.2	12.2	266624	-2.4	
25	878	1435.8	-103.8	-10.5	-11.7	-3.3	12	266149	-2.2	
25	877.7	1435.6	-104.3	-11.1	-11.6	-3.3	11.7	265710	-2.1	
25	877.4	1435.4	-103.5	-10.4	-11.6	-3.3	11.4	265407	-2.2	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
25	877.1	1435.6	-103.7	-10.3	-11.3	-3.3	11.1	265239	-2.3	
25	876.8	1435.9	-101.9	-8.3	-11.1	-2.7	11.1	265239	-2.4	
25	876.5	1436.1	-102.8	-8.8	-11.1	-3.9	11.1	265373	-2.4	
25	876.2	1436.4	-102	-9.1	-10.9	-3.6	11.1	265609	-2.4	
25	875.9	1436.5	-101.8	-7.7	-11	-3.6	11.1	265946	-2.4	
25	875.6	1436.4	-101.2	-7.3	-11	-3.5	11	266352	-2.4	
25	875.3	1436.4	-101.6	-7.5	-11	-3.6	11.1	266760	-2.3	
25	875	1436.4	-100.5	-6.2	-11.3	-3.1	11.3	267202	-2.3	
25	874.7	1436.7	-100.6	-5.1	-11.3	-3.3	11.6	267715	-2.5	
25	874.4	1436.8	-99.4	-4.3	-11.4	-4.1	11.7	268160	-2.7	
25	874.1	1436.7	-99.2	-3.1	-11.4	-3.7	11.6	268435	-2.9	
25	873.8	1436.7	-97.6	-1.1	-11.4	-3.2	11.6	268642	-3.1	
25	873.5	1436.9	-97.5	-0.6	-11.1	-3.8	11.6	268780	-3.5	
25	873.2	1437	-96.3	0.9	-11	-3.5	11.8	268849	-3.6	
25	872.9	1437.1	-96.2	2	-11.2	-3.1	12	268849	-3.9	
25	872.6	1437.3	-95.9	1.5	-11	-4.2	11.9	268814	-4.2	
25	872.3	1437.2	-96	3.5	-10.9	-4.4	11.5	268711	-4.5	
25	872	1437	-94.2	5.7	-11	-3.4	11.2	268711	-4.7	
25	871.7	1437	-94.1	6.4	-10.9	-3.1	11	268849	-4.8	
25	871.4	1436.7	-92.9	7.9	-11	-3.4	10.8	269056	-5	
25	871.1	1436.4	-92.6	8.9	-11.3	-2.9	10.6	269333	-5.2	
25	870.8	1436.1	-91.6	9.9	-11.5	-3.3	10.5	269680	-5.2	
25	870.5	1436.1	-92.3	9.9	-11.4	-3.5	10.5	270097	-5.1	
25	870.2	1436.3	-91.4	10.9	-11.3	-2.3	10.7	270586	-4.9	
25	869.9	1436.5	-91.6	12.2	-11.3	-2	11.1	271182	-4.8	
25	869.6	1436.7	-91.5	10.9	-11.5	-2.9	11.7	271851	-4.5	
25	869.3	1437	-92.4	11.1	-11.7	-3	12.3	272452	-4.2	
25	869	1437.2	-91.4	12	-11.7	-2.2	12.8	273056	-4	
25	868.7	1437.3	-92.3	11.4	-11.7	-3.2	13	273806	-4	
25	868.4	1437.1	-90.7	13.3	-11.5	-2	13	274524	-3.8	
25	868.1	1436.9	-91.7	12.1	-11.7	-1.8	13	275137	-3.6	
25	867.8	1436.5	-92	12.1	-11.8	-2.9	12.7	275644	-3.5	
25	867.5	1436.2	-92.8	11.7	-11.7	-3.2	12.2	276008	-3.5	
25	867.2	1435.9	-91.9	12.4	-11.7	-2.3	11.7	276153	-3.6	
25	866.9	1435.8	-93.1	11.7	-11.6	-2.8	11.3	276117	-3.5	
25	866.6	1435.6	-93.4	10.4	-11.5	-3	10.9	275935	-3.3	
25	866.3	1435.5	-93.7	9.7	-11.5	-2.4	10.7	275608	-3.1	
25	866	1435.2	-93.4	10.5	-11.5	-2.9	10.6	275173	-2.8	
25	865.7	1435.1	-94.6	9	-11.6	-2.9	10.7	274740	-2.2	
25	865.4	1435	-93.9	9.9	-11.5	-1.9	10.8	274272	-1.9	
25	865.1	1435	-94.7	9.6	-11.6	-1.7	11.1	273842	-1.6	
25	864.8	1435.1	-94.9	8.6	-11.5	-2.6	11.2	273484	-1.3	
25	864.5	1435.2	-95.3	8.4	-11.4	-1.6	11.4	273199	-0.9	
25	864.2	1435.2	-96.1	5.8	-11.6	-2.4	11.6	272878	-0.7	
25	863.9	1435.2	-96.5	6.3	-11.7	-2.6	11.7	272558	-0.7	
25	863.6	1435.2	-95.9	6.1	-11.6	-2.1	11.7	272275	-0.9	
25	863.3	1435	-96.2	5.6	-11.8	-1.5	11.7	271992	-0.9	
25	863	1435	-95.9	5.3	-11.7	-1.8	11.7	271815	-0.9	
25	862.7	1434.8	-96.4	5.2	-11.8	-2.1	11.5	271780	-1.1	
25	862.4	1434.8	-95.2	5.3	-11.9	-1.7	11.4	271780	-1.3	
25	862.1	1434.7	-96.1	4.5	-11.7	-1.8	11.1	271815	-1.3	
25	861.8	1434.8	-95.3	4.1	-11.5	-1.4	11	271957	-1.5	
25	861.5	1435	-95.6	3.6	-11.4	-1.4	11.1	272133	-1.7	
25	861.2	1435	-95.9	1.7	-11.2	-2.6	11.1	272346	-2	
25	860.9	1435.2	-96.6	0.9	-10.8	-3.1	11.1	272558	-1.8	
25	860.6	1435.1	-96.1	0.2	-11	-2.8	11.1	272807	-1.8	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
25	860.3	1435.3	-96.1	0.1	-10.7	-2.4	11.1	273163	-1.9	
25	860	1435.4	-94.7	1.2	-10.6	-2.7	11.1	273734	-2.1	
25	859.7	1435.4	-95.9	0.1	-10.6	-3.2	11.1	274524	-2	
25	859.4	1435.4	-94.7	-0.5	-10.7	-2.4	11.1	275535	-2.1	
25	859.1	1435.3	-95.2	-1.1	-10.9	-3.8	10.8	276774	-2.1	
25	858.8	1435	-94.7	-1.8	-11	-3.1	10.4	278208	-2.1	
25	858.5	1434.8	-94.4	-1.8	-11.4	-2.3	10.3	279732	-2	
25	858.2	1434.9	-94.3	-2.7	-11.4	-2.3	10.5	281310	-1.9	
25	857.9	1435	-94.7	-2.4	-11.6	-2.7	10.6	282906	-1.9	
25	857.6	1435.1	-92.9	-1.5	-11.7	-2.2	10.7	284366	-2.1	
25	857.3	1435.1	-93.3	-1.7	-12.1	-2.2	11	285608	-2.2	
25	857	1435.3	-93.4	-1.9	-12.2	-3.4	11.2	286663	-2.4	
25	856.7	1435.8	-91.3	1.1	-12.1	-1.4	11.6	287569	-2.7	
25	856.4	1436.3	-91.5	-0.1	-11.8	-2.4	12	288361	-3	
25	856.1	1436.6	-91.5	0.8	-11.8	-2.8	12.3	289118	-3.1	
25	855.8	1436.6	-91.7	-1	-11.9	-4	12.3	289798	-3	
25	855.5	1436.7	-91.7	0	-11.8	-3.6	12.3	290522	-2.8	
25	855.2	1436.8	-90.8	1.2	-11.8	-4.2	12.3	291289	-2.9	
25	854.9	1437	-90.6	2.2	-11.4	-4	12.3	292143	-2.8	
25	854.6	1437.1	-90	1.9	-11.4	-3	12.4	292960	-2.7	
25	854.3	1437.2	-90	3.1	-11.5	-4.5	12.6	293906	-2.6	
25	854	1437.1	-89.5	3.9	-11.8	-4.1	12.5	294983	-2.6	
25	853.7	1437.3	-89.1	4.6	-11.7	-3.9	12.4	296109	-2.5	
25	853.4	1437.4	-87.1	6.3	-11.7	-2.2	12.4	297328	-2.6	
25	853.1	1437.4	-87.1	7.5	-11.8	-2.6	12.3	298558	-2.7	
25	852.8	1437.4	-86.2	7.7	-11.7	-2.3	12.1	299883	-2.8	
25	852.5	1437.2	-85.5	9.2	-11.7	-2.2	11.9	301308	-2.9	
25	852.2	1436.8	-86	8.9	-11.6	-3.6	11.4	302877	-3	
25	851.9	1436.4	-84.9	10.4	-11.3	-2.3	10.8	304374	-3.1	
25	851.6	1436.4	-84.5	11.6	-10.8	-2.2	10.5	305930	-3.1	
25	851.3	1436.6	-84	12.5	-10.5	-2.1	10.2	307593	-3.2	
25	851	1436.9	-83.3	12.6	-10	-2.6	10	309183	-3.1	
25	850.7	1437.2	-82.7	13.5	-9.4	-2.2	9.8	310743	-3.1	
25	850.4	1437.2	-82.5	13.4	-9.1	-3.1	9.5	312319	-3.3	
25	850.1	1437.1	-81.8	14.6	-8.6	-2.8	9.1	313769	-3.5	
25	849.8	1436.8	-80.9	14.3	-8.5	-2	8.9	315139	-3.4	
25	849.5	1436.6	-81.4	14.7	-8.5	-2.9	8.9	316520	-3.2	
25	849.2	1436.4	-81.4	13.9	-8.5	-3.4	8.9	317866	-2.9	
25	848.9	1436.4	-81	14.6	-8.5	-2.7	8.9	319028	-2.7	
25	848.6	1436.4	-80.6	15.3	-8.6	-2.8	8.9	320101	-2.4	
25	848.3	1436.2	-80	16.6	-8.9	-2.5	8.8	321181	-2.2	
25	848	1436.2	-79.3	16.8	-9	-1.8	8.8	322517	-1.9	
25	847.7	1436.1	-79.5	16.6	-9.2	-2.3	8.9	324065	-1.6	
25	847.4	1436	-78.6	16.1	-9.4	-2.1	9	325779	-1.5	
25	847.1	1435.9	-78.5	17.4	-9.5	-1.9	9	327819	-1.3	
25	846.8	1435.6	-77.3	17.4	-9.9	-1	9	330145	-1.1	
25	846.5	1435.4	-78	17.2	-9.9	-2.5	8.9	332980	-1.1	
25	846.2	1435.3	-77	17.7	-10	-1.4	8.8	336296	-1	
25	845.9	1435.4	-76.7	17.7	-10	-1.9	8.9	340009	-1	
25	845.6	1435.5	-76.3	18	-10	-1.7	8.9	343975	-0.9	
25	845.3	1435.7	-75.7	19	-9.9	-1.3	8.9	348035	-0.8	
25	845	1435.9	-75.1	17.8	-9.8	-1.7	9	352369	-0.7	
25	844.7	1436.3	-74.4	18.9	-9.5	-1.5	9.2	356873	-0.8	
25	844.4	1436.5	-73.4	20	-8.9	-2.1	9.1	361432	-1.4	
25	844.1	1436.4	-72.2	19.1	-8.6	-0.6	9	366044	-1.9	
25	843.8	1436.7	-72.6	18.9	-8.2	-2.9	9	370514	-2.4	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
25	843.5	1436.8	-71.7	19.8	-8	-2.5	8.8	374691	-2.6	
25	843.2	1437	-71.7	20	-7.8	-2.8	8.8	378621	-2.6	
25	842.9	1437.4	-70.9	20.8	-7.3	-2.7	8.6	382424	-2.9	
25	842.6	1437.4	-69.5	21.3	-7.2	-2.8	8.2	385949	-3.3	
25	842.3	1437.2	-69	21.6	-7	-3.2	7.8	389249	-3.5	
25	842	1436.9	-68	22	-7.2	-2.6	7.7	392239	-3.4	
25	841.7	1436.7	-69.1	20.9	-7	-4.8	7.5	394828	-3.1	
25	841.4	1436.6	-67.1	22.4	-7	-2.3	7.4	397225	-3	
25	841.1	1436.7	-66.8	22.3	-6.9	-2.2	7.6	399651	-2.8	
25	840.8	1436.6	-66.7	20.4	-7.1	-2.5	7.7	402184	-2.6	
25	840.5	1436.5	-66.4	20.7	-7.3	-2.2	7.7	404593	-2.3	
25	840.2	1436.8	-65	21.2	-7.2	-2	8	406952	-2.2	
25	839.9	1436.6	-64.2	21.3	-7.4	-1.4	8.2	409259	-2.2	
25	839.6	1436.4	-64.3	21.7	-7.5	-2.3	8.2	411511	-2.1	
25	839.3	1436.1	-62.5	22.4	-7.7	-0.4	8.3	413952	-2.1	
25	839	1435.7	-63	21.5	-8	-1.4	8.4	416588	-1.8	
25	838.7	1435.2	-63.1	20.9	-8.3	-2.2	8.2	419425	-1.6	
25	838.4	1434.9	-61.9	21.4	-8.4	-0.7	8.1	422386	-1.5	
25	838.1	1434.8	-62.1	20.6	-8.3	-1.6	7.8	425476	-1.7	
25	837.8	1434.6	-60.8	21.7	-8.5	-1.5	7.5	428524	-1.6	
25	837.5	1434.4	-61.1	20.7	-8.3	-1.7	7.3	431616	-1.4	
25	837.2	1434.4	-60.1	20.8	-7.9	-1.5	7	434933	-1.6	
25	836.9	1434.2	-59.3	22.1	-7.6	-1.7	6.7	438393	-1.7	
25	836.6	1434.1	-59.7	21.7	-7	-1.9	6.2	441909	-1.9	
25	836.3	1433.9	-58.1	22.9	-6.6	-0.7	5.8	445577	-2	
25	836	1433.8	-58.8	21.8	-6.4	-2.3	5.5	449402	-1.8	
25	835.7	1434	-58	22	-6	-2.1	5.2	453294	-1.8	
25	835.4	1434.3	-56.9	22.4	-5.6	-1.3	5.2	457454	-1.9	
25	835.1	1434.3	-57.3	22.2	-5.3	-2.4	4.9	461792	-2.2	
25	834.8	1434.2	-56.2	22.4	-5.4	-1.7	4.8	466421	-2.3	
25	834.5	1434.2	-56	22.5	-5.5	-1.8	5	471462	-1.9	
25	834.2	1434.1	-56.5	20.8	-5.8	-2.3	5.3	476614	-1.7	
25	833.9	1434.2	-55.8	22.2	-5.9	-1.9	5.6	481657	-1.6	
25	833.6	1434.4	-54.7	22.3	-6.1	-0.8	6.1	486809	-1.9	
25	833.3	1434.7	-53.2	23.5	-6.5	-1	6.6	492071	-2.4	
25	833	1434.8	-54.1	22.2	-6.8	-2.5	6.8	497567	-2.5	
25	832.7	1435	-53.2	22.5	-6.9	-1.1	7.1	502946	-2.6	
25	832.4	1435.2	-53.5	21.6	-6.9	-2.4	7.3	508072	-2.5	
25	832.1	1435.3	-52.9	21.5	-6.9	-2.2	7.3	512674	-2.6	
25	831.8	1435.1	-52.1	21.3	-6.9	-1.4	7.3	516978	-2.4	
25	831.5	1435	-52.9	19.3	-6.9	-1.8	7.3	521225	-2	
25	831.2	1435.1	-52.9	19.7	-6.6	-2.9	7	525279	-1.9	
25	830.9	1435.2	-51.2	20.5	-6.1	-2.6	6.7	529530	-2.2	
25	830.6	1435.2	-51.4	20.3	-6	-1.4	6.7	533987	-1.7	
25	830.3	1435.3	-52	18.9	-5.8	-2.6	6.5	538796	-1.4	
25	830	1435.4	-51.1	18.4	-5.5	-1.5	6.2	544258	-1.2	
25	829.7	1435.5	-50.5	18.5	-5.5	-1.1	6.1	550555	-1.2	
25	829.4	1435.3	-49.6	18.4	-5.4	-1.1	5.9	557593	-0.9	
25	829.1	1435.1	-50.5	18.6	-5.2	-1.7	5.7	565423	-0.5	
25	828.8	1434.9	-49.1	18	-5.1	-0.3	5.5	574105	-0.8	
25	828.5	1434.6	-48.5	18.3	-5.2	-0.8	5.4	583058	-1	
25	828.2	1434.3	-49.2	17.5	-5.4	-1.8	5.2	592127	-1	
25	827.9	1434.2	-48.3	18.1	-5.5	-0.8	5.3	600964	-1	
25	827.6	1434.2	-48	17	-5.6	-0.9	5.4	609537	-0.9	
25	827.3	1434.4	-48.4	15.8	-5.3	-1.9	5.3	617628	-1.2	
25	827	1434.4	-46.7	17.6	-5	-1.2	5.2	625002	-1.4	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
25	826.7	1434.3	-45.7	16.8	-5	-0.1	5.2	631792	-1.6	
25	826.4	1433.9	-46.3	16.7	-5.1	-1.6	5	637369	-1.3	
25	826.1	1433.6	-46.1	17	-5.1	-1.6	4.8	641667	-1.3	
25	825.8	1433.7	-45.5	16.4	-4.9	-0.4	4.9	645425	-1.3	
25	825.5	1433.5	-45	17.1	-5	-1.1	4.7	648624	-1.5	
25	825.2	1433.3	-45	15.8	-5.1	-1.9	4.6	651652	-1.4	
25	824.9	1433.2	-44.9	16.2	-5.2	-1.1	4.5	654299	-1.4	
25	824.6	1433.2	-44.3	15.8	-5.2	-1.6	4.4	656968	-1.2	
25	824.3	1433.2	-44	15.3	-5.2	-2.2	4.3	659867	-1.2	
25	824	1433.2	-42.9	16.8	-5.2	-0.4	4.4	663632	-0.9	
25	823.7	1433.2	-43.1	15	-5.2	-1.2	4.4	668718	-0.6	
25	823.4	1433.1	-43.5	15.3	-5.3	-2	4.2	675623	-0.3	
25	823.1	1433.3	-42.5	15.5	-5	-1.4	4.1	684458	-0.3	
25	822.8	1433.4	-41.1	15.8	-4.7	-0.6	4.1	694908	-0.2	
25	822.5	1433.4	-41.9	15.4	-4.5	-1.4	4	706873	0.1	
25	822.2	1433.6	-41	15.2	-4.4	-0.8	4.1	720246	0.3	
25	821.9	1434	-40.3	15.7	-3.9	-0.9	4.3	735167	0.3	
25	821.6	1434.2	-40.6	15.9	-3.5	-2.2	4.2	750988	0.2	
25	821.3	1434.5	-38.8	17	-3.1	-0.9	4.3	766663	-0.1	
25	821	1434.7	-38	16.7	-2.8	-0.8	4.4	781835	-0.3	
25	820.7	1434.9	-37.8	15.4	-2.7	-2	4.4	796105	-0.5	
25	820.4	1434.7	-36.5	17.6	-2.8	-1.7	4.2	809963	-0.5	
25	820.1	1434.7	-35.9	17.3	-2.8	-0.9	4.1	823017	-0.6	
25	819.8	1434.5	-35.5	18	-3	-2.3	3.8	834830	-0.7	
25	819.5	1434.1	-34.1	18.8	-3.3	-1.3	3.4	845961	-0.7	
25	819.2	1433.8	-33.5	18.6	-3.4	-0.5	3.1	855991	-0.6	
25	818.9	1433.4	-33	19.9	-3.8	-1.3	2.8	865903	-0.6	
25	818.6	1433.2	-31.6	21.3	-3.9	-1.2	2.6	876782	-1	
25	818.3	1433.2	-30.1	21.1	-3.9	-0.2	2.6	888690	-1.2	
25	818	1433.2	-29.5	21.9	-3.8	-0.5	2.6	901315	-1.3	
25	817.7	1433.4	-29.2	22.8	-3.5	-0.8	2.6	915903	-1.5	
25	817.4	1433.8	-26.7	24.4	-3.1	0.5	2.8	933045	-2.2	
25	817.1	1434	-26.8	23.7	-2.8	-1	3	952139	-2.7	
25	816.8	1434.1	-26.6	23	-2.7	-1.7	3.1	973386	-3.1	
25	816.5	1434.2	-25.7	24.8	-2.6	-1.1	3.3	997025	-3.5	
25	816.2	1434.2	-24.8	24.3	-2.8	-2.1	3.6	1021343	-3.9	
25	815.9	1434.1	-24.5	24	-2.8	-3.2	3.6	1046876	-4.2	
25	815.6	1434	-24.1	25.1	-2.8	-2.8	3.6	1074822	-4.1	
25	815.3	1433.9	-23.9	24.4	-3.2	-2.8	3.7	1103136	-3.9	
25	815	1433.7	-23.3	24.7	-3.6	-4.1	3.6	1132370	-3.8	
25	814.7	1433.6	-22.8	25.6	-4	-3.2	3.5	1163196	-3.3	
25	814.4	1433.6	-22.5	24.2	-4.4	-2.6	3.6	1194382	-2.6	
25	814.1	1433.7	-23.3	22.4	-4.5	-3.4	3.5	1226568	-1.8	
25	813.8	1433.6	-21.7	24.6	-4.7	-2.2	3.2	1262057	-1.3	
25	813.5	1433.3	-20.9	25.2	-4.9	-1.6	2.9	1298854	-1	
25	813.2	1433.2	-21.2	24.3	-4.8	-1.3	2.6	1335301	-0.5	
25	812.9	1433.3	-20.9	24.1	-4.5	-1.3	2.2	1373853	-0.3	
25	812.6	1433.7	-19.2	25.8	-3.8	-0.1	2	1414697	-0.4	
25	812.3	1434.2	-18.9	26	-3	-0.4	1.8	1457030	-0.4	
25	812	1434.7	-18.4	25.9	-1.9	-1.2	1.4	1501974	-0.4	
25	811.7	1435.2	-17.6	26.4	-1.1	-0.1	1.3	1553228	-0.2	
25	811.4	1435.9	-16.8	26.1	-0.3	-0.2	1.6	1605637	0	
25	811.1	1436.4	-16.1	27	0.7	-0.2	1.7	1663027	-0.1	
25	810.8	1436.7	-16.6	26.9	1.1	-1.2	1.9	1726093	-0.1	
25	810.5	1437.2	-15.9	26.6	1.4	-0.6	2.2	1794131	0.2	
25	810.2	1437.2	-15.7	25.4	1.2	-1.1	2.4	1862768	0.7	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
25	809.9	1437.2	-15.1	26.8	1	-0.6	2.6	1931504	0.5	
25	809.6	1436.9	-12.8	28.2	0.3	0.7	2.8	1995949	-0.1	
25	809.3	1436.4	-12.1	28.2	-0.5	0.5	3	2054711	-0.6	
25	809	1435.7	-11.5	29.1	-1.4	-0.3	2.9	2108510	-0.9	
25	808.7	1434.8	-11.2	27.6	-2.2	-0.8	2.5	2154065	-1.3	
25	808.4	1434.2	-9.8	28.2	-2.7	0.2	2.2	2194707	-1.9	
25	808.1	1433.9	-9.4	28.4	-2.9	-0.8	1.9	2232144	-2.8	
25	807.8	1433.5	-8.7	27.8	-3.1	-0.9	1.6	2270879	-3	
25	807.5	1433.1	-9.1	26.8	-3.1	-1.9	1.2	2313537	-3	
25	807.2	1432.9	-8.8	26.7	-2.6	-2.4	0.8	2368496	-3.1	
25	806.9	1432.7	-8.8	25.3	-2.2	-3	0.4	2437428	-3	
25	806.6	1432.5	-7.3	26.2	-1.7	-1.7	0.1	2516527	-3	
25	806.3	1432.6	-7.4	25.6	-1	-1.8	0	2617188	-2.8	
25	806	1432.7	-7.2	24.4	-0.4	-2.5	-0.2	2744103	-2.7	
25	805.7	1432.7	-6.8	23.3	0	-2.5	-0.3	2887932	-2.7	
25	805.4	1432.7	-5.9	23.6	0.3	-1.8	-0.3	3052114	-2.6	
25	805.1	1432.7	-5.3	23.9	0.5	-1.6	-0.3	3251165	-2.5	
25	804.8	1432.6	-6.1	20.6	0.5	-2.3	-0.4	3477990	-2.2	
25	804.5	1432.6	-5.6	21.2	0.5	-1.6	-0.3	3732175	-2	
25	804.2	1432.6	-5.7	20.9	0.8	-2.4	-0.3	4026443	-1.9	
25	803.9	1432.5	-5.7	20	0.8	-2.3	-0.4	4334886	-1.7	
25	803.6	1432.4	-5	19.8	0.5	-1.5	-0.3	4642462	-1.6	
25	803.3	1432.2	-4.7	19.8	0.2	-1.5	-0.2	4961493	-1.4	
25	803	1432	-4.7	19.4	0.1	-1.8	-0.3	5260679	-1.4	
25	802.7	1432	-3.3	20.6	0	-1.2	-0.3	5495407	-1.7	
25	802.4	1432	-3.1	20.2	0	-0.8	-0.3	5658784	-1.7	
25	802.1	1432.1	-3.2	19.6	0.1	-1.1	-0.2	5736302	-1.8	
25	801.8	1431.8	-3.1	19.4	0.1	-1.1	-0.3	5674120	-1.7	
25	801.5	1431.7	-2.8	20.5	0.1	-0.5	-0.2	5598262	-2	
25	801.2	1431.7	-2.9	18.8	0.2	-1	-0.2	5553714	-2.2	
25	800.9	1431.7	-2.3	18.6	0.3	-0.7	-0.2	5509869	-2.3	
25	800.6	1431.7	-2.6	18.6	0.3	-1.1	-0.2	5495407	-2.2	
25	800.3	1431.8	-2.3	18.6	0.3	-1.7	-0.1	5568484	-2.3	
25	800	1431.9	-2	17.2	0.2	-1.3	0.1	5705041	-2.4	
25	799.7	1431.8	-2.2	16.7	-0.3	-1.4	0.3	5965100	-2.4	
25	799.4	1431.4	-1.7	16.7	-0.7	-1.4	0.4	6422546	-2.4	
25	799.1	1431.1	-3	14.6	-1.3	-2.6	0.5	7195017	-2.2	
25	798.8	1431.1	-3.1	13.7	-1.5	-2.6	0.7	8442541	-2.2	
25	798.5	1431.1	-3	13.1	-1.8	-2.4	0.8	10314040	-2.2	
25	798.2	1431.3	-2.7	13.9	-1.9	-2.7	1	13421474	-2.3	
25	797.9	1431.3	-2.4	13.5	-2	-2.3	1	19386574	-2.4	
25	797.6	1431.3	-3	12.7	-1.8	-2.9	0.9		-2.3	
25	797.3	1431.4	-3.1	12	-1.4	-2.9	0.7		-2.4	
25	797	1431.7	-2.2	10.6	-0.7	-3	0.5		-2.6	
25	796.7	1432	-2.3	9.8	0	-2.5	0.4		-2.6	
25	796.4	1432.1	-2.6	8.9	0.4	-2.6	0.1		-2.4	
25	796.1	1432.4	-3.3	7.9	0.8	-3.1	-0.1		-2.3	
25	795.8	1432.7	-1.9	7.9	1.3	-2.4	-0.2		-2.4	
25	795.5	1432.7	-2.8	6.6	1.4	-3.2	-0.3		-2.3	
25	795.2	1432.5	-2.8	5.9	1.2	-2.7	-0.5		-2	
25	794.9	1432.4	-2.9	6.2	1.1	-3	-0.6		-1.9	
25	794.6	1432.3	-1.9	6.9	0.9	-2.7	-0.6		-1.9	
25	794.3	1432.2	-1.7	7.1	0.6	-2.6	-0.5		-1.8	
25	794	1432.2	-1.6	5.7	0.5	-1.7	-0.2		-1.6	
25	793.7	1432.3	-1.9	5.5	0.3	-1.5	0	14539931	-1.5	
25	793.4	1431.9	-1.2	6	-0.2	-1.6	0	11196524	-1.6	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
25	793.1	1432	-1.3	5.5	-0.5	-1.2	0.2	9264381	-1.5	
25	792.8	1432.2	-1.3	4.6	-0.4	-1	0.5	7991412	-1.5	
25	792.5	1432.4	-0.5	4.8	-0.6	-0.6	0.9	7097458	-2	
25	792.2	1432.3	0	6.1	-1.1	-1	1.3	6462192	-2.3	
25	791.9	1432.2	0.5	6.1	-1.6	-0.9	1.8	6051301	-2.5	
25	791.6	1431.7	-0.4	5.3	-2	-1.1	1.8	5736302	-1.6	curva parque de los venados-Zapata
25	791.3	1431.6	-0.5	5.2	-2.3	-0.8	1.9	5539021	-1.5	
25	791	1431.6	-0.5	4.5	-2.3	-1.7	2	5410207	-1.5	
25	790.7	1431.8	-0.4	4.3	-2.3	-1.4	2	5368590	-1.8	
25	790.4	1431.8	-0.7	4	-2.2	-1.9	1.7	5382391	-1.8	
25	790.1	1431.9	-0.9	2.4	-2.1	-2.6	1.5	5481021	-1.8	
25	789.8	1431.9	-0.7	2.4	-1.6	-2.7	1	5689538	-1.8	
25	789.5	1431.9	-0.5	2.7	-1.1	-3	0.3	5982143	-2	
25	789.2	1431.7	-0.3	2.8	-0.3	-2.4	-0.5	6363982	-2.1	
25	788.9	1431.7	-0.5	2.3	0.6	-3	-1.4	6820033	-2.3	
25	788.6	1431.9	0.6	3.5	1.3	-2	-2	7346491	-2.4	
25	788.3	1432.2	-0.2	2.1	2	-3	-2.5	7900944	-2.6	
25	788	1432.4	0.1	2.7	2.8	-3	-2.9	8476721	-2.7	
25	787.7	1432.7	0.4	2.7	3.4	-3.1	-3.1	8909575	-2.9	
25	787.4	1432.8	0.4	2.4	3.4	-3	-3.1	9223568	-2.9	
25	787.1	1433.2	0.5	2.7	3.4	-3	-2.7	9305556	-3	
25	786.8	1433.3	0.4	2.1	3	-3.1	-2.3	9103261	-2.9	
25	786.5	1433.5	0.8	3.8	2.6	-2.6	-1.7	8723959	-2.8	
25	786.2	1433.6	0.9	4	1.8	-2.5	-0.9	8210785	-2.7	
25	785.9	1433.7	0.8	3.8	1.1	-3.1	-0.2	7669414	-2.6	
25	785.6	1433.3	1.6	4.3	-0.2	-1.8	0.7	7145905	-2.7	
25	785.3	1433	2	4.4	-1.6	-2.4	1.7	6689297	-2.8	
25	785	1433	1.7	4.7	-2.3	-3.1	2.4	6268713	-2.8	
25	784.7	1433.2	1.6	4.7	-2.9	-2.9	3	5897888	-2.7	
25	784.4	1433.5	1.5	3.7	-3.2	-3.1	3.6	5658784	-2.6	
25	784.1	1433.5	1.6	3.9	-3.7	-3.6	3.9	5553714	-2.7	
25	783.8	1433.4	0.9	3.5	-3.8	-4.6	3.9	5613271	-2.7	
25	783.5	1433.4	2.8	6.1	-4	-3	4	5848464	-3	
25	783.2	1433.1	1.2	3.1	-3.9	-5.2	3.7	6231399	-3	
25	782.9	1433.1	2.8	5.6	-3.3	-4	3.3	6864754	-3.4	
25	782.6	1433	3.7	6.5	-3.1	-3.8	3	7900944	-3.5	
25	782.3	1433	3.1	6	-2.8	-4.6	2.6	9783879	-3.4	
25	782	1432.9	3.7	5.6	-2.5	-4	2	13595779	-3.2	
25	781.7	1433.1	4.1	5.8	-2	-3.5	1.6		-2.9	
25	781.4	1433	4.8	6.4	-1.6	-2.6	1.1		-2.6	
25	781.1	1433.2	4.9	6.8	-1.2	-2.9	0.7		-1.9	
25	780.8	1433.2	5.2	6.4	-0.4	-1.4	0.1		-1.2	
25	780.5	1433.3	4.8	6.1	0	-2	-0.3	-1.4E+07	-0.2	
25	780.2	1433.3	6.4	7.7	0.5	-1	-0.8	-1.1E+07	0	
25	779.9	1433.2	7	7.5	1	-0.1	-1.3	-8834388	0.3	
25	779.6	1433.3	7.6	7.6	1.4	0.3	-1.5	-7930871	0.6	
25	779.3	1433.5	7.9	7.4	1.8	0.5	-1.7	-7531475	0.8	
25	779	1433.7	8.8	9.2	2.2	0.7	-1.7	-7531475	0.6	
25	778.7	1433.9	9	9.5	2.2	0.9	-1.5	-7841760	0.9	
25	778.4	1434	9.5	10	2.1	1.2	-1.2	-8408635	0.7	
25	778.1	1434	10.4	10.8	1.7	1.7	-0.8	-9347098	0	
25	777.8	1434.2	11.2	11.9	1.4	0.9	-0.2	-1.1E+07	-0.7	
25	777.5	1434	11.7	12.6	1	0.7	0.1	-1.3E+07	-1.2	
25	777.2	1433.9	12.1	12.8	0.5	0.4	0.5	-1.6E+07	-1.6	
25	776.9	1433.7	12.4	12.9	0.1	0.1	1		-1.9	
25	776.6	1433.5	12.7	13	-0.4	-0.4	1.4		-2.2	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
25	776.3	1433.2	13.2	13.7	-0.6	-0.4	1.6		-2.7	
25	776	1433	12.9	12.3	-0.7	-1	1.7		-2.7	
25	775.7	1433	12.7	12.9	-0.6	-1.8	1.8		-2.7	
25	775.4	1432.7	12.7	12.6	-0.7	-2.4	1.7	-1.7E+07	-2.7	
25	775.1	1432.6	12.6	12.2	-0.5	-2.9	1.6	-1.3E+07	-2.6	
25	774.8	1432.4	12.7	12.3	-0.3	-3.2	1.5	-9738372	-2.5	
25	774.5	1431.8	13	12.5	-0.1	-3.5	0.9	-7531475	-2.6	
25	774.2	1431.2	13	12.6	0.1	-3.7	0.2	-5999284	-2.5	
25	773.9	1430.6	12.9	12.1	0.3	-4.1	-0.6	-4938090	-2.4	
25	773.6	1430	12.9	12	0.5	-3.9	-1.5	-4204318	-2.2	
25	773.3	1429.6	13.2	12.4	0.3	-3.8	-2.2	-3666813	-2	
25	773	1429.2	13.6	12	0.4	-3.5	-2.9	-3276605	-2	
25	771.2	1429.1	16.4	15.5	1.4	-1	-4.4	-2355175	-1.1	
25	770.9	1429.9	17.4	14.6	1.8	-1	-3.9	-2293265	-1.3	
25	770.6	1430.8	17.5	16.3	2.3	-1.6	-3.4	-2241703	-1.5	
25	770.3	1431.5	17.9	15.1	2.5	-1.2	-2.9	-2190116	-1.6	
25	770	1432.2	18	14.3	2.6	-2.1	-2.3	-2147437	-1.4	
25	769.7	1433	19.2	16.1	2.8	-1.8	-1.7	-2106389	-1.7	
25	769.4	1433.6	18.8	15.1	3.1	-1.9	-1.1	-2062809	-1.2	
25	769.1	1434.2	19.8	15.7	3.1	-0.8	-0.5	-2022948	-1.4	
25	768.8	1434.3	19.8	15	2.8	-2	-0.3	-1990257	-1.4	
25	768.5	1434.5	21	16.1	2.7	-1.5	-0.2	-1954949	-1.6	
25	768.2	1434.5	21.6	16.4	2.2	-1.6	0	-1919112	-1.4	
25	767.9	1434.9	20.9	16.1	2.2	-2.1	0.1	-1881178	-1.5	
25	767.6	1435.2	22.8	16.4	2.1	-1	0.1	-1836624	-1.8	
25	767.3	1435.4	23.1	16.1	2	-1.9	0.1	-1792595	-2	
25	767	1435	23.4	15.8	1.5	-2.4	-0.1	-1746248	-1.8	
25	766.7	1434.8	22.5	14.6	1.4	-3.3	-0.5	-1693973	-1.8	
25	766.4	1434.4	24.4	15.6	1.2	-1.5	-0.8	-1634466	-1.9	
25	766.1	1434	24.5	15.5	1	-3	-1.3	-1575434	-2.1	
25	765.8	1433.7	26.1	16.6	1	-1.3	-1.7	-1517211	-1.8	
25	765.5	1433.7	25.2	14.8	0.9	-2.4	-1.9	-1459060	-1.4	
25	765.2	1433.7	26.1	14.9	1.1	-2.6	-2.3	-1407091	-1.6	
25	764.9	1433.6	26.9	15.2	1.4	-2.3	-2.9	-1359579	-1.8	
25	764.6	1433.6	29.3	17.2	2	-0.9	-3.3	-1315171	-1.8	
25	764.3	1433.6	28.3	15.9	2.3	-1.1	-3.5	-1279018	-1.4	
25	764	1433.7	28.3	15.6	2.8	-1.4	-3.6	-1250748	-1.2	
25	763.7	1434	29.8	16.6	3.2	-0.8	-3.5	-1230172	-1.4	
25	763.4	1434.3	29.6	16.7	3.6	-1.9	-3.3	-1218006	-1.6	
25	763.1	1434.5	31.5	18.8	3.7	0.2	-3.1	-1212364	-1.8	
25	762.8	1434.6	31.5	18.8	3.7	-0.1	-2.7	-1210261	-1.6	
25	762.5	1434.8	31.6	19	3.5	-0.6	-2.3	-1211662	-1.7	
25	762.2	1434.7	33.4	20.7	3.2	0.2	-2	-1216590	-1.9	
25	761.9	1434.8	33.4	20.4	2.8	-0.6	-1.5	-1223701	-1.9	
25	761.6	1434.6	32.6	19.6	2.5	-1.4	-1.4	-1229449	-1.5	
25	761.3	1434.5	33.8	20.9	2.3	-0.7	-1.5	-1233070	-1.6	
25	761	1434.3	33.8	20.9	2.1	-1	-1.7	-1233070	-1.8	
25	760.7	1434	33.9	20.7	2	-2.1	-2	-1226568	-1.9	
25	760.4	1433.5	33.9	20.3	1.8	-2	-2.5	-1215884	-1.9	
25	760.1	1433.6	34.2	20.1	1.8	-1.6	-2.7	-1201235	-2	
25	759.8	1433.5	33.4	18.7	2.1	-3.4	-3.2	-1182243	-2.2	
25	759.5	1433.5	36	20.5	2.2	-1.5	-3.6	-1161260	-2.5	
25	759.2	1433.3	36.8	21.1	2.1	-0.4	-3.7	-1138528	-2.5	
25	758.9	1433.4	36	20.1	2.1	-1.7	-3.4	-1113106	-2	
25	758.6	1433.4	36.3	19.9	2.2	-1.8	-3.4	-1087099	-1.9	
25	758.3	1433.6	36.8	19.4	2.2	-1.2	-3.2	-1061741	-1.7	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
25	758	1433.9	36.5	19	2.7	-1.8	-3	-1036511	-1.7	
25	757.7	1434.2	36.1	18.2	2.8	-2.8	-2.9	-1013433	-1.4	
25	757.4	1434.6	35.9	17.9	3.1	-1.7	-2.7	-992771	-0.9	
25	757.1	1435	36.5	17.3	3.5	-2.6	-2.6	-972482	-0.9	
25	756.8	1435.2	36.7	17.9	3.8	-3.2	-2.7	-953440	-0.9	
25	756.5	1434.9	37.6	17.8	3.8	-2.3	-3.1	-937642	-0.8	
25	756.2	1435	38.5	18.7	4	-1.4	-3.2	-924395	-0.4	
25	755.9	1435.1	38.7	17.7	4.2	-2	-3.4	-913904	-0.5	
25	755.6	1434.9	39.3	17.7	4.2	-2.2	-3.7	-905211	-0.7	
25	755.3	1435	40.7	19.8	4.1	-1.2	-3.6	-896299	-1	
25	755	1434.9	40	17.2	3.9	-2.1	-3.6	-887184	-1.1	
25	754.7	1434.8	40.4	17.3	3.7	-2.5	-3.7	-879729	-1.5	
25	754.4	1434.9	41.2	17.8	3.6	-2.1	-3.6	-873125	-1.8	
25	754.1	1435	42.2	19.7	3.8	-2.2	-3.5	-865545	-2	
25	753.8	1434.9	42.7	18.3	3.7	-3	-3.4	-858096	-2	
25	753.5	1434.9	43.6	19.1	3.4	-2.2	-3.2	-850083	-2.2	
25	753.2	1435	45.1	19	3.5	-2.1	-3	-840865	-2.4	
25	752.9	1434.8	45.7	20.5	3.5	-2.6	-3.2	-831845	-2.4	
25	752.6	1434.6	46	19.9	3.5	-2	-3.3	-822693	-2	
25	752.3	1434.5	46.4	19.5	3.7	-1.6	-3.5	-813109	-1.9	
25	752	1434.5	46.4	17.1	3.7	-2.3	-3.7	-803128	-1.8	
25	751.7	1434.5	47.3	19	3.6	-1.6	-4	-792189	-1.9	
25	751.4	1434.3	49	20.7	3.6	-0.6	-4.2	-780669	-1.9	
25	751.1	1434.3	48.4	18.6	3.7	-1.5	-4.4	-768633	-1.9	
25	750.8	1434	50.2	20.6	3.7	-0.6	-4.8	-756141	-2	
25	750.5	1433.9	51.2	19.7	3.7	-0.2	-4.9	-744050	-2.3	
25	750.2	1433.9	52	20.5	3.8	-1	-5	-732339	-2.4	
25	749.9	1433.8	51.7	20.1	3.9	-1.1	-5.1	-720742	-2.4	
25	749.6	1434.2	52.5	19.1	4.1	-0.2	-4.9	-710229	-2.4	
25	749.3	1434.7	51.7	18.3	4.7	-1.9	-4.7	-700956	-2.6	
25	749	1434.9	52.8	20.2	5	-1.9	-4.7	-693067	-2.5	
25	748.7	1435	52.4	18.6	5.1	-1.2	-4.8	-685803	-2.3	
25	748.4	1435.2	52.6	18.8	5.4	-2.3	-4.8	-680233	-2	
25	748.1	1435.4	52.6	18.7	5.6	-2.5	-4.8	-675623	-2	
25	747.8	1435.6	55.2	21.3	5.6	-0.8	-4.5	-671722	-2.1	
25	747.5	1435.6	54.4	20.2	5.5	-1.7	-4.2	-668718	-1.9	
25	747.2	1435.4	54.2	20.8	5.3	-2.8	-4.3	-666377	-1.9	
25	746.9	1435	54.8	18.8	4.7	-1.9	-4.4	-663842	-1.7	
25	746.6	1435	55.4	18.6	4.6	-2.1	-4.2	-661326	-1.8	
25	746.3	1435.1	54.2	18.2	4.5	-2.9	-4	-659036	-1.3	
25	746	1435.3	55.5	19.2	4.4	-1.9	-3.9	-656145	-1.4	
25	745.7	1435.3	55	18.2	4.3	-2.6	-3.9	-652261	-1.6	
25	745.4	1435.1	55.8	19.3	4	-4.2	-4.2	-648423	-1.7	
25	745.1	1434.8	56.8	20.7	4	-3.2	-4.7	-643244	-1.8	
25	744.8	1434.6	57.8	21.9	3.9	-2	-4.9	-636401	-1.6	
25	744.5	1434.7	58.3	21.8	4.3	-2.1	-5.1	-629702	-1.7	
25	744.2	1434.3	58.6	21.9	4.4	-3.2	-5.6	-622587	-1.6	
25	743.9	1434.3	59.2	21.6	4.5	-1.4	-5.7	-614727	-1.4	
25	743.6	1434.3	59.4	20.9	4.6	-2.4	-5.8	-606359	-1.2	
25	743.3	1434.4	59.5	20.8	5	-2.1	-6	-598046	-1.1	
25	743	1434.9	61.3	22	5.3	-1.3	-5.8	-589791	-1.1	
25	742.7	1435.4	62.1	21.4	5.7	-0.7	-5.5	-581923	-1	
25	742.4	1435.7	62.1	22.1	6	-1.7	-5.3	-574577	-0.6	
25	742.1	1436	62.5	22.1	6.2	-2.5	-5.2	-567722	-0.6	
25	741.8	1436.1	65	23.8	6.4	-0.8	-5.1	-560879	-0.8	
25	741.5	1436	64.3	22.1	6.5	-2	-5.3	-555080	-1.1	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
25	741.2	1435.7	65.8	23.1	6.5	-1.8	-5.7	-550121	-1.3	
25	740.9	1435.5	65.9	22.3	6.7	-1.5	-6.2	-545534	-1.5	
25	740.6	1435.7	67.3	22.2	7	-2.2	-6.5	-541583	-2.1	
25	740.3	1435.6	66.7	21	7.2	-3.1	-7	-537827	-2.4	
25	740	1435.5	68.7	22.7	7.3	-2.1	-7.3	-534532	-2.8	
25	739.7	1435.4	70.6	24.2	7.5	-1.1	-7.5	-531412	-3.3	
25	739.4	1435.2	71.5	25.1	7.3	-0.5	-7.5	-528327	-3	
25	739.1	1435.3	71.1	23.8	7.1	-1.5	-7.1	-525016	-2.9	
25	738.8	1435.4	73.3	24.3	6.9	-0.1	-6.6	-521485	-3	
25	738.5	1435.5	72.4	24	6.3	-1.3	-5.9	-518002	-2.8	
25	738.2	1435.5	73.5	23.3	5.4	-0.1	-5.3	-514438	-2.4	
25	737.9	1435.3	72.7	21.5	4.6	-1.6	-4.8	-510674	-2.1	
25	737.6	1435.2	73.9	21.9	4.1	-0.9	-4.3	-506719	-2.3	
25	737.3	1434.9	74.3	22.6	3.5	-1.9	-3.8	-502342	-2.5	
25	737	1434.7	72.9	20.4	3.1	-3.9	-3.8	-497804	-2.4	
25	736.7	1434.6	75	23.3	2.9	-1.8	-3.9	-493230	-2.6	
25	736.4	1434.6	75.1	22.3	3.1	-3.1	-4.2	-488398	-2.8	
25	736.1	1434.8	75.9	23.5	3.6	-2.3	-4.6	-483213	-2.9	
25	735.8	1435	75	22.4	4.5	-4.6	-5.3	-477919	-2.6	
25	735.5	1435.3	77.8	25.2	5.3	-0.9	-5.6	-472847	-2.6	
25	735.2	1435.3	76.3	21.1	6	-2.6	-6.2	-468090	-2.4	
25	734.9	1435.1	76.7	22.3	6.9	-2.9	-7.1	-463941	-2.2	
25	734.6	1435.5	77.4	23.2	7.7	-1.6	-7.2	-460269	-2	
25	734.3	1435.9	77.4	22.6	8.5	-2.8	-7.4	-456955	-1.6	
25	734	1436	77.4	22	9.1	-3.1	-7.8	-454278	-1.5	
25	733.7	1436	78.2	24	9.1	-2.3	-8.1	-451924	-1.8	
25	733.4	1436.1	80.4	24.9	9.1	-0.2	-8	-449692	-1.7	
25	733.1	1436	79.5	24.5	8.8	-1.9	-7.9	-447577	-1.5	
25	732.8	1435.8	79.1	23.3	8.7	-3	-8	-445387	-1.4	
25	732.5	1435.6	80.6	23.8	8.4	-1.6	-7.9	-442938	-1.5	
25	732.2	1435.4	81.1	23.3	7.9	-2.4	-7.9	-440237	-1.9	
25	731.9	1435	82.1	23.8	7.5	-1.5	-8.2	-437386	-2.1	
25	731.6	1434.8	82.9	24.3	6.9	-0.4	-7.9	-434392	-1.7	
25	731.3	1435.1	81.4	22.2	6.9	-2.7	-7.6	-431616	-1.7	
25	731	1434.9	82.8	23.4	6.8	-2.7	-7.6	-429227	-1.4	
25	730.7	1435	82.1	22.6	7	-2.8	-7.6	-427300	-1.5	
25	730.4	1435	85.1	23.8	7.1	-0.3	-7.6	-425649	-1.8	
25	730.1	1435.2	84.7	22.6	7.2	-1.8	-7.4	-424441	-1.8	
25	729.8	1435.2	85.8	23.7	7.2	-1.6	-7.4	-423497	-1.9	
25	729.5	1435.4	85.6	23.1	7.5	-1.9	-7.2	-422727	-1.7	
25	729.2	1435.5	85.9	20.9	7.6	-2.9	-7.2	-421791	-1.8	
25	728.9	1435.5	86.6	22.3	7.6	-1.9	-7.4	-420435	-2	
25	728.6	1435.4	87.7	21.9	7.7	-1.7	-7.5	-418419	-2	
25	728.3	1435.3	87.3	21.4	7.7	-1.7	-7.6	-415430	-1.9	
25	728	1435.1	88	20.7	7.6	-2.8	-7.8	-411754	-2	
25	727.7	1435.2	88.8	22.1	7.5	-2.4	-7.7	-407507	-2.1	
25	727.4	1435.3	89.9	21.2	7.6	-2.4	-7.8	-402571	-2.2	
25	727.1	1435.2	89.5	18.9	7.6	-3.3	-8.1	-397074	-2.2	
25	726.8	1435.4	91	19.5	7.9	-2	-8.3	-391505	-2.2	
25	726.5	1435.5	91.5	20.4	8.1	-2.2	-8.4	-385949	-2.2	
25	726.2	1435.5	92	18.7	8.2	-2.9	-8.6	-380894	-2.2	
25	725.9	1435.4	92.1	19.7	8.4	-2.2	-8.7	-376375	-2	
25	725.6	1435.6	92.4	18.9	8.7	-2.5	-8.6	-372558	-2	
25	725.3	1435.7	93.6	20.9	8.8	-2.1	-8.7	-369207	-2.2	
25	725	1435.8	94.5	20.6	8.8	-2	-8.7	-366557	-2.3	
25	724.7	1436	95.6	21.3	8.8	-1.4	-8.5	-364896	-2.4	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
25	724.4	1436.1	95.7	22.8	8.7	-2.6	-8.4	-363503	-2.3	
25	724.1	1436.1	96.4	21.4	8.6	-2.4	-8.3	-362433	-2.4	
25	723.8	1436.3	97.6	22.5	8.6	-2.3	-8.1	-361682	-2.8	
25	723.5	1436.1	97.2	21.3	8.5	-3.3	-8.1	-361058	-2.7	
25	723.2	1435.9	97.7	22.7	8.3	-2.8	-8.2	-360312	-2.6	
25	722.9	1436	98.1	20.3	8.2	-2.8	-8.1	-359385	-2.5	
25	722.6	1436.1	98.5	22.2	8.2	-3.5	-8.1	-358155	-2.6	
25	722.3	1436.2	99.7	23	8.2	-3.3	-8.2	-356509	-2.7	
25	722	1436.1	100.9	23.5	8	-2.4	-8.3	-354637	-2.5	
25	721.7	1436.1	101.4	24	8.2	-2.8	-8.4	-352725	-2.5	
25	721.4	1436	102.2	24.8	7.9	-2.7	-8.4	-350599	-2.5	
25	721.1	1435.9	103.5	25.3	8	-1.2	-8.4	-348382	-2.3	
25	720.8	1436	103.4	23	8.2	-1.9	-8.4	-346251	-2.2	
25	720.5	1436	103.2	23.7	8.2	-2.4	-8.4	-344258	-1.9	
25	720.2	1436.1	104.4	25.3	8.2	-1.5	-8.4	-342512	-1.8	
25	719.9	1436.4	105.1	24.5	8.5	-1.7	-8.4	-340840	-1.8	
25	719.6	1436.6	105.9	24.8	8.6	-1.8	-8.4	-339403	-1.7	
25	719.3	1436.5	107	24.9	8.9	-1.6	-8.6	-338033	-1.7	
25	719	1436.6	107.3	24.4	9.2	-1.7	-8.7	-336675	-1.7	
25	718.7	1436.6	107.6	26.2	9.4	-2.2	-9	-335380	-1.5	
25	718.4	1436.5	108.5	25.7	9.7	-1.8	-9.5	-334203	-1.6	
25	718.1	1436.4	109.2	27.1	9.9	-1.1	-9.8	-333086	-1.6	
25	717.8	1436.4	109.6	24.5	10.1	-1.6	-10.1	-332135	-1.8	
25	717.5	1436.4	110.2	25.5	10.4	-1.4	-10.6	-331242	-1.9	
25	717.2	1436.6	111.2	25.4	10.8	-1.3	-11	-330458	-2.1	
25	716.9	1436.4	112.4	26.8	11.1	-1	-11.3	-329833	-2.2	
25	716.6	1436.3	112.4	26.5	11.3	-1.4	-11.6	-329314	-2.2	
25	716.3	1436.5	113.1	26.5	11.3	-0.9	-11.4	-328849	-2.5	
25	716	1436.6	114	26.3	11.2	-1.5	-11.2	-328333	-2.8	
25	715.7	1436.6	114.1	26.8	11.2	-2.2	-11	-327768	-2.9	
25	715.4	1436.7	114.5	26.5	11.1	-1.9	-10.7	-326949	-2.9	
25	715.1	1436.9	114.2	25.4	11.2	-2.4	-10.3	-325830	-2.7	
25	714.8	1437.1	114.9	25	10.8	-2.9	-9.7	-324517	-2.7	
25	714.5	1436.8	115.4	25.9	10.4	-3.1	-9.4	-322865	-2.6	
25	714.2	1436.7	115.8	24.8	10.3	-2.6	-9.1	-320935	-2.6	
25	713.9	1436.7	115.4	23.9	10	-3.8	-9	-318834	-2.6	
25	713.6	1436.7	116.8	24.8	9.9	-2.6	-9.1	-316664	-2.8	
25	713.3	1436.4	117.6	25.5	9.5	-2.4	-9.2	-314524	-2.8	
25	713	1436.2	117.4	25	9.3	-2.6	-9.4	-312505	-2.8	
25	712.7	1435.7	117.6	24	9.2	-2.2	-10	-310697	-2.8	
25	712.4	1435.3	119.1	24.6	9.1	-0.8	-10.6	-309046	-2.7	
25	712.1	1435.1	119.4	23.8	9.5	-0.7	-11	-307683	-2.5	
25	711.8	1434.8	119.2	23.5	9.7	-0.7	-11.4	-306692	-2.2	
25	711.5	1434.9	120.1	23.7	10.2	0.7	-11.5	-306019	-1.9	
25	711.2	1435.3	119.3	21.7	10.7	-0.5	-11.4	-305439	-1.7	
25	710.9	1435.6	120.2	23	11.1	-0.3	-11.3	-304905	-1.7	
25	710.6	1435.9	119.8	22.1	11.5	-0.4	-11.1	-304374	-1.6	
25	710.3	1436.1	119.7	21.6	11.5	-0.3	-10.7	-303667	-1.6	
25	710	1436.4	119.4	20.9	11.6	-1.5	-10.4	-302833	-1.7	
25	709.7	1436.4	119.7	20	11.2	-1.5	-10	-301872	-2	
25	709.4	1436.3	119.6	18.7	10.9	-2.1	-9.7	-300659	-2.4	
25	709.1	1435.8	119.7	18.3	10.2	-3	-9.7	-299326	-2.6	
25	708.8	1435.3	119.4	17.2	9.5	-2.6	-9.8	-298006	-2.8	
25	708.5	1435.1	120.1	16.6	9.2	-2.9	-9.7	-296781	-3.2	
25	708.2	1434.8	119.9	16.5	8.6	-3.5	-9.7	-295816	-3.5	
25	707.9	1434.9	119.3	16.1	8.7	-3.8	-9.6	-295232	-3.4	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
25	707.6	1435.1	119.3	14.9	8.6	-3.3	-9.4	-294900	-3.4	
25	707.3	1435.4	119.1	14	9	-4	-9.3	-294858	-3.5	
25	707	1435.5	119.4	13.5	9.2	-3.6	-9.3	-295107	-3.8	
25	706.7	1435.7	120	13	9.9	-2.9	-9.3	-295607	-3.7	
25	706.4	1435.8	119.2	11.9	10.2	-3.9	-9.3	-296277	-3.5	
25	706.1	1435.7	119.4	11.8	10.6	-4.1	-9.6	-297033	-3.5	
25	705.8	1435.8	119.9	11.4	11.1	-3.6	-9.8	-297709	-3.5	
25	705.5	1435.6	119.7	10.5	11.2	-3.3	-10.2	-298175	-3.3	
25	705.2	1435.3	119	9.4	11.3	-3.9	-10.9	-298430	-2.8	
25	704.9	1435.1	119.5	9.3	11.3	-2.1	-11.3	-298515	-2.4	
25	704.6	1434.9	118.9	7.7	11.3	-3.1	-11.8	-298260	-2.3	
25	704.3	1434.5	118.8	6.4	11.2	-3.6	-12.3	-297794	-2.2	
25	704	1434.4	119.8	7.4	11.1	-1.9	-12.6	-297118	-2.1	
25	703.7	1434.4	119.8	6.7	11.1	-2.2	-12.6	-296193	-2.1	
25	703.4	1434.2	120.1	6.1	10.8	-2.5	-12.6	-295149	-2	
25	703.1	1434.3	120.1	6	10.8	-2.1	-12.5	-294030	-1.8	
25	702.8	1434.7	120.8	6.3	11	-1.2	-12	-292878	-1.6	
25	702.5	1434.8	119.4	5.2	11	-2.6	-11.7	-291858	-1.2	
25	702.2	1435.2	119.9	5	11.2	-2.1	-11.2	-291087	-0.9	
25	701.9	1435.6	120.3	4.9	11.3	-1.6	-10.5	-290481	-1.1	
25	701.6	1435.9	120.1	4.3	11.4	-2.7	-9.9	-289958	-1.2	
25	701.3	1436.1	120.4	5	11.4	-2.1	-9.7	-289557	-1.4	
25	701	1436.3	121.2	4.4	11.6	-1.5	-9.6	-289277	-1.4	
25	700.7	1436.4	121.2	3.6	11.6	-2.6	-9.6	-289118	-1.4	
25	700.4	1436.1	121.8	4.4	11.3	-2.2	-10	-289118	-1.5	
25	700.1	1435.9	122.2	4.6	11.2	-0.4	-10.3	-289197	-1.5	
25	699.8	1435.6	123.4	4.3	10.9	-0.6	-10.6	-289277	-2.1	
25	699.5	1435	122.9	3.5	10.6	-1.7	-11.2	-289317	-2.2	
25	699.2	1434.5	123.4	4.2	10.4	-0.9	-11.7	-289357	-2.1	
25	698.9	1434.3	122.3	2.2	10.3	-1.1	-11.8	-289237	-2	
25	698.6	1434.3	122.5	3.2	10.2	-2.2	-11.9	-289157	-2.2	
25	698.3	1434.4	124.8	4.6	10.3	0.5	-11.8	-288958	-2.6	
25	698	1434.8	124.2	4.4	10.4	-0.3	-11.2	-288599	-2.4	
25	697.7	1435.2	122.8	3.1	10.7	-2.4	-10.9	-288004	-2.5	
25	697.4	1435.4	124	4.6	11	-2.1	-10.7	-287214	-2.7	
25	697.1	1435.7	124.4	4.7	11.4	-0.3	-10.4	-286232	-2.8	
25	696.8	1435.7	124.3	4.7	11.3	-1.5	-10.1	-285102	-2.6	
25	696.5	1435.6	122.3	2.6	11.2	-2.6	-10	-284135	-2.6	
25	696.2	1435.7	123.8	4.4	11	-0.9	-9.6	-283289	-2.7	
25	695.9	1435.5	122.3	2.2	10.7	-3.7	-9.6	-282563	-3	
25	695.6	1435.1	122.3	2.4	10.4	-4.1	-9.9	-281992	-3.1	
25	695.3	1434.9	123.2	3.9	10.2	-2.1	-10.1	-281651	-2.9	
25	695	1434.7	123.4	4.1	9.9	-2.1	-10.1	-281537	-2.3	
25	694.7	1434.5	120.8	1.7	9.8	-4.2	-10.3	-281613	-2.1	
25	694.4	1434.5	123.1	3.7	10	-2.2	-10.5	-281916	-2	
25	694.1	1434.5	122.3	2.3	10.4	-2.1	-10.7	-282372	-1.8	
25	693.8	1434.3	121.6	2.4	10.4	-3.2	-11.2	-282906	-1.2	
25	693.5	1434.3	121.2	1.8	10.8	-2.7	-11.6	-283481	-1.4	
25	693.2	1434.4	122.5	2.6	11.2	-1.7	-11.9	-284019	-1.8	
25	692.9	1434.4	122.1	2.4	11.3	-2.5	-12.2	-284521	-1.9	
25	692.6	1434.3	122.4	3.4	11.3	-2.5	-12.5	-284869	-1.9	
25	692.3	1434.3	121.5	2	11.4	-2.1	-12.5	-285102	-2	
25	692	1434.3	122.3	3.4	11.4	-2.6	-12.5	-285219	-2.3	
25	691.7	1434.1	122.8	4	11.4	-2.2	-12.7	-285141	-2.8	
25	691.4	1434.5	123.3	3.5	11.8	-0.4	-12.5	-284792	-3	
25	691.1	1434.8	122.7	2.9	11.5	-2.7	-12.1	-284328	-2.7	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
25	690.8	1435.2	122.4	2.3	11.4	-2.8	-11.7	-283865	-2.6	
25	690.5	1435.7	122.3	2.2	11.3	-2.6	-11.1	-283404	-2.3	
25	690.2	1436.2	122.6	1.8	11.4	-3.3	-10.5	-283098	-2.6	
25	689.9	1436.2	122.3	2.9	11.2	-3.5	-10.2	-282945	-2.5	
25	689.6	1436.2	122.2	2.3	11	-3.8	-9.9	-282945	-2.2	
25	689.3	1436.2	122.2	1.9	10.9	-3.9	-9.6	-283098	-2.2	
25	689	1436.2	119.8	-0.3	10.8	-6.3	-10	-283404	-2.1	
25	688.7	1436.5	124.2	3.8	10.8	-1.6	-10	-283711	-2.1	
25	688.4	1436.6	122.8	1.6	10.8	-3	-10.2	-284019	-1.7	
25	688.1	1436.6	123	1.8	11.1	-3	-10.6	-284251	-1.9	
25	687.8	1436.3	124.3	2.5	11	-1.5	-11.1	-284289	-2.2	
25	687.5	1436.2	125.2	3	11.3	-0.9	-11.4	-284174	-2.4	
25	687.2	1436	125.3	1.9	11.5	-1.2	-11.8	-283942	-2.6	
25	686.9	1435.8	125	2.1	11.7	-1.5	-12.2	-283596	-2.5	
25	686.6	1436.2	124.7	1.3	11.9	0.2	-11.8	-283174	-2.6	
25	686.3	1436.6	124.6	2.3	11.7	-1.6	-11.5	-282715	-2.8	
25	686	1436.7	125.7	3.2	11.9	-1.1	-11.5	-282182	-2.9	
25	685.7	1436.6	125.9	1.1	11.6	0.3	-11.3	-281689	-2.8	
25	685.4	1436.6	124.6	0.4	11.6	-2.1	-11.1	-281348	-2.5	
25	685.1	1436.4	125.1	2.3	11.7	-2	-11.2	-281084	-2.6	
25	684.8	1436.4	125.6	1.6	11.8	-0.8	-11.1	-280857	-2.6	
25	684.5	1436.3	125.7	1.3	11.7	-1.1	-11	-280669	-2.7	
25	684.2	1436	123.9	-0.4	11.2	-2.2	-11.1	-280519	-2.1	
25	683.9	1436.2	122.5	0.2	11.4	-3.1	-11.2	-280444	-2	
25	683.6	1436.1	125.1	1.3	11.4	-1.1	-11.1	-280481	-2.2	
25	683.3	1435.9	122.6	0.3	11.4	-3.2	-11.2	-280594	-2.6	
25	683	1435.8	124	1.7	11.3	-1.8	-11.2	-280782	-2.9	
25	682.7	1435.6	123.7	0.5	10.9	-2.3	-11.1	-281046	-2.9	
25	682.4	1435.4	122.3	-1.1	10.6	-4	-11.1	-281424	-3	
25	682.1	1435.5	123.1	2.3	10.3	-3.1	-10.9	-281916	-3.4	
25	681.8	1435.5	123.4	0.3	10.2	-2.3	-10.7	-282487	-3.5	
25	681.5	1435.4	122.6	0.3	9.9	-3.1	-10.8	-283136	-3.6	
25	681.2	1434.9	122.2	0.6	9.5	-5	-10.9	-283750	-3.2	
25	680.9	1434.8	120.5	-0.7	9.3	-4.8	-10.8	-284251	-2.9	
25	680.6	1434.8	121.2	-1.3	9.3	-4.5	-10.8	-284521	-2.8	
25	680.3	1435.1	121.1	-1	9.6	-4.8	-10.8	-284521	-2.6	
25	680	1435.4	120.9	-1.5	9.9	-3.5	-10.7	-284212	-1.9	
25	679.7	1435.9	119.9	-1.6	10.3	-4.4	-10.6	-283596	-1.4	
25	679.4	1436.1	120.4	-1.9	10.8	-4.7	-10.8	-282677	-1.4	
25	679.1	1436.4	121.6	-1.2	11.2	-2.5	-10.9	-281461	-1.6	
25	678.8	1436.6	122.9	-0.4	11.9	-1.4	-11	-280293	-1.7	
25	678.5	1436.7	122.2	-0.5	12.2	-1.6	-11.1	-279135	-1.8	
25	678.2	1436.8	121.8	-0.6	12.5	-2.3	-11.2	-278134	-1.8	
25	677.9	1437.1	122.8	0.5	12.7	-1.8	-11.1	-277397	-2.2	
25	677.6	1437	122.8	0.2	12.7	-1.8	-11.2	-276957	-2.4	
25	677.3	1436.9	122.7	0.4	12.5	-1.2	-11.3	-276810	-2.5	
25	677	1436.7	124.1	1.9	12.1	-0.2	-11.3	-277030	-2.5	
25	676.7	1436.8	122.5	0.3	11.8	-2.6	-11.2	-277691	-2.3	
25	676.4	1436.5	123.1	3.3	11.3	-3.2	-11.2	-278504	-2.3	
25	676.1	1436.4	123.5	-0.7	10.9	-2.3	-11	-279358	-2.4	
25	675.8	1436.1	123.3	0.5	10.5	-2.4	-10.9	-280181	-2.6	
25	675.5	1435.9	123.7	0.7	10.2	-2.9	-10.8	-280820	-2.7	
25	675.2	1435.6	123.5	-0.8	10	-2.8	-10.8	-281386	-2.4	
25	674.9	1435.6	122.9	-2.3	10	-3.1	-10.7	-281878	-2.4	
25	674.6	1435.7	123.1	-2.2	10	-3.5	-10.8	-282296	-2.5	
25	674.3	1435.9	124.1	-0.9	10.1	-2	-10.9	-282563	-2.6	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
25	674	1436.2	125	0.3	10.4	-1.6	-10.9	-282639	-2.6	
25	673.7	1436.3	124.6	0	10.5	-2.3	-11.1	-282525	-2.5	
25	673.4	1436.2	124.4	-1.3	10.9	-2.1	-11.3	-282258	-2.6	
25	673.1	1436	125.1	-0.8	11	-1.8	-11.4	-282030	-2.7	
25	672.8	1435.8	125.1	0.5	11.2	-1.7	-11.5	-281764	-2.8	
25	672.5	1435.7	124.5	-0.6	11.4	-1.4	-11.5	-281499	-2.7	
25	672.2	1436.2	124	-1.6	11.8	-1.6	-11.2	-281197	-2.9	
25	671.9	1436.6	124.4	-1.3	12	-2.4	-11	-280820	-3.1	
25	671.6	1437	125	1.1	12.4	-2.4	-11	-280406	-3.2	
25	671.3	1437.3	125.3	2.8	12.6	-1.7	-10.9	-280218	-3.2	
25	671	1437.2	124.5	-0.6	12.4	-2.3	-10.8	-280181	-3.1	
25	670.7	1436.8	124.6	2	12.3	-2.9	-11	-280256	-3	
25	670.4	1436.5	124.5	0.5	12.1	-2.4	-11.1	-280444	-2.7	
25	670.1	1436	123.6	-0.1	11.9	-2.3	-11.3	-280594	-2.3	
25	669.8	1435.6	122.2	-0.1	11.8	-3.5	-11.8	-280631	-2.2	
25	669.5	1435.3	123.3	0.2	11.8	-2.7	-12.3	-280631	-2.2	
25	669.2	1435	123.4	0	11.8	-3.2	-12.8	-280556	-2.2	
25	668.9	1434.9	123.1	0.5	11.9	-3.5	-13.1	-280444	-2	
25	668.6	1435	123.1	0.9	12.1	-2.9	-13.1	-280218	-2	
25	668.3	1435	123.8	3.3	12.4	-2.3	-12.9	-279881	-2.1	
25	668	1435.1	123.2	2	12.4	-3.3	-12.6	-279396	-2.2	
25	667.7	1435	122.7	1.6	12.3	-2.9	-12.3	-278875	-2	
25	667.4	1435	123	2.1	11.9	-1.8	-11.8	-278430	-2.2	
25	667.1	1435	123.2	3.3	11.2	-2.4	-11.2	-278060	-2.4	
25	666.8	1435	123.8	3.4	10.3	-1.2	-10.4	-277765	-2.5	
25	666.5	1435	123.8	2.2	9.4	-1.1	-9.6	-277507	-2.4	
25	666.2	1434.7	123.4	0.5	8.7	-2.2	-9.2	-277250	-2.6	
25	665.9	1434.3	123.5	1.3	8.3	-2.6	-9.3	-276993	-2.8	
25	665.6	1434	124.2	2.4	8.1	-1.8	-9.6	-276774	-2.9	
25	665.3	1434.1	123.6	0.8	8.3	-2.5	-9.6	-276518	-2.9	
25	665	1434.2	122.9	0.1	8.7	-3.1	-9.9	-276190	-2.9	
25	664.7	1434.8	123	0.3	9.5	-2.7	-10	-275826	-2.9	
25	664.4	1435.3	121.6	-2.5	10.2	-4.1	-10.3	-275427	-2.9	
25	664.1	1435.5	121.9	-0.6	10.9	-4	-10.9	-274993	-3	
25	663.8	1435.5	123	-0.1	11.5	-2.8	-11.5	-274560	-3	
25	663.5	1435.6	122.8	-0.7	11.9	-2.8	-11.8	-274200	-2.9	
25	663.2	1435.8	123	-0.3	12.1	-3.3	-11.8	-273913	-2.8	
25	662.9	1435.7	123.7	0	12	-2.5	-11.9	-273734	-2.7	
25	662.6	1435.8	123.3	-0.2	12	-1.8	-11.8	-273663	-2.3	
25	662.3	1435.5	122.4	-0.5	11.5	-3.2	-11.9	-273663	-2	
25	662	1435.7	121.9	-1.2	11.4	-3.2	-11.9	-273627	-1.9	
25	661.7	1435.9	121.9	-2.2	11.5	-2.6	-11.8	-273627	-1.7	
25	661.4	1436.4	122.3	-2.7	11.4	-2.9	-11.3	-273663	-1.8	
25	661.1	1436.6	121.8	-2.8	11.5	-3.6	-11	-273770	-1.8	
25	660.8	1437	122.9	-1.5	11.5	-2.7	-10.6	-273949	-1.8	
25	660.5	1437.1	123.4	-1.7	11.5	-2.6	-10.3	-274236	-1.7	
25	660.2	1437.1	122.8	-2.3	11.7	-3.3	-10.4	-274596	-1.7	
25	659.9	1437	124.1	-0.4	12.1	-1.9	-10.6	-275029	-1.8	
25	659.6	1437.1	124.8	0.8	12.2	-1.1	-10.6	-275608	-1.9	
25	659.3	1437	123.7	-0.7	12.5	-2.3	-11	-276408	-1.9	
25	659	1437.1	123.8	-1.2	12.6	-2.4	-11.2	-277434	-2	
25	658.7	1436.7	124.4	-0.9	12.6	-1.7	-11.6	-278578	-2.2	
25	658.4	1436.5	124.5	0	12.5	-2.1	-12	-279582	-2.4	
25	658.1	1436	124.9	0.3	12.3	-1.8	-12.5	-280444	-2.4	
25	657.8	1435.8	125.5	1	12.1	-0.8	-12.5	-281159	-2.5	
25	657.5	1435.5	126	2.4	12	-1.7	-12.4	-281726	-2.7	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
25	657.2	1435.3	126.1	3.9	11.7	-2.4	-12.3	-282106	-2.9	
25	656.9	1435.1	126.3	3	11.4	-1.7	-12.1	-282182	-2.9	
25	656.6	1435	126	2.6	11.1	-2.2	-11.9	-281726	-3.1	
25	656.3	1434.9	126.1	3	11.1	-2.8	-11.9	-280820	-3.2	
25	656	1435.1	125.6	2.5	11.1	-2.8	-11.7	-279657	-3	
25	655.7	1435.3	125.3	1.5	11.2	-3.1	-11.5	-278467	-2.7	
25	655.4	1435.3	124.8	1.6	11.2	-4.2	-11.5	-277287	-2.7	
25	655.1	1434.8	125.9	3.2	11	-2.9	-11.7	-276044	-2.7	
25	654.8	1434.7	126.5	3.5	11	-2.8	-11.7	-274812	-2.6	
25	654.5	1434.5	126.5	3.3	11	-2.6	-11.9	-273627	-2.4	
25	654.2	1434.6	126.4	2.6	11.3	-2.7	-12.1	-272736	-2.2	
25	653.9	1434.7	127	3.2	11.6	-1.7	-12.1	-272346	-2.2	
25	653.6	1434.9	126.3	2.9	11.6	-2.3	-12.1	-272452	-2.1	
25	653.3	1435.2	126.5	3	11.8	-1.5	-12.1	-272985	-2.2	
25	653	1435.4	127	2.8	11.7	-0.5	-11.9	-273770	-2.3	
25	652.7	1435.5	126.2	2.6	11.7	-1.7	-11.7	-274848	-2.2	
25	652.4	1435.6	127.3	4.4	11.7	-1.4	-11.5	-276080	-2.7	
25	652.1	1435.7	127	4	11.9	-1.8	-11.3	-277471	-2.8	
25	651.8	1435.7	127.8	6.2	11.5	-1	-11	-278763	-3.1	
25	651.5	1435.6	126.8	4.9	11.2	-2.7	-10.9	-279769	-3.1	
25	651.2	1435.7	127.5	4.5	10.9	-1.9	-10.6	-280331	-3.3	
25	650.9	1435.8	126.4	3.6	10.6	-3.1	-10.3	-280519	-3.4	
25	650.6	1435.9	125.6	2.6	10.5	-4.7	-10.2	-280293	-3.5	
25	650.3	1436.1	125.6	1.9	10.6	-3.7	-10.1	-279806	-3.5	
25	650	1436	125.6	2.3	10.4	-3.8	-10.1	-279209	-3.5	
25	649.7	1435.8	125.4	3	10.2	-3.9	-10.2	-278652	-3.2	
25	649.4	1435.8	125	3.1	10.1	-3.8	-10.1	-278208	-2.8	
25	649.1	1435.9	125.9	4	10.5	-2.6	-10	-278097	-2.8	
25	648.8	1436	125.9	3.6	10.6	-2.8	-10	-278171	-2.8	
25	648.5	1435.8	125.8	4	10.8	-2.9	-10.4	-278541	-2.7	
25	648.2	1435.8	126.6	3.7	10.9	-1.5	-10.6	-279172	-2.5	
25	647.9	1435.7	125.3	1.9	10.9	-2.7	-10.7	-280068	-1.9	
25	647.6	1435.9	124.4	1.6	11.3	-2.5	-10.8	-280970	-1.5	
25	647.3	1435.9	125.2	1.1	11.5	-1.3	-10.8	-281840	-1.3	
25	647	1435.8	124.1	-0.7	11.5	-1.9	-11	-282601	-1.2	
25	646.7	1435.2	124.7	1	11.4	-1.8	-11.6	-283213	-0.9	
25	646.4	1435.1	124.3	0.5	11.5	-1.8	-12	-283711	-0.9	
25	646.1	1435	125.6	1.2	11.6	-1	-12.3	-284096	-1	
25	645.8	1435.1	125.6	1.1	11.8	-2.4	-12.5	-284212	-1.6	
25	645.5	1434.9	126.6	1.7	12	-0.8	-12.8	-284135	-2	
25	645.2	1434.8	125.2	-0.3	11.8	-1.6	-13	-283981	-2.1	
25	644.9	1434.7	125	-1	11.8	-2.5	-13.3	-283788	-2.1	
25	644.6	1434.8	124.5	-1.6	11.8	-2.3	-13.3	-283596	-2.1	
25	644.3	1434.8	125.3	-1	11.7	-1.2	-12.8	-283481	-2.2	
25	644	1435.1	124.5	-1.5	11.4	-2.3	-12	-283404	-2.4	
25	643.7	1435.6	125.4	-0.7	11.3	-3.1	-11.2	-283366	-2.8	
25	643.4	1435.8	126.3	0.7	10.8	-2.2	-10.3	-283443	-3.1	
25	643.1	1435.8	125.5	0.2	10.4	-2.4	-9.6	-283635	-2.9	
25	642.8	1436.1	125.1	0.3	10.1	-3.2	-8.9	-283904	-3	
25	642.5	1436.6	125.7	-0.2	10.1	-2.5	-8.4	-284251	-3.3	
25	642.2	1436.7	125.4	-1.1	9.9	-2.9	-8.1	-284598	-3.3	
25	641.9	1436.6	124	-2.5	9.9	-4.1	-8.4	-284947	-3.1	
25	641.6	1436.3	124.6	-1.8	9.8	-3.2	-9.1	-285335	-3	
25	641.3	1436	125.9	-1.1	9.7	-2.5	-9.8	-285842	-2.8	
25	641	1435.4	125.3	-1	9.9	-3	-10.5	-286311	-2.2	
25	640.7	1435	123.4	-3.1	10.2	-4.1	-11.2	-286742	-1.6	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
25	640.4	1434.9	125.4	-1.6	10.5	-1.5	-11.6	-287135	-1.6	
25	640.1	1435	124.8	-1.4	11	-2.6	-12	-287411	-1.7	
25	639.8	1435	125.6	-1.7	11.1	-1.6	-12.1	-287608	-1.7	
25	639.5	1435.3	124.8	-2.2	11.3	-1.5	-11.8	-287767	-1.4	
25	639.2	1436.1	125	-2.8	11.6	-1.4	-11.3	-287806	-1.6	
25	638.9	1436.6	125.7	-1.1	11.8	-2.4	-11	-287687	-2	
25	638.6	1436.2	125.9	-1.6	11.4	-1.7	-10.6	-287569	-2.2	
25	638.3	1436.1	126.3	-0.1	11.2	-0.4	-10.3	-287569	-2.2	
25	638	1436	125.6	0	11.1	-2.9	-10.1	-287608	-2.2	
25	637.7	1435.5	125.7	0.1	10.6	-1.7	-10.1	-287806	-2.3	
25	637.4	1435.3	125.6	0	10.5	-2.5	-10.1	-288123	-2.3	
25	637.1	1435.1	125.9	0.5	10.3	-1.5	-10.3	-288599	-2	
25	636.8	1435.3	125	0	10.3	-1.8	-10.5	-289317	-1.8	
25	636.5	1435.5	126.2	0.3	10.5	0	-10.6	-290360	-1.6	
25	636.2	1435.5	125.6	-0.3	10.9	-0.9	-10.9	-291573	-1.4	
25	635.9	1435.4	125.6	-0.2	11.3	-0.3	-11.4	-292960	-1.4	
25	635.6	1435	127.3	0.7	11.1	1.6	-11.7	-294485	-1.3	
25	635.3	1434.9	125.4	0.1	11.6	0.5	-11.9	-296109	-1.2	
25	635	1434.8	126	1.6	11.9	1.4	-12.2	-297836	-1.3	
25	634.7	1434.9	125.9	0.7	12.2	2	-12.2	-299712	-1.4	
25	634.4	1434.8	125.1	1	12	1.7	-12.2	-301524	-1.5	
25	634.1	1434.7	123.5	-1.2	11.9	0.5	-12.3	-303052	-1.4	
25	633.8	1434.7	124.4	0.1	11.5	2.2	-12.2	-304285	-1.6	
25	633.5	1435	122.8	-2.8	11.4	0.7	-11.9	-305172	-1.8	
25	633.2	1435.2	123.2	-2.4	11.4	-0.3	-11.6	-305662	-2.2	
25	632.9	1435	121.8	-4.8	10.8	0.8	-11.2	-305885	-2.2	
25	632.6	1434.9	121.1	-4.1	10.3	-0.4	-10.8	-305662	-2.4	
25	632.3	1434.7	119.1	-5.9	10.1	-2.4	-10.6	-305039	-2.5	
25	632	1434.6	118.8	-5.7	9.9	-1.4	-10.4	-304197	-2.4	
25	631.7	1434.8	116.9	-8.4	9.8	-1.9	-10	-303359	-2.1	
25	631.4	1435.2	115.6	-8.9	9.9	-3.2	-9.6	-302833	-2.1	
25	631.1	1435.6	115	-10.4	9.9	-2.9	-9.4	-302614	-2.2	
25	630.8	1435.9	115.3	-11	9.9	-2.3	-9.2	-302658	-2	
25	630.5	1435.9	112.2	-13.3	10.1	-3.6	-9.2	-303052	-1	
25	630.2	1435.9	112.1	-13	10.4	-3.4	-9.4	-303755	-1.1	
25	629.9	1435.6	112.1	-13.6	10.3	-1.6	-9.6	-304950	-1.1	
25	629.6	1435.5	110.5	-14.9	10.3	-3.2	-9.8	-306467	-1	
25	629.3	1435.4	109.9	-14.1	10.4	-2.5	-10	-308181	-1	
25	629	1435.2	109	-15.6	10.1	-2.2	-10.3	-309915	-1	
25	628.7	1435.3	108.7	-17.2	10.1	-1.4	-10.3	-311714	-1.1	
25	628.4	1435.2	108	-17.3	9.9	-2.8	-10.4	-313534	-1.7	
25	628.1	1435.1	107.9	-15.5	9.8	-1.2	-10.5	-315329	-2.1	
25	627.8	1435	107.8	-17.6	9.3	-1.4	-10.2	-317000	-2.2	
25	627.5	1435.1	106.1	-18.7	9.3	-3	-10	-318543	-2.6	
25	627.2	1435.3	106.7	-18.9	9.2	-1.5	-9.6	-319906	-2.9	
25	626.9	1435.3	105.9	-18.9	9	-1.9	-9.2	-321231	-3.1	
25	626.6	1435.5	104.7	-20.3	9.3	-2.5	-9	-322467	-3	
25	626.3	1435.4	103.1	-22.6	9.2	-3.2	-9	-323614	-2.6	
25	626	1435.5	102.9	-23	9.2	-2.4	-8.9	-324718	-2.4	
25	625.7	1435.7	101.8	-24.5	9.3	-2.9	-8.8	-325931	-2.2	
25	625.4	1435.9	101.9	-23.7	9.5	-2.6	-8.9	-327358	-2.3	
25	625.1	1435.9	100.8	-24.9	9.5	-1.9	-8.9	-329056	-1.8	
25	624.8	1435.9	100.1	-25.5	9.6	-2.8	-8.9	-331085	-1.7	
25	624.5	1435.6	99.6	-26.3	9.5	-2.6	-9.1	-333245	-1.7	
25	624.2	1435.2	99.4	-25.6	9.3	-1.9	-9.3	-335434	-1.7	
25	623.9	1435.2	98.6	-27.6	9.2	-2.1	-9.2	-337761	-1.5	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
25	623.6	1435.2	97.8	-27.8	9.2	-2.2	-9.2	-340065	-1.4	
25	623.3	1435.3	97	-28.6	9.4	-1.9	-9.2	-342288	-1.2	
25	623	1435.6	96.5	-30.8	9.6	-2.4	-9.1	-344428	-1.3	
25	622.7	1435.5	95.8	-29.6	10	-2.7	-9.4	-346251	-1.5	
25	622.4	1435.2	95.6	-30.4	10	-2.3	-9.8	-347746	-1.6	
25	622.1	1435.1	95.1	-30.8	10.2	-1.8	-10	-349137	-1.6	
25	621.8	1435	94.6	-30.5	10.4	-2.6	-10.3	-350482	-1.9	
25	621.5	1435	95.2	-28.3	10.5	-1.7	-10.3	-351659	-2.2	
25	621.2	1434.9	94.3	-30.1	10.5	-2.8	-10.3	-352725	-2.6	
25	620.9	1434.6	93.7	-29.1	10.2	-2.6	-10.4	-353858	-2.6	
25	620.6	1434.3	93.2	-30	9.6	-2.7	-10.3	-354877	-2.7	
25	620.3	1433.9	93.1	-28.7	8.9	-2.2	-10	-355903	-2.9	
25	620	1434	92.5	-28.6	8.3	-2.2	-9.3	-357178	-2.8	
25	619.7	1434.2	91.1	-28	7.8	-3.2	-8.7	-358646	-2.6	
25	619.4	1434.5	91.3	-27.5	7.4	-2.4	-8	-360312	-2.4	
25	619.1	1434.4	90.9	-26	6.7	-2.9	-7.5	-362182	-2.4	
25	618.8	1434.2	91.3	-24.3	5.9	-2.5	-7.1	-364388	-2.5	
25	618.5	1434.3	90.4	-24.6	5.8	-2.5	-6.7	-366686	-2.4	
25	618.2	1434.5	90	-25.3	5.9	-2.8	-6.5	-369142	-2.5	
25	617.9	1434.6	89	-23.2	6.2	-3.4	-6.6	-371764	-2.2	
25	617.6	1434.8	88.1	-24	6.4	-3.4	-6.9	-374289	-2.1	
25	617.3	1435.1	88.2	-23.9	6.8	-2.2	-7.3	-376781	-2	
25	617	1435.3	88.1	-22.4	7	-1.9	-7.6	-379101	-1.8	
25	616.7	1435.5	87.6	-22.3	7.6	-2.3	-8	-381102	-1.6	
25	616.4	1435.8	88.3	-20.7	8.4	-1.4	-8.3	-382984	-1.5	
25	616.1	1435.8	87.3	-21.4	8.9	-1.3	-8.7	-384814	-1.3	
25	615.8	1435.9	87.3	-20.7	9.4	-0.7	-9	-386590	-1.1	
25	615.5	1436.1	87.2	-20.7	9.5	0.2	-8.9	-388311	-1	
25	615.2	1436.5	86.3	-21.5	9.7	0.3	-8.6	-390192	-0.9	
25	614.9	1436.9	85.7	-20.4	9.8	0.1	-8.3	-392092	-0.8	
25	614.6	1437.3	85.1	-21.6	9.9	-0.7	-8.1	-394010	-1.2	
25	614.3	1437.3	85.7	-20.2	9.9	0.1	-8.1	-396022	-1.6	
25	614	1437.2	85.1	-19.6	9.7	-0.5	-8	-398131	-1.8	
25	613.7	1436.9	84.3	-18.8	9.3	-0.6	-8	-400185	-1.7	
25	613.4	1436.6	83.8	-19.1	8.7	-1.1	-7.9	-402339	-1.6	
25	613.1	1436.3	82.9	-18.9	8.3	-1.5	-7.8	-404593	-1.6	
25	612.8	1435.9	82	-19.9	8	-1.3	-8	-406715	-1.5	
25	612.5	1435.7	81.4	-19.4	7.9	-1.2	-8.2	-409099	-1.5	
25	612.2	1435.6	81	-19.1	7.7	-0.9	-8.2	-411835	-1.5	
25	611.9	1435.5	80.4	-19.2	7.5	-1.5	-8.1	-414936	-1.5	
25	611.6	1435.3	79.3	-20.1	7.3	-1.8	-8	-418586	-1.1	
25	611.3	1435.4	79	-19.6	7.2	-1.6	-7.8	-422386	-1.4	
25	611	1435.7	79.3	-18.5	7.2	-1	-7.5	-426342	-1.9	
25	610.7	1435.6	78.5	-18.5	7.2	-1.8	-7.5	-430462	-2.1	
25	610.4	1435.2	77.3	-19.2	7	-1.8	-7.5	-434482	-1.6	
25	610.1	1435.1	76.5	-19.3	6.8	-1.4	-7.3	-438210	-1.2	
25	609.8	1434.9	75.8	-19.8	6.7	-1.9	-7.2	-441351	-1.5	
25	609.5	1434.9	75.1	-20	6.6	-1.8	-7.1	-443783	-1.5	
25	609.2	1434.8	74.9	-19.7	6.5	-1.6	-7	-445198	-1.8	
25	608.9	1435.1	74.1	-21.1	6.5	-2.3	-6.8	-445767	-1.9	
25	608.6	1435.3	73	-21.3	6.6	-3.9	-6.7	-445672	-2.2	
25	608.3	1435.4	73.6	-20.1	6.7	-2.6	-6.6	-445009	-2.5	
25	608	1435.5	72.9	-20.3	6.9	-2.8	-6.5	-444159	-2.6	
25	607.7	1435.4	71.9	-21.2	6.7	-3.5	-6.4	-443595	-2.6	
25	607.4	1435.3	71.4	-21.1	6.5	-3.4	-6.3	-443501	-2.4	
25	607.1	1435.4	70.5	-20.6	6.6	-3.6	-6.2	-444065	-2.2	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
25	606.8	1435.3	70	-21.3	6.7	-3.4	-6.3	-445387	-2.2	
25	606.5	1435.3	70	-20.9	6.5	-2.9	-6.3	-447673	-2.2	
25	606.2	1435.1	70	-21.3	6.5	-2.6	-6.4	-451048	-2.2	
25	605.9	1435.1	68.9	-21.5	6.5	-3	-6.4	-455662	-1.9	
25	605.6	1435.1	68.9	-21.1	6.6	-2.5	-6.4	-461283	-1.9	
25	605.3	1435.2	69.1	-19.9	6.8	-1.9	-6.3	-467254	-2.1	
25	605	1435.2	69.1	-19	7	-1.9	-6.3	-473274	-2.5	
25	604.7	1435.2	68.7	-19.5	7	-1.4	-6.3	-479342	-2.2	
25	604.4	1435	67.5	-20.6	6.9	-1.6	-6.4	-485342	-1.9	
25	604.1	1435	67.4	-20.2	6.9	-1.6	-6.5	-491263	-1.9	
25	603.8	1434.7	67.8	-20.5	6.7	-1.2	-6.5	-496977	-2.3	
25	603.5	1434.5	66.4	-20.9	6.2	-1.3	-6.4	-502463	-2	
25	603.2	1434.3	66.1	-21.2	5.8	-1.9	-6.3	-507456	-2.1	
25	602.9	1434	65.9	-21.3	5.5	-1.9	-6.4	-512173	-2.4	
25	602.6	1433.7	65.5	-20.8	5.2	-1.9	-6.4	-516978	-2.3	
25	602.3	1433.7	65.3	-20.4	5.2	-1.7	-6.4	-521875	-2.2	
25	602	1433.8	64.4	-20.7	5.1	-1.6	-6.2	-526600	-2	
25	601.7	1433.9	64.3	-21.4	4.9	-0.9	-5.9	-531277	-1.9	
25	601.4	1434	63.5	-21.6	5	-1.8	-5.8	-536037	-1.9	
25	601.1	1434.3	62.5	-21.8	5.3	-1.7	-5.7	-541024	-1.6	
25	600.8	1434.4	62.9	-20.9	5.3	-1.2	-5.7	-546246	-1.7	
25	600.5	1434.5	61.8	-21.1	5.5	-1.5	-5.8	-551716	-1.6	
25	600.2	1434.5	61.2	-20.8	5.5	-1.8	-5.9	-557593	-1.6	
25	599.9	1434.6	60.8	-20.6	5.5	-1.6	-5.9	-563596	-1.6	
25	599.6	1434.7	60.5	-20.5	5.6	-1.2	-6.1	-569886	-1.6	
25	599.3	1434.7	59.1	-21.3	5.9	-2.5	-6.5	-576317	-1.4	
25	599	1434.8	59	-20.3	6.3	-1.8	-6.9	-582409	-1.5	
25	598.7	1434.9	58.8	-20.2	6.5	-1.2	-7.2	-587639	-1.6	
25	598.4	1435.3	58.7	-20.6	6.9	-1.7	-7.4	-592127	-1.8	
25	598.1	1435.5	57.4	-21.1	7	-1.6	-7.4	-595834	-1.5	
25	597.8	1436	57.3	-20	7.3	-1.4	-7.2	-599587	-1.7	
25	597.5	1436.3	56.3	-20.2	7.5	-1.9	-7	-603215	-1.9	
25	597.2	1436.6	55.7	-20.1	7.3	-2.6	-6.7	-606887	-2.2	
25	596.9	1436.7	56.1	-19	6.9	-1.2	-6.2	-610425	-2.4	
25	596.6	1436.8	55	-19.9	6.4	-1.7	-5.6	-614005	-2.2	
25	596.3	1436.9	54.3	-19.8	5.8	-1.7	-4.8	-617628	-2.2	
25	596	1437.2	54.4	-18.6	5.1	-0.8	-4	-621293	-2.3	
25	595.7	1437.3	53.3	-20.3	4.6	-1.2	-3.4	-624816	-2.2	
25	595.4	1437.2	52.8	-20.1	3.9	-0.9	-3.1	-628002	-1.7	
25	595.1	1437.1	51.9	-20	3.5	0.1	-2.9	-630460	-0.8	
25	594.8	1437.3	51.7	-19.7	3.5	0.2	-2.7	-632555	-0.6	
25	594.5	1437.4	50.7	-19.8	3.6	-0.3	-2.7	-634472	-0.6	
25	594.2	1437.2	49.9	-20.1	3.6	-0.6	-2.9	-636981	-0.7	
25	593.9	1437	48.8	-21.2	3.7	-1.2	-3.1	-640489	-0.6	
25	593.6	1437	47	-23	4	-2.2	-3.4	-645226	-0.7	
25	593.3	1436.8	47.2	-21.7	4.2	-1.6	-3.8	-651247	-0.9	
25	593	1436.8	46.7	-22.2	4.6	-1.4	-4	-658207	-1.3	
25	592.7	1436.7	45.7	-23.4	4.9	-2.1	-4.2	-666589	-1.6	
25	592.4	1436.5	46	-23.1	4.8	-1.8	-4.4	-675842	-1.8	
25	592.1	1436.3	44.7	-24	4.6	-2.2	-4.6	-685579	-1.9	
25	591.8	1436.3	44.5	-23	4.6	-2.6	-4.6	-695138	-2.1	
25	591.5	1435.9	44.5	-22.9	4.5	-1.7	-4.5	-704020	-2.2	
25	591.2	1435.6	42.6	-25.2	4	-2.4	-4.2	-711920	-2.4	
25	590.9	1435.4	42.6	-23.8	3.8	-2.8	-3.8	-719010	-2.9	
25	590.6	1435.2	40.8	-25.3	3.9	-2.8	-3.7	-725487	-3.5	
25	590.3	1435	40.6	-25.3	3.5	-4.6	-3.5	-732083	-3.8	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
25	590	1435	40.2	-25.3	3.4	-3.9	-3.3	-738538	-4.1	
25	589.7	1435.2	39.4	-25.9	3.5	-4.8	-3.1	-745374	-4.6	
25	589.4	1435.3	40.2	-24.2	3.3	-4.1	-3	-753421	-5.1	
25	589.1	1434.9	39.3	-25	3.2	-5.2	-3.2	-763309	-4.8	
25	588.8	1434.5	38.2	-25.3	3.4	-4.2	-3.6	-775465	-4	
25	588.5	1433.9	37.8	-24.7	3.3	-4	-4	-789798	-3.8	
25	588.2	1433.3	33.5	-29.4	3.2	-4.6	-4.4	-805910	-1.6	
25	587.9	1433.4	37.1	-24.7	3.3	-0.9	-4.3	-823664	-2	
25	587.6	1433.3	34	-27.2	3.1	-2.5	-4.3	-842557	-1.1	
25	587.3	1433.3	34.5	-26.3	2.7	-1.1	-4.2	-861982	-1	
25	587	1433.7	34	-26.5	3.2	-1.5	-4.2	-881581	-1	
25	586.7	1433.9	34.8	-24.3	3.5	0.1	-4.3	-900152	-1	
25	586.4	1433.8	34.3	-24.7	3.3	-0.2	-4.3	-916304	-1	
25	586.1	1433.8	33.4	-25.4	3.5	0.1	-4.4	-928906	-0.9	
25	585.8	1433.8	32.2	-26.5	3.8	1.5	-4.5	-937642	-0.8	
25	585.5	1433.8	31.3	-26.1	4	-0.8	-4.7	-942283	-0.6	
25	585.2	1434	30.5	-26.8	4.6	-0.2	-5	-945261	-0.4	
25	584.9	1434.3	29.8	-26.5	5.4	-0.5	-5.2	-946543	-0.2	
25	584.6	1434.2	28.8	-26.9	5.3	-0.8	-5.3	-946116	0	
25	584.3	1434.6	28.1	-28	5.6	-2.4	-5.1	-944835	-0.2	
25	584	1435.1	28.7	-26.3	5.9	-2	-4.7	-944409	-0.8	
25	583.7	1435.4	27	-27.3	5.9	-2.5	-4.1	-945688	-0.8	
25	583.4	1435.7	26.4	-28	5.6	-2.8	-3.4	-948688	-0.8	
25	583.1	1435.6	25.8	-27.5	5	-2.4	-2.9	-955180	-1	
25	582.8	1435.4	26.7	-26.1	4.2	-1.6	-2.4	-963975	-1.9	
25	582.5	1435	25.8	-26.1	3.4	-2.4	-2.1	-975654	-2.3	
25	582.2	1434.7	25.3	-26.4	2.8	-2.1	-2	-990423	-2.1	
25	581.9	1434.3	25.8	-24.9	2	-1.6	-2	-1008552	-2.3	
25	581.6	1433.9	25.5	-24.4	1.8	-2	-2.1	-1029377	-2.5	
25	581.3	1433.5	24	-24.8	1.6	-2.2	-2.5	-1052137	-2.3	
25	581	1433.2	24.6	-22.4	1.5	-0.8	-2.8	-1075374	-2.4	
25	580.7	1433.1	23.2	-24	1.8	-1.3	-3.1	-1097355	-2.2	
25	580.4	1433.2	22.4	-24.3	2.1	-1.9	-3.2	-1119654	-1.9	
25	580.1	1433.1	22	-23.7	2.3	-1.2	-3.4	-1141632	-1.6	
25	579.8	1433.5	21.8	-24.2	2.6	-1.1	-3.3	-1162550	-1.4	
25	579.5	1434	22	-22.7	3.1	-0.8	-3.1	-1181576	-1.3	
25	579.2	1433.4	21.3	-23.2	2.4	-1.1	-2.9	-1200546	-1.1	
25	578.9	1433.4	20.8	-23.7	2.5	-0.6	-2.6	-1221559	-1	
25	578.6	1433.4	19.7	-22.9	2.5	-2	-2.3	-1244799	-1	
25	578.3	1433.2	18.8	-23.8	2.3	-2.1	-2.1	-1271252	-1	
25	578	1433.2	18.1	-22.7	2.1	-2.1	-1.8	-1299660	-1.2	
25	577.7	1433.4	17.3	-23.3	2.2	-2	-1.5	-1326839	-1.1	
25	577.4	1433.7	17.6	-22.6	2.3	-1.8	-1.4	-1354303	-1.5	
25	577.1	1433.8	17.3	-22.1	2.1	-2.2	-1.3	-1379283	-1.8	
25	576.8	1433.8	17.1	-23.1	2.5	-1.9	-1.3	-1404260	-1.8	
25	576.5	1433.5	16.9	-22.4	2.5	-1.8	-1.5	-1431136	-1.9	
25	576.2	1433.2	16.9	-21.3	2.4	-1.5	-1.7	-1460078	-2.1	
25	575.9	1433	16.6	-21.2	2.5	-1.2	-1.9	-1493403	-2.4	
25	575.6	1432.5	15.6	-17.9	2.3	-1.7	-2.3	-1532761	-2.3	
25	575.3	1432.4	14.4	-22.7	2.1	-1.8	-2.4	-1578998	-2	
25	575	1432.1	14.1	-19.9	1.8	-1.5	-2.6	-1634466	-1.9	
25	574.7	1432	13.4	-21.1	1.8	-1.1	-2.8	-1700854	-1.9	
25	574.4	1431.8	13.1	-20.9	1.5	-0.8	-3	-1772863	-1.9	
25	574.1	1431.7	12.8	-22	1.5	-0.3	-3	-1851239	-1.6	
25	573.8	1431.7	12.8	-21.5	1.5	-0.2	-2.8	-1929724	-1.6	
25	573.5	1431.5	12.1	-21.3	1.2	-0.2	-2.7	-2001674	-1.2	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
25	573.2	1431.8	11.8	-20.4	1.5	0.1	-2.3	-2064843	-1.1	
25	572.9	1431.9	11.2	-20.1	1.6	0.5	-2	-2119181	-1	
25	572.6	1432	9.9	-20.6	1.6	0.1	-1.6	-2160733	-0.7	
25	572.3	1432.2	7.9	-21.9	1.5	-1.5	-1.2	-2197010	-0.4	
25	572	1432.7	6.9	-21.9	1.9	-1.6	-0.8	-2232144	-0.2	
25	571.7	1433	6.1	-22	1.8	-1.5	-0.4	-2273345	0	
25	571.4	1432.9	6	-22.7	1.4	-2.6	-0.1	-2323808	0.1	
25	571.1	1432.9	5.6	-21.4	1.3	-2	0.1	-2392858	0	
25	570.8	1432.6	5.6	-20.8	0.9	-2.6	0.1	-2483690	-0.4	
25	570.5	1432.2	5	-20.8	0.6	-3	0.1	-2597705	-0.4	
25	570.2	1431.9	4.2	-22.5	0.2	-2.5	0.1	-2736929	-0.4	
25	569.9	1431.7	4.6	-21.2	-0.1	-2.7	0	-2907987	-1	
25	569.6	1431.5	3.6	-21.7	-0.3	-2.9	-0.2	-3106455	-1.2	
25	569.3	1431.6	2.3	-23.5	-0.5	-4.2	-0.2	-3328697	-1.6	
25	569	1431.6	4.6	-20.9	-0.5	-2.7	-0.2	-3572953	-2.3	
25	568.7	1431.5	3.2	-20.8	-0.5	-4	-0.4	-3841744	-2.4	
25	568.4	1431.4	3.8	-20.8	-0.4	-3.7	-0.5	-4129685	-2.6	
25	568.1	1431.1	4.1	-19.1	-0.5	-3.6	-0.8	-4445329	-3	
25	567.8	1431.3	2.7	-19.7	0	-4.4	-1	-4791190	-2.8	
25	567.5	1431.4	4.8	-17.2	0.2	-2.8	-1.1	-5157020	-3.2	
25	567.2	1431.3	3.6	-18.2	0.3	-3.4	-1.4	-5553714	-3	
25	566.9	1431.5	3.7	-18.3	0.5	-2.2	-1.5	-5982143	-2.5	
25	566.6	1431.7	4	-17.3	0.6	-3	-1.5	-6442308	-2.3	
25	566.3	1431.8	3.9	-16.9	0.6	-2	-1.4	-6979167	-2.2	
25	566	1432.1	4.3	-15.4	0.6	-2.8	-1.2	-7586051	-2.3	
25	565.7	1432.5	4.4	-14.4	0.9	-2.9	-0.9	-8275692	-2.4	
25	565.4	1432.7	4.5	-13.6	0.8	-1.5	-0.7	-9143013	-2.2	
25	565.1	1432.9	4.3	-13	0.9	-3.3	-0.5	-1E+07	-2	
25	564.8	1433.3	4.5	-13.1	1	-1.9	-0.2	-1.2E+07	-2	
25	564.5	1433.4	4.6	-12.7	1	-1.8	-0.3	-1.4E+07	-1.7	
25	564.2	1433.7	4.8	-12.3	0.9	-1.4	-0.1	-1.8E+07	-1.4	
25	563.9	1433.8	4.3	-12.6	0.8	-1.5	-0.1		-1.4	
25	563.6	1434	5.9	-11	0.9	-0.6	-0.2		-1.6	
25	563.3	1434	5.7	-10.9	0.6	-0.3	-0.2		-1.4	
25	563	1433.9	5	-10.6	0.4	-1.8	-0.3		-1.5	
25	562.7	1433.7	6.4	-8	0.3	0	-0.5		-1.4	
25	562.4	1433.7	5.1	-9	0.1	-0.8	-0.5		-1.3	
25	562.1	1433.9	5.6	-7.8	0.2	-0.5	-0.5	17447917	-1.3	
25	561.8	1434.1	5.5	-7.6	0.1	-0.6	-0.3	15172102	-1.2	
25	561.5	1434.4	4.8	-8	0.3	-1	-0.1	14052014	-1.2	
25	561.2	1434.5	5.6	-7.2	0.1	-1.2	0.1	13865894	-1.3	
25	560.9	1434.8	4.9	-7.2	0.1	-1.9	0.4	14146960	-1.6	
25	560.6	1434.9	6	-5.8	0.1	-0.5	0.6	14539931	-1.8	
25	560.3	1434.9	5.6	-5.6	0	-1.8	0.9	14849291	-1.7	
25	560	1434.9	4.8	-5.1	0	-2	1.1	14849291	-1.9	
25	559.7	1434.9	5	-2.9	-0.3	-1.3	1.3	14439655	-2.2	
25	559.4	1434.8	5	-1.9	-0.5	-2	1.4	13251582	-2.4	
25	559.1	1434.6	5	-1.1	-0.8	-1.7	1.4	11696928	-2.5	
25	558.8	1434.6	5.1	-0.9	-1.2	-2	1.5	10114734	-2.6	
25	558.5	1434.5	4.8	-0.8	-1.4	-2.1	1.5	8723959	-2.6	
25	558.2	1434.5	4.5	-1.1	-1.5	-2.1	1.5	7613637	-2.8	
25	557.9	1434.4	5	0	-1.7	-2	1.6	6710737	-2.7	
25	557.6	1433.9	4.7	0.5	-2.2	-1.5	1.6	5982143	-2.6	
25	557.3	1433.8	2.6	-2	-2.1	-3.8	1.5	5424223	-2.4	
25	557	1433.7	3.8	0.2	-2	-1.3	1.4	4973278	-2.3	
25	556.7	1433.6	3.5	1.2	-1.9	-2.2	1.2	4642462	-2.3	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
25	556.4	1434	3.3	-1.3	-1.3	-2.6	1	4464286	-2.3	
25	556.1	1434	3.7	0.5	-1.1	-1.5	0.7	4361980	-2	
25	555.8	1434.2	1.7	-2.1	-0.6	-3	0.4	4308128	-1.9	
25	555.5	1434.2	3	-1.1	-0.5	-1.9	0.1	4290472	-1.8	
25	555.2	1434.2	2.4	-0.3	-0.1	-1.9	-0.1	4281698	-1.7	
25	554.9	1433.9	3.1	-1.7	-0.4	-0.2	-0.1	4264257	-1.4	
25	554.6	1433.8	0.7	-2.9	-0.8	-2.6	0.1	4229798	-1.3	
25	554.3	1433.9	1.9	-1.8	-0.8	-1.3	0.3	4146040	-1.4	
25	554	1434.1	2.1	-1.9	-1.1	-1.4	0.6	4057655	-1.4	
25	553.7	1434.3	1.6	-2.3	-1.2	-1.4	1	3965436	-1.3	
25	553.4	1434.4	1.1	-3.2	-1.1	-1.1	1.1	3870148	-1.4	
25	553.1	1434.8	1.2	-3.2	-1	-1.7	1.4	3786167	-1.5	
25	552.8	1434.9	0.5	-4	-0.7	-1.8	1.4	3718917	-1.5	
25	552.5	1435	1.3	-3	-0.5	-1.1	1.4	3666813	-1.4	
25	552.2	1435.2	0.3	-4.2	-0.1	-1.3	1.4	3654014	-1.4	
25	551.9	1435.2	0	-4.6	0.3	-2.6	1	3673246	-1.6	
25	551.6	1435.3	1	-3.8	0.5	-1.5	0.7	3712323	-1.8	
25	551.3	1434.9	-0.3	-4.6	0.6	-2.7	0.1	3758977	-1.7	
25	551	1434.7	-0.1	-6	0.7	-2	-0.2	3799910	-1.5	
25	550.7	1434.5	-0.1	-5.8	0.5	-2	-0.3	3841744	-1.3	
25	550.4	1434.3	-0.8	-5.8	0.2	-1.7	-0.2	3870148	-1	
25	550.1	1434.3	-1.1	-7.5	-0.3	-2.4	0.1	3877315	-0.7	
25	549.8	1434	-0.2	-5.3	-0.9	-1.4	0.4	3841744	-0.8	
25	549.5	1433.9	0.2	-5.4	-1.6	-1.1	1.1	3772523	-1	
25	549.2	1434	-0.6	-6.1	-2.2	-1.1	1.9	3686180	0	curva parque de los venados-Zapata
25	548.9	1434.2	-0.2	-5	-2.1	-0.8	2.6	3597509	-0.2	
25	548.6	1434.1	-0.2	-5.8	-2.4	-1.3	2.9	3542725	-0.5	
25	548.3	1433.7	0	-4.9	-2.7	-1.4	3	3524832	-0.8	
25	548	1433.7	-0.6	-6.6	-2.3	-1.8	2.9	3548729	-1.2	
25	547.7	1433.9	-0.1	-5.7	-2	-1.2	2.8	3616149	-1.7	
25	547.4	1433.9	0.5	-4.3	-1.7	-2.1	2.5	3725534	-2.3	
25	547.1	1433.6	0.7	-4.3	-1.8	-2.2	2.1	3877315	-2.5	
25	546.8	1433.3	-0.1	-5.1	-1.7	-3.1	1.5	4065534	-2.8	
25	546.5	1432.5	1.2	-3.8	-1.5	-2.1	0.3	4272960	-3.2	
25	546.2	1432.4	1.4	-3.7	-1	-2	-0.3	4464286	-3.2	
25	545.9	1432.2	1.3	-3.5	-0.7	-2	-0.6	4611784	-3.1	
25	545.6	1431.9	0.9	-3.6	-0.8	-2.3	-0.7	4684005	-2.7	
25	545.3	1432	-0.1	-5.1	-0.6	-2.9	-0.6	4684005	-2.6	
25	545	1432.2	0.9	-3.8	-0.5	-1.8	-0.3	4652778	-2.5	
25	544.7	1432.6	0.7	-1.9	-0.2	-2.3	0.2	4621965	-2.5	
25	544.4	1433	1.1	-2.7	0	-1.5	0.7	4621965	-2.4	
25	544.1	1433.2	0.4	-3.1	0.3	-3.1	1	4705057	-2.4	
25	543.8	1433.3	0.5	-2.8	0.2	-2.7	1.1	4857889	-2.3	
25	543.5	1433.4	0.5	-3.2	0.3	-3	1.1	5106708	-2.3	
25	543.2	1433.1	1.7	0	0	-1.3	1	5495407	-2.3	
25	542.9	1432.6	0.6	-2.4	-0.4	-2.3	0.7	6068841	-2.2	
25	542.6	1432.1	-0.2	-2.6	-0.7	-3.1	0.3	6797890	-2.2	
25	542.3	1431.5	0.4	-2.7	-1.1	-2.4	-0.3	7726015	-2.2	
25	542	1431.2	0.4	-0.3	-1.4	-2.6	-0.8	8947650	-2.2	
25	541.7	1431.2	1.1	-0.8	-1.5	-1.4	-0.9	10365099	-2.2	
25	541.4	1431.5	0.4	-1.7	-1.6	-2	-0.8	11829096	-2.2	
25	541.1	1431.8	1.1	-0.5	-1.6	-1.6	-0.5	12766768	-2.2	
25	540.8	1432.2	0.5	-0.6	-1.1	-3.2	-0.2	13004659	-2.3	
25	540.5	1432.5	1.5	0.3	-0.7	-1.5	0.2	12462798	-2.3	
25	540.2	1432.8	0.6	0.1	-0.5	-2.6	0.8	11379076	-2.3	
25	539.9	1433.2	0.6	-0.7	-0.3	-2	1.6	10263481	-2.3	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
25	539.6	1433.7	0.6	0.3	-0.1	-2.1	2.3	9305556	-2.4	
25	539.3	1434	0.2	0.2	-0.2	-2.7	2.7	8341634	-2.4	
25	539	1434.4	-0.2	-1.2	-0.1	-2.6	2.8	7586051	-2.2	
25	538.7	1434.3	0.4	0.7	-0.2	-2.4	2.4	7049664	-2.2	
25	538.4	1434	1.1	1.2	-0.4	-1.4	1.8	6625791	-2.2	
25	538.1	1433.5	0.9	1	-0.6	-2.2	1.1	6344697	-2.3	
25	537.8	1433	1.9	2.7	-0.9	-0.4	0.5	6158088	-2	
25	537.5	1432.3	0.2	1.3	-1.2	-1.9	-0.1	6051301	-1.7	
25	537.2	1431.8	0.2	0.4	-1.4	-1.7	-0.7	5931303	-1.6	
25	536.9	1431.8	-0.1	-0.3	-1.1	-1.6	-1.1	5931303	-1.7	
25	536.6	1432	0	0.6	-0.7	-0.9	-1.3	5965100	-1.8	
25	536.3	1432.5	0.2	0.4	-0.3	-1.3	-1.1	5914548	-1.9	
25	536	1433	0.1	0.3	0.2	-1.6	-0.8	5832173	-1.9	
25	535.7	1433.6	0.1	0.1	0.8	-0.9	-0.3	5720629	-1.9	
25	535.4	1434	0	0.6	1.3	-2.5	0.1	5613271	-1.8	
25	535.1	1434.1	0.2	0.3	1.8	-1.2	0.2	5481021	-2	
25	534.8	1434.1	0.1	-0.4	2	-1.5	0.2	5382391	-2.1	
25	534.5	1434	-0.5	-1.2	2	-1.4	0.1	5354860	-2	
25	534.2	1433.7	-1.6	-1.5	2.2	-1.9	-0.5	5438312	-1.9	
25	533.9	1433.5	-1.1	-2.3	1.8	-1.7	-0.8	5598262	-1.9	
25	533.6	1433.2	-1.4	-2.8	1.2	-2	-1.1	5767907	-1.9	
25	533.3	1432.7	-2.6	-3.9	0.9	-3.8	-1.8	5914548	-2.2	
25	533	1432.2	-0.5	-1.4	0.4	-1.3	-2.2	6068841	-2	
25	532.7	1431.9	-1.3	-1.2	0.1	-2.2	-2.3	6176254	-1.7	
25	532.4	1431.9	-1.2	-2.1	0.1	-1.4	-2.3	6194527	-1.5	
25	532.1	1431.9	-2.1	-2.8	0.3	-2.2	-2.3	6068841	-1.4	
25	531.8	1432.1	-3.2	-4.3	0.4	-2.2	-2.2	5832173	-1	
25	531.5	1432.6	-2.9	-3.3	0.5	-1.8	-1.8	5568484	-0.5	
25	531.2	1433.2	-2.7	-3.2	0.8	-1.5	-1.2	5327608	-0.6	
25	530.9	1433.6	-2.2	-2.7	0.7	-0.6	-0.5	5169753	-0.8	
25	530.6	1434	-2.3	-4	0.6	-2.1	0.4	5094283	-1.2	
25	530.3	1434.2	-1.8	-2.4	0.1	-1.6	1.4	5106708	-1.6	
25	530	1434.2	-2.7	-2.5	-0.4	-3.2	2.1	5247494	-2.3	
25	529.7	1433.7	-2.1	-2.5	-1.2	-2.8	2.5	5539021	-3	
25	529.4	1434.1	-2.4	-2.8	-2	-2.2	3.7	6086483	-3.4	
25	529.1	1434.3	-2.1	-3.2	-2.6	-3.7	4.4	6932947	-3.9	
25	528.8	1434.1	-2.1	-2.5	-3.5	-3.6	4.7	8210785	-3.7	
25	528.5	1434.1	-2.2	-3.3	-3.8	-3.8	4.8	9876179	-3.9	
25	528.2	1433.8	-2.4	-2.9	-4.1	-3.7	4.4	11896307	-3.7	
25	527.9	1433.4	-2.3	-3.8	-4.1	-3.6	3.9	13958333	-3.3	
25	527.6	1433.1	-2.4	-3	-4.1	-2.4	3.4	15625000	-2.4	
25	527.3	1433	-2.4	-3	-3.6	-1.8	3.2	16357422	-1.7	
25	527	1432.6	-3.9	-4.5	-3.1	-2.2	2.1	15742481	-1.4	
25	526.7	1432.5	-1.8	-2	-2.5	-0.4	1.3	14340754	-0.9	
25	526.4	1432.5	-1.8	-1.6	-1.6	-0.5	0.6	12612952	-0.6	
25	526.1	1432.7	-2.4	-2.8	-1.1	-0.6	0.2	11136968	0	
25	525.8	1433.1	-2.4	-3.5	-0.5	-0.1	0.1	10017943	0.2	
25	525.5	1433.1	-2.2	-3.1	-0.2	0	0	9305556	0.3	
25	525.2	1433.3	-2.1	-4	-0.1	0.2	0.3	8909575	0.3	
25	524.9	1433.1	-2.4	-2.6	-0.4	-0.2	0.4	8651860	0.4	
25	524.6	1433.2	-3.7	-3.9	-0.2	-0.6	0.4	8511179	0.4	
25	524.3	1433.1	-2.5	-2.4	-0.1	-0.9	0.1	8408635	0	
25	524	1432.9	-1.7	-1.7	-0.2	-0.4	-0.1	8146887	-0.1	
25	523.7	1433.1	-1.4	-1.6	-0.3	-0.2	0	7871241	-0.4	
25	523.4	1433.2	-1.8	-1.9	-0.5	-0.2	0.2	7531475	-0.2	
25	523.1	1433.1	-1.4	-1.5	-0.4	-0.5	0.1	7026007	-0.8	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
25	522.8	1433.1	-1.5	-1.5	-0.5	-1.1	0.1	6462192	-1.3	
25	522.5	1433.2	-1.1	-1.3	-0.2	-0.8	0.2	5914548	-1.4	
25	522.2	1433.5	-1.5	-1.6	-0.2	-0.3	0.4	5410207	-1.6	
25	521.9	1433.8	-1.4	-0.9	0.1	-0.8	0.6	4973278	-1.8	
25	521.6	1434	-1	0.6	0.2	-1.3	0.8	4611784	-2	
25	521.3	1434.1	-0.8	0.3	0.1	-1.8	0.9	4343880	-2.2	
25	521	1433.9	-1.1	0.3	0	-1.8	0.7	4146040	-2.4	
25	520.7	1433.6	-1.3	1.3	0	-1.7	0.4	4026443	-2.1	
25	520.4	1433.6	-1.4	-0.9	0.3	-1.8	0.1	3988096	-2.1	
25	520.1	1433.3	-1	0.3	0.2	-1.3	-0.3	4049807	-1.8	
25	519.8	1433.4	-1.9	-0.7	0.4	-2	-0.5	4187500	-1.6	
25	519.5	1433.1	-2.2	-0.1	0.4	-1.8	-1.1	4398635	-1.3	
25	519.2	1433.2	-1.6	1.6	0.8	-1.2	-1.5	4769363	-1.2	
25	518.9	1433.1	-1	1.9	1	-1	-1.9	5314087	-1	
25	518.6	1433.3	-1.6	1.1	1.2	-1.4	-1.9	6068841	-0.9	
25	518.3	1433.3	-1.9	0.3	1.3	-1.3	-1.8	7170377	-0.6	
25	518	1433.3	-1.9	0.4	1.2	-1.5	-1.5	8723959	-0.6	
25	517.7	1433.6	-1.9	-0.1	1.3	-1.6	-1.1	10962042	-0.7	
25	517.4	1433.5	-1.4	1.3	0.8	-1.1	-0.7	14146960	-0.9	
25	517.1	1433.8	-2	0.1	0.8	-1.7	-0.2	19940476	-1.1	
25	516.8	1433.8	-2.2	0.2	0.3	-2.4	0.2		-1.3	
25	516.5	1433.9	-1.1	1	0.1	-2.1	0.7		-1.6	
25	516.2	1434	-1	1.1	-0.3	-1.6	1.1		-2	
25	515.9	1434	-1.1	1.1	-0.4	-2.6	1.3		-2.4	
25	515.6	1433.7	-0.7	1.7	-0.6	-2.2	1.3		-2.8	
25	515.3	1433.4	-1	1.3	-0.8	-3	1.1		-3	
25	515	1433.3	-0.5	1.9	-0.6	-2.7	0.9		-3.3	
25	514.7	1433.3	-0.5	1.9	-0.4	-2.8	0.6		-3.5	
25	514.4	1433.4	-0.5	3.4	0.1	-2.5	0.4		-3.5	
25	514.1	1433.2	-0.1	1.7	0	-2.5	0.3		-3.2	
25	513.8	1433.1	-1.2	0.6	0	-2.8	0.1		-3	
25	513.5	1433	0.1	2.5	-0.2	-1.5	0.1		-2.6	
25	513.2	1432.8	-0.6	1.8	-0.5	-1.9	0.2	19567757	-2.2	
25	512.9	1432.6	-0.2	2	-0.9	-1	0.4	17895299	-1.6	
25	512.6	1432.5	-0.9	1.2	-1.1	-0.6	0.7	16617064	-1	
25	512.3	1432.3	-0.5	1.9	-1.7	0.2	1	15742481	-0.9	
25	512	1432.1	-0.8	2.9	-2	-0.5	1.1	15395221	-1	
25	511.7	1431.8	-0.6	1.9	-2.3	-0.6	1.1	15395221	-1.2	
25	511.4	1431.9	-1.7	0	-2.1	-1	1	15742481	-1	
25	511.1	1432.3	-0.8	0.6	-2	0.2	1.1	16357422	-1.2	
25	510.8	1432.5	-1.1	0.7	-1.8	-0.6	1	16750000	-1.4	
25	510.5	1432.7	-0.6	0.8	-1.2	-0.6	0.9	16750000	-1.6	
25	510.2	1432.5	-2	-0.5	-1	-1.7	0.6	16357422	-1.4	
25	509.9	1432.6	-2.6	-1.5	-0.4	-2.1	0.4	15395221	-1.2	
25	509.6	1432.5	-2.1	-0.6	0.1	-1	0.1	14439655	-1.2	
25	509.3	1432.7	-2.3	-0.9	0.7	-1.4	0	13168239	-1.2	
25	509	1432.9	-2.2	-1.2	1	-0.7	-0.1	11829096	-1.3	
25	508.7	1433.4	-4.5	-3.7	1.3	-3.1	-0.2	10521357	-1.1	
25	508.4	1433.7	-3.2	-2.1	1.6	-1.5	-0.5	9431306	-1.4	
25	508.1	1433.4	-3.1	-1.8	1.3	-2.3	-0.8	8616255	-1.5	
25	507.8	1433.2	-2.5	-1.1	1.2	-1.3	-1	8083977	-2	
25	507.5	1433	-2.9	-1.9	1.1	-1	-0.9	7754630	-2.2	
25	507.2	1432.6	-3.9	-2	1.1	-1.9	-1.1	7586051	-2.2	
25	506.9	1432.3	-3.6	-1.4	0.8	-2.2	-1.3	7586051	-2.2	
25	506.6	1432.2	-3.9	-2.3	0.8	-3	-1.4	7697610	-2.2	
25	506.3	1432.3	-4.1	-3.1	0.4	-1.8	-1.3	7961027	-1.9	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
25	506	1432.8	-5.1	-3.5	0.3	-2.9	-0.8	8375000	-1.5	
25	505.7	1433.2	-4	-2.1	0.2	-1.8	-0.2	8909575	-1.4	
25	505.4	1433.4	-4.4	-2.5	-0.1	-3.4	0.6	9517046	-1.2	
25	505.1	1433.1	-5.5	-3.6	-0.7	-3.7	1	10017943	-0.6	
25	504.8	1432.8	-6.3	-4.9	-0.7	-3.7	1	10416667	-0.3	
25	504.5	1432.8	-4.9	-2.9	-1	-1.8	1.4	10521357	-0.4	
25	504.2	1432.7	-4	-1.8	-1.6	-1.5	1.7	10468750	-0.8	
25	503.9	1432.9	-4	-2.9	-1.9	-2.3	1.9	10213415	-1.3	
25	503.6	1432.9	-4.2	-3.2	-2	-1.9	1.7	9738372	-1.4	
25	503.3	1433	-4.1	-3	-2.1	-2.4	1.5	9143013	-1.5	
25	503	1432.7	-1.9	-1.2	-2.1	-0.6	1.1	8511179	-1.7	
25	502.7	1432.5	-1.8	-0.8	-1.9	-0.4	1	7841760	-1.8	
25	502.4	1432.4	-1.8	-1.3	-1.6	0.5	0.9	7244810	-2	
25	502.1	1432.5	-3.3	-2.8	-1.3	-1.3	0.7	6754032	-2	
25	501.8	1433.1	-2.7	-2.2	-0.6	-1.2	0.6	6344697	-1.8	
25	501.5	1433.4	-1.8	-1.7	-0.3	-0.3	0.5	6051301	-1.4	
25	501.2	1433.6	-2.3	-1.1	0	-0.4	0.4	5848464	-1.2	
25	500.9	1434	-2.4	-2.5	0.2	0.1	0.4	5799862	-1.1	
25	500.6	1434	-1.5	-0.9	0.4	-0.5	0.4	5848464	-1	
25	500.3	1433.7	-0.8	-0.6	0.4	0.1	0.4	5999284	-1	
25	500	1433.5	-2.4	-1.5	0.4	-1.5	0.5	6212908	-0.6	
25	499.7	1433.4	-3.1	-2.6	0.5	-0.2	0.4	6462192	-0.4	
25	499.4	1433.5	-2.6	-1.8	0.3	-0.3	0.3	6710737	-0.4	
25	499.1	1433.5	-1.7	-1.1	0.2	0.3	0.3	6932947	-0.3	
25	498.8	1433.4	-2	-0.3	0	0.1	0.3	7097458	-0.3	
25	498.5	1433.7	-3.1	-2.3	0.1	-0.5	0.4	7121599	-0.3	
25	498.2	1433.7	-2.1	-1	0.1	0.4	0.3	6979167	-0.2	
25	497.9	1433.3	-1.9	-1.3	0.1	-0.7	0.1	6710737	-0.6	
25	497.6	1432.8	-1.2	0.8	-0.2	0.9	0	6402905	-0.9	
25	497.3	1432.6	-3.2	-0.6	-0.2	-0.6	-0.1	6140030	-1	
25	497	1432.7	-2.7	-0.6	-0.3	-0.5	-0.2	5881320	-1.1	
25	496.7	1432.7	-2.7	-0.4	-0.3	-1.3	-0.2	5628360	-1.1	
25	496.4	1432.6	-2.5	-0.3	-0.5	-1.4	-0.2	5382391	-1.3	
25	496.1	1432.5	-3.4	1.1	-0.8	-1.4	-0.2	5157020	-1.2	
25	495.8	1432.6	-3.9	-0.7	-0.8	-2.5	-0.2	4997017	-1.2	
25	495.5	1432.5	-2.9	0.2	-0.7	-1.9	-0.2	4914906	-1.3	
25	495.2	1432.4	-3.5	-1	-0.7	-3.5	0	4903396	-1.3	
25	494.9	1432.4	-4.1	-1.2	-0.9	-2.1	0.1	4938090	-1.2	
25	494.6	1432.9	-3.9	0	-0.9	-2.8	0.4	4961493	-0.9	
25	494.3	1433	-3.3	0.3	-1	-2.1	0.5	5008972	-1	
25	494	1433.1	-2.7	1.2	-1.1	-1.6	0.8	5069613	-0.8	
25	493.7	1433.2	-3.2	0.9	-1.1	-1.8	1.1	5182550	-0.8	
25	493.4	1433.4	-3	2.1	-1.2	-1.3	1.5	5300633	-0.8	
25	493.1	1433.5	-2.7	1.3	-1.3	-2.4	1.9	5410207	-1.1	
25	492.8	1433.5	-1.4	3	-1.6	-1	2.5	5438312	-1.4	
25	492.5	1433.9	-3.3	2.2	-1.5	-3.2	2.9	5424223	-1.9	
25	492.2	1434.1	-1.3	5	-2.1	-0.8	3.1	5396263	-2.1	
25	491.9	1434.3	-1.6	3.3	-2.1	-2.4	3.1	5354860	-2.2	
25	491.6	1434.2	-1.3	2.7	-2.1	-1.8	2.7	5327608	-2.2	
25	491.3	1434	-1	3	-2	-1.3	2.2	5273930	-2.3	
25	491	1433.7	-1.1	3.1	-1.8	-0.9	1.4	5195410	-2.4	
25	490.7	1433.2	0	4.1	-1.6	-0.5	0.7	5131741	-2.4	
25	490.4	1432.8	-0.1	1.8	-1	-1	0	5094283	-2.4	
25	490.1	1432.7	0.1	1.9	-0.4	0.2	-0.6	5094283	-2.5	
25	489.8	1433.3	-1.3	0.5	0.7	-1.8	-0.9	5144349	-2.5	
25	489.5	1433.6	0.6	3.9	1.6	0	-1.1	5182550	-2.6	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
25	489.2	1434.1	-0.6	2.1	2.2	-1.1	-1	5221322	-2.4	
25	488.9	1434.3	-0.7	1.1	2.5	-1.3	-0.8	5247494	-2.1	
25	488.6	1434.8	-2.1	0.2	2.6	-2.4	-0.3	5273930	-1.4	
25	488.3	1434.7	-1	1.4	2.4	-1.7	0.1	5273930	-0.9	
25	488	1434.1	-1.6	-0.1	1.8	-2.1	0.4	5234375	-0.2	
25	487.7	1433.4	-1.8	-1	1.2	-2	0.5	5131741	0	
25	487.4	1432.8	-2.8	-0.4	0.3	-1.6	0.5	5008972	0.5	
25	487.1	1432	-2.4	0.7	-0.5	-2.3	0.4	4880536	0.7	
25	486.8	1431.5	-2.5	0.1	-1.3	-2	0.3	4747733	0.7	
25	486.5	1431.3	-2	-0.3	-1.6	-1.2	0.3	4632191	0.2	
25	486.2	1431.3	-1	1	-2	0.2	0.4	4541757	-0.6	
25	485.9	1431.3	-0.4	2.7	-2.2	-0.8	0.5	4483405	-1.6	
25	485.6	1430.9	0.8	2.9	-2.3	-0.5	0.5	4454788	-2.6	
25	485.3	1430.8	0.4	2.3	-2.6	-1.3	0.7	4445329	-2.9	
25	485	1430.7	-0.2	1	-2.6	-1.5	0.7	4464286	-3.3	
25	484.7	1430.6	0.6	3.8	-2.7	-1	0.8	4473825	-3.5	
25	484.4	1430.8	1	3.7	-2.6	-0.7	1	4473825	-3.8	
25	484.1	1430.9	-0.5	2.2	-2.5	-2.4	1.2	4454788	-3.5	
25	483.8	1430.9	-1.6	0.9	-2.4	-2.9	1	4426533	-3	
25	483.5	1431.2	-1.4	2	-2	-2.6	0.8	4407895	-2.4	
25	483.2	1431.4	-1	2.9	-1.5	-2	0.7	4407895	-1.8	
25	482.9	1431.9	-0.7	2.2	-0.9	-1.4	0.9	4435911	-1.1	
25	482.6	1432.5	-1.2	2.3	-0.4	-0.9	1.1	4512393	-0.8	
25	482.3	1433	-1.4	2.7	0.1	-1.2	1.1	4652778	-0.4	
25	482	1433.3	-1.7	2.2	0.4	-2.3	1	4880536	-0.1	
25	481.7	1433.2	-1.2	2.1	0.6	0	0.8	5208334	0.3	
25	481.4	1433.3	-2.3	0.4	0.7	-0.8	0.9	5628360	0.7	
25	481.1	1433.4	-2.1	1.1	0.6	0	1	6140030	1	
25	480.8	1433.5	-2.5	0.5	0.6	-1.4	0.9	6732315	0.7	
25	480.5	1433.1	-1.2	1.5	0.2	-0.5	0.7	7398410	0.6	
25	480.2	1432.9	-2	-0.6	-0.1	-1.3	0.4	8146887	0.4	
25	479.9	1433	-1.8	1.5	-0.1	-1.2	0.1	8909575	0	
25	479.6	1432.9	0.1	1.4	-0.5	0.4	0.1	9738372	-0.2	
25	479.3	1432.7	-1.3	0.3	-0.5	-1.8	0	10521357	-0.5	
25	479	1432.5	0	1.3	-0.9	-0.2	0.1	11256721	-0.7	
25	478.7	1432.4	-0.7	0.3	-0.9	-1.3	0.1	11896307	-0.9	
25	478.4	1432.6	0.2	1.3	-1	-0.6	0.4	12689394	-1.2	
25	478.1	1432.5	0.5	0.5	-0.9	-1.2	0.6	13335987	-1.3	
25	477.8	1432.7	0.7	0.8	-0.7	-0.7	0.9	13684641	-1.8	
25	477.5	1432.9	0.3	0.2	-0.6	-1.1	1	13508065	-2.1	
25	477.2	1433.3	0.8	2.1	-0.4	-2	1	13004659	-2.6	
25	476.9	1433.2	1.2	0.6	-0.5	-1.8	1	12102601	-3	
25	476.6	1433.2	1.3	1.9	-0.4	-1.6	0.9	10962042	-3.1	
25	476.3	1433.1	1.5	2.2	-0.3	-1.2	0.7	9922986	-3.5	
25	476	1432.9	1.7	3.8	-0.3	-1.6	0.4	8986052	-3.7	
25	475.7	1432.5	2	3	-0.4	-1.6	0.1	8243110	-4	
25	475.4	1432.1	1.1	2.7	-0.5	-2.4	-0.1	7613637	-3.8	
25	475.1	1432.1	0.5	2.3	-0.5	-2.4	-0.2	7170377	-4	
25	474.8	1432.4	0.4	3.2	-0.6	-2.2	0	6797890	-3.9	
25	474.5	1432.8	1.3	3.7	-0.5	-2.2	0.4	6482198	-3.7	
25	474.2	1432.9	-0.3	2.2	-0.5	-2.8	0.7	6306476	-3.2	
25	473.9	1433	-0.9	1.1	-0.6	-3.6	1.1	6212908	-2.7	
25	473.6	1433.1	-0.9	0.1	-0.6	-3	1.3	6140030	-2.6	
25	473.3	1433	-1.3	-0.9	-0.5	-3	1.5	6068841	-2.2	
25	473	1432.7	-1.3	-2.1	-0.6	-3	1.6	5982143	-2	
25	472.7	1432.6	-2.4	-2.8	-0.8	-2.7	1.7	5948154	-1.4	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
25	472.4	1432.7	-3.3	-3.1	-0.6	-3.9	1.5	5965100	-1.3	
25	472.1	1432.5	-1.5	-2.1	-0.5	-2.1	1	5999284	-1.1	
25	471.8	1432.3	-2.6	-3.6	-0.2	-3	0.4	6086483	-1.3	
25	471.5	1432	-1.4	-0.9	0.2	-1.3	-0.3	6158088	-1.4	
25	471.2	1431.9	-2.6	-1	0.6	-2.2	-0.9	6306476	-1.6	
25	470.9	1431.6	-2.9	-1.5	1.1	-2.4	-1.6	6542969	-1.9	
25	470.6	1431.4	-1.7	-0.7	1.3	-1.1	-2.1	6842320	-1.6	
25	470.3	1431.3	-2.8	-2.1	1.6	-1.9	-2.6	7195017	-1.6	
25	470	1431.2	-1.8	-0.6	1.5	0.3	-2.8	7531475	-1.3	
25	469.7	1431.3	-2.3	-0.9	1.8	-1.1	-2.9	7812500	-1	
25	469.4	1431.3	-1.5	0.2	1.5	0.7	-2.7	8052885	-0.5	
25	469.1	1431.3	-2.1	-0.9	1.3	-0.8	-2.3	8178711	0.3	
25	468.8	1431.4	-3.1	-0.8	1	0.4	-1.8	8178711	1.3	
25	468.5	1431.3	-3.6	-1.5	0.9	0	-1.4	8022031	2	
25	468.2	1431.8	-3.1	-0.6	0.8	0.4	-0.7	7812500	2	
25	467.9	1431.9	-2.6	-1.4	0.4	0.6	0	7558664	2	
25	467.6	1432.3	-3.5	-1.5	0.2	-0.7	0.7	7346491	1.8	
25	467.3	1432.3	-2.9	-1.1	-0.2	-0.1	1.1	7170377	1.8	
25	467	1432.6	-2.8	-2.9	-0.4	-1.4	1.6	7002509	1	
25	466.7	1432.5	-0.5	0.8	-0.9	0.4	2.1	6820033	0.4	
25	466.4	1432.4	-1.7	-1.7	-1.6	-1.6	2.3	6625791	-0.8	
25	466.1	1432.1	-0.2	0.5	-2.3	-0.2	2.6	6402905	-1.6	
25	465.8	1432	-1.3	-1.5	-2.7	-1.8	2.6	6194527	-2.2	
25	465.5	1431.8	0.3	-0.2	-3.2	-1.3	2.6	5982143	-3.2	
25	465.2	1431.6	-0.1	-0.8	-3.4	-1.5	2.4	5783840	-3.6	
25	464.9	1431.5	0.4	0.1	-3.4	-1.4	2.3	5583334	-4.2	
25	464.6	1431.5	0.7	-0.1	-3.8	-1.5	2.3	5396263	-4.5	
25	464.3	1431.3	1.2	0	-3.6	-2.8	1.9	5260679	-5	
25	464	1432	1.3	0	-2.6	-2.5	1.7	5169753	-5.2	
25	463.7	1432.3	0.5	-1	-1.9	-3.1	1.4	5131741	-4.6	
25	463.4	1432.4	-0.3	-2	-1.4	-2.8	1.2	5094283	-3.6	
25	463.1	1432.8	-0.6	-2.6	-0.9	-3.6	1.2	5094283	-3.1	
25	462.8	1432.9	-0.8	-1.9	-0.4	-3	1.1	5119193	-2.4	
25	462.5	1432.9	-1.9	-2.4	0	-3.5	1	5221322	-1.4	
25	462.2	1433.3	-1.8	-2.2	0.6	-3.5	0.9	5410207	-1.3	
25	461.9	1433.4	-1.6	-2.9	1.2	-3	0.5	5689538	-0.9	
25	461.6	1433.4	-1.1	-0.8	0.9	-2.4	0.4	6068841	-0.4	
25	461.3	1433.4	-1.8	-0.9	0.9	-2.6	0.1	6584120	0	
25	461	1433.3	-0.8	0.1	0.8	-1.3	-0.2	7219828	0.3	
25	460.7	1433.1	-0.6	0.7	0.7	-0.8	-0.5	7930871	0.3	
25	460.4	1432.8	-0.3	1	0.7	-0.2	-0.8	8723959	0.2	
25	460.1	1432.4	0	2.4	0.6	0.2	-0.9	9473982	-0.1	
25	459.8	1432.1	0.2	3.5	0.1	0.4	-0.9	9970238	0	
25	459.5	1432.2	-0.1	1.4	0	0	-0.7	10017943	0	
25	459.2	1432.3	0.5	3.1	-0.4	0.2	-0.4	9648618	-0.6	
25	458.9	1432.6	1.2	2.6	-0.9	0.3	0.1	8909575	-1.5	
25	458.6	1432.9	1.9	4.5	-1.3	0.1	0.6	7961027	-2.2	
25	458.3	1432.9	1.6	4.5	-1.8	-0.5	1.1	7049664	-2.5	
25	458	1432.8	1.1	2.8	-2.1	-1.4	1.5	6287538	-2.6	
25	457.7	1432.6	1.4	4.2	-2.1	-1.3	1.7	5628360	-2.8	
25	457.4	1432.4	1.4	3.2	-2	-1.4	1.7	5119193	-3.1	
25	457.1	1432.4	1.5	3.8	-1.9	-1.1	1.7	4705057	-3.3	
25	456.8	1432.8	0.5	2	-1.8	-1.8	1.8	4407895	-3.3	
25	456.5	1433.3	0.7	2.8	-1.4	-2	1.8	4212777	-3.4	
25	456.2	1433.9	0.1	3.2	-1	-2.5	1.8	4089356	-3.4	
25	455.9	1434.1	-0.2	3.4	-0.9	-2.6	1.5	4049807	-3.3	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
25	455.6	1434	0.1	3.2	-0.9	-1.7	1.3	4073444	-3.2	
25	455.3	1433.5	-0.2	2.4	-1.3	-2.2	1.1	4154266	-3.1	
25	455	1433.3	-0.8	2.7	-1.4	-2.3	1.1	4299282	-2.8	
25	454.7	1433.1	-1.2	1.7	-1.8	-2.6	1.3	4512393	-2.6	
25	454.4	1433.2	-2.6	0.2	-1.6	-3.3	1.4	4813219	-2.2	
25	454.1	1433.2	-2.5	-2	-1.4	-2.5	1.4	5157020	-2	
25	453.8	1433.3	-3.5	-1.8	-1.2	-2.9	1.4	5539021	-1.8	
25	453.5	1434	-3.5	-3.3	-0.6	-2.3	1.6	5897888	-1.9	
25	453.2	1434.5	-3.8	-2.5	0.1	-3.1	1.5	6212908	-1.8	
25	452.9	1434.8	-3.7	-4	0.8	-2.3	1.4	6542969	-1.6	
25	452.6	1434.8	-4	-3.9	1.5	-2.7	0.9	6842320	-1.6	
25	452.3	1434.7	-3.9	-4.3	2.3	-2.6	0.1	7097458	-1.9	
25	452	1433.9	-3.6	-4.3	2.3	-1.5	-0.9	7295296	-2	
25	451.7	1433.2	-4.7	-5.9	2.6	-2.6	-1.9	7346491	-2	
25	451.4	1432.3	-5	-6.3	2.4	-2.2	-3	7372359	-1.6	
25	451.1	1431.9	-6	-6.5	2	-2.5	-3.7	7320804	-1.1	
25	450.8	1431.8	-5.1	-4.8	2	-0.6	-4.2	7170377	-1	
25	450.5	1431.7	-5.8	-5.2	1.8	-1.4	-4.5	6910066	-1	
25	450.2	1431.5	-5	-4.2	1.4	-0.4	-4.5	6542969	-0.9	
25	449.9	1431.6	-5.2	-3.3	0.8	0	-3.9	6158088	-0.5	
25	449.6	1431.8	-5.5	-3.7	0.5	0	-3	5799862	-0.1	
25	449.3	1431.8	-5.8	-4.2	-0.1	0.2	-1.9	5481021	0.2	
25	449	1432.5	-5.2	-4.1	-0.2	1.3	-0.5	5208334	-0.2	
25	448.7	1433.2	-5.6	-3.8	-0.7	0.7	1	5008972	-0.6	
25	448.4	1433.6	-7.1	-6.3	-1	-1.7	2	4880536	-1	
25	448.1	1433.9	-7.2	-6.6	-1.4	-1.6	2.9	4835451	-1.4	
25	447.8	1434.5	-7	-6.7	-1.5	-2.1	3.9	4857889	-1.9	
25	447.5	1434.7	-7.4	-7.4	-1.8	-2.9	4.4	4949764	-2.2	
25	447.2	1434.7	-7.6	-7.8	-2	-3.4	4.7	5069613	-2.5	
25	446.9	1434.4	-6.9	-6.8	-2.1	-2.5	4.6	5234375	-2.7	
25	446.6	1434.1	-8.3	-8.8	-2.5	-4.3	4.3	5452474	-2.6	
25	446.3	1433.8	-7.9	-9.1	-2.6	-3.5	3.8	5689538	-2.5	
25	446	1433.4	-7.7	-9.6	-2.5	-3	3.1	5948154	-2.5	
25	445.7	1433	-8.2	-9.8	-2.3	-2.9	2.3	6140030	-2.5	
25	445.4	1432.8	-8.6	-9.7	-1.9	-3	1.6	6306476	-2.3	
25	445.1	1432.6	-8.1	-9.5	-1.2	-2.7	0.7	6422546	-2.3	
25	444.8	1432.3	-7.8	-9.2	-0.6	-2.4	0	6542969	-2.1	
25	444.5	1432.1	-8.4	-9.9	0	-3.2	-0.6	6710737	-2.3	
25	444.2	1432	-8	-8.5	0.3	-1.6	-1	6910066	-2.2	
25	443.9	1432	-8.2	-8.9	0.5	-2.6	-1.1	7145905	-2.2	
25	443.6	1432.1	-7.4	-7.5	0.4	-1.7	-0.9	7424646	-2.2	
25	443.3	1432.1	-8.4	-8.2	0.1	-2.2	-0.6	7900944	-2.1	
25	443	1431.8	-8.7	-8.8	-0.4	-2.2	-0.5	8476721	-2	
25	442.7	1431.5	-8.1	-7.9	-1.1	-2.1	-0.3	9103261	-2	
25	442.4	1431.1	-7.3	-6.5	-1.7	-1.6	-0.1	9604358	-2.1	
25	442.1	1431	-8.1	-6.9	-1.6	-2	0.1	9738372	-1.9	
25	441.8	1431.3	-8.8	-6.2	-1.3	-2.6	0.3	9389014	-1.9	
25	441.5	1431.4	-7.8	-5.3	-1	-1.4	0.3	8651860	-1.8	
25	441.2	1431.8	-8	-4.5	-0.6	-1.7	0.3	7697610	-1.5	
25	440.9	1432.1	-8.3	-4.8	-0.4	-1.1	0.4	6754032	-1	
25	440.6	1432.6	-8.5	-4.7	0.2	-1.5	0.6	5931303	-0.9	
25	440.3	1433.2	-7.9	-4.2	0.7	-0.8	0.9	5234375	-0.7	
25	440	1433.4	-7.8	-3.8	1.2	-1.6	1.1	4684005	-0.8	
25	439.7	1433	-7.6	-3.7	0.9	-1	1.2	4281698	-0.8	
25	439.4	1432.6	-8.2	-4.6	0.4	-1.5	1.4	3995706	-0.7	
25	439.1	1432.3	-8.2	-3.5	0	-1.7	1.6	3793026	-0.7	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
25	438.8	1432.1	-8.2	-3.2	-0.6	-1.8	1.7	3673246	-0.7	
25	438.5	1432	-8	-2	-1	-1.9	1.7	3628683	-0.9	
25	438.2	1431.8	-7	-1.9	-1.7	-1.5	1.5	3628683	-1.1	
25	437.9	1431.7	-7.4	-1.6	-2.1	-2.6	1.3	3666813	-1.2	
25	437.6	1431.2	-6.6	-1.6	-2.6	-1.7	0.9	3765738	-1.3	
25	437.3	1430.8	-6.6	-1.4	-2.8	-2.1	0.7	3913552	-1.5	
25	437	1430.2	-6	-0.5	-2.9	-2.1	0.4	4129685	-1.9	
25	436.7	1430	-6.6	-0.8	-2.7	-2.9	0.2	4426533	-1.9	
25	436.4	1430.2	-6.1	-0.9	-2.4	-2.2	0.2	4813219	-2	
25	436.1	1430.6	-5.7	-0.1	-2	-2	0.2	5300633	-1.9	
25	435.8	1431.4	-4.7	2.4	-1.1	-2.3	0.4	5864846	-2.1	
25	435.5	1431.9	-4.1	3.1	-0.5	-1.9	0.4	6502329	-2.2	
25	435.2	1432.4	-4.6	2.4	0.3	-3	0.5	7195017	-2.1	
25	434.9	1432.8	-4.3	3.1	0.8	-2.7	0.5	7841760	-2.1	
25	434.6	1432.8	-3.4	4.2	1.2	-1.8	0.5	8341634	-2.1	
25	434.3	1432.8	-3	3.9	1.2	-0.9	0.5	8580943	-2	
25	434	1432.7	-3.5	4.8	1	-1.6	0.4	8511179	-1.8	
25	433.7	1432.7	-3.1	4.8	0.9	-1.8	0.3	8210785	-1.7	
25	433.4	1432.4	-2.1	5.6	0.5	-1.1	-0.1	7783457	-1.4	
25	433.1	1432.3	-1.5	6.7	0.4	-0.9	-0.3	7346491	-1.3	
25	432.8	1432.1	-0.8	7.8	-0.1	0.3	-0.3	6910066	-1.1	
25	432.5	1432.1	-0.8	7.3	-0.2	0.6	-0.3	6563480	-1	
25	432.2	1432.1	-1.4	6.4	-0.4	0.3	-0.2	6325529	-0.4	
25	431.9	1432.1	-1.5	6.9	-0.7	0.2	-0.1	6176254	0	
25	431.6	1432.4	-1.4	6.6	-0.6	0.8	0	6140030	0.2	
25	431.3	1432.4	-0.3	7.9	-1	1.9	0	6176254	0.2	
25	431	1432.6	-0.1	7.3	-0.9	1.6	0.1	6287538	0	
25	430.7	1432.5	0.3	8.7	-1.1	1.5	0.1	6522586	-0.4	
25	430.4	1432.6	0.2	8.9	-1.2	0.5	0.2	6797890	-1.1	
25	430.1	1432.5	-0.4	7.7	-1.3	-0.4	0.2	7073480	-1.4	
25	429.8	1432.6	-0.7	6.6	-1.2	-0.5	0.3	7295296	-1.6	
25	429.5	1432.9	-0.4	7.7	-0.9	0	0.5	7398410	-1.9	
25	429.2	1433.4	-0.4	8.4	-0.7	-0.7	0.9	7477679	-2.6	
25	428.9	1434	-0.8	7	-0.3	-2.2	1.3	7558664	-3.2	
25	428.6	1434.4	-1.3	6.7	-0.1	-2.8	1.7	7669414	-3.2	
25	428.3	1434.7	-1.7	6.6	0.1	-3	2	7754630	-3.1	
25	428	1435	-1.9	6.6	0.2	-3.2	2.3	7812500	-2.7	
25	427.7	1435.1	-1.9	6	0.2	-3	2.4	7900944	-2.6	
25	427.4	1434.8	-2.3	5.5	0	-3.2	2.3	8022031	-2.5	
25	427.1	1434.6	-3.2	4.4	-0.1	-3.9	1.9	8210785	-2.4	
25	426.8	1434	-3.2	5	-0.4	-4	1.2	8408635	-2.2	
25	426.5	1433.5	-3.4	4.8	-0.6	-3.7	0.5	8616255	-2	
25	426.2	1433	-3.2	5	-0.7	-2.8	-0.2	8834388	-1.6	
25	425.9	1432.7	-3.9	4.1	-0.8	-3.2	-0.7	9103261	-1.2	
25	425.6	1432.4	-2.9	4.1	-0.8	-2	-1.2	9517046	-1.1	
25	425.3	1432.5	-2.5	4.9	-0.5	-1.4	-1.5	10066106	-1	
25	425	1432.5	-2.5	4.1	-0.3	-1	-1.7	10737180	-1	
25	424.7	1432.7	-2.9	3.7	-0.1	-1.1	-1.6	11379076	-0.6	
25	424.4	1433	-2.4	3.6	0.3	-0.9	-1.3	12033046	-0.6	
25	424.1	1433.3	-2.5	4.1	0.6	-0.7	-0.8	12537425	-0.3	
25	423.8	1433.4	-2.8	3.3	0.7	-1.2	-0.2	13004659	-0.4	
25	423.5	1433.7	-2.1	3.6	0.8	-0.1	0.5	13251582	-0.6	
25	423.2	1433.8	-2.2	2.5	1	-1	1	12845092	-0.6	
25	422.9	1434	-2.3	1.8	0.9	-1.2	1.3	12033046	-0.6	
25	422.6	1434.2	-2.7	1.9	1	-1.4	1.3	11078042	-0.5	
25	422.3	1434.2	-1.7	2.6	0.7	-0.2	1.1	10263481	-0.7	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
25	422	1433.9	-1.1	2.3	0.2	-0.1	0.9	9693287	-0.7	
25	421.7	1433.5	-0.9	2.1	0	-0.6	0.5	9347098	-0.9	
25	421.4	1432.7	-0.8	2.7	-0.4	-0.1	0.1	9103261	-1	
25	421.1	1432	-1.2	1.9	-0.6	-0.9	-0.3	8909575	-1.3	
25	420.8	1431.2	-0.7	1.4	-1	-0.5	-0.8	8871822	-1.5	
25	420.5	1431.1	-0.9	0.6	-1.3	-0.8	-0.7	8986052	-1.6	
25	420.2	1431.3	-1.1	-0.3	-1.6	-0.7	-0.3	9264381	-1.7	
25	419.9	1432	-1.4	-0.6	-1.5	-1.5	0.2	9604358	-2	
25	419.6	1432.6	-0.9	0.5	-1.6	-1.6	0.8	9876179	-2.3	
25	419.3	1432.7	0.1	1.6	-1.8	-1.8	1.1	10066106	-2.6	
25	419	1432.5	-0.6	0.8	-1.9	-2.4	1.3	10314040	-2.4	
25	418.7	1432.1	-1.1	-0.8	-2.1	-1.9	1.3	10628173	-1.8	
25	418.4	1432.1	-1.2	-1.1	-1.8	-1.6	1.4	11078042	-1.6	
25	418.1	1432.1	-1.2	-1.5	-1.5	-1.3	1.3	11631945	-1.6	
25	417.8	1432.2	-1.5	-1.7	-1.2	-1.6	1	12172965	-1.6	
25	417.5	1432.3	-2.1	-1.7	-0.8	-1.8	0.5	12689394	-1.4	
25	417.2	1432.9	-2.1	-1.4	-0.1	-2.2	0.1	13168239	-1.4	
25	416.9	1433.3	-0.6	-0.2	0.6	-1.2	-0.2	13684641	-1.6	
25	416.6	1433.5	-0.3	0.1	1	-0.9	-0.4	13958333	-1.9	
25	416.3	1433.7	-0.8	0	1.6	-1.2	-0.4	13865894	-2.1	
25	416	1433.7	-1.7	-0.4	1.7	-2.2	-0.5	13335987	-2.1	
25	415.7	1433.6	-2.2	-0.5	1.4	-2.7	-0.6	12612952	-1.9	
25	415.4	1433.4	-1.8	0.1	1.2	-2	-0.8	11829096	-1.7	
25	415.1	1433.3	-2.1	-0.2	0.8	-2.1	-0.8	11019737	-1.2	
25	414.8	1433.3	-1.8	0.5	0.4	-1	-0.6	10213415	-0.7	
25	414.5	1433.1	-2	1.2	0	-1.8	-0.5	9517046	-0.2	
25	414.2	1433.3	-2	1.2	0	-1.8	-0.2	8909575	0.2	
25	413.9	1433	-2.3	1.1	-0.2	-2	-0.2	8476721	0.7	
25	413.6	1433	-2.1	1.1	-0.3	-0.9	0	8275692	1	
25	413.3	1433.4	-1.5	2.4	-0.1	0	0.4	8341634	1.3	
25	413	1433.8	-1.5	1.4	0.1	-0.5	0.8	8687760	0.9	
25	412.7	1434.2	-0.3	2.2	0.2	0.3	1.2	9264381	0	
25	412.4	1434.2	-0.8	1.7	0.1	-1.7	1.2	10066106	-0.8	
25	412.1	1433.9	-0.1	2.8	0	-1.4	1	10962042	-1.4	
25	411.8	1433.5	0.3	2.7	-0.2	-1.1	0.7	11964286	-1.9	
25	411.5	1433.1	1.7	4.2	-0.6	0	0.6	12766768	-2.6	
25	411.2	1432.9	1.3	4.1	-0.7	-1.1	0.5	13168239	-3.1	
25	410.9	1432.6	1.8	3.9	-1.1	-1.6	0.2	12845092	-3.9	
25	410.6	1432.3	1.6	3.8	-1.1	-2.1	-0.2	11896307	-4.1	
25	410.3	1432.3	1	3.3	-1.2	-3	-0.5	10848446	-4.2	
25	410	1432.4	2.1	4.8	-1.1	-1.5	-0.6	10066106	-3.9	
25	409.7	1432.7	1.8	3.5	-1	-1.6	-0.3	9473982	-3.6	
25	409.4	1432.8	1.1	2.2	-0.9	-1.8	0.1	9183114	-2.9	
25	409.1	1433.1	0.5	1.4	-0.6	-2.8	0.4	9024785	-2.3	
25	408.8	1433.3	0.8	1.6	-0.6	-2.1	0.7	9024785	-1.9	
25	408.5	1433.5	0.5	1.7	-0.4	-2.6	0.9	9183114	-1.6	
25	408.2	1433.5	0.7	1.4	-0.2	-1.8	1.1	9604358	-1.3	
25	407.9	1433.8	0	0.9	-0.2	-1.4	1.5	10213415	-0.9	
25	407.6	1434	0.2	1.3	-0.2	-1.4	1.7	10904948	-0.8	
25	407.3	1434	-0.2	1.2	-0.3	-1.8	1.7	11631945	-0.7	
25	407	1433.7	-0.2	0.7	-0.3	-1.6	1.3	12462798	-0.9	
25	406.7	1433.6	0.3	0.2	-0.2	-0.6	0.9	13335987	-0.8	
25	406.4	1433.5	0.8	1.4	-0.2	-0.5	0.6	14243197	-1.1	
25	406.1	1433.4	1.2	2.3	-0.3	-0.2	0.4	15172102	-1.3	
25	405.8	1433	0.9	2.1	-0.5	-0.6	0.2	15861743	-1.3	
25	405.5	1432.6	0.1	1.3	-0.6	-1.3	-0.1	16105769	-1.2	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
25	405.2	1432.5	-0.4	1.1	-0.5	-1.6	-0.2	15509259	-1.2	
25	404.9	1432.5	0.1	2.2	-0.3	-1	-0.2	14340754	-1.3	
25	404.6	1432.6	0	2.1	-0.2	-1.1	-0.1	13168239	-1.4	
25	404.3	1432.7	-0.3	0.3	-0.3	-1.8	0.2	11896307	-1.5	
25	404	1432.9	-0.3	0	-0.4	-2.1	0.4	10737180	-1.5	
25	403.7	1433.1	-0.2	0.6	-0.4	-2.6	0.4	9693287	-1.6	
25	403.4	1433	-0.2	1.5	-0.4	-2.5	0.3	8871822	-1.6	
25	403.1	1432.7	0.4	2.6	-0.2	-1.6	0	8341634	-1.6	
25	402.8	1432.4	-0.2	1.6	-0.4	-1.9	-0.2	8083977	-1.6	
25	402.5	1432	-0.3	1.8	-0.5	-1.9	-0.5	8052885	-1.5	
25	402.2	1432.1	-0.3	1.5	-0.5	-2	-0.6	8115310	-1.5	
25	401.9	1432.1	-0.3	1.7	-0.3	-1.7	-0.7	8210785	-1.5	
25	401.6	1432.4	-0.2	1.8	-0.1	-1.5	-0.6	8308532	-1.6	
25	401.3	1432.8	0.5	2.8	0.1	-1.1	-0.4	8375000	-1.6	
25	401	1433.2	0.6	2.7	0.2	-1.1	0.1	8476721	-1.7	
25	400.7	1433.3	0.7	2.2	0.1	-1.6	0.5	8511179	-1.8	
25	400.4	1433.6	0.6	2.1	0.2	-1.6	1	8442541	-1.8	
25	400.1	1433.6	0.1	0.4	0.3	-1.7	1.2	8243110	-1.7	
25	399.8	1433.8	0.4	1.2	0.2	-1.2	1.5	7961027	-1.5	
25	399.5	1433.6	0.2	0.3	0.1	-1.7	1.5	7754630	-1.4	
25	399.2	1433.4	-0.2	-0.5	0	-2.2	1.5	7669414	-1.3	
25	398.9	1433.1	0.2	-1.5	-0.3	-1.6	1.3	7641424	-1.3	
25	398.6	1432.8	0.2	-1.1	-0.4	-2	0.9	7641424	-1.3	
25	398.3	1432.7	0.6	-1.2	-0.1	-2.1	0.4	7641424	-1.7	
25	398	1432.3	1.1	-0.5	-0.3	-1.9	0	7669414	-1.9	
25	397.7	1432.1	0.5	-0.5	-0.5	-2.3	-0.3	7783457	-2.1	
25	397.4	1432	0.4	-1.7	-0.5	-2.7	-0.7	7930871	-2.2	
25	397.1	1431.8	1.2	-0.6	-0.4	-2	-1.1	8083977	-2.3	
25	396.8	1431.5	1.5	0.4	-0.5	-1.4	-1.3	8146887	-2.3	
25	396.5	1431.4	0.6	0.1	-0.5	-2.3	-1.4	8115310	-2.2	
25	396.2	1431.4	1.3	0.5	-0.5	-1.2	-1.3	8052885	-2.1	
25	395.9	1431.6	1.4	0.9	-0.4	-1.6	-1.1	7961027	-1.9	
25	395.6	1431.6	1.6	0.9	-0.5	-1.2	-0.8	7871241	-1.6	
25	395.3	1432.1	1.4	1.4	-0.2	-0.7	-0.3	7726015	-1.2	
25	395	1432.6	1.4	1.2	-0.1	-0.4	0.3	7558664	-1.2	
25	394.7	1432.9	1.7	1.9	0	-0.8	0.7	7424646	-1.5	
25	394.4	1433.1	1.4	1.6	-0.1	-1.6	1.2	7295296	-1.9	
25	394.1	1433.5	1.3	1	0	-1.6	1.7	7244810	-2.2	
25	393.8	1433.7	0.7	-0.1	0	-2.7	1.9	7219828	-2.5	
25	393.5	1433.6	1.5	0.3	-0.2	-2.2	2	7145905	-2.8	
25	393.2	1433.5	1.3	0.4	0	-3.1	1.9	7002509	-3.1	
25	392.9	1433	1.4	1.3	-0.4	-3	1.6	6732315	-3.2	
25	392.6	1432.8	0.8	1.2	-0.3	-3.9	1.3	6402905	-3	
25	392.3	1432.6	0.8	0.7	-0.5	-3.3	1	6051301	-2.8	
25	392	1432.5	0.7	0.7	-0.4	-3.4	0.7	5783840	-2.5	
25	391.7	1432.2	0.8	1.1	-0.5	-2.8	0.4	5553714	-2.2	
25	391.4	1432.2	0.5	0.8	-0.6	-2.3	0.4	5410207	-1.7	
25	391.1	1432	0.4	0.6	-0.5	-2.7	0.2	5354860	-1.4	
25	390.8	1431.7	1.1	1.3	-0.6	-0.8	0.1	5410207	-1.2	
25	390.5	1431.4	1	0.6	-0.7	-1.7	0	5598262	-1.2	
25	390.2	1431.1	2.1	2.3	-1.3	0.3	0.1	5931303	-1.1	
25	389.9	1431.3	0.8	1.1	-1.3	-1.7	0.3	6363982	-1.1	
25	389.6	1431.3	1.9	2.2	-1.5	-0.1	0.4	6910066	-1.3	
25	389.3	1431.1	1.6	1.9	-1.6	-0.8	0.4	7477679	-1.4	
25	389	1431	1.5	1.7	-1.7	-1.1	0.5	8052885	-1.6	
25	388.7	1430.9	1.9	1.4	-1.9	-0.3	0.7	8511179	-1.7	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
25	388.4	1431	0.2	-0.4	-1.9	-2.6	0.9	8687760	-1.8	
25	388.1	1431.2	1.6	0.9	-1.8	-1	1	8580943	-2	
25	387.8	1431.7	0.6	0	-1.3	-3.1	1.1	8210785	-2.4	
25	387.5	1431.9	2.1	2	-1.5	-0.8	1.2	7726015	-2.4	
25	387.2	1432.2	0.7	0.3	-1.1	-3.4	1.2	7145905	-2.2	
25	386.9	1432.3	1.3	1.1	-0.8	-2.1	1.1	6522586	-2.2	
25	386.6	1432.2	1.5	1.7	-0.7	-1.8	1	5965100	-2.3	
25	386.3	1432.3	0.7	0.5	-0.4	-2.5	0.8	5466710	-2.3	
25	386	1432.4	1	0.8	-0.3	-1.3	0.7	5057367	-1.9	
25	385.7	1432.6	0.2	-0.4	-0.2	-2.8	0.5	4715653	-1.8	
25	385.4	1432.7	0.5	-0.6	-0.4	-1.6	0.4	4445329	-1.6	
25	385.1	1433.1	0.2	-0.3	-0.3	-2.8	0.4	4238361	-1.8	
25	384.8	1433	1.9	1.5	-0.4	-0.6	0.3	4097359	-2	
25	384.5	1432.9	0.8	-0.4	-0.5	-1.9	0.4	4011016	-1.9	
25	384.2	1432.7	0.6	-0.9	-0.6	-2.1	0.4	3980514	-1.7	
25	383.9	1432.9	-0.1	-0.7	-0.3	-2	0.5	4003346	-1.7	
25	383.6	1433.1	0.6	-0.7	0	-1.3	0.7	4065534	-1.8	
25	383.3	1433.4	0.8	-0.6	0.2	-1.3	0.9	4170817	-2	
25	383	1433.7	0.5	-1.1	0.4	-2	1.2	4299282	-2.1	
25	382.7	1434	0.3	-1.1	0.4	-1.9	1.4	4464286	-2.1	
25	382.4	1434.1	0.3	-1.1	0.4	-2.8	1.4	4642462	-2.1	
25	382.1	1433.8	0.2	-1.5	0.5	-2.3	1	4802179	-2	
25	381.8	1433.6	0.5	-0.9	0.5	-1.5	0.8	4938090	-1.8	
25	381.5	1433.1	-0.3	-1.6	0.2	-1.9	0.4	5020984	-1.5	
25	381.2	1432.4	-0.7	-1.4	-0.3	-2	0	5094283	-1.1	
25	380.9	1432	0.1	-1.4	-0.8	-1.5	-0.3	5131741	-1.2	
25	380.6	1431.5	0.3	-1	-1.1	-1.2	-0.8	5131741	-1.4	
25	380.3	1431.3	0.1	-1.3	-1.1	-1.3	-1.1	5081918	-1.6	
25	380	1431.5	0.2	-0.6	-0.9	-1.2	-1.2	4985119	-1.8	
25	379.7	1431.6	0.2	-0.6	-0.7	-1.3	-1.1	4891940	-2	
25	379.4	1431.9	-0.2	-0.9	-0.7	-2.2	-0.8	4824309	-2.2	
25	379.1	1432.1	0.4	-0.4	-0.7	-1.5	-0.5	4769363	-2.2	
25	378.8	1432.4	-0.1	-0.6	-0.7	-1.5	-0.1	4736991	-2.1	
25	378.5	1432.8	0	-0.4	-0.7	-1.6	0.4	4726298	-1.8	
25	378.2	1433	-0.3	-1.4	-0.8	-1.7	0.7	4726298	-1.5	
25	377.9	1433	-0.7	-1.7	-1.2	-1.6	1.1	4736991	-1.1	
25	377.6	1433.1	-1.1	-3.2	-1.6	-1.9	1.3	4780251	-0.7	
25	377.3	1433	-1.1	-1.9	-2	-1.3	1.5	4869186	-0.2	
25	377	1433.3	-0.8	-2.7	-2	-0.4	1.7	4997017	0	
25	376.7	1433.5	-0.3	-1.9	-1.8	-0.9	1.7	5157020	-0.2	
25	376.4	1434	-0.7	-2.2	-1.3	-1.5	1.8	5314087	-0.4	
25	376.1	1434.3	-0.5	-2.4	-1	-1.3	1.8	5452474	-0.6	
25	375.8	1434.7	-0.5	-0.7	-0.4	-1.6	1.9	5598262	-0.8	
25	375.5	1435	-0.4	-2	0.1	-1.4	1.9	5752061	-1.4	
25	375.2	1435.3	0	-0.6	0.5	-1.4	2	5914548	-1.8	
25	374.9	1435.4	-0.2	-2.3	0.7	-2	2	6068841	-2.4	
25	374.6	1435.3	-0.5	-1.2	0.5	-2.6	1.8	6176254	-2.5	
25	374.3	1435.1	0.4	-0.9	0.4	-1.9	1.6	6287538	-2.7	
25	374	1434.7	0.8	-0.7	-0.1	-1.4	1.4	6402905	-2.8	
25	373.7	1434.2	0.5	-0.2	-0.5	-2.1	1.1	6563480	-3	
25	373.4	1433.5	0.9	-0.1	-1	-1.6	0.7	6797890	-2.9	
25	373.1	1433.1	0	-0.2	-1.3	-2.6	0.4	7073480	-2.8	
25	372.8	1432.5	0.2	-0.3	-1.5	-2.8	-0.2	7424646	-2.8	
25	372.5	1432.4	0	-0.2	-1.5	-2.9	-0.5	7871241	-2.8	
25	372.2	1432.6	0	-1.9	-1.4	-2.2	-0.5	8408635	-2.5	
25	371.9	1432.7	-0.4	-1.2	-1.2	-3	-0.5	8947650	-2.4	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
25	371.6	1432.9	-0.5	-1.1	-1	-3.1	-0.3	9604358	-2.4	
25	371.3	1432.9	-0.2	-0.1	-0.9	-2.8	-0.2	10213415	-2.6	
25	371	1432.9	-0.2	-0.8	-0.7	-3	-0.1	10682398	-2.6	
25	370.7	1433	0	-0.8	-0.9	-2.2	0.1	10962042	-2.5	
25	370.4	1433.2	0.4	-0.1	-0.7	-1.9	0.4	10904948	-2.4	
25	370.1	1433.5	0.4	0.1	-0.9	-1.2	0.9	10628173	-2.2	
25	369.8	1433.7	0	-0.3	-1.1	-2	1.1	10314040	-2	
25	369.5	1433.7	-0.1	-0.3	-1	-1.7	1	10017943	-1.7	
25	369.2	1433.7	-0.4	-0.9	-0.9	-1.6	0.9	9829812	-1.4	
25	368.9	1433.8	-0.5	-0.2	-0.7	-1.9	0.8	9738372	-1.3	
25	368.6	1434	-0.5	0.2	-0.5	-1.4	0.8	9783879	-1.3	
25	368.3	1434.4	-0.6	-0.7	-0.2	-1.8	0.9	10066106	-1.4	
25	368	1434.6	-0.4	-0.7	-0.2	-1.9	0.9	10682398	-1.4	Transición Eje Central a Parque Venados 2
25	367.7	1434.6	-1.1	-1.2	-0.1	-3	0.7	11762641	-1.4	
25	367.4	1434.8	0	-0.2	0.3	-1.9	0.4	13335987	-1.8	
25	367.1	1434.8	0.2	0	0.6	-2.2	0.1	15509259	-2	
25	366.8	1434.6	0.1	0.3	0.8	-1.8	-0.2	18694197	-2.1	
25	366.5	1434.5	0.4	0	0.8	-2	-0.2		-2.2	
25	366.2	1434.5	-0.5	-0.4	0.8	-2.8	-0.2		-2.2	
25	365.9	1434.5	-0.3	-0.3	0.9	-2.5	-0.3		-2.2	
25	365.6	1434.6	-0.2	0.1	1	-2.3	-0.5		-2.2	
25	365.3	1434.5	0.6	1.3	0.9	-1.4	-0.6		-2.1	
25	365	1434.5	0.3	1.4	0.6	-2.5	-0.5		-2.1	
25	364.7	1434.4	1	2.1	0.3	-1.7	-0.3		-1.9	
25	364.4	1434.3	0	0.8	0.1	-2.7	-0.2		-1.8	
25	364.1	1434	1	1.3	0	-2	-0.2		-1.8	
25	363.8	1433.7	0.7	1.4	-0.2	-2	-0.3	-2E+07	-1.8	
25	363.5	1433.4	0.6	1.1	-0.2	-1.6	-0.4	-1.6E+07	-1.5	
25	363.2	1433.6	0.2	0.7	-0.2	-1.5	-0.3	-1.3E+07	-1.1	
25	362.9	1433.9	0.9	1.3	0	-1.1	-0.2	-1.1E+07	-1	
25	362.6	1434	1.4	1.4	0.1	-0.2	-0.2	-1E+07	-0.9	
25	362.3	1434.1	1.5	1.7	0.2	-0.6	-0.3	-9473982	-0.9	
25	362	1434.2	1.8	2.3	0.5	0	-0.5	-8909575	-0.8	
25	361.7	1434	2	1.6	0.7	0	-0.8	-8511179	-0.8	
25	361.4	1433.9	2.3	1.5	0.9	0.2	-0.9	-8243110	-0.8	
25	361.1	1433.6	1.8	1.3	0.8	-0.2	-0.9	-8083977	-0.8	
25	360.8	1433.6	1.4	0.5	0.6	-0.4	-0.8	-8052885	-0.9	
25	360.5	1433.7	1.5	1.5	0.7	-0.8	-0.7	-7991412	-1	
25	360.2	1433.8	1	0.8	0.7	-1.6	-0.6	-7812500	-1.1	
25	359.9	1434	1.4	1.4	0.9	-1.3	-0.6	-7398410	-1.2	
25	359.6	1434.2	1.9	1.9	0.8	-1.3	-0.5	-6910066	-1.6	
25	359.3	1434.3	1.5	1.9	0.9	-2.3	-0.4	-6462192	-1.6	
25	359	1434.1	1.9	2.4	0.6	-2.5	-0.3	-6033862	-1.7	
25	358.7	1434	1.7	1.9	0.7	-2.5	-0.2	-5613271	-1.7	
25	358.4	1433.9	1.5	1.7	0.6	-2.3	-0.2	-5208334	-1.8	
25	358.1	1433.5	1.7	1.7	0.5	-2.5	-0.5	-4824309	-1.8	
25	357.8	1433.4	1.6	1.2	0.6	-2.2	-0.7	-4483405	-1.7	
25	357.5	1433.4	1.6	1.2	0.4	-1.8	-0.8	-4212777	-1.4	
25	357.2	1433.5	1.5	1.5	0.2	-1.9	-0.7	-4003346	-1.1	
25	356.9	1433.6	2.4	2.5	0.1	-1.1	-0.6	-3834707	-1.2	
25	356.6	1433.6	3.1	3.5	0.1	-0.8	-0.5	-3705753	-1.3	
25	356.3	1433.5	3.3	3.8	0	-0.2	-0.4	-3579060	-1.3	
25	356	1433.4	2.7	3.2	0	-1	-0.3	-3466474	-1.3	
25	355.7	1433.4	3.4	4	0.2	-1	-0.2	-3382472	-1.4	
25	355.4	1433.3	3.3	3.7	0.1	-1.1	-0.1	-3328697	-1.4	
25	355.1	1433.6	2.6	3.7	0.3	-1.6	0	-3286892	-1.2	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
25	354.8	1433.8	2.7	2.7	0.7	-0.8	-0.1	-3246125	-0.8	
25	354.5	1433.9	3.2	3	1	-1.2	-0.3	-3201453	-0.7	
25	354.2	1433.9	3.3	3.2	1.4	-1.2	-0.7	-3148497	-0.3	
25	353.9	1433.8	2.8	2.4	1.7	-1.6	-1.2	-3092689	0	
25	353.6	1433.6	3.3	3.8	2	-0.5	-1.7	-3038825	0.4	
25	353.3	1433.4	4.3	4.6	1.9	-0.5	-2	-2982550	0	
25	353	1433.2	4.5	4.7	2	-0.4	-2.2	-2912031	-0.2	
25	352.7	1433.2	4.5	3.9	1.8	-0.1	-2.1	-2825574	-0.5	
25	352.4	1432.9	4	3.7	1.5	-0.9	-2.1	-2726238	-0.7	
25	352.1	1432.8	5.1	4.1	1.1	-1.1	-1.9	-2630340	-1.3	
25	351.8	1432.8	5.3	5.3	0.9	-1.5	-1.6	-2544047	-1.6	
25	351.5	1433.1	5.6	4.6	0.8	-0.9	-1.1	-2471960	-1.8	
25	351.2	1433.2	5.8	5.1	0.6	-1.1	-0.7	-2406610	-1.8	
25	350.9	1433.6	6.3	5.7	0.4	-1.6	-0.2	-2344626	-2	
25	350.6	1433.5	6.1	5.9	0.2	-2	-0.1	-2283261	-1.8	
25	350.3	1433.5	5.7	4.8	0.2	-2.3	-0.2	-2225027	-1.4	
25	350	1433.3	5.8	4.4	0.4	-1.9	-0.6	-2171941	-1.2	
25	349.7	1433.2	6.7	5.2	0.7	-1.4	-0.9	-2125635	-1.2	
25	349.4	1433.1	7.1	5.3	0.9	-0.9	-1.1	-2079196	-1	
25	349.1	1433	6.7	4.7	0.9	-1.1	-1.4	-2030796	-0.9	
25	348.8	1433	6.8	4.5	1.3	-1.2	-1.8	-1978971	-0.8	
25	348.5	1433.3	7.5	5.7	1.6	-1.3	-2.1	-1927947	-0.9	
25	348.2	1433.6	8.2	6.8	2	-0.6	-2.3	-1881178	-1	
25	347.9	1433.8	8.7	7.2	2.2	-0.2	-2.4	-1844715	-1.2	
25	347.6	1434	9	8	2.3	-0.2	-2.3	-1812771	-1.4	
25	347.3	1434	8.8	7.4	2.1	-1.1	-2.2	-1784954	-1.4	
25	347	1433.8	8.6	6.7	1.9	-1.6	-2.2	-1755030	-1.5	
25	346.7	1433.9	8.3	6.8	2	-1.8	-2.1	-1723252	-1.5	
25	346.4	1433.8	8.7	6.8	2	-1.8	-2.2	-1688509	-1.6	
25	346.1	1433.9	9.5	7.8	1.9	-1.4	-2.1	-1652527	-1.6	
25	345.8	1434.2	9.6	8.1	1.7	-1.8	-1.8	-1614303	-1.5	
25	345.5	1434.5	9.6	7.9	1.5	-2.1	-1.5	-1570706	-1.5	
25	345.2	1434.8	9.8	8.2	1.6	-2.2	-1.4	-1520517	-1.4	
25	344.9	1435	10.3	8.7	1.8	-1.6	-1.3	-1470331	-1.1	
25	344.6	1435.1	10.4	8.9	1.8	-1.6	-1.2	-1422386	-1	
25	344.3	1435	10.6	8.2	1.8	-1.5	-1.3	-1380192	-1	
25	344	1435.1	10.9	7.8	2	-1.6	-1.4	-1345599	-1	
25	343.7	1435	11.1	7.8	2	-2	-1.5	-1318484	-1.1	
25	343.4	1435.1	11.5	8.8	2.2	-2	-1.7	-1298048	-1.2	
25	343.1	1435.1	11.8	8.4	2.3	-1.8	-2	-1282151	-1.4	
25	342.8	1435.3	12.3	9	2.7	-2.1	-2.4	-1274347	-1.8	
25	342.5	1435.1	12.8	10.2	2.8	-2	-2.9	-1266638	-2.1	
25	342.2	1435.2	13.4	10.7	2.9	-2.1	-3.1	-1259779	-2.4	
25	341.9	1435.1	13.9	10.7	3	-2.5	-3.2	-1251496	-2.7	
25	341.6	1435.1	14.3	11	2.9	-2.1	-3.2	-1238174	-2.9	
25	341.3	1435.1	14.5	11.7	3.2	-2.6	-3.2	-1219425	-3	
25	341	1435.1	15	11.7	3.2	-2.3	-3.2	-1195064	-3.1	
25	340.7	1435.1	14.9	10.6	3.2	-2.2	-3.2	-1166436	-3	
25	340.4	1435.2	15.5	11	3.1	-1.9	-3.1	-1135441	-2.8	
25	340.1	1435.4	15.2	10.7	3.2	-2.2	-2.9	-1105466	-2.3	
25	339.8	1435.7	15.8	11.8	3.2	-2	-2.7	-1078698	-2	
25	339.5	1435.6	16.9	11.8	3.2	-0.8	-2.7	-1053196	-1.6	
25	339.2	1435.7	16.1	10.8	3.4	-1.4	-2.8	-1030898	-1.3	
25	338.9	1435.3	17.1	11.5	3.2	-0.8	-3	-1011964	-1	
25	338.6	1435	17	11.2	3	-0.6	-3	-997025	-0.4	
25	338.3	1435	16.4	10.1	2.9	-0.2	-2.9	-985760	-0.1	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
25	338	1435.1	16.9	10.8	2.9	-0.3	-2.7	-977020	0.2	
25	337.7	1435.2	17.4	11.7	3	0.2	-2.7	-969330	0	
25	337.4	1435.2	18.2	12.4	2.9	-0.2	-2.6	-961319	-0.1	
25	337.1	1435.2	18.3	11.6	3.1	0.2	-2.7	-953440	-0.2	
25	336.8	1435.2	18.2	11.1	3.1	0.1	-2.8	-945688	-0.4	
25	336.5	1435	19.2	12.5	3.2	-0.6	-3	-937222	-0.8	
25	336.2	1434.9	19.4	12.6	3.5	-0.6	-3.1	-928906	-1	
25	335.9	1434.8	18	10.5	3.5	-1.4	-3.3	-919119	-1	
25	335.6	1434.6	19.4	11.2	3.8	-0.9	-3.8	-906780	-1	
25	335.3	1434.4	19.2	10.5	4	-1.4	-4.5	-892478	-1.1	
25	335	1434.2	20.7	11.7	3.9	-0.3	-4.7	-877516	-1	
25	334.7	1434	18.9	10.1	3.9	-2.3	-4.9	-861982	-0.9	
25	334.4	1434.1	19.3	10.7	3.9	-1.6	-4.8	-845620	-0.9	
25	334.1	1434.2	20.9	12.6	3.9	-1.1	-4.6	-829867	-1	
25	333.8	1434.1	20.9	12.2	3.6	-1.6	-4.4	-814374	-1	
25	333.5	1434.2	20.5	11	3.5	-1	-4.2	-799754	-1.1	
25	333.2	1434	21.6	12	3.2	-1.1	-4	-786239	-1.2	
25	332.9	1434.7	21.6	12	3	-0.9	-3.2	-774604	-1.4	
25	332.6	1434.8	21.8	12	3	-2.2	-3.1	-764703	-1.4	
25	332.3	1434.7	22.3	12	2.8	-0.4	-3	-756962	-1.3	
25	332	1434.8	21.7	11.3	2.9	-1.3	-3	-750181	-1.3	
25	331.7	1434.8	22.7	12.1	3.1	-0.9	-3.4	-743785	-1.3	
25	331.4	1434.8	23.5	12.6	3.6	-0.3	-3.7	-737498	-1.1	
25	331.1	1434.9	22.8	11.7	4.3	-0.8	-4.2	-731315	-1	
25	330.8	1435.1	23.7	12.2	5.1	-0.5	-4.5	-725236	-1	
25	330.5	1435.3	23	11.2	5.7	-1.6	-5	-719257	-1	
25	330.2	1435.6	24.4	12.1	6.2	0.6	-5.2	-712404	-0.9	
25	329.9	1435.9	23.9	11.1	6.8	-1	-5.3	-704494	-1.1	
25	329.6	1435.7	24.2	10.8	6.9	-0.5	-5.6	-695600	-1.3	
25	329.3	1436	23.8	9.9	7.1	-1.8	-5.4	-686478	-1.4	
25	329	1435.7	24.5	10.2	6.7	-1.4	-5.2	-677591	-1.7	
25	328.7	1435.4	24.8	10.3	6.1	-1.2	-4.9	-669146	-2	
25	328.4	1435	24.8	9.8	5.2	-2.2	-4.5	-660700	-2.3	
25	328.1	1434.6	25.5	10.6	4.4	-1.5	-4.2	-652058	-2.5	
25	327.8	1434.3	24.1	8.6	3.8	-4.1	-4.1	-643244	-2.4	
25	327.5	1434.1	25.3	10.1	3.4	-2.2	-4.1	-635049	-2.3	
25	327.2	1433.9	25	9.2	3.1	-2.9	-4	-627437	-2.2	
25	326.9	1433.8	25.6	8.7	2.9	-2.6	-4	-620557	-2.1	
25	326.6	1433.6	24.9	8.8	2.9	-3.1	-4.1	-614366	-1.6	
25	326.3	1433.6	25.2	8.1	3.2	-2.7	-4.2	-608651	-1.4	
25	326	1433.4	25.7	8.7	3.5	-2	-4.5	-603041	-1.2	
25	325.7	1433.5	26	9.6	4.4	-2.6	-4.9	-598046	-1.2	
25	325.4	1433.6	27.2	10.3	4.9	-0.4	-5.2	-593974	-1.2	
25	325.1	1433.7	26.5	9.1	5.3	-2.3	-5.4	-590957	-1.2	
25	324.8	1433.9	27.2	9	5.6	-0.9	-5.6	-587804	-1.3	
25	324.5	1433.8	28.5	10.2	5.9	-1.6	-5.9	-584522	-1.4	
25	324.2	1433.9	28.2	10	6.3	-0.6	-6	-580632	-1.4	
25	323.9	1433.7	28.3	9.1	6.4	-0.8	-6.2	-576158	-1.4	
25	323.6	1433.7	28.3	8.9	6.5	-1.2	-6.2	-571285	-1.4	
25	323.3	1433.5	29.3	11.3	6.3	-1	-6.2	-566034	-1.4	
25	323	1433.5	28.7	9.3	6.1	-2.1	-6	-560278	-1.4	
25	322.7	1433.5	29.9	10.7	6.1	-0.5	-5.9	-553319	-1.5	
25	322.4	1433.8	28.6	7.9	6.2	-2.4	-5.7	-546389	-1.7	
25	322.1	1433.7	31.8	12.9	6.1	-0.4	-5.6	-539351	-1.9	
25	321.8	1433.6	30	10.7	5.9	-2.5	-5.6	-532493	-1.8	
25	321.5	1433.5	30.2	9.3	5.9	-2.2	-5.6	-526468	-1.7	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
25	321.2	1433.5	30.6	9.7	5.9	-1.8	-5.6	-521096	-1.7	
25	320.9	1433.3	31.7	11.2	5.8	-1.4	-5.6	-516468	-1.8	
25	320.6	1433.2	31.5	9.9	5.7	-1.4	-5.6	-512298	-1.6	
25	320.3	1432.9	31.3	9.7	5.7	-2.3	-5.9	-508812	-1.4	
25	320	1432.7	31.5	9.7	5.6	-1.2	-6.2	-505618	-1.2	
25	319.7	1432.7	32.1	9.8	5.8	-2.2	-6.5	-502704	-1.1	
25	319.4	1432.7	33.2	11.5	6	-0.3	-6.7	-500302	-1.1	
25	319.1	1432.7	33.2	10.5	6	-0.6	-6.8	-497686	-1	
25	318.8	1432.8	33.1	9.6	6.2	-1	-6.9	-494863	-0.9	
25	318.5	1432.8	33.4	10.6	6.3	-1.2	-7	-491725	-0.9	
25	318.2	1432.7	33.9	10.2	6.3	-0.7	-7.1	-487943	-0.9	
25	317.9	1432.7	34.5	11.5	6.4	-0.2	-7.1	-483884	-1	
25	317.6	1432.8	34.5	10.1	6.3	-0.4	-6.9	-479671	-1	
25	317.3	1433.1	34.6	10.7	6.4	-0.4	-6.6	-475208	-1	
25	317	1433.2	34.9	10.7	6.4	-1.1	-6.4	-470298	-1.1	
25	316.7	1433.4	35.5	11.7	6.4	-0.8	-6.2	-465074	-1.2	
25	316.4	1433.5	35.7	11.2	6.2	-0.7	-6.2	-459764	-1.3	
25	316.1	1433.7	35.7	10.9	6.5	-1.2	-6.3	-454278	-1.3	
25	315.8	1433.9	35.9	11.1	6.5	-1.3	-6.2	-448921	-1.4	
25	315.5	1433.9	36.2	10.7	6.4	-1.6	-6.2	-443689	-1.4	
25	315.2	1434	36.2	12.1	6.5	-1.7	-6.3	-438669	-1.4	
25	314.9	1433.8	35.8	10.5	6.4	-2	-6.6	-433762	-1.3	
25	314.6	1433.8	36.6	11.6	6.6	-1.5	-6.9	-428963	-1.3	
25	314.3	1433.8	37	11.4	6.8	-1.8	-7.2	-424441	-1.2	
25	314	1434.1	37.2	12.3	7.2	-1.5	-7.4	-420098	-1.1	
25	313.7	1434.3	37.9	12.7	7.4	-1.2	-7.5	-416008	-1.1	
25	313.4	1434.6	37.8	12.1	7.7	-1.2	-7.6	-412078	-1	
25	313.1	1434.8	38.4	12.4	8.1	-0.9	-7.8	-408381	-1	
25	312.8	1434.8	38.5	11.3	8.1	-0.7	-7.9	-404906	-0.9	
25	312.5	1435	38.4	11.9	8.4	-0.3	-7.9	-401798	-0.8	
25	312.2	1435	38.8	11.6	8.5	-0.6	-8	-399041	-0.9	
25	311.9	1434.9	39.7	11.2	8.4	0.3	-8	-396773	-0.9	
25	311.6	1435.1	39.5	11.3	8.4	0.4	-7.9	-394977	-0.9	
25	311.3	1435.1	40.2	11.9	8.1	0.2	-7.8	-393640	-0.9	
25	311	1435.1	40.2	11.9	7.9	-0.1	-7.8	-392533	-0.8	
25	310.7	1435.1	40.4	11.1	7.9	-0.1	-7.8	-391579	-0.5	
25	310.4	1435.1	40.4	11.7	7.9	0.2	-7.8	-390556	-0.2	
25	310.1	1435.2	39.9	10	7.9	0.5	-7.8	-389611	0	
25	309.8	1435.3	40.3	11.7	7.8	0.2	-7.7	-388671	0.1	
25	309.5	1435.3	40.1	8.3	7.6	0	-7.6	-387592	0.6	
25	309.2	1435.2	39.3	9.3	7.4	-1	-7.6	-386234	0.7	
25	308.9	1435.3	40.4	10.2	7.5	-0.7	-7.6	-384531	0.7	
25	308.6	1435.3	41.3	10.7	7.5	0.1	-7.6	-382564	0.2	
25	308.3	1435.1	41.7	10	7.4	0	-7.8	-380340	-0.1	
25	308	1435.1	41.6	10.1	7.5	-0.6	-7.8	-377937	-0.2	
25	307.7	1435.3	40.5	9.2	7.7	-1.5	-7.9	-375228	-0.3	
25	307.4	1435.4	41.5	10	8	-1.1	-8.2	-372160	-0.6	
25	307.1	1435.6	41.6	9.5	8.4	-1.5	-8.6	-368882	-0.9	
25	306.8	1435.7	42.5	9.3	9	-0.9	-9	-365469	-1.1	
25	306.5	1435.7	43.3	10.1	9.4	-1.2	-9.3	-361994	-1.3	
25	306.2	1435.7	42.6	9.5	9.9	-1.9	-9.7	-358769	-1.3	
25	305.9	1435.8	42.8	9.4	10.5	-2.6	-10	-355782	-1.3	
25	305.6	1435.7	43.7	9.8	10.9	-1.6	-10.4	-353082	-1.5	
25	305.3	1435.8	43.5	9	11	-1.6	-10.6	-350834	-1.5	
25	305	1436	43.8	9.3	11.3	-2	-10.8	-349079	-1.6	
25	304.7	1436.2	44.2	9.6	11.2	-1.2	-11	-347746	-1.5	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
25	304.4	1436.3	45.3	10.4	11.1	-1.5	-11.1	-346767	-1.8	
25	304.1	1436	45.9	10.4	10.6	-1.5	-11.1	-346079	-1.9	
25	303.8	1435.8	45.1	9.4	10	-2.1	-11.1	-345508	-2.2	
25	303.5	1435.4	46.5	10.8	9.4	-1.2	-11	-344882	-2.5	
25	303.2	1435.3	46	10.1	9.1	-2.4	-10.8	-344145	-2.8	
25	302.9	1435.4	46.7	10.5	8.9	-1.6	-10.4	-343299	-3	
25	302.6	1435.7	46.8	10.6	8.6	-2	-9.9	-342121	-3.1	
25	302.3	1436.3	46.3	10.5	8.6	-3.2	-9.3	-340618	-3.3	
25	302	1436.9	47.5	10.9	8.8	-2.9	-8.6	-338854	-3.5	
25	301.7	1437.4	47.8	10.8	9.1	-3.2	-8	-336945	-3.7	
25	301.4	1438	47.5	10.3	9.5	-3.4	-7.4	-334844	-3.8	
25	301.1	1438.2	47.7	9.8	9.8	-4	-7.1	-332557	-4	
25	300.8	1438.2	47.6	9.8	9.6	-3.8	-6.9	-330145	-4.1	
25	300.5	1438.1	47.2	8.8	9.6	-4.7	-7	-327614	-3.9	
25	300.2	1437.9	47.6	9.1	9.6	-4.4	-7.2	-325071	-3.8	
25	299.9	1437.7	48.1	9.7	9.4	-3.8	-7.5	-322617	-3.8	
25	299.6	1437.2	48.6	9.8	9.2	-3.9	-8	-320248	-3.4	
25	299.3	1436.6	48.8	9.1	9.1	-3.5	-8.6	-318011	-2.7	
25	299	1436	49.1	9.6	9	-2.2	-9.2	-315947	-2.2	
25	298.7	1435.7	48.9	8.7	8.9	-1.7	-9.7	-314052	-1.1	
25	298.4	1435.6	48.5	8.3	9.3	-0.7	-10.2	-312365	0.3	
25	298.1	1435.6	49.3	8.9	9.7	0.3	-10.6	-310881	1.1	
25	297.8	1435.4	49.6	9.2	10.1	1.4	-11.1	-309502	1.8	
25	297.5	1435.3	50	10.1	10.5	2	-11.5	-308272	2.5	
25	297.2	1435.2	50.6	10.3	10.9	3.3	-11.6	-307097	2.8	
25	296.9	1434.8	51.4	11.3	11.2	3.6	-11.7	-306064	3	
25	296.6	1434.5	50.8	11.5	11.3	3.2	-11.7	-305128	2.9	
25	296.3	1434.8	51.4	11	11.5	3.9	-11.4	-304241	2.8	
25	296	1434.8	51.4	10.1	11.4	3.2	-11.2	-303403	2.3	
25	295.7	1434.9	52.9	11.2	11	3.1	-10.7	-302658	1.5	
25	295.4	1434.9	52.4	10.8	10.5	1.8	-10	-302046	1	
25	295.1	1434.8	53	12.5	9.7	1.2	-9.3	-301438	-0.1	
25	294.8	1434.5	51.7	10.2	9	-1.9	-8.9	-300918	-0.6	
25	294.5	1434.1	52.9	11.3	8.6	-1.1	-8.6	-300443	-1.1	
25	294.2	1433.8	52	9.5	8.1	-1.2	-8.4	-300055	-1.2	
25	293.9	1433.7	51.8	8.5	7.7	-1.9	-8.4	-299712	-1.4	
25	293.6	1433.6	52.6	10	7.6	-1.8	-8.6	-299369	-1.6	
25	293.3	1433.6	53.3	10.5	7.9	-2.8	-8.9	-298942	-1.7	
25	293	1433.4	53.6	9.9	8.1	-1.7	-9.3	-298345	-1.8	
25	292.7	1433.5	53.5	10	9	-3	-10	-297540	-1.9	
25	292.4	1433.5	55.3	11.5	9.7	-0.3	-10.6	-296486	-1.9	
25	292.1	1433.5	54.3	10.1	10.5	-1.9	-11.2	-295149	-1.7	
25	291.8	1433.6	53.3	8	11	-1.5	-11.5	-293535	-0.9	
25	291.5	1434	53.3	7.4	11.7	-1	-11.8	-291695	-0.7	
25	291.2	1434.3	54.2	9.1	12.1	-1	-12.1	-289678	-0.7	
25	290.9	1434.3	55.9	9.4	12.4	-0.2	-12.4	-287727	-0.7	
25	290.6	1434.3	54.6	8.6	12.8	-1.5	-12.7	-285881	-0.6	
25	290.3	1434.3	56.2	9.5	13.1	-0.3	-12.8	-284328	-0.6	
25	290	1434.3	55.7	8.9	13	-1.7	-12.7	-283059	-0.6	
25	289.7	1434.3	56	9.7	13	-0.8	-12.5	-281992	-0.6	
25	289.4	1434.4	55.7	8.2	13.1	-1.9	-12.2	-281197	-0.3	
25	289.1	1434.6	55.4	7.6	13	-1.9	-11.9	-280669	-0.3	
25	288.8	1434.9	56.5	9	12.8	-1.4	-11.6	-280406	-0.4	
25	288.5	1435	57.6	9.9	12.7	-1.3	-11.2	-280331	-0.4	
25	288.2	1434.9	57.3	9.7	12.4	-2	-11	-280331	-0.4	
25	287.9	1434.5	58.3	11.1	11.8	-1.3	-10.8	-280331	-0.4	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
25	287.6	1434.4	58.2	10.6	11.6	-0.5	-10.6	-280368	-0.5	
25	287.3	1434	58.2	10.1	11.4	-2	-10.8	-280406	-0.9	
25	287	1433.5	61.4	12.8	10.9	1.7	-10.9	-280406	-1.2	
25	286.7	1433	60.7	11.9	10.4	0.6	-11.1	-280331	-0.8	
25	286.4	1433.1	60.8	11.7	10.4	1.6	-11.3	-280143	-0.6	
25	286.1	1432.8	61	12.1	10.3	0.2	-11.6	-279657	-0.8	
25	285.8	1432.7	63.2	14.7	10.2	3.2	-11.7	-278912	-1	
25	285.5	1432.6	62.2	12.9	10.3	1.4	-11.8	-277839	-1	
25	285.2	1432.6	60.8	11.2	10.5	-0.7	-12	-276445	-1.1	
25	284.9	1432.5	62.7	12.7	10.6	1.9	-12	-274776	-1.3	
25	284.6	1432.7	61.3	10.7	11.2	-1.7	-12.1	-273020	-1.3	
25	284.3	1432.8	63.2	11.8	11.3	0.8	-12	-271252	-1	
25	284	1433	60.7	9.9	11.3	-1.4	-11.9	-269506	-0.6	
25	283.7	1433.3	62.5	11.1	11.5	0	-11.9	-267920	-0.7	
25	283.4	1433.5	60.7	9.3	11.6	-3.2	-12	-266590	-0.3	
25	283.1	1433.8	61.3	8.4	12	-1.8	-12.2	-265542	-0.4	
25	282.8	1433.8	62.6	10.2	11.9	0	-12.3	-264803	-0.2	
25	282.5	1433.8	60.9	7.9	12.1	-2.6	-12.4	-264402	-0.2	
25	282.2	1433.7	62.1	10.4	12	-0.4	-12.5	-264235	-0.3	
25	281.9	1434	62.2	9.3	12.3	-1.1	-12.5	-264268	-0.5	
25	281.6	1434.2	62.1	10.1	12.6	-0.6	-12.5	-264402	-0.7	
25	281.3	1434.6	62.6	10.8	12.9	-1.2	-12.4	-264602	-1.3	
25	281	1435.1	64.1	11.5	13.2	1	-12	-264803	-1.7	
25	280.7	1435.5	63.2	9.9	13.4	-0.4	-11.6	-265004	-2.3	
25	280.4	1435.8	64.1	10.5	13.2	-0.7	-11	-265172	-2.7	
25	280.1	1435.7	63.8	10.3	12.8	-0.6	-10.5	-265273	-3.1	
25	279.8	1435.8	63.2	7.9	12.8	-1.5	-10.3	-265306	-3	
25	279.5	1435.6	62.4	8.1	12.2	-2.3	-10.1	-265273	-3	
25	279.2	1435.2	63.3	10	11.6	-1	-10	-265138	-2.9	
25	278.9	1434.8	62.4	9.1	10.7	-2.3	-9.9	-264903	-2.7	
25	278.6	1434.3	62	7.8	10	-3.2	-9.9	-264569	-2.4	
25	278.3	1433.7	61.4	5.5	9.5	-3.1	-10.2	-264102	-2.1	
25	278	1433.3	61.5	6.9	9.5	-3.4	-10.6	-263636	-1.9	
25	277.7	1432.9	61.7	5.5	9.6	-2.6	-11	-263139	-1.5	
25	277.4	1432.8	61.3	5.6	9.9	-2.3	-11.4	-262611	-1.3	
25	277.1	1432.9	61.2	5.2	10.2	-1.8	-11.6	-262184	-1.1	
25	276.8	1433.1	60.7	5	10.8	-2.5	-11.9	-261823	-1	
25	276.5	1433.4	61.4	6	11.5	-1.5	-12.2	-261561	-1.1	
25	276.2	1433.3	61.5	5	12	-1.6	-12.7	-261398	-1.1	
25	275.9	1433.2	61.6	4	12.7	-1.1	-13.2	-261333	-1.2	
25	275.6	1432.9	61.9	4.6	12.9	-0.8	-13.6	-261333	-1.2	
25	275.3	1432.9	61.9	3.6	13.2	-0.7	-13.8	-261365	-1.2	
25	275	1432.8	61.5	3.3	13.2	-0.6	-13.9	-261431	-1.1	
25	274.7	1433	61.3	3.1	13.3	-0.7	-13.8	-261431	-1.2	
25	274.4	1433.2	61.2	-0.2	13.2	-0.5	-13.6	-261398	-1.3	
25	274.1	1433.4	61.2	0.5	13.1	-1	-13.4	-261300	-1.5	
25	273.8	1433.6	61.9	1.1	13	-0.7	-13	-261170	-1.7	
25	273.5	1433.7	61.6	0.6	12.8	-1.3	-12.5	-261105	-1.9	
25	273.2	1433.9	61.5	-1.7	12.7	-1.8	-12	-260974	-2	
25	272.9	1434.2	61	-1.2	12.5	-2.3	-11.5	-260942	-2.1	
25	272.6	1434.2	60.8	0	12.2	-2.6	-11.2	-261007	-2.1	
25	272.3	1434.2	60.4	-2.3	11.9	-2.5	-11.1	-261202	-2	
25	272	1434.1	60.1	-1.2	11.6	-2.6	-11.1	-261463	-1.7	
25	271.7	1433.9	60	-3.2	11.2	-2.6	-11.1	-261790	-1.6	
25	271.4	1433.8	60.2	-0.5	11.1	-2.7	-11.2	-262151	-1.5	
25	271.1	1433.6	60.4	-2.1	11.1	-2.2	-11.5	-262381	-1.5	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
25	270.8	1433.5	60.8	0.1	11.3	-1.8	-11.8	-262512	-1.6	
25	270.5	1433.6	60.6	-0.7	11.5	-2	-12.2	-262512	-1.6	
25	270.2	1433.6	61	-1.6	11.8	-1.8	-12.5	-262184	-1.7	
25	269.9	1433.8	60.6	-0.3	12.1	-2	-12.6	-261594	-1.7	
25	269.6	1434.1	60.7	-1.4	12.4	-1.8	-12.6	-260877	-1.8	
25	269.3	1434.2	60.8	-1.4	12.6	-1.6	-12.6	-260035	-1.9	
25	269	1434.2	60.9	-1.2	12.6	-1.7	-12.6	-259069	-2.1	
25	268.7	1434.2	60.6	-2	12.7	-2.2	-12.6	-258016	-2.2	
25	268.4	1434.2	60.6	-3.5	12.7	-2.7	-12.6	-257003	-2.2	
25	268.1	1434.4	60.9	-2.3	12.7	-2.2	-12.4	-256122	-2.2	
25	267.8	1434.3	61.5	-2.6	12.6	-2.2	-12.3	-255497	-2.4	
25	267.5	1434.3	61.4	-2.4	12.4	-1.5	-12.2	-255062	-2.2	
25	267.2	1434.4	61.2	-2	12.4	-1.6	-12.1	-254813	-1.8	
25	266.9	1434.5	61.1	-1.3	12.4	-1.1	-12	-254720	-1.4	
25	266.6	1434.6	60.8	-2.5	12.5	-1.5	-11.9	-254782	-1	
25	266.3	1434.7	60.7	-1.7	12.6	-0.6	-11.8	-254999	-0.8	
25	266	1434.7	61.4	-0.6	12.6	-0.2	-11.8	-255435	-0.8	
25	265.7	1434.6	61.1	-0.3	12.2	0.9	-11.7	-256028	-0.7	
25	265.4	1434.5	61.7	0.2	12.1	-0.8	-11.7	-256687	-0.7	
25	265.1	1434.4	60.8	-0.9	12.1	-0.4	-11.8	-257318	-0.6	
25	264.8	1434.2	61.3	0	11.9	0	-12	-257952	-0.6	
25	264.5	1434	60.7	-0.5	11.8	-0.2	-12.2	-258526	-0.5	
25	264.2	1433.8	61.6	0.9	11.7	0.3	-12.3	-259037	-0.8	
25	263.9	1433.7	60.5	-0.9	11.5	-0.3	-12.3	-259551	-0.6	
25	263.6	1433.7	61	-0.5	11.4	0	-12.1	-259938	-0.6	
25	263.3	1433.8	58.1	-3.5	11.6	-2.4	-12.4	-260131	-0.4	
25	263	1433.9	62.1	0.2	11.6	0.9	-12.3	-260164	-0.4	
25	262.7	1434	59.8	-2.1	11.8	-0.8	-12.1	-260067	-0.4	
25	262.4	1434.2	60.1	-1.4	12	-0.8	-11.8	-259905	-0.4	
25	262.1	1434.2	59.8	-1.5	11.8	-0.9	-11.7	-259744	-0.6	
25	261.8	1434.2	60.3	-0.9	11.6	-1.6	-11.5	-259551	-0.9	
25	261.5	1434.3	59.6	-1.6	11.6	-1.6	-11.4	-259294	-1.1	
25	261.2	1434.1	59.4	-2.5	11.6	-2.9	-11.7	-258973	-1.3	
25	260.9	1434.5	59	-2.6	11.7	-2	-11.6	-258717	-1.4	
25	260.6	1434.8	59.9	-1.6	11.9	-3.2	-11.6	-258589	-1.7	
25	260.3	1434.2	59.6	-1.4	11.7	-3.3	-12	-258589	-1.8	
25	260	1433.9	59.7	-1.1	11.7	-3.2	-12.3	-258685	-1.8	
25	259.7	1434.3	59.5	-0.9	12.2	-2.7	-12.5	-258845	-1.8	
25	259.4	1434.5	60.5	0.4	12.5	-3	-12.7	-259069	-1.9	
25	259.1	1434.6	59.8	-0.2	12.8	-2.5	-13	-259358	-1.6	
25	258.8	1434.7	61	0.8	13.1	-1.5	-13.2	-259744	-1.6	
25	258.5	1434.9	61.1	0.7	13	-1.6	-13.1	-260196	-1.7	
25	258.2	1435.1	60.8	0	13.1	-2.5	-13	-260650	-1.9	
25	257.9	1435.1	62.4	1.8	13.2	-0.4	-12.6	-261040	-2	
25	257.6	1434.9	62.1	1.1	13.3	-1.4	-12.4	-261333	-2.2	
25	257.3	1435.1	61	0.4	13.2	-2.3	-12.2	-261529	-2.3	
25	257	1435.2	62.9	2.2	13	-1.1	-11.9	-261627	-2.5	
25	256.7	1435.3	61.8	1	12.8	-1.6	-11.7	-261594	-2.6	
25	256.4	1435.5	62.4	1.5	12.5	-2	-11.5	-261398	-2.8	
25	256.1	1435.5	63.1	2.5	12	-2	-11.3	-261040	-3	
25	255.8	1435.1	62.9	2.3	11.4	-2.1	-11.3	-260585	-3	
25	255.5	1434.7	62.1	1.2	11.1	-3.3	-11.5	-260035	-2.7	
25	255.2	1434.2	62.9	1.4	10.8	-2.3	-11.8	-259455	-2.5	
25	254.9	1434	62.6	1.2	10.6	-1.5	-11.9	-258941	-2.4	
25	254.6	1433.8	62.6	1.4	10.4	-2.4	-12	-258558	-2.2	
25	254.3	1433.8	61.9	0.8	10.4	-1.5	-12	-258334	-1.8	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
25	254	1434.3	62.2	1.4	10.6	-2	-11.8	-258271	-1.8	
25	253.7	1434.6	63.1	2.4	11	-1.6	-11.8	-258366	-1.9	
25	253.4	1434.9	63.3	1.9	11.8	-1.5	-11.9	-258558	-1.8	
25	253.1	1435.2	63	1.9	12.2	-0.9	-11.9	-258973	-1.8	
25	252.8	1435.5	63.3	1.6	12.7	-1	-11.8	-259455	-1.6	
25	252.5	1435.6	62.4	1.6	12.7	-1.6	-11.7	-259938	-1.5	
25	252.2	1435.5	62.7	1.4	12.7	-1.3	-11.6	-260326	-1.3	
25	251.9	1435.4	61.5	0.8	12.7	-1.1	-11.7	-260650	-1.1	
25	251.6	1435.4	62.5	0.9	12.8	-0.6	-11.9	-260844	-1.1	
25	251.3	1435.2	62.4	1.9	12.6	-0.8	-12.2	-260909	-1	
25	251	1435	63.1	2.1	12.4	-0.6	-12.3	-260942	-1	
25	250.7	1435.1	62.1	4	12.2	-0.7	-12.2	-260812	-0.9	
25	250.4	1435.1	62.4	0.3	12	-1	-12.2	-260520	-1	
25	250.1	1435.1	62.4	2.6	12	-0.8	-12.2	-260228	-1.1	
25	249.8	1434.9	62.8	2.7	11.9	-0.4	-12.1	-259938	-1.1	
25	249.5	1434.9	61.1	1.3	11.8	-1.2	-11.9	-259615	-1.1	
25	249.2	1434.8	61.9	1.6	11.6	-0.7	-11.7	-259294	-1.2	
25	248.9	1435	61.4	1.8	11.8	-1.3	-11.4	-259069	-1.3	
25	248.6	1434.9	62	2.6	11.7	-1.2	-11.2	-258973	-1.3	
25	248.3	1435	60.8	1.8	11.9	-1.9	-11.2	-258973	-1.3	
25	248	1435	61.6	1.7	12	-1.3	-11.2	-259101	-1.3	
25	247.7	1435	61.7	2.1	12.2	-1.3	-11.4	-259294	-1.3	
25	247.4	1434.8	61.5	1.8	12.2	-1.8	-11.6	-259551	-1.3	
25	247.1	1434.6	60.8	1.3	12.2	-1.6	-11.8	-259873	-1.3	
25	246.8	1434.3	60.2	-0.3	12.2	-1.8	-12.1	-260196	-1.3	
25	246.5	1434	60.4	0.6	12	-1.7	-12.5	-260552	-1.3	
25	246.2	1433.8	60.8	-0.2	12	-1.6	-12.9	-260812	-1.4	
25	245.9	1433.6	60.8	-0.3	11.9	-1.2	-13.2	-260942	-1.4	
25	245.6	1433.4	60.7	-0.1	11.8	-1.1	-13.4	-260909	-1.5	
25	245.3	1433.3	61.1	-1.3	11.6	-1.3	-13.5	-260812	-1.6	
25	245	1433.4	61.2	-0.9	11.6	-1.5	-13.4	-260682	-1.8	
25	244.7	1433.4	61.1	0.1	11.5	-1.4	-13.2	-260455	-1.8	
25	244.4	1433.6	59.6	-3.3	11.5	-2.3	-12.9	-260131	-1.9	
25	244.1	1434	60.3	-1.5	11.7	-2	-12.5	-259712	-2.1	
25	243.8	1434.5	59.9	-2.5	11.8	-2.9	-12	-259198	-2.4	
25	243.5	1434.8	60.4	-2.7	11.8	-2.3	-11.5	-258717	-2.6	
25	243.2	1435.1	59.1	-3.8	11.8	-3.6	-11.1	-258334	-2.7	
25	242.9	1435.4	59.9	-2.2	12	-3.6	-10.8	-258080	-2.8	
25	242.6	1435.7	60.3	-2.6	12.1	-3.3	-10.6	-257984	-2.8	
25	242.3	1435.6	60.5	-2.1	12.1	-2.1	-10.6	-258080	-2.2	
25	242	1435.6	59.7	-2.9	12.2	-2.3	-10.7	-258302	-2	
25	241.7	1435.6	60	-1.9	12.3	-2.4	-10.9	-258749	-1.9	
25	241.4	1435.6	60.1	-2.1	12.4	-1.9	-11.2	-259294	-1.8	
25	241.1	1435.4	59.4	-3.7	12.5	-2.6	-11.6	-259938	-1.2	
25	240.8	1435.4	59.3	-4	12.7	-1.3	-12	-260487	-1.1	
25	240.5	1435.1	60.3	-2.7	12.6	-0.9	-12.5	-260909	-1.1	
25	240.2	1435	60.4	-2.9	12.5	-1	-12.9	-261202	-1	
25	239.9	1434.8	59.7	-2.7	12.6	-1.1	-13.2	-261300	-0.3	
25	239.6	1434.6	60.5	-2.2	12.5	0	-13.5	-261202	-0.3	
25	239.3	1434.4	60.8	-0.7	12.3	0	-13.7	-260909	-0.3	
25	239	1434.3	60.6	-1.9	12	-0.5	-13.7	-260455	-0.4	
25	238.7	1434.2	61.1	-1.3	11.9	0.4	-13.5	-259905	-0.4	
25	238.4	1434.3	60	-3.1	11.6	-0.3	-13.1	-259358	-0.6	
25	238.1	1434.5	60.3	-1.8	11.6	-0.7	-12.6	-258909	-0.7	
25	237.8	1435	60.4	-2	11.7	-0.8	-12	-258558	-1	
25	237.5	1435.2	60.6	-1.8	11.7	-0.1	-11.6	-258334	-1.2	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
25	237.2	1435.6	60.7	-2.1	11.7	-0.4	-11.2	-258239	-1.3	
25	236.9	1436	61.1	0	11.8	-1	-10.9	-258271	-1.4	
25	236.6	1436.4	61.3	-0.6	11.8	-0.8	-10.6	-258462	-1.5	
25	236.3	1436.2	61.3	-0.1	11.7	-1.1	-10.7	-258813	-1.4	
25	236	1436.1	60.1	-1.9	11.6	-1.2	-10.9	-259262	-1.3	
25	235.7	1435.8	60.4	-0.4	11.7	-0.9	-11.4	-259809	-1.2	
25	235.4	1435.6	60	-1.6	11.5	-0.7	-11.8	-260358	-1.1	
25	235.1	1435.4	59.4	-2.3	11.6	-1.3	-12.2	-260877	-0.8	
25	234.8	1435.6	59.1	-2.4	11.9	-1.3	-12.6	-261333	-1	
25	234.5	1435.8	60.5	-0.3	12.2	-0.6	-13	-261692	-1.1	
25	234.2	1436.1	60.5	0.3	12.5	-1.5	-13.3	-261987	-1.4	
25	233.9	1436.2	61	0.6	12.9	-0.8	-13.4	-262151	-1.6	
25	233.6	1436.4	60	-0.8	13.1	-1.3	-13.3	-262151	-1.8	
25	233.3	1436.4	59.9	-0.9	13.1	-1.8	-13.1	-261954	-1.9	
25	233	1436.7	58.8	-1.9	13.3	-3.6	-12.7	-261659	-2.2	
25	232.7	1436.8	59.2	-1.9	13	-2.5	-12.1	-261268	-2.5	
25	232.4	1437.1	58.1	-3.1	12.7	-4.1	-11.4	-260812	-2.7	
25	232.1	1437.3	59	-2.1	12.3	-3.9	-10.9	-260358	-2.9	
25	231.8	1437.4	59.9	0.3	11.7	-3.6	-10.3	-259873	-3	
25	231.5	1437.3	59.2	-1.1	11.4	-4.6	-10.2	-259422	-2.7	
25	231.2	1437.2	58.8	-1.1	11.2	-4.2	-10.2	-259037	-2.4	
25	230.9	1437	59.3	-1.1	11.2	-3.6	-10.6	-258813	-2.2	
25	230.6	1436.7	60.3	1.2	11.1	-2.2	-10.9	-258749	-2.1	
25	230.3	1436.3	59.1	-0.8	11	-2.7	-11.3	-258877	-1.7	
25	230	1436	60	-0.3	11.1	-1.1	-11.9	-259166	-1.6	
25	229.7	1436	59.5	-1	11.6	-1.6	-12.4	-259583	-1.3	
25	229.4	1436	60.6	0.9	12	-1.3	-12.8	-260131	-1.2	
25	229.1	1436	61.2	1.2	12.4	0.1	-13.1	-260812	-1.1	
25	228.8	1436.1	61.2	1.1	12.5	0	-13.1	-261561	-1.1	
25	228.5	1436.3	61.4	2	12.7	-0.5	-12.9	-262282	-1.3	
25	228.2	1436.3	62.1	2.8	12.6	-0.5	-12.6	-262875	-1.4	
25	227.9	1436.5	60.9	0.6	12.8	-0.6	-12.3	-263271	-1.5	
25	227.6	1436.4	60.9	0.5	12.8	-1.4	-12.1	-263404	-1.7	
25	227.3	1436.3	60.6	0.9	12.5	-2.2	-11.9	-263304	-2.2	
25	227	1436.1	61.5	1	12.2	-1.8	-11.7	-263040	-2.3	
25	226.7	1436.1	60.8	0	12	-2.4	-11.5	-262644	-2.2	
25	226.4	1436.2	61.4	0.8	12.1	-2.3	-11.4	-262118	-2.2	
25	226.1	1435.9	61.9	0.8	11.9	-1.9	-11.5	-261594	-2.2	
25	225.8	1435.8	62.1	2.1	11.9	-2.5	-11.5	-261072	-2.1	
25	225.5	1435.6	60.9	0.6	11.8	-2.3	-11.7	-260682	-2	
25	225.2	1435.5	61.3	0.9	12.1	-2.2	-11.9	-260455	-1.9	
25	224.9	1435.4	61.7	1.1	12.2	-1.5	-12	-260390	-2.1	
25	224.6	1435.1	61.3	0.6	11.9	-2.4	-12.1	-260487	-1.9	
25	224.3	1435.1	60.8	-0.3	11.9	-2.2	-12	-260714	-1.9	
25	224	1435	61.9	0.6	11.7	-1.9	-12	-261040	-2	
25	223.7	1434.8	61.8	0.5	11.6	-2.6	-12	-261268	-2.2	
25	223.4	1434.4	63	2.9	11.4	-1.6	-12.1	-261627	-2.2	
25	223.1	1434.4	61.5	1.1	11.3	-2	-12	-262052	-2.1	
25	222.8	1434.2	62.4	2.4	11.1	-1.8	-12	-262479	-2.2	
25	222.5	1434.2	61.6	2.2	10.9	-2.7	-12	-262776	-2.4	
25	222.2	1434.4	62.1	3	11.1	-2.2	-12	-262875	-2.5	
25	221.9	1434.3	61.5	1	11.2	-2.2	-12.2	-262809	-2.6	
25	221.6	1434.4	62.3	1.8	11.3	-2.2	-12.3	-262545	-2.7	
25	221.3	1434.4	62.5	1.5	11.4	-1.9	-12.4	-262282	-2.8	
25	221	1434.5	62.7	2.7	11.8	-1.8	-12.3	-261987	-2.3	
25	220.7	1434.6	61.8	1.9	11.8	-2	-12.2	-261692	-2	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
25	220.4	1434.7	62.7	3.9	12.1	-0.8	-12.1	-261398	-1.9	
25	220.1	1435.2	62.1	2.9	12.5	-1.2	-12	-261170	-1.9	
25	219.8	1435.5	62.2	4.1	12.6	-1.5	-11.9	-261137	-1.8	
25	219.5	1435.6	61.5	2.5	12.6	-1.8	-11.8	-261333	-1.5	
25	219.2	1435.8	61.6	1.7	12.5	-1.2	-11.6	-261692	-1.4	
25	218.9	1435.9	61.5	2.3	12.4	-1.7	-11.4	-262184	-1.3	
25	218.6	1435.7	61.4	2.6	12	-2.4	-11.3	-262710	-1.3	
25	218.3	1435.5	62.2	2.9	11.7	-0.4	-11.3	-263304	-1.1	
25	218	1435.3	60.8	0.5	11.4	-2.2	-11.4	-263869	-1	
25	217.7	1435.2	61.2	2.1	11.2	-2.2	-11.6	-264335	-1	
25	217.4	1435.1	61.7	1.7	11	-2	-11.9	-264702	-1.3	
25	217.1	1435.2	62	2.5	11.1	-2	-12	-264937	-1.3	
25	216.8	1435.4	60.6	0	11.3	-2.7	-12.1	-264937	-1.4	
25	216.5	1435.5	61.3	0.1	11.5	-3.2	-12.2	-264736	-1.7	
25	216.2	1435.6	62.2	1	12.3	-1.9	-12.3	-264302	-2.1	
25	215.9	1435.6	61.1	-0.3	12.5	-3.2	-12.5	-263769	-2.2	
25	215.6	1435.9	61.3	-0.8	13	-2.2	-12.6	-263106	-2.4	
25	215.3	1436.1	62.8	1.9	12.9	-0.8	-12.5	-262414	-2.6	
25	215	1436.4	62.7	1.8	13.1	-1.3	-12.4	-261790	-2.8	
25	214.7	1436.6	63.8	3.2	13	0	-12.3	-261268	-2.8	
25	214.4	1436.6	62.2	0.7	12.8	-0.6	-12.3	-260974	-2.8	
25	214.1	1436.4	64	3.2	12.6	0.7	-12.3	-260877	-2.8	
25	213.8	1435.6	62.6	1.2	12.2	-1	-12.7	-261040	-2.7	
25	213.5	1435.7	62.1	0.2	11.7	-0.2	-12.2	-261431	-2.2	
25	213.2	1435.8	61.5	-0.6	11.1	-0.7	-11.8	-262019	-2.1	
25	212.9	1436.2	60.8	-0.1	11.1	-2.3	-11.4	-262710	-2	
25	212.6	1436.4	60.8	-0.5	10.8	-2.4	-11.2	-263536	-1.8	
25	212.3	1436.5	60	-1.7	10.6	-3.6	-11.1	-264402	-1.1	
25	212	1436.8	59.4	-1.9	10.7	-3.1	-11.1	-265239	-1.3	
25	211.7	1436.7	59.7	-1.1	10.6	-3.4	-11.1	-265980	-1.2	
25	211.4	1436.7	59.6	-2.3	10.9	-3.1	-11	-266556	-1.2	
25	211.1	1436.9	59.2	-2.6	11.1	-3.1	-11.1	-266998	-1.1	
25	210.8	1437	59	-4	11.4	-3.2	-11.5	-267270	-1.1	
25	210.5	1437	59.4	-2.1	11.3	-1.9	-11.8	-267339	-1.2	
25	210.2	1437.2	60.1	-2.3	11.4	-2	-12	-267236	-1.6	
25	209.9	1437.5	61.3	-0.3	11.6	-0.9	-12	-266998	-1.9	
25	209.6	1437.8	60.2	-1.9	11.7	-1.5	-11.8	-266658	-2	
25	209.3	1438	59.9	-1.6	12.2	-2.6	-11.7	-266217	-2.2	
25	209	1438.1	60.4	-1.9	12.4	-2.2	-11.6	-265643	-2.5	
25	208.7	1438.2	60.3	-2.2	12.7	-2.2	-11.5	-265004	-2.6	
25	208.4	1438.5	60.7	-2	12.7	-2.2	-11.1	-264402	-2.5	
25	208.1	1438.8	59.5	-2.3	12.9	-3.3	-10.9	-263835	-2.6	
25	207.8	1439.2	60.1	-2.6	13.3	-3.8	-10.9	-263437	-2.7	
25	207.5	1439.3	60.5	-1.6	13.3	-4.4	-11	-263238	-2.9	
25	207.2	1439	60	-2.2	13.1	-4.1	-11.2	-263271	-2.8	
25	206.9	1438.4	60.8	-0.7	12.8	-2.9	-11.7	-263503	-2.8	
25	206.6	1437.9	60.7	-0.9	12.6	-2.8	-12.1	-263935	-2.7	
25	206.3	1437.2	60.7	-0.8	12.4	-2.9	-12.7	-264569	-2.6	
25	206	1436.7	61.9	0.5	12.1	-1.1	-13.1	-265340	-2.5	
25	205.7	1436.5	61.1	-1.1	12	-1.7	-13.5	-266217	-2.5	
25	205.4	1436.4	62.4	1.6	12.1	-0.8	-13.8	-267032	-2.7	
25	205.1	1436.4	62.7	1.5	12.1	-0.9	-13.8	-267715	-2.9	
25	204.8	1436.4	62.4	0.7	12.1	-0.8	-13.6	-268229	-3	
25	204.5	1436.6	61.9	-0.1	12.1	-1.7	-13	-268539	-3.2	
25	204.2	1436.7	61.2	0.6	12	-2.3	-12.3	-268676	-3.5	
25	203.9	1436.8	61.8	0.5	11.9	-2.2	-11.5	-268607	-3.6	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
25	203.6	1436.9	60.4	-1.8	11.7	-3.7	-10.8	-268435	-3.6	
25	203.3	1437.1	61	-0.1	11.4	-2.6	-10.3	-267954	-3.8	
25	203	1437.1	60.8	-0.5	11	-4.6	-9.9	-267202	-3.9	
25	202.7	1437	61	-1.8	10.4	-4.8	-9.5	-266285	-3.8	
25	202.4	1436.8	60.4	-2.3	10	-4.5	-9.4	-265373	-3.5	
25	202.1	1436.6	60	-3.8	9.8	-5	-9.5	-264535	-3.4	
25	201.8	1436.2	59.3	-2.9	9.7	-4.4	-10	-263802	-3.1	
25	201.5	1435.6	60.2	-3.8	9.6	-3.9	-10.6	-263205	-2.6	
25	201.2	1435.3	59.1	-3.5	9.7	-2.3	-11.1	-262743	-1.4	
25	200.9	1435.4	58.6	-3.5	10	-3.3	-11.5	-262479	-0.9	
25	200.6	1435.6	60.7	-0.8	10.6	-1.1	-12	-262512	-0.8	
25	200.3	1435.8	61.4	0.6	11.1	-0.1	-12.4	-262809	-0.2	
25	200	1435.9	60.5	-0.3	11.6	0.2	-12.7	-263205	0.6	
25	199.7	1436.1	61.3	1.3	12	2.2	-12.9	-263603	0.9	
25	199.4	1436.3	59.9	0.5	12.5	0.5	-13.1	-263935	1	
25	199.1	1436.4	61.3	1.6	13	1.9	-13.3	-264235	1.1	
25	198.8	1436.4	59.6	0	12.9	1.4	-13.3	-264502	1.1	
25	198.5	1436.7	61	1.8	12.8	2.5	-13.1	-264702	0.7	
25	198.2	1436.9	61.2	2.2	12.8	0.7	-13	-264669	0	
25	197.9	1437.1	61.6	2.2	12.7	-0.1	-12.6	-264468	-0.5	
25	197.6	1437.3	61.3	1.2	12.8	-0.5	-12.2	-264135	-1.1	
25	197.3	1437.3	60	-1.3	12.6	-1.8	-11.8	-263802	-1.6	
25	197	1437.6	61.5	1.3	12.6	-1	-11.3	-263536	-2.4	
25	196.7	1437.9	60.8	0.9	12.5	-2.1	-10.8	-263338	-2.8	
25	196.4	1438.3	59.6	-0.8	12.6	-3	-10.3	-263139	-3.2	
25	196.1	1438.6	59.9	-0.4	12.6	-3	-10	-263073	-3.6	
25	195.8	1438.6	60.3	-0.4	12.4	-3.6	-9.9	-263073	-3.9	
25	195.5	1438.1	60.9	1.4	12.2	-3.8	-10.2	-263172	-4	
25	195.2	1437.5	60.9	0.8	11.7	-3.3	-10.5	-263371	-3.7	
25	194.9	1437	59.2	-1.3	11.5	-4.4	-10.9	-263570	-3.5	
25	194.6	1436.3	60.3	0.3	11.1	-3.2	-11.4	-263702	-3.2	
25	194.3	1436	58.9	-1.9	11.1	-3.6	-11.9	-263603	-2.7	
25	194	1435.6	59.3	-1.4	10.9	-1.7	-12.5	-263271	-1.7	
25	193.7	1435.3	57.7	-3	10.8	-2.9	-13.2	-262743	-1.1	
25	193.4	1435.3	58.9	-3	10.9	-1.3	-13.6	-262085	-0.7	
25	193.1	1435.2	59.9	-1.2	11.2	-0.5	-14	-261398	-0.5	
25	192.8	1435.3	59.7	-2.7	11.4	-0.7	-14.1	-260714	-0.3	
25	192.5	1435.4	60.3	-2.4	11.6	1	-13.9	-259970	0.1	
25	192.2	1435.5	59	-3.4	11.8	-0.6	-13.6	-259262	0.4	
25	191.9	1435.6	58.7	-3.2	11.9	-0.5	-13.3	-258621	0.4	
25	191.6	1436.1	59.1	-2.1	12.4	-1.1	-12.9	-258143	0	
25	191.3	1436.8	59	-2.8	12.7	-0.5	-12.4	-257857	-0.6	
25	191	1437.3	58.8	-1.6	12.9	-2.2	-11.9	-257698	-1.1	
25	190.7	1438	58.9	-2.1	13.3	-3.1	-11.4	-257572	-1.7	
25	190.4	1438.5	59.3	-1.5	13.4	-2.9	-10.9	-257477	-2.4	
25	190.1	1438.4	59.5	-1.5	13.3	-3.5	-10.8	-257413	-2.8	
25	189.8	1438.3	59.6	-0.8	13.2	-3.1	-10.8	-257413	-3.1	
25	189.5	1438	60.2	0.2	12.8	-2.5	-10.8	-257477	-3.4	
25	189.2	1437.7	61.1	1.8	12.5	-2	-10.8	-257635	-4	
25	188.9	1437.6	60.1	-0.1	12.1	-3.3	-10.8	-257921	-4.3	
25	188.6	1437.3	60.9	1.8	11.6	-2.7	-10.9	-258271	-4.5	
25	188.3	1437	60.7	2.1	11.2	-3.1	-11.2	-258621	-4.5	
25	188	1436.7	59.8	-0.9	10.9	-3.5	-11.5	-259069	-4.3	
25	187.7	1436.4	60.1	-1.3	10.9	-3.8	-11.9	-259519	-4.2	
25	187.4	1436.3	60.2	-0.3	11	-3.7	-12	-259970	-3.9	
25	187.1	1436.3	59.9	-1.4	11.2	-3.8	-12	-260358	-3.5	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
25	186.8	1436	59	-0.9	11.5	-4.6	-12.3	-260585	-2.8	
25	186.5	1435.8	59.3	-2	11.9	-3.6	-12.7	-260552	-2.4	
25	186.2	1435.9	59.4	-0.2	12.3	-3.5	-12.9	-260228	-2	
25	185.9	1435.9	59.8	-1.2	12.7	-3	-13.1	-259680	-1.8	
25	185.6	1436.1	58.8	-2.4	13.2	-2.7	-13.2	-258973	-1.4	
25	185.3	1436.3	59.8	-1.8	13.5	-1.8	-13.2	-258175	-1.3	
25	185	1436.2	60.4	-0.9	13.5	-1.3	-13.2	-257350	-1.3	
25	184.7	1436.1	60.2	0.2	13.5	-1.3	-13.2	-256562	-1.3	
25	184.4	1435.9	60.5	-1	13.7	-0.5	-13.3	-255903	-1.3	
25	184.1	1435.6	60.8	0	13.6	-0.7	-13.3	-255497	-1.6	
25	183.8	1435.7	61	1.4	13.6	-0.8	-13.1	-255373	-1.7	
25	183.5	1435.6	61.3	1.4	13.3	-0.6	-12.8	-255560	-1.9	
25	183.2	1435.6	60.4	0.1	13	-1	-12.4	-255997	-1.9	
25	182.9	1435.6	60.5	-0.4	12.6	-1.5	-12	-256687	-2.1	
25	182.6	1435.5	60.6	-0.3	12.3	-1.8	-11.8	-257508	-2.2	
25	182.3	1435.2	60.6	1.4	11.7	-2	-11.6	-258334	-2.4	
25	182	1435	60.5	0.2	11.3	-1.6	-11.5	-259134	-2.5	
25	181.7	1434.8	60.5	1.6	11	-2.1	-11.5	-259841	-2.6	
25	181.4	1434.5	60.8	1.5	10.5	-2.1	-11.5	-260423	-2.6	
25	181.1	1434.2	60.2	2.5	10.2	-3.1	-11.6	-260812	-2.6	
25	180.8	1433.9	60.3	1.4	10.1	-2.3	-11.9	-260974	-2.7	
25	180.5	1433.7	60	0.1	10	-2.4	-12.3	-260877	-2.6	
25	180.2	1433.8	60.1	0.4	10.1	-2.1	-12.6	-260552	-2.4	
25	179.9	1434.1	60.1	-0.2	10.4	-2	-12.7	-260099	-2.2	
25	179.6	1434.5	58.8	-0.2	10.7	-2.1	-12.7	-259551	-1.4	
25	179.3	1434.9	59.3	0.6	11.3	-1.5	-12.6	-258909	-1.1	
25	179	1435.2	59.7	0.6	11.6	-1.5	-12.4	-258239	-1.1	
25	178.7	1435.6	60	1	12.1	-1.2	-12.2	-257508	-1.1	
25	178.4	1435.9	59.3	0.5	12.5	-1.3	-12	-256813	-0.9	
25	178.1	1436.4	59.2	0.3	12.9	-1.6	-11.6	-256216	-0.8	
25	177.8	1437	59	-0.3	13.2	-1.8	-11.2	-255747	-0.8	
25	177.5	1437.5	59.2	-0.3	13.5	-1.7	-10.8	-255435	-0.8	
25	177.2	1437.9	58.6	-1	13.6	-2.1	-10.6	-255155	-1	
25	176.9	1437.6	58.9	-1.3	13.1	-2.1	-10.6	-254906	-1.3	
25	176.6	1437.5	59.3	-1.8	13	-2.3	-10.9	-254782	-1.6	
25	176.3	1437.2	60	-0.1	12.9	-1.7	-11.3	-254813	-1.6	
25	176	1436.9	59.1	-1.8	12.7	-2.1	-11.7	-254937	-1.4	
25	175.7	1436.5	60	-0.7	12.4	-1.4	-12.1	-255155	-1.6	
25	175.4	1436.1	60	0.2	12.1	-1.5	-12.7	-255435	-1.8	
25	175.1	1435.6	60.1	0	11.6	-1.4	-13.1	-255809	-1.7	
25	174.8	1435.4	60.5	0.3	11.5	-0.6	-13.4	-256248	-1.8	
25	174.5	1435.3	60.1	0.2	11.6	-1.1	-13.5	-256750	-1.9	
25	174.2	1435.5	60.4	1.4	11.7	-1.3	-13.2	-257318	-2	
25	173.9	1435.7	60.3	1	11.7	-1.6	-12.9	-257857	-2	
25	173.6	1435.9	60.3	0.9	12	-1.3	-12.6	-258334	-2	
25	173.3	1436	60.4	0.6	12	-1.7	-12.2	-258717	-2	
25	173	1436.4	60.4	1.6	12.5	-1.8	-11.8	-258973	-2	
25	172.7	1436.6	60.4	0.6	12.7	-1.8	-11.5	-259069	-2	
25	172.4	1436.7	60	-0.4	12.8	-1.9	-11.3	-259005	-1.7	
25	172.1	1436.8	59.8	-0.4	12.8	-1.8	-11.1	-258813	-1.4	
25	171.8	1436.6	60.1	-0.4	12.6	-1.7	-11.1	-258526	-1.4	
25	171.5	1436.5	59.8	-1	12.4	-2	-11.1	-258239	-1.4	
25	171.2	1436.2	60.1	-0.9	12.2	-1.4	-11.2	-257952	-1.3	
25	170.9	1435.9	60.3	-1	12.1	-1	-11.4	-257698	-1.2	
25	170.6	1435.3	60.4	0	11.6	-0.9	-11.7	-257508	-1	
25	170.3	1435.2	60.3	-0.2	11.6	-0.9	-11.9	-257445	-0.9	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
25	170	1435	60	-0.6	11.7	-0.9	-12.2	-257508	-0.8	
25	169.7	1435	60.2	-0.4	12	-0.7	-12.5	-257698	-0.8	
25	169.4	1434.8	60.3	-0.2	12.1	-1.1	-12.8	-258016	-0.9	
25	169.1	1434.8	60.4	-0.1	12.1	-0.8	-12.9	-258430	-1	
25	168.8	1434.6	60.1	-0.7	12.1	-1	-13.1	-258909	-1.2	
25	168.5	1434.5	59.8	-0.4	11.9	-1.4	-13.1	-259390	-1.4	
25	168.2	1434.3	60.2	-0.1	11.9	-1.6	-13.1	-259905	-1.7	
25	167.9	1434.3	60.2	0.2	11.8	-1.7	-13	-260358	-1.8	
25	167.6	1434.3	60.3	0.2	11.6	-1.6	-12.9	-260747	-1.9	
25	167.3	1434.3	60.4	0.3	11.5	-1.6	-12.9	-260942	-1.9	
25	167	1434.4	60.9	2.1	11.6	-1.3	-12.8	-260942	-2	
25	166.7	1434.7	60.7	1.4	11.9	-1.4	-12.7	-260779	-1.9	
25	166.4	1435	59.7	0	12.3	-2	-12.6	-260487	-1.8	
25	166.1	1435.4	59.3	-0.7	12.7	-2.1	-12.5	-260164	-1.6	
25	165.8	1435.8	59.8	0.5	13.1	-1.6	-12.4	-259873	-1.6	
25	165.5	1435.9	60	0.8	13.1	-1.3	-12.3	-259583	-1.6	
25	165.2	1436.2	60.1	1.1	13.1	-1.1	-12	-259358	-1.7	
25	164.9	1436.4	60.1	0.9	13.2	-1	-11.8	-259166	-1.7	
25	164.6	1436.4	60.2	1.6	13	-1.6	-11.6	-259005	-1.8	
25	164.3	1436.3	60.1	1.2	12.7	-1.7	-11.5	-258877	-1.9	
25	164	1436.1	59.8	0.5	12.4	-1.4	-11.6	-258749	-1.9	
25	163.7	1436	59.8	-0.2	12.1	-0.8	-11.6	-258621	-1.9	
25	163.4	1436	59.3	0.2	11.9	-1.6	-11.6	-258494	-1.9	
25	163.1	1436	59.1	-0.9	11.8	-1.7	-11.6	-258302	-1.8	
25	162.8	1435.9	58.7	-1.3	11.7	-2	-11.7	-258048	-1.7	
25	162.5	1435.7	58.4	-1.7	11.8	-2.1	-12	-257762	-1.4	
25	162.2	1435.7	59.1	-1.4	12	-1.5	-12.2	-257540	-1.4	
25	161.9	1435.6	59.1	-1	12.2	-1.2	-12.4	-257350	-1.3	
25	161.6	1435.6	58.8	-1.6	12.3	-1.1	-12.4	-257192	-1.2	
25	161.3	1435.6	58.1	-2.2	12.2	-1.6	-12.4	-256971	-0.9	
25	161	1435.7	58.2	-2.1	12.2	-1.1	-12.4	-256750	-0.8	
25	160.7	1435.7	58	-2.4	12.2	-1.3	-12.5	-256562	-0.8	
25	160.4	1435.7	57.9	-2.5	12	-1.4	-12.5	-256467	-0.8	
25	160.1	1435.5	58.1	-2.3	11.6	-1.1	-12.4	-256436	-0.9	
25	159.8	1435.4	58.2	-1.8	11.4	-1.5	-12.1	-256436	-1	
25	159.5	1435.3	58	-1.8	11.1	-1.9	-11.7	-256467	-1.1	
25	159.2	1435.3	57.6	-2.5	11	-2.2	-11.3	-256625	-1.2	
25	158.9	1435.5	57.8	-2	10.9	-1.9	-10.9	-256908	-1.4	
25	158.6	1435.7	57.8	-2.3	10.9	-2.6	-10.7	-257318	-1.6	
25	158.3	1436.1	57.9	-2.4	11	-2.6	-10.4	-257825	-1.9	
25	158	1436.5	58.3	-2.1	11.2	-2.4	-10.2	-258366	-2.2	
25	157.7	1436.8	58.2	-2.1	11.4	-2.7	-10	-258877	-2.4	
25	157.4	1436.6	58.4	-1.6	11.5	-2.8	-10.2	-259326	-2.4	
25	157.1	1436.2	58.6	-1.6	11.6	-2.8	-10.6	-259744	-2.4	
25	156.8	1435.7	58.4	-1.9	11.6	-2.8	-11.1	-260067	-2.4	
25	156.5	1435.4	58.6	-1.8	11.8	-2.9	-11.8	-260293	-2.4	
25	156.2	1435.3	59.4	-0.7	12.2	-2.3	-12.3	-260390	-2.4	
25	155.9	1435.3	59.2	-0.6	12.5	-2.4	-12.6	-260326	-2.3	
25	155.6	1435.2	59.1	-1.1	12.6	-2.6	-13	-260164	-2.2	
25	155.3	1435.2	59	-1.2	12.6	-2.6	-13.4	-259970	-2.1	
25	155	1435.2	59.5	-0.8	13	-2.5	-13.7	-259680	-2.1	
25	154.7	1435.2	60	-0.4	13.1	-2.3	-13.9	-259390	-2.1	
25	154.4	1435.1	60.1	-0.8	13.1	-1.7	-13.9	-259101	-2.2	
25	154.1	1435.3	60.3	-0.4	13	-1.7	-13.6	-258877	-2.2	
25	153.8	1435.1	60.9	1.2	12.6	-2	-13.3	-258749	-2.7	
25	153.5	1434.7	60.8	1.5	12.1	-2.4	-13	-258749	-2.9	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
25	153.2	1434.8	60.8	1	12	-2.8	-12.8	-258845	-3.1	
25	152.9	1435.1	60.9	0.9	12	-2.5	-12.6	-259005	-3.2	
25	152.6	1435.3	61.4	1.3	12	-2.6	-12.4	-259230	-3.3	
25	152.3	1435.7	61.8	1.7	12.1	-2.2	-12	-259551	-3.2	
25	152	1436	60.8	0.6	12.1	-3.1	-11.7	-259905	-3.1	
25	151.7	1436.3	61.1	1	12.1	-2.8	-11.6	-260261	-2.9	
25	151.4	1436.2	60.9	1.1	12.2	-3.1	-11.8	-260585	-2.6	
25	151.1	1436	61.3	1.5	12.3	-1.8	-11.9	-260779	-1.9	
25	150.8	1436	61.8	2.5	12.4	-1.1	-12	-260844	-1.6	
25	150.5	1436.2	61.4	2.3	12.6	-1.1	-12	-260812	-1.4	
25	150.2	1436.2	61.9	3.2	12.6	-1.3	-12	-260682	-1.4	
25	149.9	1436.1	61.5	3.1	12.7	-1	-12.2	-260455	-1.1	
25	149.6	1436.1	61.5	2.4	12.8	-0.6	-12.4	-260099	-1.1	
25	149.3	1436.2	61.6	2.5	12.8	-0.3	-12.3	-259615	-1.2	
25	149	1436.6	61.9	3.1	13	-0.4	-12	-259069	-1.3	
25	148.7	1436.6	61.6	3.5	13	-0.6	-11.8	-258462	-1.4	
25	148.4	1436.5	61.7	3.5	12.9	-1.3	-11.5	-257921	-1.8	
25	148.1	1436.2	61.3	3.3	12.5	-1.9	-11.4	-257413	-2.2	
25	147.8	1436	62.2	4.3	12.3	-2.1	-11.4	-256971	-2.8	
25	147.5	1435.6	61	2.9	12.1	-2.6	-11.5	-256562	-2.6	
25	147.2	1435.4	61.3	3.1	11.8	-2.3	-11.6	-256248	-2.6	
25	146.9	1435.1	60.4	2.4	11.5	-2.8	-11.8	-256060	-2.2	
25	146.6	1434.9	61.2	3.6	11.2	-2.3	-12	-255997	-2.3	
25	146.3	1434.7	60.2	2.4	11.2	-2.5	-12.3	-256122	-1.8	
25	146	1434.3	60.7	2.9	11.1	-2	-12.7	-256342	-1.6	
25	145.7	1434.1	60.5	2.6	11.2	-1.1	-12.9	-256593	-1.1	
25	145.4	1434.1	61.1	2.8	11.3	-1.5	-12.9	-256971	-1	
25	145.1	1433.9	60.5	2.3	11.4	-0.7	-12.9	-257477	-0.6	
25	144.8	1434.3	60.6	2.2	11.6	-1	-12.7	-258111	-0.7	
25	144.5	1434.5	60.3	1.7	11.7	-0.8	-12.5	-258781	-0.6	
25	144.2	1434.9	60.4	2	11.9	-1.7	-12.2	-259422	-1	
25	143.9	1435	60.2	1.6	11.8	-0.8	-12	-259938	-0.8	
25	143.6	1435.2	60.5	1.1	11.9	-0.9	-11.6	-260293	-1.1	
25	143.3	1435.3	59.8	0.6	11.8	-1.4	-11.3	-260487	-1	
25	143	1435.4	60.9	1.8	11.8	-1.7	-11.1	-260552	-1.5	
25	142.7	1435.3	60.2	1.2	11.7	-1.5	-11	-260520	-1.3	
25	142.4	1435.4	60.6	1.1	11.7	-1.3	-11	-260390	-1.5	
25	142.1	1435.6	60.5	0.5	11.7	-2	-11.1	-260131	-1.8	
25	141.8	1435.5	61	0.9	11.6	-1.6	-11.3	-259809	-1.8	
25	141.5	1435.7	60.3	0	11.7	-2.1	-11.4	-259487	-1.6	
25	141.2	1435.6	60	-0.9	11.6	-2	-11.8	-259294	-1.6	
25	140.9	1435.5	59.9	-0.9	11.7	-2.5	-12.2	-259230	-1.7	
25	140.6	1435.4	61.1	0.3	11.9	-1.9	-12.6	-259294	-1.7	
25	140.3	1435.3	60.4	-0.5	12.1	-1.6	-12.9	-259422	-1.3	
25	140	1435.2	60.2	-1.2	12.1	-1.7	-13.1	-259648	-1.1	
25	139.7	1435.4	61.2	-0.6	12.5	-0.9	-13.2	-260002	-1.3	
25	139.4	1435.6	61.2	0.4	12.8	-1.8	-13.2	-260552	-1.5	
25	139.1	1435.8	61.4	0.3	13	-0.7	-13	-261072	-1.3	
25	138.8	1436.3	60.2	-0.7	13.6	-2	-12.8	-261463	-1.5	
25	138.5	1436.8	61.6	0.3	13.9	-0.7	-12.4	-261725	-1.9	
25	138.2	1436.9	61.8	0	13.7	-1.7	-12	-261757	-2.1	
25	137.9	1437	61.2	-0.2	13.4	-1.3	-11.6	-261627	-1.9	
25	137.6	1436.9	61.1	-0.8	13	-1.5	-11.3	-261333	-1.9	
25	137.3	1436.7	61.2	-0.3	12.4	-1.9	-11.2	-260877	-2	
25	137	1436.4	62.1	0.6	12.1	-1.8	-11.2	-260228	-2.3	
25	136.7	1435.8	61.4	-0.2	11.6	-2.4	-11.3	-259455	-2.2	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
25	136.4	1435.4	61.4	-0.5	11.3	-1.6	-11.4	-258877	-2.2	
25	136.1	1435.1	60.9	-0.7	11.1	-2.6	-11.6	-258462	-2.2	
25	135.8	1435	61.6	-0.1	11.3	-2	-11.8	-258302	-2.2	
25	135.5	1435.1	60.8	-0.5	11.4	-2.1	-11.8	-258334	-1.6	
25	135.2	1435.3	61.2	-1	11.8	-1.4	-11.8	-258526	-1.5	
25	134.9	1435.5	61	0	12.2	-1.5	-11.7	-258877	-1.5	
25	134.6	1435.4	62	0.7	12.6	-1.3	-11.8	-259326	-1.8	
25	134.3	1435.1	61.8	1.4	12.7	-1	-11.9	-259873	-1.6	
25	134	1434.8	61.4	0.2	12.8	-1.5	-12	-260261	-1.6	
25	133.7	1434.3	61	0.8	12.5	-1.6	-12.2	-260552	-1.6	
25	133.4	1434.1	61.1	0.4	12.5	-2.1	-12.4	-260617	-1.9	
25	133.1	1433.9	61.3	0.8	12.3	-1.4	-12.6	-260455	-1.9	
25	132.8	1433.6	61.1	0	11.9	-1.9	-12.7	-260131	-1.9	
25	132.5	1433.3	60.9	0.4	11.6	-1.8	-12.8	-259680	-1.7	
25	132.2	1432.9	61	0.4	11.2	-1.6	-12.8	-259198	-1.6	
25	131.9	1432.7	61	0.7	11	-2.1	-12.7	-258781	-1.6	
25	131.6	1432.7	61.3	0.9	11	0.1	-12.6	-258430	-1.4	
25	131.3	1432.8	61.2	1	11	-1.3	-12.4	-258111	-1.1	
25	131	1433	61.1	0.6	10.9	-0.6	-12.1	-257889	-0.9	
25	130.7	1433.3	60.9	1.1	10.9	-0.8	-11.8	-257825	-0.7	
25	130.4	1433.4	60.9	0	11.1	-1.1	-11.6	-257889	-0.5	
25	130.1	1433.5	61	0.8	11	-0.8	-11.3	-258111	-0.8	
25	129.8	1433.6	60.1	-0.5	11.2	-2	-11.1	-258430	-0.9	
25	129.5	1433.7	61.3	0.8	11.2	-0.8	-10.7	-258781	-0.9	
25	129.2	1433.8	58.2	-2.8	11.4	-4.1	-10.7	-259101	-1	
25	128.9	1434.1	61.8	1.5	11.4	-1.2	-10.8	-259358	-1.4	
25	128.6	1434.3	60.4	0.4	11.5	-2.9	-11	-259615	-1.9	
25	128.3	1434.4	60.8	0.9	11.5	-3.2	-11.4	-259776	-2.3	
25	128	1434.3	61.9	0.8	11.5	-2.2	-11.8	-259841	-2.7	
25	127.7	1434.2	61.1	0.7	11.6	-3.3	-12.3	-259809	-2.7	
25	127.4	1434	61.3	1.1	11.9	-2.8	-12.9	-259712	-3	
25	127.1	1433.7	61.3	0.1	12	-3.3	-13.6	-259648	-3.1	
25	126.8	1433.4	61.3	0.1	12.2	-2.7	-14.2	-259648	-3	
25	126.5	1434.2	62.1	0.7	12.4	-1.8	-13.8	-259744	-3.2	
25	126.2	1434.6	61.8	1.6	12.6	-2.4	-13.6	-259905	-2.9	
25	125.9	1435.3	62.4	0.8	13.1	-1.8	-13.2	-260099	-3	
25	125.6	1435.8	61.8	0	13.6	-2.3	-12.8	-260326	-2.9	
25	125.3	1436.2	62.5	1.3	13.9	-1.4	-12.3	-260520	-2.9	
25	125	1436.4	62	0.9	13.8	-1.6	-11.8	-260617	-2.6	
25	124.7	1436.9	61.8	0.6	13.9	-1.9	-11.3	-260552	-2.7	
25	124.4	1437	63.8	1.7	13.6	0.1	-10.8	-260423	-2.6	
25	124.1	1437.2	59.7	-1.7	13.5	-4.1	-11	-260196	-2.3	
25	123.8	1437	62.1	0.7	13.1	-1.3	-11.1	-259938	-2	
25	123.5	1436.3	61.7	0.8	12.2	-2	-11.4	-259680	-2	
25	123.2	1435.6	60.5	-1.1	11.8	-2.2	-11.8	-259487	-1.6	
25	122.9	1435.1	60.8	0	11.4	-1.6	-12.1	-259422	-1.2	
25	122.6	1434.8	60.8	-0.4	11.2	-1.1	-12.4	-259455	-1.1	
25	122.3	1434.9	60.8	-0.2	11.2	-1.3	-12.5	-259615	-1.1	
25	122	1435	61	-1	11	-1.4	-12.4	-259873	-0.8	
25	121.7	1435.2	60.8	-1	11.1	0.2	-12.4	-260164	-0.9	
25	121.4	1435.5	61	-0.4	11.5	-1.4	-12.4	-260552	-0.9	
25	121.1	1435.7	61.1	0.1	12.1	-1	-12.5	-260974	-0.9	
25	120.8	1435.3	60.4	-0.7	11.9	-0.6	-12.4	-261333	-0.5	
25	120.5	1435.3	59.9	-1.4	12.1	-0.9	-12.4	-261594	-0.2	
25	120.2	1435.5	59.5	-1.6	12.2	-0.7	-12.2	-261757	0.3	
25	119.9	1435.6	60.2	-0.7	12.1	0.2	-12.1	-261790	0.6	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
25	119.6	1435.7	59.5	-1.5	12.1	-0.5	-12.1	-261692	0.7	
25	119.3	1435.8	59.6	-1.4	12.1	-0.5	-12.2	-261365	0.6	
25	119	1435.8	60.9	-0.4	11.9	0.5	-12.2	-260942	0.3	
25	118.7	1436	60.6	-0.6	11.8	-0.5	-12	-260455	-0.1	
25	118.4	1436	60.6	-0.5	11.8	-0.4	-11.9	-259905	-0.6	
25	118.1	1436	60.4	-0.5	11.7	-1	-11.8	-259422	-1.2	
25	117.8	1436.2	60.2	-0.7	11.7	-1.4	-11.7	-258973	-1.9	
25	117.5	1436.3	60.5	-0.5	11.6	-1.9	-11.6	-258621	-2.5	
25	117.2	1436.4	60.5	0.4	11.7	-2.1	-11.4	-258526	-3.1	
25	116.9	1436.5	60.5	-0.8	11.7	-2.7	-11.2	-258749	-3.6	
25	116.6	1436.7	60.4	2.2	11.8	-4.1	-11	-259262	-4.3	
25	116.3	1436.8	60.9	-0.9	11.8	-4.3	-10.9	-259776	-4.8	
25	116	1436.9	60.4	0	12.1	-4.8	-11	-260390	-5	
25	115.7	1436.9	60.4	-0.4	12.1	-5.1	-11.1	-260974	-4.9	
25	115.4	1437	59.9	-2	12.1	-5.1	-11.2	-261529	-4.5	
25	115.1	1437	59.6	-1.5	12.4	-5.2	-11.5	-262019	-4.2	
25	114.8	1436.6	59.6	-1.7	12.2	-4.3	-11.9	-262414	-3.4	
25	114.5	1436.3	59.6	-1.7	12.1	-3.6	-12.2	-262644	-2.6	
25	114.2	1435.9	59.5	-1.8	12	-3.2	-12.6	-262644	-2.1	
25	113.9	1435.7	60.2	-1.9	12	-3	-12.8	-262611	-1.6	
25	113.6	1435.6	59.8	-2	11.9	-2.2	-13	-262545	-1.2	
25	113.3	1435.8	60.8	-1.6	12	-0.8	-13	-262512	-1	
25	113	1436	60.8	-1	11.9	-0.8	-12.8	-262578	-0.8	
25	112.7	1436	60.8	-1.7	11.7	-0.6	-12.6	-262677	-0.6	
25	112.4	1436.2	60.4	-1.6	11.7	0	-12.3	-262743	-0.6	
25	112.1	1436.2	60.8	-1	11.3	0	-12	-262677	-0.6	
25	111.8	1436.4	60.9	-2.9	11.5	-0.6	-11.8	-262512	-1.2	
25	111.5	1436.3	62.3	2.6	11.2	0.3	-11.4	-262249	-1.4	
25	111.2	1436.5	61.1	-1	11.3	0	-11.1	-261921	-1.6	
25	110.9	1436.6	60.7	-1	11.3	-1.7	-11	-261594	-1.6	
25	110.6	1436.7	61.7	1.2	11.4	-0.9	-11	-261235	-1.7	
25	110.3	1436.8	61.9	1.1	11.8	-0.8	-11.1	-260909	-1.7	
25	110	1437.1	60.1	-0.7	12.3	-2.5	-11.2	-260650	-1.7	
25	109.7	1437.4	60.7	-0.1	12.9	-1.7	-11.4	-260552	-1.9	
25	109.4	1437.5	61	0	13	-1.5	-11.7	-260682	-1.9	
25	109.1	1437.2	61	0.2	13.1	-2.2	-12	-261040	-1.9	
25	108.8	1437.1	59.2	-1.8	13.1	-3.3	-12.3	-261561	-1.8	
25	108.5	1436.8	60.7	-0.4	13.1	-1.7	-12.7	-262151	-1.8	
25	108.2	1436.6	61.1	0.7	13	-0.9	-12.9	-262776	-1.9	
25	107.9	1436.2	61.2	1.3	12.9	-1.5	-13.2	-263371	-2	
25	107.6	1435.8	61.4	1.9	12.4	-0.5	-13.4	-263869	-2	
25	107.3	1435.7	60.3	0.1	12	-2.1	-13.2	-264201	-1.9	
25	107	1435.9	60.3	0.8	11.8	-1.6	-12.9	-264368	-1.9	
25	106.7	1436	60.3	0.7	11.8	-1.6	-12.6	-264335	-1.9	
25	106.4	1436.1	60.3	-0.6	11.5	-0.6	-12.2	-264068	-1.9	
25	106.1	1436.2	60.6	0	11.2	-1.3	-11.7	-263636	-1.4	
25	105.8	1436.2	58.4	-2.2	11	-3.3	-11.4	-263172	-1	
25	105.5	1436.3	59.6	-0.8	10.8	-1.6	-11.1	-262710	-0.9	
25	105.2	1436.5	59.7	-0.5	10.7	-1.9	-10.8	-262315	-0.9	
25	104.9	1436.5	60.2	-0.3	10.4	-0.9	-10.6	-262019	-0.8	
25	104.6	1436.5	59	-1.5	10.2	-2.1	-10.6	-261856	-0.6	
25	104.3	1436.4	59	-1.5	10.1	-2.7	-10.8	-261790	-0.6	
25	104	1436.5	58.9	-1.5	10.3	-1.8	-11.1	-261823	-0.8	
25	103.7	1436.6	60.3	-0.6	10.5	-1.9	-11.3	-261921	-1	
25	103.4	1436.7	60.3	-0.1	11	-0.2	-11.5	-262085	-0.9	
25	103.1	1437	59.3	-1.1	11.4	-2	-11.6	-262249	-1	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
25	102.8	1437.4	60.1	0.2	11.9	-0.8	-11.8	-262315	-1.2	
25	102.5	1437.7	60.3	0.7	12.7	-1.6	-12.2	-262282	-1.6	
25	102.2	1437.9	60.8	1.2	13.5	-0.8	-12.7	-262151	-1.9	
25	101.9	1438.2	61.9	2.3	14.1	-0.4	-12.9	-262019	-2.1	
25	101.6	1438.5	59.6	0.1	14.6	-2	-13.2	-261888	-2.4	
25	101.3	1438.5	61.8	1.6	14.8	-1.5	-13.4	-261692	-2.8	
25	101	1438.3	60.8	1	14.6	-2.8	-13.5	-261431	-3.1	
25	100.7	1438.2	60.9	0.1	14.5	-2.2	-13.5	-261170	-3.2	
25	100.4	1438.1	59.8	-1	14.2	-3.4	-13.4	-260942	-3.2	
25	100.1	1438	60.3	-0.5	13.7	-3.1	-13	-260779	-3.2	
25	99.8	1437.8	60.4	0	12.9	-3.3	-12.4	-260650	-3.2	
25	99.5	1437.5	61.4	0.6	11.8	-2.8	-11.7	-260585	-3.2	
25	99.2	1437.7	59.5	-1.4	11.4	-2.7	-11.1	-260585	-3	
25	98.9	1437.6	60.8	-1.5	10.7	-3.2	-10.6	-260682	-2.8	
25	98.6	1437.7	60.7	-0.4	10.5	-2.2	-10.2	-260844	-2.6	
25	98.3	1437.4	60.4	-0.3	10.1	-2.5	-10	-261137	-2	
25	98	1437.2	59.8	-1.9	10	-2	-10	-261496	-1.6	
25	97.7	1436.9	60.1	-1.8	10	-1.7	-10.2	-261888	-1.4	
25	97.4	1436.6	60.2	0.1	10.2	-1.2	-10.6	-262315	-1	
25	97.1	1436.5	60.2	-0.5	10.6	-1.4	-10.9	-262644	-0.5	
25	96.8	1436.4	58.8	-2.2	11	-1.8	-11.3	-262842	-0.1	
25	96.5	1436.4	60.6	-0.4	11.6	-0.1	-11.8	-262908	-0.1	
25	96.2	1436.4	59.9	0.7	12	-1.3	-12.2	-262809	-0.2	
25	95.9	1436.4	60.9	0.2	12.5	0	-12.4	-262578	-0.4	
25	95.6	1436.3	60.6	-0.5	12.7	-0.6	-12.5	-262282	-0.7	
25	95.3	1436.2	60.5	-0.7	12.6	-0.4	-12.4	-261954	-1.1	
25	95	1436.1	60.5	-0.9	12.7	-2	-12.4	-261561	-1.6	
25	94.7	1436	60.8	0.5	12.8	-2.4	-12.4	-261137	-2.3	
25	94.4	1435.8	61.5	1.2	12.6	-1.2	-12.4	-260714	-2.6	
25	94.1	1435.7	60.4	0.1	12.5	-3	-12.5	-260390	-2.7	
25	93.8	1435.5	61.4	1.1	12.1	-2.2	-12.5	-260196	-2.8	
25	93.5	1435.2	60.6	0	11.7	-3.2	-12.5	-260099	-2.8	
25	93.2	1435.1	61.2	2.8	11.5	-2.8	-12.5	-260035	-2.7	
25	92.9	1435	59.6	0	11.4	-4.3	-12.6	-260002	-2.4	
25	92.6	1434.9	61.6	1.9	11.4	-2.3	-12.7	-260002	-2.4	
25	92.3	1434.7	61.7	1.5	11.3	-1.8	-12.7	-260035	-2.3	
25	92	1434.7	61.5	2.5	11.1	-2	-12.4	-260228	-1.8	
25	91.7	1435	60.7	1.7	11.2	-2.2	-12.2	-260520	-1.5	
25	91.4	1435.3	61.6	2.7	11.5	-1.8	-12	-260942	-1.4	
25	91.1	1435.7	61	0.7	12.1	-1.5	-11.9	-261463	-1.3	
25	90.8	1435.9	62	1.7	12.2	-0.9	-11.8	-262085	-1.3	
25	90.5	1436.2	62.5	3.2	12.5	0.3	-11.7	-262743	-1.4	
25	90.2	1436.3	62.4	2.3	12.6	-0.7	-11.6	-263404	-1.5	
25	89.9	1436.3	61.6	1.3	12.8	-1.7	-11.6	-264002	-1.6	
25	89.6	1436.3	61.9	1.1	12.9	-1.2	-11.6	-264502	-1.7	
25	89.3	1436.2	62.4	0.5	12.9	-0.6	-11.7	-264669	-2	
25	89	1436	62.5	2.9	12.6	-0.9	-11.7	-264468	-2.3	
25	88.7	1435.9	61.8	0	12.6	-1.1	-11.8	-263869	-2.4	
25	88.4	1435.9	61.9	1.1	12.3	-2	-11.8	-262908	-2.5	
25	88.1	1435.8	62	1.1	12	-2.2	-11.8	-261725	-2.6	
25	87.8	1435.6	61.7	1.9	11.8	-2.7	-12	-260487	-2.8	
25	87.5	1435.5	61.7	1.4	11.6	-2.1	-12.1	-259294	-2.8	
25	87.2	1435.4	61.3	0.9	11.6	-2.5	-12.2	-258175	-2.8	
25	86.9	1435.1	61.3	-0.1	11.4	-2.9	-12.3	-257255	-2.7	
25	86.6	1434.9	60.7	1.2	11.4	-3	-12.4	-256625	-2.4	
25	86.3	1434.6	60	-0.8	11.1	-2.5	-12.5	-256373	-1.8	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
25	86	1434.8	60.9	0.2	11	-1.7	-12.4	-256530	-1.6	
25	85.7	1435	60.8	0.4	11.2	-2	-12.3	-256971	-1.4	
25	85.4	1435.3	60.7	0.9	11.4	-1.8	-12.1	-257572	-1.3	
25	85.1	1435.6	60.3	0.2	11.6	-2.2	-12	-258239	-1.3	
25	84.8	1435.8	60.2	0	11.9	-1.5	-11.9	-258941	-1.3	
25	84.5	1435.8	60.5	0.3	12.1	-1.9	-11.9	-259615	-1.3	
25	84.2	1435.9	60.2	1.4	12.2	-1.9	-11.8	-260228	-1.3	
25	83.9	1436	59.6	-1	12.4	-2.3	-11.7	-260844	-1.4	
25	83.6	1436.4	60.1	0.2	12.7	-2.8	-11.6	-261398	-1.9	
25	83.3	1436.5	60.7	-0.2	12.8	-2	-11.7	-261823	-2.2	
25	83	1436.5	60.6	0	12.7	-2.5	-11.7	-262085	-2.3	
25	82.7	1436.4	60.6	0.1	12.5	-2.4	-11.8	-262249	-2.3	
25	82.4	1436.1	59.4	-1.1	12.2	-3.6	-12.1	-262315	-2	
25	82.1	1436.2	61	0.2	12.2	-1.8	-12.1	-262282	-1.8	
25	81.8	1436.2	60.9	-0.6	12	-1.7	-12	-262085	-1.7	
25	81.5	1436.1	61	0.6	11.8	-1.3	-11.9	-261725	-1.7	
25	81.2	1435.8	61	-0.4	11.3	-1.6	-11.8	-261235	-1.6	
25	80.9	1435.7	60.2	-0.4	11.2	-2.3	-11.6	-260714	-1.3	
25	80.6	1435.6	60.9	-0.3	11.1	-1.7	-11.5	-260196	-1.2	
25	80.3	1435.8	61	1.4	11.3	-1.6	-11.4	-259744	-1.3	
25	80	1436.1	61.8	0.2	11.7	-0.6	-11.2	-259390	-1.6	
25	79.7	1436.5	61.4	-0.3	11.8	-0.8	-10.9	-259134	-1.7	
25	79.4	1436.5	61.5	0	12.1	-2.2	-11.2	-258941	-1.8	
25	79.1	1436.4	61.7	1	12.4	-1.4	-11.7	-258909	-2	
25	78.8	1436.1	62	0.4	12.8	-1.4	-12.4	-258941	-2.2	
25	78.5	1435.7	61.7	0.7	12.9	-1.3	-13.1	-259069	-2.3	
25	78.2	1435.5	62.1	0.1	13	-0.9	-13.6	-259198	-2.3	
25	77.9	1435.4	62	-0.5	13	-1.4	-13.8	-259294	-2.4	
25	77.6	1435.1	62.1	-0.3	12.6	-1.8	-13.9	-259390	-2.4	
25	77.3	1435	60	-1.6	12.6	-3.6	-14.1	-259422	-2.2	
25	77	1435.1	62.9	1	12.4	-0.7	-13.8	-259455	-2.2	
25	76.7	1435.3	61.2	-1.2	12.2	-2	-13.3	-259487	-2	
25	76.4	1435.6	61.4	-1.1	11.9	-2.1	-12.6	-259519	-2	
25	76.1	1436.2	61.2	-0.6	11.9	-2.2	-11.7	-259583	-2.2	
25	75.8	1436.6	60.5	-1.4	11.6	-2.6	-11	-259583	-2.1	
25	75.5	1436.7	61	-1	11.5	-2.9	-10.6	-259551	-2.6	
25	75.2	1436.7	61.2	-0.5	11.4	-2.7	-10.3	-259519	-2.9	
25	74.9	1436.6	61.4	-0.3	11.2	-1.9	-10.2	-259551	-3.2	
25	74.6	1436.5	61.3	0	11.2	-3.1	-10.3	-259615	-2.9	
25	74.3	1436.3	60.8	-0.5	11	-2.3	-10.5	-259744	-2.4	
25	74	1436.4	61.1	0.4	11.2	-2.1	-10.6	-259841	-2	
25	73.7	1436.4	60.6	0.6	11.2	-2.1	-10.8	-259938	-1.7	
25	73.4	1436.4	59.8	-1.1	11.5	-2.4	-11.2	-260035	-1.5	
25	73.1	1436.2	60.6	-0.2	11.8	-1.2	-11.7	-260228	-1.2	
25	72.8	1436.2	60	-0.7	12.2	-2.1	-12.1	-260455	-1.1	
25	72.5	1436.1	60.3	0	12.5	-1.6	-12.5	-260650	-0.9	
25	72.2	1436.1	60.2	0	12.8	-1.5	-12.8	-260844	-1	
25	71.9	1436.2	60.2	-0.3	13.1	-1.4	-13	-260942	-1.1	
25	71.6	1436.1	61	0.8	13	-1.7	-13.3	-260942	-1.6	
25	71.3	1435.9	60.9	1.3	13	-1.7	-13.5	-260844	-1.8	
25	71	1435.7	60.9	0.8	12.8	-1.7	-13.5	-260650	-2.1	
25	70.7	1435.5	60.3	-0.4	12.6	-2.7	-13.4	-260390	-2.4	
25	70.4	1435.5	60.8	0.2	12.5	-2.6	-13.1	-260067	-2.8	
25	70.1	1435.6	60.5	-0.1	12.3	-2.6	-12.7	-259776	-3.1	
25	69.8	1435.8	60.2	0.8	12.4	-3.5	-12.4	-259519	-3.4	
25	69.5	1436	60.2	-0.8	12.3	-3.2	-12.2	-259262	-3.3	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
25	69.2	1436.3	61.1	0.2	12.3	-3	-11.8	-259198	-3.4	
25	68.9	1436.4	60.9	-0.1	12.4	-2.5	-11.6	-259326	-3.1	
25	68.6	1436.4	61.2	0.2	12.2	-2.5	-11.4	-259648	-2.8	
25	68.3	1436.3	60.6	0.4	12.1	-1.8	-11.4	-260164	-2.2	
25	68	1436.1	61.2	0.3	11.9	-1.7	-11.5	-260779	-1.8	
25	67.7	1435.9	59.8	-1.2	11.7	-1.8	-11.7	-261431	-0.9	
25	67.4	1435.6	60.5	-1.3	11.4	-0.3	-12	-262052	-0.3	
25	67.1	1435.5	60.1	-1.3	11.1	0.2	-12.1	-262710	0.3	
25	66.8	1435.4	60.4	-1.1	10.8	0	-12.2	-263271	0.7	
25	66.5	1435.3	59.8	-1.9	10.7	0.4	-12.3	-263736	1.3	
25	66.2	1435.5	60.9	-1.1	10.7	1	-12.3	-264035	1.3	
25	65.9	1435.7	60.2	-1.5	10.9	0.6	-12.4	-264201	1.2	
25	65.6	1435.9	61.4	-0.7	11.1	0.6	-12.4	-264235	0.8	
25	65.3	1436.3	60.9	-1.1	11.3	0.9	-12.2	-264235	0.5	
25	65	1436.6	60.8	-1.3	11.6	0.1	-11.9	-264168	0.1	
25	64.7	1436.9	60.3	0.3	11.9	-0.6	-11.7	-264068	-0.4	
25	64.4	1437.3	61.1	-1.8	12.3	-1.2	-11.5	-263869	-1.5	
25	64.1	1437.4	60.5	-0.7	12.5	-1.7	-11.5	-263570	-2.2	
25	63.8	1437.8	61.2	-0.2	12.9	-2.5	-11.4	-263172	-2.8	
25	63.5	1438.1	61.1	-0.1	13.3	-2.4	-11.3	-262644	-3.2	
25	63.2	1438.3	62.1	1.6	13.4	-2.9	-11.1	-262118	-3.9	
25	62.9	1438.4	61.3	0.3	13.3	-3.7	-11	-261692	-4.1	
25	62.6	1438.2	61	-0.2	13.2	-3.9	-11.2	-261398	-4.1	
25	62.3	1438	60.9	-0.5	13	-3.8	-11.5	-261300	-4	
25	62	1437.6	61.1	-0.2	12.6	-3.6	-11.8	-261496	-3.7	
25	61.7	1437.4	60.3	-0.5	12.5	-3.4	-12	-262085	-3.1	
25	61.4	1437	60.9	-0.2	12.2	-2.5	-12.2	-263040	-2.7	
25	61.1	1436.5	60.4	-0.2	11.8	-2.7	-12.4	-264335	-2.2	
25	60.8	1436.2	60.7	0.9	11.5	-2.2	-12.4	-265811	-1.6	
25	60.5	1435.9	60.8	0.2	11.5	-1	-12.5	-267373	-1	
25	60.2	1435.9	60.9	0.9	11.6	-0.3	-12.3	-268883	-0.7	
25	59.9	1436.1	61.2	0.9	11.8	0	-12	-270272	-0.6	
25	59.6	1436.2	61	0.8	12.1	-0.1	-11.7	-271428	-0.6	
25	59.3	1436.3	60.8	0.6	12	0	-11.4	-272346	-0.6	
25	59	1436.3	60.2	-0.8	12	-0.4	-11.3	-272985	-0.6	
25	58.7	1436.2	60.6	-0.3	12.1	0.2	-11.4	-273413	-0.7	
25	58.4	1435.9	60.4	-0.5	12	0	-11.5	-273699	-0.8	
25	58.1	1435.3	60.2	-0.1	11.6	-0.3	-11.7	-273949	-0.8	
25	57.8	1435	60	-0.8	11.3	-0.4	-11.8	-274236	-1.1	
25	57.5	1434.5	60.3	-0.2	11	-0.7	-12	-274632	-1.4	
25	57.2	1434.1	60	-0.2	10.4	-0.9	-12.1	-275137	-1.6	
25	56.9	1434	60	-0.2	10.3	-0.6	-12.1	-275826	-1.6	
25	56.6	1434.2	59.1	-2	10.2	-0.9	-11.9	-276627	-1.7	
25	56.3	1434.4	59.1	-1.8	10.2	-1.2	-11.7	-277581	-1.7	
25	56	1434.7	58.6	-2.6	10.4	-1.4	-11.2	-278578	-1.7	
25	55.7	1434.9	58.6	-2	10.7	-1.1	-10.9	-279620	-1.8	
25	55.4	1435.1	57.8	-3.4	10.8	-1.9	-10.6	-280707	-1.9	
25	55.1	1435	58	-1.8	10.9	-1.8	-10.5	-281726	-2.3	
25	54.8	1435.3	57.7	-2.8	11.4	-2	-10.5	-282639	-2.6	
25	54.5	1435.3	57.2	-2.9	11.7	-2.4	-10.9	-283443	-2.7	
25	54.2	1435.4	56.4	-4	12	-2.4	-11.4	-284174	-2.3	
25	53.9	1435.5	56.6	-3.2	12.2	-2	-11.8	-284908	-2.2	
25	53.6	1435.2	56.2	-4.7	12	-1.7	-12.4	-285608	-1.8	
25	53.3	1434.9	55.6	-4.6	11.8	-1.9	-12.8	-286311	-1.5	
25	53	1434.8	55.5	-5.9	11.6	-1.4	-13	-287017	-1.4	
25	52.7	1434.7	54.7	-6.2	11.5	-2.3	-13	-287727	-1.1	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
25	52.4	1434.7	54.2	-6.6	11	-2	-12.8	-288560	-0.9	
25	52.1	1434.9	53.9	-6.4	10.7	-1.4	-12.2	-289557	-0.8	
25	51.8	1435.4	53.8	-7.3	10.2	-1	-11.2	-290683	-0.8	
25	51.5	1435.8	53.7	-6.8	9.7	-1.9	-10.4	-291858	-0.9	
25	51.2	1436.5	53.6	-7.6	9.9	-1.8	-9.6	-293083	-1.2	
25	50.9	1436.9	53.4	-7.7	9.9	-1.4	-9.1	-294485	-1	
25	50.6	1437.3	53.2	-8.9	10	-1.8	-8.8	-295942	-1.1	
25	50.3	1437.5	53.7	-7.6	10.2	-0.6	-8.7	-297497	-1.2	
25	50	1437.6	53	-8	10.3	-1.2	-8.7	-299027	-1.2	
25	49.7	1437.5	51.8	-9.1	10.6	-2	-9.1	-300486	-1.1	
25	49.4	1437.5	51.7	-9.4	10.9	-2.4	-9.6	-301916	-1.2	
25	49.1	1437.4	52.8	-7.5	11.3	-0.8	-10	-303315	-1.1	
25	48.8	1437.2	52.2	-8.7	11.2	-1	-10.4	-304728	-1.1	
25	48.5	1437.3	52.1	-8.3	11.4	-1	-10.6	-306243	-1.1	
25	48.2	1437.5	52.2	-8.5	11.7	-0.7	-10.7	-307774	-1.2	
25	47.9	1437.4	51.5	-9.3	11.5	-0.9	-10.7	-309411	-0.8	
25	47.6	1437.3	51.8	-9.1	11.2	-0.6	-10.6	-311066	-0.9	
25	47.3	1437	51.5	-9.7	10.9	-0.2	-10.6	-312832	-1.1	
25	47	1436.9	52.1	-8.9	10.5	-0.3	-10.2	-314713	-1.5	
25	46.7	1436.4	51.2	-9.6	10	-1.1	-10	-316616	-1.6	
25	46.4	1436.3	50.6	-9.6	9.7	-1.6	-9.7	-318446	-1.9	
25	46.1	1436	50.7	-9.9	9.4	-1.5	-9.6	-320248	-2.1	
25	45.8	1435.8	50.3	-10.1	8.9	-1.8	-9.6	-321922	-2.2	
25	45.5	1435.8	49.6	-10.6	8.7	-1.8	-9.5	-323514	-2	
25	45.2	1435.8	49.9	-10.1	8.5	-1.6	-9.5	-325071	-2.1	
25	44.9	1435.9	49.4	-10.9	8.7	-1.5	-9.5	-326592	-1.9	
25	44.6	1435.7	50.1	-9.9	8.5	-1.3	-9.6	-328076	-1.8	
25	44.3	1435.5	48.6	-11.4	8.7	-1.3	-9.6	-329677	-1.3	
25	44	1435.4	48.5	-10.6	8.9	-1.1	-9.6	-331504	-1.1	
25	43.7	1435.2	48.1	-11	9.2	-0.8	-9.6	-333511	-1	
25	43.4	1435.4	47.5	-11.1	9.6	-1.6	-9.5	-335864	-1	
25	43.1	1435.8	47.2	-11.4	9.9	-0.8	-9.3	-338416	-0.9	
25	42.8	1436.2	47	-10.8	10.1	-0.9	-9.2	-341117	-0.9	
25	42.5	1436.5	46.6	-11.4	10.1	-1.1	-9.1	-343862	-0.8	
25	42.2	1436.7	47.1	-10.6	10.3	-0.8	-9	-346709	-0.8	
25	41.9	1436.3	46.1	-11.1	9.9	0	-9	-349487	-0.3	
25	41.6	1435.9	46.4	-10	9.6	-0.2	-9.1	-351895	-1	
25	41.3	1435.2	45.1	-11.5	9.2	-1.6	-9.2	-353977	-1.1	
25	41	1434.8	45.9	-10.3	8.4	-0.3	-9	-355661	-1.3	
25	40.7	1434.6	44.6	-11	8	-1.3	-8.9	-356934	-1.6	
25	40.4	1434.8	44.1	-11.4	7.7	-2.3	-8.8	-357910	-1.9	
25	40.1	1435.1	44.4	-10.3	7.7	-1.8	-8.7	-358707	-2.2	
25	39.8	1435.1	44.1	-10.1	7.5	-2.5	-8.6	-359508	-1.9	
25	39.5	1435.2	43.1	-10.8	7.5	-2.2	-8.4	-360498	-1.6	
25	39.2	1435.4	42.7	-11.1	7.5	-2.8	-8.2	-361807	-1.8	
25	38.9	1435.3	43.1	-10.6	7.6	-1.9	-8.1	-363503	-1.9	
25	38.6	1435.3	42.2	-11.4	7.7	-3.1	-8	-365661	-1.6	
25	38.3	1435.2	41.4	-12	7.7	-2.8	-8.1	-368298	-1.5	
25	38	1435.5	42	-11.2	8	-2	-8.1	-371500	-1.6	
25	37.7	1435.6	41.4	-12.3	8	-2.6	-8.2	-375094	-1.7	
25	37.4	1435.7	42.3	-10.7	8	-1.9	-8.2	-378895	-1.8	
25	37.1	1436	41.2	-10.6	8.1	-1.7	-8.1	-382844	-1.6	
25	36.8	1436.3	40.9	-10.8	8.4	-2.1	-8.1	-386447	-1.6	
25	36.5	1436.4	41.1	-11.7	8.8	-2	-8.1	-389829	-1.8	
25	36.2	1436.5	41.6	-10.6	9.1	-1.4	-8	-392754	-1.9	
25	35.9	1436.6	40.8	-11.3	9.3	-1.1	-7.8	-395424	-2	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
25	35.6	1436.5	40.7	-11.5	9.2	-1.7	-7.7	-397677	-2.3	
25	35.3	1436.6	40.3	-11.2	9	-2.6	-7.5	-399575	-2.7	
25	35	1436.7	40.7	-11.1	9.1	-2.2	-7.5	-401259	-2.8	
25	34.7	1436.8	39.5	-12	8.9	-2.6	-7.6	-402958	-2.9	
25	34.4	1436.5	40	-12.1	8.4	-2.5	-7.8	-404828	-3.2	
25	34.1	1436.1	39.5	-11.7	7.7	-3.1	-7.9	-406794	-3.4	
25	33.8	1435.5	39.9	-10.7	7.1	-2.9	-8	-409019	-3.3	
25	33.5	1435	38.3	-12.4	6.5	-3.6	-8	-411511	-3	
25	33.2	1434.6	38.3	-12	6.3	-3.1	-8.1	-414198	-2.8	
25	32.9	1434.5	38.9	-10.7	6.1	-1.9	-8.1	-417002	-2.7	
25	32.6	1434.5	38	-11.9	6.1	-2.9	-8.1	-420098	-2.2	
25	32.3	1434.9	37.2	-12.2	6.1	-2.9	-7.8	-423411	-1.7	
25	32	1435.5	37.7	-12.4	6.5	-2	-7.4	-426777	-1.7	
25	31.7	1436.1	37.3	-11.3	7	-2	-7.1	-430285	-1.6	
25	31.4	1436.3	37.5	-11	7.3	-1.6	-6.9	-433941	-1.4	
25	31.1	1436.4	37	-11.1	7.6	-0.5	-6.8	-437752	-0.9	
25	30.8	1436.3	36.4	-11.1	7.9	-0.5	-7	-441257	-0.7	
25	30.5	1436.3	36	-11.2	8	-0.9	-7.2	-444536	-0.6	
25	30.2	1436.4	36.7	-10.3	8.4	-0.1	-7.4	-447673	-0.9	
25	29.9	1436.4	37.4	-9.2	8.1	1	-7.4	-450660	-1	
25	29.6	1436.3	36.1	-11	7.8	-0.3	-7.5	-453294	-1.1	
25	29.3	1436.3	35.8	-10.3	7.7	-0.8	-7.5	-455761	-1	
25	29	1436.3	35.5	-10.9	7.3	-0.7	-7.3	-458154	-1	
25	28.7	1436.2	35	-10.1	7.1	-1	-7	-460674	-1	
25	28.4	1436.2	34.1	-11.8	6.8	-1.1	-6.5	-463325	-0.9	
25	28.1	1436.5	33.8	-10.8	6.6	-0.8	-5.8	-466317	-1.1	
25	27.8	1436.4	33.8	-10.3	6	-2.2	-5.3	-469454	-1.5	
25	27.5	1436.5	33.7	-10.7	5.8	-2.6	-5	-472847	-1.6	
25	27.2	1436.4	33	-11.1	5.6	-2.7	-4.9	-476505	-1.6	
25	26.9	1436.2	33.8	-9.3	5.4	-1.9	-5.1	-480331	-1.9	
25	26.6	1436.2	32.9	-9.8	5.5	-2.5	-5.3	-484443	-1.8	
25	26.3	1435.8	33	-10.1	5.6	-2.2	-5.7	-488626	-1.6	
25	26	1435.5	32.3	-9.9	5.6	-1.5	-6	-492766	-1.3	
25	25.7	1435.1	31.1	-10.3	5.6	-2.3	-6.6	-496741	-1.2	
25	25.4	1435	32.3	-9.7	5.8	-1.1	-7	-500780	-1.1	
25	25.1	1435	32.1	-9.3	5.9	-1	-7.3	-504764	-1.1	
25	24.8	1435.1	32.1	-10.2	5.9	-0.2	-7.3	-508812	-0.9	
25	24.5	1435.5	31.8	-9.4	6.4	-1.2	-7.2	-513177	-1.1	
25	24.2	1435.6	31.8	-9.1	6.3	-0.6	-7.1	-517873	-1.1	
25	23.9	1435.6	32.2	-8.9	6.3	-0.6	-6.8	-522657	-1.3	
25	23.6	1435.6	30.9	-10.7	6.1	-1.1	-6.5	-527529	-1.2	
25	23.3	1435.8	30.7	-10.1	6.3	-0.9	-6.2	-532628	-1.2	
25	23	1436.1	30.9	-9.8	6.4	-1.2	-5.9	-537965	-1.3	
25	22.7	1436.3	30.3	-10	6.4	-2	-5.5	-543411	-1.4	
25	22.4	1436.5	29.8	-10.9	6.4	-2	-5.2	-548823	-1.4	
25	22.1	1436.4	30	-9.5	6.1	-1.8	-5.1	-553905	-1.4	
25	21.8	1436.5	29.6	-10.4	6	-2.1	-5	-558634	-1.5	
25	21.5	1436.4	30	-9.5	6	-2.1	-5	-563445	-1.5	
25	21.2	1436.5	29.3	-10.6	6	-1.7	-5	-568339	-1.5	
25	20.9	1436.3	29.7	-8.6	5.9	-1.2	-5.2	-573633	-1.6	
25	20.6	1436.1	29.2	-9.1	5.7	-1.7	-5.4	-579668	-1.6	
25	20.3	1435.8	29.6	-9.3	5.5	-0.6	-5.5	-586487	-1.5	
25	20	1435.6	28.7	-9.3	5.4	-0.6	-5.6	-593806	-1.4	
25	19.7	1435.3	29	-8.2	5.4	-0.8	-5.9	-601309	-1.4	
25	19.4	1435.3	28.7	-9	5.4	-0.9	-5.9	-609359	-1.4	
25	19.1	1435.2	28.9	-8.4	5.4	-0.8	-5.8	-617628	-1.5	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
25	18.8	1435.3	28.1	-9.4	5.4	-0.9	-5.6	-625750	-1.5	
25	18.5	1435.4	28	-9	5.6	-1	-5.4	-633129	-1.4	
25	18.2	1435.4	27.8	-8.6	5.6	-1	-5.2	-639511	-1.5	
25	17.9	1435.2	27.1	-8.9	5.6	-1.8	-5.1	-644431	-1.5	
25	17.6	1435.1	26.1	-10.6	5.4	-2.3	-5	-648222	-1.6	
25	17.3	1435.2	26.7	-10.7	5.5	-1.6	-4.8	-651449	-1.7	
25	17	1435.1	26.8	-9.3	5.1	-1.9	-4.6	-654095	-2	
25	16.7	1434.8	26.3	-9.5	4.6	-2.1	-4.4	-656350	-2	
25	16.4	1434.5	25.8	-9.7	4.3	-1.9	-4.4	-658621	-2	
25	16.1	1434.1	25.5	-9.5	3.8	-1.9	-4.4	-661535	-1.7	
25	15.8	1433.9	25.4	-8.7	3.6	-2	-4.4	-665107	-1.6	
25	15.5	1433.7	25.2	-8.6	3.4	-1.2	-4.3	-670217	-1.4	
25	15.2	1433.8	24.9	-8.9	3.5	-0.8	-4.2	-677153	-1.4	
25	14.9	1433.8	24.1	-9.6	3.5	-1.2	-4.2	-685579	-1.1	
25	14.6	1433.9	24.7	-8.3	3.5	-0.7	-4.1	-695138	-1.3	
25	14.3	1433.9	23.9	-9.9	3.7	-1.1	-4.1	-706396	-1.1	
25	14	1433.9	23.4	-9.5	3.8	-1.3	-4.2	-719010	-1.2	
25	13.7	1433.9	23.5	-9.5	4.1	-0.8	-4.3	-732595	-1.2	
25	13.4	1434	23.7	-8.6	4	-0.6	-4.2	-746703	-1.3	
25	13.1	1434	22.8	-8.3	4.2	-1.3	-4.2	-761089	-1.2	
25	12.8	1434	22.4	-9.9	4.2	-0.9	-4.2	-775465	-0.9	
25	12.5	1433.9	21.7	-10.4	4.5	-1.2	-4.3	-789203	-0.8	
25	12.2	1433.9	21.4	-10.7	4.6	-1.4	-4.3	-801591	-0.7	
25	11.9	1433.8	21.5	-10.3	4.5	-1.3	-4.2	-813425	-0.8	
25	11.6	1434.1	21.1	-10.7	4.7	-0.7	-3.9	-824313	-0.8	
25	11.3	1434.2	20.8	-11.4	4.7	-1.4	-3.7	-834498	-1.2	
25	11	1434.4	20.6	-10.3	4.6	-1.4	-3.4	-844256	-1.2	
25	10.7	1434.2	20.7	-10	4.2	-1.2	-3.2	-854594	-1.1	
25	10.4	1434.1	19.9	-11	4	-1.2	-3	-865188	-1	
25	10.1	1433.6	20.1	-10.2	3.5	-0.6	-3	-876048	-1.2	
25	9.8	1433.3	19.5	-10.3	3.2	-1	-3	-887184	-1.1	
25	9.5	1433.1	20.1	-9.9	3	-0.7	-2.9	-900152	-1.3	
25	9.2	1432.7	18.7	-10.9	2.6	-1.4	-2.9	-913904	-1.1	
25	8.9	1432.6	18.5	-11.5	2.5	-1.7	-2.9	-928906	-1.3	
25	8.6	1432.4	17.9	-11.4	2.5	-1.3	-3.1	-944409	-1	
25	8.3	1432.4	18.8	-10.9	2.6	-1	-3.2	-960437	-1.2	
25	8	1432.2	17.8	-11.4	2.5	-0.8	-3.3	-977020	-0.8	
25	7.7	1432.2	17.3	-12.3	2.9	-1.2	-3.4	-994657	-0.7	
25	7.4	1432.2	17.5	-11.2	3.1	-0.8	-3.4	-1013433	-0.9	
25	7.1	1432.2	17.6	-11.4	3.6	-1.2	-3.6	-1032932	-1.1	
25	6.8	1432	16.9	-11.8	3.9	-1.1	-4	-1052137	-1.3	
25	6.5	1431.8	17	-11.9	4	-0.8	-4.2	-1070973	-1.2	
25	6.2	1431.7	15.8	-12.3	3.9	-1.5	-4.3	-1089929	-1.2	
25	5.9	1431.8	16.6	-11.4	3.9	-1.4	-4.3	-1109567	-1.3	
25	5.6	1431.8	15.7	-12.1	3.9	-1.7	-4.2	-1129926	-1.4	
25	5.3	1431.9	15.5	-11.6	3.5	-1.1	-3.8	-1151046	-1.2	
25	5	1431.8	15.2	-10.9	3	-1.3	-3.5	-1172971	-1.2	
25	4.7	1431.4	15.3	-11.4	2.3	-1.3	-3.1	-1195064	-1.3	
25	4.4	1431.5	14.7	-12.1	1.8	-1.5	-2.4	-1217298	-1.2	
25	4.1	1431.5	14.6	-11.7	1.2	-1.3	-1.9	-1240374	-1.1	
25	3.8	1431.8	14.4	-11.4	0.9	-1.2	-1.4	-1265107	-1.4	
25	3.5	1431.9	14.6	-10.9	0.6	-1.9	-1.1	-1291642	-1.9	
25	3.2	1432.1	14.2	-11.2	0.4	-2	-0.9	-1319314	-2.1	
25	2.9	1432.2	13.5	-11.7	0.4	-2	-0.8	-1347331	-1.6	
25	2.6	1432.3	13.1	-11.8	0.6	-2.1	-0.8	-1375658	-1.6	
25	2.3	1432.3	13	-11.1	1.3	-2.1	-1.1	-1406146	-1.5	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
25	2	1432.3	13.1	-11.6	1.5	-1.6	-1.3	-1439005	-1.6	
25	1.7	1432.6	12.6	-11.3	2.3	-1.8	-1.6	-1473435	-1.4	
25	1.4	1432.8	12.7	-10.7	2.6	-1.3	-1.9	-1507380	-1.3	
25	1.1	1433	12.6	-10.9	2.9	-1.5	-2.1	-1541790	-1.4	
25	0.8	1433.3	12.6	-11.1	3.1	-1.6	-2.2	-1574249	-1.6	
25	0.5	1433.3	12.2	-10.6	3.1	-1.2	-2.4	-1606870	-1.5	
25	0.2	1433.2	12	-10.4	3.1	-0.8	-2.5	-1640871	-1.3	
24	999.9	1432.8	11.8	-9.9	2.7	-0.6	-2.6	-1676342	-1.3	
24	999.6	1432.7	11.6	-9.8	2.6	-1	-2.5	-1711980	-1.4	
24	999.3	1432.3	11.5	-10	2.1	-0.6	-2.4	-1747705	-1.3	
24	999	1432.4	11	-10.1	1.8	-0.6	-2.1	-1781916	-1.2	
24	998.7	1432.6	10.8	-10	1.7	-1.3	-1.9	-1814342	-1.6	
24	998.4	1432.7	11	-9.6	1.4	-1.4	-1.7	-1852877	-1.9	
24	998.1	1432.9	10.4	-10.3	1.3	-2.2	-1.5	-1893084	-2	
24	997.8	1432.9	9.8	-10.1	1.1	-1.7	-1.3	-1938658	-1.7	
24	997.5	1433.1	9.3	-10.8	1.2	-2.2	-1.1	-1990257	-1.6	
24	997.2	1433	9.4	-10.1	1	-1.8	-0.9	-2048680	-1.6	
24	996.9	1432.7	9.1	-11	1	-2	-0.9	-2119181	-1.7	
24	996.6	1432.7	8.1	-10.6	1	-2.2	-0.9	-2206270	-1.4	
24	996.3	1432.6	8.5	-10	1	-1.8	-1	-2310983	-1.4	
24	996	1432.8	8.5	-9.4	1.2	-2.1	-1	-2434594	-1.6	
24	995.7	1432.9	8.9	-9.9	1.1	-1.1	-1	-2575339	-1.6	
24	995.4	1433	7.7	-10.1	1.1	-1.3	-0.9	-2740511	-1.2	
24	995.1	1433.2	8	-9.3	1.2	-0.9	-0.8	-2916087	-1.3	
24	994.8	1433.1	7.7	-9.8	1.3	-0.9	-0.9	-3101852	-1.3	
24	994.5	1433	7.4	-10.2	1.5	-1.2	-0.9	-3286892	-1.2	
24	994.2	1432.8	6.9	-10	1.3	-0.5	-0.9	-3449341	-1	
24	993.9	1432.7	7	-10	1.5	-0.9	-0.9	-3585189	-1.1	
24	993.6	1432.6	7	-8.8	1.2	-0.4	-0.9	-3686180	-1.2	
24	993.3	1432.7	6.4	-10.2	1.3	-1.4	-0.8	-3758977	-1.1	
24	993	1432.6	5.8	-9.9	1.1	-0.9	-0.9	-3799910	-1	
24	992.7	1432.5	6	-9.5	0.9	-1.2	-1	-3799910	-1.1	
24	992.4	1432.4	5.3	-9.9	0.8	-1.9	-1	-3779333	-1.3	
24	992.1	1432.1	5.7	-9.6	0.4	-1.1	-0.9	-3765738	-1.4	
24	991.8	1432	4.6	-10.1	0.3	-2.1	-0.8	-3765738	-1.5	
24	991.5	1431.7	5.2	-9.4	0	-1.8	-0.7	-3793026	-1.7	
24	991.2	1431.7	3.9	-10.5	0.1	-2.9	-0.6	-3855894	-1.7	
24	990.9	1431.6	4.5	-10.1	0.1	-1.6	-0.6	-3950472	-1.5	
24	990.6	1431.8	3.7	-10.5	0.3	-1.8	-0.5	-4073444	-1.4	
24	990.3	1432	4.2	-9.3	0.3	-1.2	-0.3	-4272960	-1.3	
24	990	1432.2	4.1	-9	0.3	-1.2	-0.3	-4541757	-1.6	
24	989.7	1432.2	3.5	-9.5	0.4	-1.9	-0.4	-4903396	-1.5	
24	989.4	1432.3	3.6	-9.5	0.4	-1.2	-0.4	-5341199	-1.6	
24	989.1	1432.2	3.6	-9	0.8	-1.3	-0.6	-5881320	-1.7	
24	988.8	1431.8	3.2	-9.5	0.5	-0.9	-0.8	-6462192	-1.6	
24	988.5	1431.6	2.7	-9.9	0.3	-1.8	-0.7	-7145905	-1.5	
24	988.2	1431.4	2.5	-10.1	0.2	-1.2	-0.8	-7991412	-1.2	
24	987.9	1431.6	2.3	-9.9	0.2	-1.5	-0.7	-9024785	-1.1	
24	987.6	1431.9	2.1	-9.9	0.2	-1.7	-0.6	-1E+07	-1.5	
24	987.3	1432.3	2.1	-9.7	0.3	-1.7	-0.4	-1.2E+07	-1.6	
24	987	1432.5	1.8	-9.8	0.3	-2.4	-0.2	-1.3E+07	-1.8	
24	986.7	1432.4	1.3	-10.2	0.2	-2.2	-0.1	-1.5E+07	-1.4	
24	986.4	1432.5	1.2	-9.8	0.4	-2.6	0.1	-1.7E+07	-1.6	
24	986.1	1432.4	1.6	-9.2	0.3	-1.9	0.3	-1.9E+07	-1.7	
24	985.8	1432.2	1.3	-9.7	0.1	-2.2	0.4		-1.6	
24	985.5	1432.3	1.3	-9.1	-0.2	-1.6	0.7		-1.4	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
24	985.2	1432.4	0.5	-9.3	-0.1	-2.1	0.8		-1.4	
24	984.9	1432.5	0.9	-8.4	-0.3	-1.9	0.8		-1.3	
24	984.6	1432.5	1.2	-8.2	-0.5	-1.9	0.7		-1.5	
24	984.3	1432.4	0.7	-8.4	-0.6	-1.9	0.6		-1.3	
24	984	1432.2	1.2	-6.9	-0.6	-1.4	0.4		-1.3	
24	983.7	1432.1	0.9	-7.6	-0.6	-1.8	0.2		-1.5	
24	983.4	1432.1	1.4	-7.1	-0.2	-1.1	0		-1.5	
24	983.1	1431.9	0.6	-8.3	0	-1	-0.3		-1	
24	982.8	1431.6	0.3	-7.4	0	-0.9	-0.8		-0.9	
24	982.5	1431.8	1	-7	0.6	-0.5	-1.1		-1.1	
24	982.2	1432	1.4	-6.3	1.2	-0.7	-1.3		-1.5	
24	981.9	1432.3	1.4	-6	1.7	-0.6	-1.3		-1.6	
24	981.6	1432.4	1.3	-5.6	1.9	-1.1	-1.2		-1.6	
24	981.3	1432.5	0.9	-6.1	2.2	-1.5	-1		-1.8	
24	981	1432.3	0.8	-6.2	1.8	-1.3	-0.8		-1.9	
24	980.7	1432.1	0	-6.4	1.4	-1.7	-0.6		-1.6	
24	980.4	1432.3	0.1	-5.7	1	-1.2	0		-1.5	
24	980.1	1432	-0.2	-6.2	0.1	-1.9	0.4		-1.6	
24	979.8	1431.8	0	-5.3	-0.9	-2.5	0.8		-1.8	
24	979.5	1431.4	0.1	-5.6	-1.7	-2.1	1		-1.9	
24	979.2	1431.2	0.4	-4.2	-2.4	-2	1.2		-2.2	
24	978.9	1430.6	0.4	-4.8	-3	-1.7	1.1		-2.2	
24	978.6	1430.4	-1	-4.9	-3.2	-1.9	1.2		-0.8	
24	978.3	1430.7	-0.5	-5	-3	-1.1	1.4		-1.1	
24	978	1430.9	-0.7	-4.4	-2.8	-1.2	1.5	19208716	-1.1	
24	977.7	1431.3	-0.8	-5	-2.2	-1.2	1.5	17895299	-1	
24	977.4	1431.8	0	-4.1	-1.3	-1.6	1.4	16750000	-1.3	
24	977.1	1431.9	-0.8	-4.3	-0.6	-1.9	1.1	15742481	-1	
24	976.8	1432.3	-0.9	-4.5	0	-1.7	1	14744718	-0.6	
24	976.5	1432.5	-1.1	-4.7	0.8	-1.6	0.7	13865894	-0.7	
24	976.2	1432.5	-0.6	-3.8	1	-0.6	0.5	13085938	-0.8	
24	975.9	1432.6	-1	-3.7	1.2	-1.4	0.3	12612952	-0.8	
24	975.6	1432.2	-1.2	-3.7	1.2	-1	-0.1	12316177	-0.6	
24	975.3	1432.1	-1	-3.3	1.6	-1.4	-0.6	12172965	-0.8	
24	975	1431.6	0.6	-1.5	1.2	-0.3	-1.1	12102601	-1.2	
24	974.7	1431.5	0.1	-2	1.3	-0.5	-1.2	12033046	-1.3	
24	974.4	1431.3	0	-1.8	0.8	-0.3	-1.1	12033046	-1.1	
24	974.1	1431.5	-0.8	-2.1	0.7	-1.3	-0.9	12102601	-1	
24	973.8	1431.6	-0.6	-1.8	0.8	-1.3	-0.8	12244152	-1.2	
24	973.5	1431.5	-0.3	-1.9	0.6	-1	-0.7	12462798	-1.3	
24	973.2	1431.3	-0.8	-2.1	0.4	-1.3	-0.5	12537425	-1.4	
24	972.9	1431	0	-1.3	0	-0.9	-0.2	12462798	-1.5	
24	972.6	1431.1	-0.5	-1	-0.1	-2	0.4	12244152	-1.4	
24	972.3	1430.8	-0.6	-1.5	-0.6	-1.4	0.7	11964286	-1.2	
24	972	1430.9	-0.7	-1.9	-0.6	-1.9	1	11631945	-1.1	
24	971.7	1430.9	0.2	-0.5	-0.8	-0.6	1.1	11379076	-1	
24	971.4	1430.8	-0.3	-1.5	-1.2	-1.6	1.2	11136968	-0.8	
24	971.1	1430.7	-0.2	-1.1	-1.4	-1.2	1.2	10848446	-0.6	
24	970.8	1430.6	-0.6	-2	-1.4	-1.4	1.1	10521357	-0.3	
24	970.5	1430.4	-0.2	-0.8	-1.4	-0.6	1	10163835	-0.1	
24	970.2	1430.1	-0.3	-0.6	-1.5	-0.6	0.7	9970238	0	
24	969.9	1429.9	-0.9	-1.9	-1.3	-1	0.4	9829812	0	
24	969.6	1429.8	0.3	-1.1	-1.1	0	0.1	9783879	-0.1	
24	969.3	1429.8	0.5	-0.9	-0.9	-0.7	-0.2	9693287	-0.6	
24	969	1430.1	1.7	0.4	-0.6	0.8	-0.2	9604358	-0.9	
24	968.7	1430.2	1.1	0.2	-0.6	-0.5	-0.2	9517046	-1.2	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
24	968.4	1430.4	1.9	1.1	-0.6	0.2	0	9560502	-1.7	
24	968.1	1430.6	0.7	0.7	-0.6	-1.4	0.1	9648618	-1.8	
24	967.8	1430.7	1.2	1.1	-0.4	-1.2	0.1	9783879	-2.3	
24	967.5	1430.8	0.9	1.1	-0.4	-1.4	0.2	10017943	-2.7	
24	967.2	1430.7	1.2	1.2	-0.6	-1.8	0.4	10314040	-2.6	
24	966.9	1430.9	0.9	0.8	-0.7	-2.3	0.7	10682398	-2.7	
24	966.6	1431	0.3	-0.1	-0.8	-3.1	0.8	11196524	-2.8	
24	966.3	1431.3	1	0.6	-0.8	-2.5	1	11896307	-2.8	
24	966	1431.5	0.6	1.6	-0.6	-3.8	0.9	12766768	-2.8	
24	965.7	1431.8	0.8	1.3	-0.4	-2	0.8	13774671	-2.6	
24	965.4	1431.9	0.5	1.2	-0.6	-2.8	0.9	14641608	-2.1	
24	965.1	1432.1	0.1	0.9	-0.3	-1.8	0.9	15062950	-1.9	
24	964.8	1432.1	0.5	0.5	-0.3	-2.2	0.9	14849291	-2	
24	964.5	1431.9	0.5	1.3	-0.3	-1.9	0.7	14243197	-2.1	
24	964.2	1432	-0.4	0.5	0	-2.5	0.5	13421474	-2.1	
24	963.9	1432	0.4	1.5	0.3	-1.7	0.2	12316177	-2.2	
24	963.6	1432	1.4	2	0.5	-0.8	-0.1	11019737	-2.2	
24	963.3	1432.2	-0.2	0.8	0.4	-1.6	-0.1	9783879	-1.6	
24	963	1432.5	1.2	2.4	0.7	-0.6	-0.2	8723959	-1.6	
24	962.7	1432.2	-0.9	0.1	0.6	-1.7	-0.5	7900944	-0.7	
24	962.4	1432.2	0.3	-0.3	0.7	-0.5	-0.7	7398410	-0.8	
24	962.1	1432.1	-0.4	-0.5	0.8	-1.4	-0.8	7145905	-1	
24	961.8	1431.9	-0.4	-0.4	0.7	-0.8	-0.9	7121599	-1	
24	961.5	1431.7	-1.2	-0.4	0.4	-1.8	-0.8	7295296	-0.4	
24	961.2	1431.8	-0.6	0	0.3	-1.6	-0.5	7697610	-0.3	
24	960.9	1431.9	-1.1	-0.8	0.2	-1.3	-0.2	8375000	-0.2	
24	960.6	1432.1	-0.1	0.7	0.1	-1.6	0.1	9347098	-0.6	
24	960.3	1432.2	0.2	0.2	0.1	0.1	0.4	10682398	-0.8	
24	960	1432.4	-0.4	0.1	0.1	-1.6	0.7	12244152	-0.9	
24	959.7	1432.2	-0.4	0.2	-0.3	-1.2	0.9	13774671	-0.7	
24	959.4	1432.2	-0.8	-0.1	-0.3	-1.5	1.2	14744718	-0.8	
24	959.1	1432.2	0	-0.2	-0.3	-0.5	1.4	14744718	-1.5	
24	958.8	1431.9	0	0.3	-0.1	-1.9	1.3	13958333	-1.8	
24	958.5	1431.5	0.3	0.5	-0.1	-1.5	1.1	12612952	-2.1	
24	958.2	1431.2	0.6	1.2	-0.5	-1.8	1.2	11256721	-1.9	
24	957.9	1431.2	-0.5	-0.3	-0.6	-3	1.2	10163835	-2	
24	957.6	1431	0.4	0.7	-1	-2	1	9431306	-2.2	
24	957.3	1431.1	0.6	1.5	-0.7	-2.3	0.8	9063853	-2.4	
24	957	1430.7	0.2	-0.1	-0.9	-2.1	0.4	9063853	-2	
24	956.7	1430.5	-0.7	-1.2	-1	-2.8	0.1	9431306	-1.7	
24	956.4	1429.7	0.8	-0.9	-1.5	-1.6	-0.4	10114734	-2.2	
24	956.1	1429.2	0.6	-0.5	-2	-2.2	-0.7	11256721	-2.4	
24	955.5	1429.1	0.9	0.2	-2	-1.8	-1	14439655	-2.6	
24	955.2	1429.5	0.9	-0.3	-1.5	-1.9	-1	15861743	-2.7	
24	954.9	1429.8	1.4	0.5	-1.3	-1.5	-0.9	16486221	-2.9	
24	954.6	1430.3	1.4	0.2	-0.6	-1.7	-0.6	15982825	-2.9	
24	954.3	1430.6	0.9	0	-0.5	-1.3	-0.2	14849291	-2.6	
24	954	1431.3	0.5	0.2	0.2	-2.1	0.5	13421474	-2.3	
24	953.7	1432.2	0.5	-0.5	0.8	-1.9	1.2	11964286	-2.2	
24	953.4	1432.7	0.7	0.1	1.1	-1.9	1.7	10682398	-1.9	
24	953.1	1433.1	0.7	-0.1	1.1	-2.1	2.1	9783879	-1.5	
24	952.8	1433	-0.2	-0.7	0.7	-2.6	2.3	9143013	-1.1	
24	952.5	1432.8	-0.5	-0.6	0.5	-2.6	2.2	8687760	-0.8	
24	952.2	1432.4	0.2	-0.3	0.2	-1.6	1.7	8408635	-0.5	
24	951.9	1432.1	0	-0.5	0.2	-1.6	1.1	8243110	-0.3	
24	951.6	1431.6	-0.1	0.3	-0.1	-1.1	0.4	8052885	-0.2	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
24	951.3	1431.2	-0.2	-0.6	-0.2	-1	-0.3	7900944	-0.1	
24	951	1430.8	0.4	-1	-0.5	-0.5	-1	7871241	-0.4	
24	950.7	1430.7	1.7	1.9	-0.5	0.5	-1.5	7900944	-0.6	
24	950.4	1430.5	1.7	0.5	-0.5	0.7	-1.8	7991412	-0.9	
24	950.1	1430.5	1.2	2.1	-0.2	0.4	-1.8	8083977	-1	
24	949.8	1430.8	1.3	1	0.2	-0.1	-1.5	8210785	-1.4	
24	949.5	1431	1.8	2.2	0.1	-0.4	-0.9	8375000	-1.9	
24	949.2	1431.2	1.1	1.5	0.1	-1.4	-0.2	8651860	-2.2	
24	948.9	1431.3	1	2.2	-0.4	-1.2	0.6	9024785	-2.2	
24	948.6	1431.8	0.3	0.9	-0.4	-2	1.4	9264381	-2.1	
24	948.3	1432.4	0.6	1.7	-0.5	-2.3	2	9473982	-2.2	
24	948	1432.5	0.5	0.6	-0.7	-2.8	2.1	9738372	-2.1	
24	947.7	1432.1	0.2	0	-1.2	-2.6	1.7	10017943	-1.9	
24	947.4	1431.7	-0.2	0.2	-1.4	-2.4	1.1	10314040	-1.4	
24	947.1	1431.4	0.6	1	-1.3	-1.1	0.4	10521357	-1.2	
24	946.8	1431	0.7	1.5	-1.3	-0.8	-0.2	10521357	-1	
24	946.5	1430.9	0.2	0.2	-0.9	-1.2	-0.7	10365099	-1	
24	946.2	1430.8	0.1	0.1	-0.8	-1	-1.1	10017943	-0.9	
24	945.9	1431.1	-0.2	-0.5	-0.5	-1.4	-1.3	9648618	-0.9	
24	945.6	1431.8	0.8	0.2	0	-0.2	-1.1	9223568	-1.1	
24	945.3	1432.6	0.7	1.2	0.4	-0.3	-0.4	8797269	-1.3	
24	945	1433.1	0.4	0	0.3	-0.3	0.4	8375000	-1.3	
24	944.7	1433.6	-0.7	-1.3	0	-1.8	1.3	8022031	-1.1	
24	944.4	1433.7	-0.1	-0.3	-0.1	-2	1.7	7812500	-1.5	
24	944.1	1433.8	-0.1	0.6	-0.4	-2.2	2	7726015	-1.7	
24	943.8	1433.6	0.1	-0.7	-0.7	-2.1	2.1	7841760	-1.9	
24	943.5	1433.4	0.1	-0.5	-0.9	-1.5	2	8146887	-1.9	
24	943.2	1433.3	-0.6	-1.7	-1.1	-3.1	1.7	8580943	-1.9	
24	942.9	1433.2	-0.8	-1.7	-1.2	-2.7	1.3	9183114	-2	
24	942.6	1433.1	-0.9	-1.8	-1.1	-3.1	0.7	9970238	-2.1	
24	942.3	1433.1	-0.5	-1.9	-0.7	-1.9	0.1	10848446	-2.2	
24	942	1433.2	0.2	-1.2	0	-1.3	-0.3	11567680	-2.2	
24	941.7	1433.5	0.6	-0.3	0.3	-0.9	-0.3	11829096	-2.4	
24	941.4	1433.6	0.5	0	0.8	-1.7	-0.3	11631945	-2.5	
24	941.1	1433.6	-0.4	-0.9	1.1	-2.9	-0.4	11019737	-2.6	
24	940.8	1433.6	0.4	-0.3	1.5	-1.4	-0.3	10314040	-2.6	
24	940.5	1433.7	-0.9	-1.6	1.8	-2.9	-0.2	9693287	-2.7	
24	940.2	1433.8	-0.2	0	1.7	-2.4	0.1	9223568	-2.8	
24	939.9	1433.8	-0.8	-0.3	1.7	-3.5	0.3	8909575	-2.7	
24	939.6	1433.4	-1.3	-1.5	1.1	-3.5	0.4	8760460	-2	
24	939.3	1433.1	-1.6	-1.6	0.7	-3.6	0.4	8797269	-1.2	
24	939	1432.6	-0.8	-0.7	0.1	-2.5	0.4	9024785	-1	
24	938.7	1432.3	-0.2	0	-0.5	-1.5	0.7	9517046	-0.9	
24	938.4	1431.5	-0.9	-1.3	-1.1	-2	0.6	10213415	-0.6	
24	938.1	1431	-0.6	-2.3	-1.6	-1.4	0.6	11078042	-0.5	
24	937.8	1430.9	-0.2	-1.9	-1.8	-0.8	0.6	11762641	-0.6	
24	937.5	1430.6	0.5	-0.7	-2.1	-0.1	0.4	11829096	-0.7	
24	937.2	1430.6	0.2	-1.1	-2.2	-0.4	0.4	11317568	-0.8	
24	936.9	1430.5	0.9	-0.9	-2.4	0.7	0.4	10468750	-0.7	
24	936.6	1430.6	0.9	-0.2	-2.3	-0.2	0.4	9560502	-0.9	
24	936.3	1430.6	1.3	0.3	-2.3	-0.2	0.3	8723959	-1.1	
24	936	1430.4	0.7	0.4	-2.1	-1.2	0.1	8022031	-1.5	
24	935.7	1430.4	1.5	0.9	-1.9	-0.8	0.1	7504480	-1.8	
24	935.4	1430.5	0.3	-0.2	-1.7	-2.1	0.1	7195017	-2	
24	935.1	1430.8	0.7	0.5	-1.2	-2.1	0.2	7145905	-2.4	
24	934.8	1431.4	0.9	1.1	-0.5	-2.1	0.2	7372359	-2.7	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
24	934.5	1431.9	0.6	0	0.2	-3.1	0.1	7930871	-3	
24	934.2	1432.4	1.2	0.5	0.5	-2.5	0.1	8723959	-3	
24	933.9	1432.8	1	0.8	0.9	-3.2	0.1	9783879	-3.2	
24	933.6	1433.2	1.7	1.6	1.1	-2.8	0.2	11019737	-3.5	
24	933.3	1433.4	1.6	1.8	1.2	-3.3	0.4	12244152	-3.7	
24	933	1433.3	0.9	0.1	1.2	-3	0.5	13251582	-3.5	
24	932.7	1432.9	0.4	-0.3	0.7	-3.4	0.5	13774671	-3.2	
24	932.4	1432.8	0.5	0.1	0.3	-3.6	0.5	13774671	-3	
24	932.1	1432.8	0.5	1.2	0.1	-2.8	0.5	13168239	-2.6	
24	931.8	1433	0.6	0.7	-0.2	-2.9	0.7	12537425	-2.4	
24	931.5	1433.1	0.7	0.8	-0.4	-2.4	0.7	12244152	-2.1	
24	931.2	1433.4	1.3	1.2	-0.3	-2.4	0.7	12244152	-2.4	
24	930.9	1433.2	0.9	0.8	-0.4	-2.8	0.3	12316177	-2.4	
24	930.6	1432.8	0.6	1.2	-0.4	-1.9	-0.2	12689394	-2	
24	930.3	1432.6	0.6	1.4	-0.2	-1.2	-0.7	13251582	-1.9	
24	930	1432.5	1.3	2.2	0	-1.1	-1	14340754	-1.9	
24	929.7	1432.5	0.9	1.4	0.1	-1.2	-1.1	15861743	-1.9	
24	929.4	1432.6	1	0.8	0.1	-1.4	-1	17594538	-2.1	
24	929.1	1432.8	1	0.4	0.3	-1.5	-0.8	19208716	-2.1	
24	928.8	1432.9	0.9	0.4	0.2	-1.7	-0.6		-2	
24	928.5	1433.2	0.9	1.3	0.3	-1.4	-0.1		-2	
24	928.2	1433.4	0.1	-0.3	0.5	-1.8	0.4		-1.9	
24	927.9	1434	-0.5	0.4	0.5	-1.8	1		-1.3	
24	927.6	1434.3	0.5	0.7	0.3	-1.2	1.6		-1.3	
24	927.3	1434.2	-0.1	0.7	0	-2	1.9		-1.5	
24	927	1434	0	1.3	-0.2	-2.4	1.9		-1.8	
24	926.7	1433.5	0.1	1.7	-0.6	-2.6	1.7		-1.9	
24	926.4	1433.2	0	0.8	-0.5	-2.3	1.4		-1.8	
24	926.1	1432.8	-0.2	0	-0.8	-2.1	1		-1.6	
24	925.8	1432.3	-0.5	0.4	-1.1	-2.1	0.5		-1.5	
24	925.5	1432.3	-0.5	0.1	-1.2	-1.4	0.1		-1.3	
24	925.2	1432.2	-0.4	-0.2	-1.3	-2	-0.2		-1	
24	924.9	1432.1	-0.1	-0.6	-1.4	-0.3	-0.5		-0.7	
24	924.6	1432.1	0.2	0	-1.3	-0.7	-0.7	18049569	-0.5	
24	924.3	1432	0.6	-0.3	-1.2	-0.1	-0.7	16230620	-0.4	
24	924	1431.7	0.2	-0.7	-1.4	-0.2	-0.6	15282847	0	
24	923.7	1431.9	-0.2	-1.5	-1.2	-0.2	-0.3	14955357	0.1	
24	923.4	1432.3	0.1	-0.6	-0.9	0	0.1	15395221	-0.1	
24	923.1	1432.7	-0.2	-1.7	-0.6	-0.3	0.4	16885081	-0.5	
24	922.8	1433.2	0.7	0.4	-0.4	0	0.7	19940476	-0.8	
24	922.5	1433.7	-0.8	-1.5	0.4	-2	0.7		-1	
24	922.2	1434.3	0.9	0	1	-0.5	0.8		-1.3	
24	921.9	1434.3	0.6	0	1.4	-1.5	0.5		-1.7	
24	921.6	1434.2	0.9	-0.3	2	-1.4	0.1		-2	
24	921.3	1433.9	0.3	-0.7	2.1	-1.4	-0.3		-2.1	
24	921	1433.9	0.4	-1.3	2.2	-1.4	-0.5		-2.2	
24	920.7	1433.6	-0.3	-1.9	2	-1.8	-0.8		-2.2	
24	920.4	1433.5	0.2	-0.7	1.9	-1.7	-0.9		-2.6	
24	920.1	1433.1	0.5	0.1	1.5	-1.1	-1.1		-2.8	
24	919.8	1433	0	-0.5	1.1	-2.4	-1.1	16885081	-3.2	
24	919.5	1432.7	0.2	-0.3	0.6	-2.4	-0.9	12924383	-3.4	
24	919.2	1432.5	0.3	-0.3	0.1	-2.6	-0.6	10792526	-3.5	
24	918.9	1432.3	-0.5	-1.2	-0.1	-2.8	-0.4	9693287	-3.3	
24	918.6	1432.2	-0.8	-2.1	-0.4	-2.9	-0.2	9143013	-3.1	
24	918.3	1432.1	-1.1	-2	-0.5	-2.4	-0.1	9063853	-2.9	
24	918	1431.8	-2	-2.6	-0.7	-3.2	-0.1	9389014	-2.7	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
24	917.7	1431.7	-1.7	-2.3	-0.7	-2.5	-0.1	10163835	-2.4	
24	917.4	1431.7	-2.5	-3.8	-0.6	-2.5	-0.2	11567680	-2.2	
24	917.1	1431.7	-2.2	-3.1	-0.5	-2	-0.2	13684641	-1.9	
24	916.8	1431.8	-2.1	-3.1	-0.6	-2.1	0	16617064	-1.7	
24	916.5	1431.7	-2.3	-3.3	-0.7	-1.9	0.2	19752359	-1.6	
24	916.2	1431.7	-2.3	-3.2	-1	-1.8	0.5		-1.6	
24	915.9	1431.8	-2.8	-3.7	-1	-2.7	0.8		-1.8	
24	915.6	1431.7	-3.1	-3.2	-1.2	-2.2	1.1		-1.8	
24	915.3	1431.9	-3.7	-3.2	-1.2	-3.1	1.5		-1.9	
24	915	1432	-4.3	-4.8	-1.2	-3.1	1.7		-2	
24	914.7	1432.1	-4.3	-4.2	-1.2	-3.9	1.7		-2.5	
24	914.4	1432.2	-3.7	-3.7	-1.1	-3.7	1.4		-2.9	
24	914.1	1432.2	-3.5	-3.6	-0.8	-3.6	0.9	19752359	-3.1	
24	913.8	1432.2	-3.3	-3.3	-0.6	-3.4	0.4	19940476	-3.2	
24	913.5	1432	-2.7	-2.5	-0.4	-2.5	-0.2		-3.4	
24	913.2	1431.8	-3.3	-2.8	0	-3.2	-0.8		-3.5	
24	912.9	1431.5	-3.2	-2.7	0.1	-2.4	-1.4		-3.6	
24	912.6	1431.3	-3.9	-3.5	0.2	-2.8	-1.8		-3.5	
24	912.3	1431.5	-3.7	-3.6	0.4	-1.9	-1.8		-3.3	
24	912	1431.9	-3.6	-3.8	0.4	-1.8	-1.4		-3	
24	911.7	1432.5	-3.7	-4.3	0.5	-1.8	-0.7		-2.9	
24	911.4	1433.1	-4	-4.2	0.5	-2.1	0.1		-2.8	
24	911.1	1433.4	-4.3	-4.1	0.5	-3	0.7		-2.5	
24	910.8	1433.6	-4.1	-4.2	0.4	-2.9	1.4		-2.5	
24	910.5	1433.7	-5.1	-4.9	0.3	-3.7	2		-2.3	
24	910.2	1433.8	-4.9	-5.6	0.1	-3	2.6	18049569	-2.2	
24	909.9	1433.7	-5.9	-5.1	-0.3	-3.8	2.8	15172102	-1.9	
24	909.6	1433.5	-5.9	-6.8	-0.7	-3.9	2.7	13004659	-1.7	
24	909.3	1433.2	-6	-6.6	-1	-3.6	2.2	11504121	-1.4	
24	909	1432.8	-6.1	-7	-1.2	-3.5	1.4	10468750	-1.5	
24	908.7	1432.4	-5	-5.3	-1.4	-2.2	0.7	9783879	-1.6	
24	908.4	1431.8	-4	-4.4	-1.7	-1.7	0.1	9305556	-1.6	
24	908.1	1431.2	-4.2	-3.9	-1.9	-1.4	-0.4	9024785	-1.6	
24	907.8	1430.8	-4.2	-4.4	-2	-1.6	-0.7	8834388	-1.6	
24	907.5	1430.9	-4.4	-4.9	-1.7	-1.3	-0.9	8797269	-1.9	
24	907.2	1431	-3.8	-3.8	-1.3	-0.9	-0.9	8834388	-2	
24	906.9	1431.5	-3.9	-4.1	-0.5	-0.8	-0.8	8986052	-2.1	
24	906.6	1432.1	-4.2	-4.5	0	-1	-0.3	9347098	-2.2	
24	906.3	1432.8	-4.4	-3.9	0.7	-2	0.1	9970238	-2.4	
24	906	1433.2	-3.7	-2.9	1.3	-2.1	0.4	10904948	-2.6	
24	905.7	1433.4	-3.7	-2.6	1.7	-2.4	0.5	12244152	-2.8	
24	905.4	1433.3	-3.6	-1.6	2	-2.7	0.4	14052014	-3.2	
24	905.1	1433.3	-4.1	-2.4	2.2	-2.7	0.3	16617064	-3.3	
24	904.8	1432.9	-4	-1.5	2	-2.9	0		-3.6	
24	904.5	1432.4	-4.4	-2.2	1.6	-3.4	-0.3		-3.5	
24	904.2	1432	-4.6	-2.5	0.8	-3.3	-0.5		-3.2	
24	903.9	1431.6	-4.7	-2.4	0.2	-3	-0.7		-2.9	
24	903.6	1431.3	-4.5	-2.2	-0.4	-2.8	-0.7		-2.6	
24	903.3	1431.2	-3.9	-1.1	-0.7	-1.8	-0.6		-2.2	
24	903	1431	-3.9	-0.8	-1	-1.8	-0.5		-1.9	
24	902.7	1430.7	-4.9	-1.2	-1.3	-1.7	-0.5	19208716	-1.2	
24	902.4	1430.7	-5.5	-1.2	-1.5	-1.7	-0.2	16357422	-0.8	
24	902.1	1430.8	-5.1	-0.8	-1.5	-1	0.1	14340754	-0.7	
24	901.8	1431.3	-4.8	-1.1	-1.1	-0.6	0.4	13168239	-0.8	
24	901.5	1431.5	-4.7	-1.2	-0.9	-0.8	0.5	12689394	-1.1	
24	901.2	1431.6	-4.9	-1.6	-0.6	-1.1	0.6	12689394	-1.2	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
24	900.9	1431.7	-4.8	-2.1	-0.6	-1.5	0.7	12924383	-1.4	
24	900.6	1431.6	-4.5	-1.2	-0.7	-1.3	0.8	13508065	-1.6	
24	900.3	1431.7	-4.7	-1.5	-0.7	-1.3	1	14439655	-1.9	
24	900	1431.8	-5.2	-1.3	-0.6	-1.5	1.1	16230620	-2.1	
24	899.7	1431.9	-5.3	-1.6	-0.7	-1.7	1.2	19034091	-2.3	
24	899.4	1432.1	-5.4	-1.8	-0.7	-2.3	1.2		-2.5	
24	899.1	1432.2	-5.4	-1.7	-0.7	-2.4	1.2		-2.5	
24	898.8	1432	-5.4	-1.4	-0.7	-2.3	1		-2.5	
24	898.5	1432.1	-5.6	-1.3	-0.4	-2.6	0.9		-2.5	
24	898.2	1431.9	-5.6	-1.5	0.1	-2.7	0.6		-2.4	
24	897.9	1432	-5.7	-0.6	0.4	-2.6	0.4		-2.3	
24	897.6	1431.8	-6.2	-1.3	0.5	-2.8	0		-2.2	
24	897.3	1432	-6.7	-0.8	0.9	-3.1	-0.3		-2.1	
24	897	1432	-6.3	-0.4	0.9	-2.4	-0.6		-1.9	
24	896.7	1432	-6.3	-0.3	0.8	-2.3	-0.9		-1.8	
24	896.4	1431.8	-6.3	-0.2	0.7	-2	-1.2		-1.6	
24	896.1	1431.4	-6.2	-1.2	0.1	-1.7	-1.3		-1.4	
24	895.8	1430.9	-6.2	-2.2	-0.3	-1.6	-1.3		-1.2	
24	895.5	1430.7	-6.1	-1.9	-0.7	-1.5	-1.1		-1.1	
24	895.2	1430.7	-5.9	-1.7	-0.7	-1.2	-0.8		-1.2	
24	894.9	1430.8	-6.2	-1.8	-0.9	-1.5	-0.5		-1.3	
24	894.6	1431.3	-6.1	-2.3	-0.5	-1.7	-0.2		-1.3	
24	894.3	1432.1	-6.1	-2.2	0	-2.2	0.3		-1.5	
24	894	1432.6	-6.4	-2.2	0.5	-2.3	0.5		-1.6	
24	893.7	1433.1	-6.1	-1.7	1	-2.5	0.7		-1.8	
24	893.4	1433.1	-5.9	-2.2	1.3	-2.8	0.6	15625000	-1.9	
24	893.1	1433	-5.8	-2.1	1.5	-3	0.4	12612952	-2.1	
24	892.8	1432.7	-5.5	-1.9	1.3	-2.7	0.2	10682398	-2.2	
24	892.5	1432.4	-5.3	-1.2	1	-2.6	0.1	9389014	-2.4	
24	892.2	1431.9	-5.1	-1.1	0.4	-2.6	0	8511179	-2.5	
24	891.9	1431.5	-4.4	0	-0.2	-2.4	-0.1	8022031	-2.6	
24	891.6	1431.3	-5.2	-0.6	-0.7	-3	-0.1	7841760	-2.7	
24	891.3	1431.3	-4.5	0.2	-1.2	-2.4	0.1	7812500	-2.7	
24	891	1431.5	-3.9	0.6	-1.4	-2.4	0.4	7930871	-2.9	
24	890.7	1431.6	-3.7	0.2	-1.5	-2.6	0.7	8146887	-3.1	
24	890.4	1431.7	-4.1	-0.2	-1.5	-3.4	1	8442541	-3.4	
24	890.1	1431.8	-4.1	0.8	-1.2	-4	1	8871822	-3.8	
24	889.8	1431.8	-3.9	1.6	-0.8	-4.5	0.9	9604358	-4.2	
24	889.5	1431.6	-3.2	1.9	-0.3	-4.6	0.6	10314040	-4.7	
24	889.2	1431.6	-3.3	1.5	0.2	-4.6	0.4	10904948	-5.1	
24	888.9	1431.7	-3.5	1.2	0.7	-5.7	0.1	11379076	-5.6	
24	888.6	1431.8	-2.9	2	1	-6	-0.2	11696928	-6	
24	888.3	1431.8	-2.7	2.1	1.4	-6.4	-0.6	11762641	-6.3	
24	888	1431.8	-2.7	1.8	1.5	-6.1	-0.9	11896307	-6.4	
24	887.7	1431.7	-2.5	2.2	1.2	-6	-1	11964286	-6.4	
24	887.4	1431.5	-2.1	3.1	0.9	-5.3	-0.9	11631945	-6.2	
24	887.1	1431.1	-2.2	3.1	0.3	-5.7	-0.8	11019737	-6.1	
24	886.8	1430.7	-2.4	3	-0.1	-5.3	-0.8	10314040	-5.5	
24	886.5	1430.4	-2.2	3.2	-0.6	-4.4	-0.7	9693287	-4.6	
24	886.2	1430.4	-1.9	3.5	-1	-3.3	-0.5	9103261	-3.7	
24	885.9	1430.5	-1.5	4.1	-1.4	-2.1	-0.3	8511179	-2.6	
24	885.6	1430.7	-1.8	3.8	-1.4	-1.1	-0.1	7991412	-1.4	
24	885.3	1431.1	-1.8	3.9	-1.4	0.1	0.4	7531475	0	
24	885	1431.3	-2.1	4.1	-1.4	0.4	0.7	7195017	1	
24	884.7	1431.5	-2	4.7	-1.2	1.3	1.1	6955980	2.2	
24	884.4	1431.6	-1.9	4.4	-1.4	4.1	1.6	6820033	3.5	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
24	884.1	1431.8	-1.4	4.9	-1.2	4	2	6797890	4.2	
24	883.8	1432.1	-1.7	4.6	-1.3	4.1	2.3	6820033	4.6	
24	883.5	1432.6	-1.2	5	-1	4.2	2.6	6910066	4.6	
24	883.2	1432.6	-1.5	4.7	-1.1	3.7	2.6	7002509	4.8	
24	882.9	1432.6	-1.3	4.8	-1.2	3.3	2.5	7073480	4.8	
24	882.6	1432.4	-0.9	5	-1.2	3.6	2.2	7097458	4.7	
24	882.3	1432.2	0	6.2	-1.2	3.6	2.1	7097458	4.3	
24	882	1432	-2.5	3.6	-1.2	0.5	1.6	7097458	3.7	
24	881.7	1431.7	-0.2	5.9	-1.2	1.6	1	7073480	3.3	
24	881.4	1431.7	-0.6	5.8	-1.1	0.7	0.6	7073480	2.9	
24	881.1	1431.4	-0.1	6	-1.1	-0.2	0.2	7121599	2.1	
24	880.8	1431.5	1	6.9	-0.8	0.6	0	7269965	0.9	
24	880.5	1431.5	2.2	8	-0.7	-0.7	-0.1	7531475	-0.6	
24	880.2	1431.6	2.6	8.1	-0.2	-1	-0.2	7961027	-1.8	
24	879.9	1431.1	3.4	8.7	0	-2.7	-0.7	8408635	-3.2	
24	879.6	1431.7	3.3	8.4	0.3	-0.9	-0.3	8871822	-4.1	
24	879.3	1432.1	4.4	8.8	0.4	-2.8	0.1	9223568	-4.7	
24	879	1432.3	4.9	10.1	0.4	-2.6	0.4	9473982	-5.2	
24	878.7	1432.1	5.5	10	0.3	-2.3	0.5	9604358	-5.3	
24	878.4	1431.9	4.1	8	-0.3	-3.4	0.8	9604358	-4.9	
24	878.1	1432	6	9.7	0.4	-2.2	0.4	9473982	-5.6	
24	877.8	1431.5	4.6	8.7	-0.3	-1.9	0.3	9223568	-4	
24	877.5	1431.4	5.8	9.9	-0.3	-0.9	0.5	8947650	-3.8	
24	877.2	1431.4	2.7	6.6	-0.7	-3.6	0.7	8687760	-3.5	
24	876.9	1431.4	5.3	8.5	-1	-0.6	0.7	8545919	-3.1	
24	876.6	1431.4	5.2	8.5	-0.9	-0.4	0.4	8442541	-3	
24	876.3	1431.2	5.1	8.6	-0.8	-0.2	0.2	8375000	-2.6	
24	876	1431.3	4.2	7.1	-0.7	0	0.3	8275692	-2.2	
24	875.7	1431	3.1	5.8	-1	-1	0.3	8210785	-1.3	
24	875.4	1431.3	2.5	5.2	-0.6	-0.2	0.5	8146887	-1.1	
24	875.1	1431.4	2.3	4.8	-0.5	-0.3	0.5	8178711	-1.1	
24	874.8	1431.2	2.3	4.4	-0.8	0.9	0.5	8275692	-1.1	
24	874.5	1431.3	1.3	3.5	-0.6	-1.6	0.4	8476721	-1.4	
24	874.2	1431.4	0.4	2.8	-0.6	-1.9	0.4	8909575	-1.4	
24	873.9	1431.6	-0.2	2	-0.4	-3	0.4	9648618	-1.6	
24	873.6	1431.5	0	1.9	-0.5	-2.3	0.3	10792526	-2	
24	873.3	1431.4	-0.4	1.1	-0.3	-2.7	0.2	12612952	-2.2	
24	873	1431.3	-1.4	0.4	-0.4	-2.8	0.1	15062950	-2.1	
24	872.7	1431.4	-2.8	-1	-0.3	-4.3	0.1	18694197	-1.9	
24	872.4	1431.7	-2.1	0	0.1	-3.3	0.1		-1.9	
24	872.1	1431.6	-2.2	-0.2	0.1	-2.9	0		-1.8	
24	871.8	1431.9	-3.4	-1.5	0.4	-3.5	0		-1.7	
24	871.5	1431.9	-2.7	-1.3	0.4	-2.1	-0.1		-1.4	
24	871.2	1432.1	-3.6	-1.9	0.6	-3.4	-0.1		-1.2	
24	870.9	1432	-2.8	-1.6	0.7	-1.9	-0.2		-1.2	
24	870.6	1432	-3.9	-2.4	1.1	-3	-0.3		-1.2	
24	870.3	1431.8	-3.1	-1.8	1	-0.6	-0.5		-1.2	
24	870	1431.8	-3.6	-2.7	0.9	-2.3	-0.4	19940476	-1.2	
24	869.7	1431.7	-3.4	-3.4	0.9	-1.6	-0.4	16486221	-1.4	
24	869.4	1431.7	-3.5	-1	0.8	-1.2	-0.3	14439655	-1.5	
24	869.1	1431.7	-3.7	-3.5	0.7	-2.2	-0.2	13251582	-1.6	
24	868.8	1431.6	-2.8	-2.2	0.5	-1.3	-0.2	12537425	-1.6	
24	868.5	1431.6	-3.9	-3.8	0.6	-3.3	-0.2	11964286	-1.7	
24	868.2	1431.1	-2.7	-3.7	0.1	-0.4	-0.3	11567680	-1.6	
24	867.9	1431.2	-4.7	-6.9	0.3	-3.4	-0.3	10848446	-1.4	
24	867.6	1430.9	-2.8	-5.4	0	-1	-0.3	10114734	-1.2	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
24	867.3	1430.8	-4.3	-7.7	-0.1	-2.8	-0.2	9604358	-1.1	
24	867	1430.6	-4.2	-7.5	-0.1	-2	-0.4	9305556	-1.2	
24	866.7	1430.6	-3.6	-8	-0.2	-1.6	-0.5	9103261	-1.3	
24	866.4	1430.5	-2.6	-7.5	-0.3	-1.2	-0.5	8871822	-1.4	
24	866.1	1430.4	-1.7	-7.2	-0.6	-0.5	-0.2	8687760	-1.3	
24	865.8	1430.5	-4	-8.1	-0.3	-2.4	-0.1	8651860	-1.3	
24	865.5	1430.7	-2.3	-8.3	-0.3	-0.9	0.1	8723959	-1.5	
24	865.2	1430.7	-2.3	-6.9	-0.3	-0.8	0.3	8986052	-1.7	
24	864.9	1430.5	-1.7	-7.5	-0.4	-0.2	0.4	9264381	-1.8	
24	864.6	1430.6	-3.3	-6	-0.3	-0.9	0.5	9517046	-1.8	
24	864.3	1430.8	-2.8	-8.1	-0.1	-1.1	0.4	9648618	-2	
24	864	1431	-2.7	-7.9	0.3	-1.7	0.2	9738372	-2.1	
24	863.7	1430.9	-1.1	-6.2	0.3	-0.8	0	9738372	-2.2	
24	863.4	1430.7	-3	-7.2	0.3	-1.4	-0.2	9604358	-2.3	
24	863.1	1430.6	-1.1	-4.2	-0.1	-0.6	-0.1	9389014	-2.4	
24	862.8	1430.5	-3.6	-6.1	-0.1	-2.6	-0.2	9063853	-2.4	
24	862.5	1430.2	-2.2	-4.5	-0.3	-2	-0.2	8760460	-2.1	
24	862.2	1430.2	-4.1	-6.4	-0.5	-2	-0.1	8545919	-1.4	
24	861.9	1430.5	-3.9	-5.2	-0.7	-2	0.2	8341634	-1.1	
24	861.6	1430.6	-3.7	-4.1	-1.2	-1.5	0.5	8210785	-0.9	
24	861.3	1430.8	-3.3	-3.1	-1.4	-1.7	0.9	8083977	-0.4	
24	861	1430.8	-3.8	-3.8	-1.6	-0.8	1.1	8022031	0	
24	860.7	1430.9	-3.4	-3	-1.8	-1.2	1.4	7900944	0.4	
24	860.4	1430.9	-4.4	-3	-2	-1	1.4	7754630	0.4	
24	860.1	1430.9	-2.9	-0.1	-2.1	0.6	1.5	7531475	0.2	
24	859.8	1431	-3.8	-1.7	-2.2	-0.2	1.5	7320804	-0.5	
24	859.5	1431.3	-3.2	-1	-2.2	-0.1	1.5	7097458	-1	
24	859.2	1431.5	-3.4	0	-1.9	-1.3	1.4	6864754	-1.4	
24	858.9	1431.7	-2.9	-0.2	-1.8	-1.1	1.3	6646826	-1.9	
24	858.6	1431.9	-3	0.6	-1.5	-1.5	1.3	6402905	-2.3	
24	858.3	1432.1	-2.4	0.4	-1.5	-1.1	1.4	6176254	-2.4	
24	858	1432.6	-2.3	1.6	-1	-0.9	1.6	5948154	-2.4	
24	857.7	1432.9	-4.3	-1.2	-0.7	-3.2	1.7	5736302	-2.2	
24	857.4	1433.2	-4	-0.4	0	-2.4	1.6	5553714	-1.9	
24	857.1	1433.5	-4.2	-0.8	0.5	-2.3	1.4	5410207	-1.8	
24	856.8	1433.5	-3.3	0.2	0.6	-0.9	1.2	5247494	-1.3	
24	856.5	1433.6	-4.1	-0.4	0.8	-2	1	5094283	-1.2	
24	856.2	1433.4	-3.8	-1	1	-1.9	0.7	4938090	-1.1	
24	855.9	1433.4	-4	-0.1	1.2	-1.8	0.4	4802179	-1.2	
24	855.6	1433.1	-3.1	-0.4	0.7	-1	0.1	4642462	-1.4	
24	855.3	1432.8	-3.8	0.9	0.5	-1.7	-0.2	4473825	-1.6	
24	855	1432.3	-3.1	-0.3	-0.1	-1	-0.2	4308128	-1.7	
24	854.7	1432	-4.3	0	-0.6	-2.2	-0.1	4170817	-1.8	
24	854.4	1431.9	-3.9	0.3	-1	-2.2	0.1	4073444	-2	
24	854.1	1431.9	-3.7	-0.1	-1	-2.6	0.2	3995706	-2.4	
24	853.8	1431.6	-3	-0.4	-1.4	-2	0.4	3935621	-2.6	
24	853.5	1431.6	-4.3	-2.6	-1.6	-2.8	0.6	3884509	-2.3	
24	853.2	1431.9	-4.6	-0.6	-1.3	-3.6	0.7	3870148	-2.2	
24	852.9	1432.1	-3	-0.7	-1.2	-2.2	0.9	3913552	-2.3	
24	852.6	1432.1	-3.7	-1.4	-0.9	-3.1	0.9	3988096	-2.4	
24	852.3	1431.9	-3.5	-1.8	-0.8	-1.9	0.7	4089356	-2.1	
24	852	1432.1	-4.1	-0.8	-0.5	-2.8	0.6	4187500	-1.9	
24	851.7	1431.9	-2.9	-0.1	-0.6	-0.9	0.4	4299282	-1.6	
24	851.4	1431.8	-3.4	-0.7	-0.3	-2.2	0.3	4407895	-1.4	
24	851.1	1431.7	-3.5	-2.4	-0.3	-0.9	0.1	4531927	-1.3	
24	850.8	1431.9	-3.2	-0.2	-0.4	-0.4	0.2	4652778	-1.3	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
24	850.5	1432	-2.5	-1.4	-0.5	-0.8	0.2	4769363	-1.4	
24	850.2	1431.9	-2.9	0.7	-0.8	-0.6	0.3	4835451	-1.4	
24	849.9	1432	-3.1	-0.9	-0.6	-1.4	0.4	4891940	-1.7	
24	849.6	1432	-2.6	1.5	-0.7	-0.4	0.5	4938090	-1.6	
24	849.3	1432.3	-3.4	0.5	-0.6	-1.7	0.7	4973278	-1.9	
24	849	1432	-2.2	1.5	-0.8	-0.4	0.8	4997017	-1.9	
24	848.7	1432.2	-3.6	-0.3	-0.7	-1.8	1	4997017	-1.7	
24	848.4	1432.3	-3.6	0.2	-0.7	-2.2	1	4997017	-1.7	
24	848.1	1432.6	-3.2	0.2	-0.5	-2.1	1	4997017	-1.7	
24	847.8	1432.7	-3.7	0.7	-0.3	-2.6	1	5020984	-1.6	
24	847.5	1432.5	-3.3	-0.4	-0.5	-1.1	0.9	5057367	-1.6	
24	847.2	1432.3	-3.5	0.3	-0.5	-1.5	0.8	5081918	-1.3	
24	846.9	1432.4	-4.3	-1.1	-0.3	-2	0.8	5106708	-1.3	
24	846.6	1432.2	-3.9	-0.5	-0.1	-2.1	0.7	5131741	-1.4	
24	846.3	1432	-3.5	-0.6	-0.3	-1.2	0.8	5169753	-1.8	
24	846	1432	-2.9	0.1	-0.5	-0.7	1	5208334	-2.1	
24	845.7	1432.1	-3.1	-0.7	-0.8	-2.1	1.4	5247494	-2.7	
24	845.4	1432.1	-2.5	-0.2	-0.8	-1.7	1.8	5287248	-2.9	
24	845.1	1432.2	-4.5	-0.2	-0.8	-3.9	2.1	5300633	-3	
24	844.8	1432.1	-4	0	-0.7	-3.6	2	5327608	-3.1	
24	844.5	1431.6	-3.8	0.4	-1.2	-2.8	1.7	5354860	-2.7	
24	844.2	1431.2	-4.3	-1	-1.2	-3	1.4	5396263	-2.3	
24	843.9	1430.8	-4.7	-0.6	-1.3	-2.6	1	5438312	-1.5	
24	843.6	1430.6	-4.9	-1.1	-1.4	-2.3	0.7	5495407	-1.1	
24	843.3	1430.3	-4.2	-0.2	-1.2	-1.7	0	5568484	-0.9	
24	843	1429.6	-3.6	-0.5	-1.3	-0.6	-0.7	5628360	-0.1	
24	842.7	1429.2	-4	-0.2	-1.4	-0.3	-1.2	5705041	0	
24	842.4	1429.2	-3.4	-0.3	-1.1	0.9	-1.5	5783840	-0.1	
24	842.1	1429.7	-3.1	1.2	-0.7	0.9	-1.3	5815972	-0.2	
24	841.8	1429.9	-3.2	0.7	-0.6	0.2	-1.1	5832173	-0.6	
24	841.5	1430.2	-3.6	0.1	-0.6	-0.4	-0.7	5799862	-0.8	
24	841.2	1430.6	-4.4	-1.4	-0.5	-1.8	-0.4	5736302	-1.4	
24	840.9	1430.9	-3.6	0.7	-0.4	-1.6	-0.1	5628360	-1.8	
24	840.6	1431.2	-3.7	0.9	-0.2	-3	0.3	5509869	-2.4	
24	840.3	1431.4	-2.9	0.1	-0.4	-2.2	0.8	5368590	-2.7	
24	840	1431.6	-4.8	-1.1	-0.5	-4.8	1	5221322	-3	
24	839.7	1431.8	-4.6	-1.1	-0.6	-4.6	1.1	5094283	-2.9	
24	839.4	1432.1	-3.8	0.3	-0.3	-3.6	1.2	4985119	-2.8	
24	839.1	1432.2	-3.2	-0.3	-0.2	-2.8	1.2	4903396	-2.6	
24	838.8	1432.4	-3.2	0.2	-0.2	-2.1	1.3	4835451	-2.1	
24	838.5	1432.5	-3.3	0.2	0	-2.5	1.3	4802179	-1.8	
24	838.2	1432.6	-2.6	0.6	-0.1	-1.2	1.4	4802179	-1.5	
24	837.9	1432.9	-2.7	-0.2	0.3	-1.6	1.4	4835451	-1.3	
24	837.6	1432.9	-2.6	0.3	0.1	0.3	1.4	4891940	-0.8	
24	837.3	1432.8	-2.7	0.4	-0.1	0.3	1.4	4949764	-0.5	
24	837	1432.5	-2.7	-0.1	-0.4	-0.3	1.2	4997017	-0.5	
24	836.7	1432.3	-2.5	0.9	-0.4	-0.1	1	5069613	-0.6	
24	836.4	1432	-2	0.2	-0.5	0.2	0.7	5169753	-1	
24	836.1	1431.6	-1.6	2	-0.7	0.3	0.4	5300633	-1.1	
24	835.8	1431.3	-2	1.6	-0.8	-0.5	0.1	5438312	-1.3	
24	835.5	1431.1	-1.9	1.3	-0.8	-0.5	-0.2	5628360	-1.6	
24	835.2	1431.2	-2.5	1.2	-0.7	-0.6	-0.3	5864846	-1.7	
24	834.9	1431.2	-2.4	0.9	-0.5	-1.3	-0.4	6158088	-2.2	
24	834.6	1431.3	-1.9	1.6	-0.5	-1.2	-0.3	6442308	-2.4	
24	834.3	1431.2	-2.8	1.5	-0.6	-2.2	-0.2	6667994	-2.5	
24	834	1431.2	-3.3	0.6	-0.6	-3.3	-0.1	6797890	-2.8	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
24	833.7	1431.3	-2.7	0.8	-0.3	-2.8	0	6797890	-2.9	
24	833.4	1431.3	-3.1	-0.2	-0.3	-2.8	0.1	6732315	-2.7	
24	833.1	1431.3	-3.4	-0.3	-0.4	-2.7	0.3	6563480	-2.2	
24	832.8	1431.4	-4.5	-2	-0.4	-3.5	0.4	6325529	-2.2	
24	832.5	1431.4	-3.8	0.7	-0.4	-2.5	0.4	6033862	-2.2	
24	832.2	1431.7	-3.5	0.5	-0.3	-2.5	0.5	5720629	-2.1	
24	831.9	1431.7	-3.7	0.1	-0.3	-2.9	0.5	5481021	-2.1	
24	831.6	1431.8	-3.6	0.7	-0.4	-2.3	0.6	5341199	-1.9	
24	831.3	1431.7	-4	0.7	-0.7	-2.8	0.7	5287248	-1.8	
24	831	1431.7	-4	0.9	-0.8	-1.9	0.8	5300633	-1.6	
24	830.7	1431.7	-3.8	0.4	-1	-1.4	1	5354860	-1.5	
24	830.4	1431.6	-3.8	-0.2	-1.3	-0.5	1.2	5466710	-1.2	
24	830.1	1431.7	-4.6	-0.6	-1.4	-1	1.4	5628360	-1	
24	829.8	1431.8	-4.3	-0.9	-1.3	-1.5	1.4	5815972	-1.3	
24	829.5	1431.9	-3.1	0	-1.1	0.1	1.4	5999284	-1.5	
24	829.2	1432	-3.2	0	-1	0.6	1.4	6176254	-1.8	
24	828.9	1432.1	-3.4	0.2	-0.6	-0.3	1.4	6306476	-2	
24	828.6	1432.2	-4.2	0.2	-0.2	-1.5	1.3	6422546	-2.4	
24	828.3	1432.2	-4.4	-0.8	0.2	-2.6	1	6482198	-2.8	
24	828	1431.9	-4.5	-0.8	0.4	-2.8	0.7	6502329	-2.8	
24	827.7	1432	-5.3	-2.4	0.5	-3.7	0.5	6482198	-3.1	
24	827.4	1431.7	-4.7	0.1	0.2	-3.6	0.4	6442308	-3.2	
24	827.1	1431.6	-5.7	-1.1	-0.2	-5.1	0.4	6383384	-2.9	
24	826.8	1431.4	-7.6	-3.8	-0.4	-7.4	0.2	6306476	-2.7	
24	826.5	1430.9	-6.2	-3	-0.9	-5.9	-0.1	6231399	-2.3	
24	826.2	1430.5	-6.1	-2.9	-1.5	-4.9	-0.2	6122076	-1.7	
24	825.9	1430.4	-5.3	-2	-2	-3.4	0	6016523	-1.2	
24	825.6	1430.1	-5.2	-2.6	-2.3	-2.4	0.1	5881320	-0.4	
24	825.3	1430.3	-4.9	-2.2	-2.4	-1.7	0.3	5736302	0	
24	825	1430.5	-4.3	-1.7	-2	-1.4	0.4	5613271	0.3	
24	824.7	1430.8	-3.9	-1.2	-1.8	0.5	0.5	5481021	0.6	
24	824.4	1431.2	-2.6	0.1	-1.4	2.4	0.6	5382391	0.1	
24	824.1	1431.7	-1.8	0.7	-0.7	2.7	0.8	5287248	-0.2	
24	823.8	1432.2	-1.7	0.3	-0.2	2.1	1	5182550	-0.8	
24	823.5	1432.6	-1.9	-0.3	0.3	0.3	1	5094283	-1.6	
24	823.2	1432.6	-1.9	0.1	0.7	0.2	0.8	5008972	-2.1	
24	822.9	1432.7	-1.1	0.8	0.9	0.1	0.5	4961493	-3	
24	822.6	1432.6	-0.5	2	0.6	-0.5	0.4	4949764	-3.5	
24	822.3	1432.5	-1.9	0.5	0.4	-2.1	0.4	4961493	-3.7	
24	822	1432.6	-2.2	-0.3	0.3	-3.2	0.3	4985119	-3.9	
24	821.7	1432.3	-3.3	-0.5	0.2	-4.4	-0.1	5008972	-3.8	
24	821.4	1432.4	-3.1	0.2	0.1	-3.6	-0.3	5069613	-3.5	
24	821.1	1432.2	-2.2	0.5	-0.1	-2.7	-0.5	5144349	-3.1	
24	820.8	1432.2	-3.1	0	-0.3	-2.1	-0.5	5260679	-2.2	
24	820.5	1432.3	-3.5	-0.1	-0.4	-3	-0.5	5396263	-1.8	
24	820.2	1432.6	-2.7	1.8	-0.3	-1.7	-0.3	5553714	-1.3	
24	819.9	1432.6	-3.1	0.7	-0.2	-1.4	-0.2	5736302	-0.8	
24	819.6	1432.7	-3.2	0.3	-0.3	-0.7	0	5897888	-0.6	
24	819.3	1432.7	-3.6	0.1	-0.4	0.2	0.2	6016523	0.1	
24	819	1433.1	-4.2	-0.6	-0.3	-0.2	0.5	6140030	0.2	
24	818.7	1433.1	-3.4	0.6	-0.5	-0.2	0.7	6231399	0.2	
24	818.4	1433.5	-4.6	-0.6	-0.4	-1.2	1	6287538	0	
24	818.1	1433.7	-3.5	0.3	-0.7	0.3	1.3	6287538	-0.3	
24	817.8	1433.8	-4.2	-0.4	-1	-1.4	1.5	6231399	-0.4	
24	817.5	1433.5	-3.1	1.5	-1.4	-1	1.6	6158088	-0.9	
24	817.2	1433.5	-4.1	0.2	-1.4	-2	1.7	6104228	-1.2	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
24	816.9	1433.4	-4.2	-1.1	-1.3	-1.8	1.6	6122076	-1.3	
24	816.6	1433.4	-4.5	-1.3	-1.2	-2.2	1.4	6140030	-1.6	
24	816.3	1433.6	-3.8	-0.4	-1	-2.2	1.3	6140030	-1.8	
24	816	1433.6	-3.7	0.5	-0.7	-2	1	6140030	-1.9	
24	815.7	1433.9	-4.6	-0.2	-0.2	-3.1	0.9	6176254	-2.2	
24	815.4	1434.1	-3.6	0.9	0.1	-2.2	0.7	6250000	-2.5	
24	815.1	1434	-3	2.3	0.5	-2.8	0.5	6344697	-2.7	
24	814.8	1433.7	-3.4	1.3	0.3	-2.7	0.5	6422546	-2.7	
24	814.5	1433.5	-3.8	1.9	0.4	-3.2	0.4	6482198	-2.8	
24	814.2	1433.4	-3.6	4	0.1	-2.3	0.5	6522586	-2.5	
24	813.9	1433.4	-3.3	2.9	-0.2	-2.9	0.7	6522586	-2.8	
24	813.6	1433	-2.6	3.5	-0.7	-2.5	0.7	6502329	-2.8	
24	813.3	1432.8	-3.8	1.5	-1	-3.1	0.8	6462192	-2.7	
24	813	1432.8	-3.5	1.7	-1.2	-3.5	0.7	6383384	-2.8	
24	812.7	1432.6	-2.6	2.3	-1.3	-2.6	0.5	6250000	-2.9	
24	812.4	1432.2	-2.7	1.6	-1.2	-3.4	0.3	6086483	-2.9	
24	812.1	1432.1	-2.6	1.3	-1.3	-2.1	0.3	5914548	-2.7	
24	811.8	1432.2	-3.1	-0.5	-1	-3.2	0.3	5736302	-2.7	
24	811.5	1432.2	-2.5	-0.7	-0.8	-1.7	0.1	5524407	-3	
24	811.2	1432.4	-2	-0.3	-0.3	-2.7	0.1	5341199	-3.1	
24	810.9	1432.2	-2.2	-0.3	-0.1	-1.9	-0.1	5157020	-3.1	
24	810.6	1432.4	-2	-0.1	0	-1.5	0	4997017	-2.8	
24	810.3	1432.7	-2.8	-1.7	0.2	-2.7	0.1	4857889	-3	
24	810	1432.6	-1	-0.5	0.2	-1.1	0.2	4769363	-3.2	
24	809.7	1432.7	-2.6	-0.7	0.2	-2.6	0.4	4705057	-3.2	
24	809.4	1432.5	-1.7	0.5	-0.3	-0.8	0.7	4684005	-2.6	
24	809.1	1432.3	-4.3	-1	-0.5	-3.5	0.7	4694507	-2.4	
24	808.8	1432.2	-2.3	0.8	-0.7	-1.6	0.9	4736991	-2.3	
24	808.5	1432.1	-2.9	-0.7	-0.8	-2.1	1	4802179	-1.9	
24	808.2	1432	-3.2	-0.1	-1	-2.1	1	4903396	-1.1	
24	807.9	1432.2	-3.6	-0.1	-0.9	-1.6	1	5033053	-0.3	
24	807.6	1432.2	-3.4	-0.7	-0.6	-2.7	0.9	5208334	0.2	
24	807.3	1432.2	-3.7	-0.6	-0.5	-0.9	0.7	5410207	0.9	
24	807	1432.1	-4	-0.8	-0.2	-1.5	0.3	5643531	1.5	
24	806.7	1431.9	-3.8	-0.2	-0.1	0.9	0.1	5881320	2.2	
24	806.4	1431.7	-3.9	0.3	-0.3	-0.5	-0.1	6104228	2.3	
24	806.1	1431.6	-3.1	0.3	-0.3	0.4	-0.2	6325529	2	
24	805.8	1431.6	-2.4	2.2	-0.4	1.6	-0.2	6522586	1.4	
24	805.5	1431.6	-1.8	1.7	-0.5	0.6	-0.3	6754032	0.4	
24	805.2	1431.3	0	4.2	-1	1.8	-0.2	6955980	-0.1	
24	804.9	1431.3	-1.2	1.9	-1.1	-0.2	0	7097458	-0.9	
24	804.6	1431.4	-0.3	3.8	-1	0.8	0.2	7219828	-1.6	
24	804.3	1431.6	-0.6	3.6	-0.9	0.6	0.4	7295296	-2.1	
24	804	1432	0.1	4.6	-0.8	0.3	0.8	7346491	-2.6	
24	803.7	1432.1	-0.1	3.7	-0.8	-0.3	1.1	7398410	-2.4	
24	803.4	1432.4	-2	1.7	-0.6	-2.3	1.2	7372359	-2.4	
24	803.1	1432.6	-0.3	4.3	-0.4	-1.3	1.2	7320804	-2.6	
24	802.8	1432.7	-0.3	3.3	-0.1	-1.9	1.2	7244810	-2.7	
24	802.5	1432.5	0	3	-0.3	-1.2	1.3	7121599	-2.7	
24	802.2	1432.3	-1.3	2.1	-0.6	-1.9	1.4	6955980	-2	
24	801.9	1432.3	-2.8	1	-0.6	-3.1	1.4	6775890	-1.9	
24	801.6	1432.2	-1.7	1.9	-0.7	-2.2	1.3	6625791	-1.9	
24	801.3	1432	-1.3	2	-0.7	-1.9	1	6482198	-2	
24	801	1432	-1.7	0.9	-0.8	-1.4	0.9	6363982	-2.1	
24	800.7	1431.9	-1.3	2.5	-1	-1.5	0.8	6250000	-2	
24	800.4	1431.9	-2.2	1.3	-1.1	-2.6	0.7	6176254	-1.9	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
24	800.1	1431.6	-1.7	0.9	-1.1	-2	0.5	6176254	-1.6	
24	799.8	1431.6	-2.6	0.1	-0.9	-2.3	0.4	6231399	-1.4	
24	799.5	1431.4	-2.5	0.1	-1	-0.7	0.2	6344697	-1	
24	799.2	1431.3	-2.9	0.2	-0.9	-1.5	0.1	6522586	-0.5	
24	798.9	1431.3	-2.7	-0.2	-0.8	-1.4	0.1	6710737	-0.3	
24	798.6	1431.4	-2.8	-0.8	-0.7	-0.3	0.1	6955980	0.1	
24	798.3	1431.6	-3.4	-1.2	-0.4	-1.3	0.1	7219828	0.3	
24	798	1431.9	-2.6	-0.6	-0.1	0.3	0.2	7477679	0.4	
24	797.7	1431.9	-2.6	0.2	0.3	-0.8	0.1	7669414	0.4	
24	797.4	1432	-2.1	-1.1	0.4	0.3	0.1	7754630	0.3	
24	797.1	1432.1	-2.7	-0.1	0.6	0.2	0.1	7697610	0.2	
24	796.8	1432	-2	-0.3	0.6	0.6	0.1	7504480	0	
24	796.5	1431.9	-1.9	2.4	0.4	0.4	0.1	7219828	-0.1	
24	796.2	1432	-3	-0.7	0.4	-1.2	0.1	6864754	-0.3	
24	795.9	1431.8	-2.2	0.7	0.1	0	0	6522586	-0.6	
24	795.6	1431.7	-2.8	0.4	0	-1.3	-0.2	6194527	-1.2	
24	795.3	1431.4	-1	2.6	-0.3	-0.6	-0.2	5897888	-1.7	
24	795	1431.3	-1.5	1.9	-0.5	-1.4	-0.1	5689538	-2	
24	794.7	1431.3	-3	0.7	-0.5	-2.8	0	5553714	-2.4	
24	794.4	1431.3	-2.2	1.8	-0.6	-2.4	0.1	5481021	-2.6	
24	794.1	1431.5	-2	1.8	-0.5	-2.6	0.3	5466710	-2.8	
24	793.8	1431.6	-1.5	2.4	-0.7	-2	0.5	5524407	-3.1	
24	793.5	1431.8	-2.3	0.8	-0.8	-3.5	0.8	5643531	-3.2	
24	793.2	1432	-2.8	-0.4	-0.6	-3.2	1	5815972	-3.3	
24	792.9	1431.8	-1.6	0.2	-0.7	-3.3	1	5999284	-3.4	
24	792.6	1431.7	-2.2	-2.2	-0.6	-3	1	6194527	-3.4	
24	792.3	1431.4	-2.4	-1.2	-0.8	-2.6	1	6383384	-3.2	
24	792	1431.5	-2.7	-2.4	-0.7	-2.7	1.1	6584120	-3.1	
24	791.7	1431.6	-2.5	-1.9	-0.7	-2.8	1	6797890	-3.1	
24	791.4	1431.5	-2.2	-2.3	-0.6	-2.8	0.8	6979167	-3.1	
24	791.1	1431.7	-1.7	-1.6	-0.4	-1.6	0.7	7073480	-3.1	
24	790.8	1431.6	-2.9	-0.9	-0.5	-2.8	0.5	7145905	-2.9	
24	790.5	1431.5	-2.4	-2.1	-0.4	-2.5	0.4	7195017	-2.4	
24	790.2	1431.3	-3.6	-3.3	-0.3	-2.8	0.1	7244810	-1.9	
24	789.9	1431.1	-3	-3	-0.2	-1.4	-0.1	7219828	-1.1	
24	789.6	1431	-4.1	-2.8	-0.3	-1.6	-0.2	7170377	-0.5	
24	789.3	1431	-3.5	-0.7	-0.4	-0.4	-0.2	7049664	0	
24	789	1431	-3.6	-1.9	-0.4	-0.6	-0.2	6910066	0.8	
24	788.7	1431	-4.1	-2.8	-0.7	-1.1	-0.2	6754032	0.8	
24	788.4	1431.3	-3.3	-1.6	-0.4	0.1	-0.1	6604890	0.7	
24	788.1	1431.2	-3	-1.7	-0.6	0.2	0	6462192	0.5	
24	787.8	1431.3	-3.2	-1	-0.7	0.4	0.3	6325529	-0.1	
24	787.5	1431.3	-2.9	-1.2	-0.8	-0.3	0.6	6176254	-0.6	
24	787.2	1431.5	-3.2	-0.6	-0.9	-0.3	0.9	6016523	-0.8	
24	786.9	1431.6	-3.6	-1.1	-0.9	-2.2	1	5848464	-1.7	
24	786.6	1431.8	-2.2	0.7	-0.8	-1.3	1.2	5658784	-2.4	
24	786.3	1432.1	-2.6	0.1	-0.9	-1.4	1.4	5466710	-2.7	
24	786	1432	-2.5	0.3	-1.3	-2.6	1.4	5273930	-2.8	
24	785.7	1432.1	-3	0.4	-1.2	-3.3	1.5	5069613	-2.8	
24	785.4	1432.1	-3.8	-1.2	-1.2	-3.9	1.4	4869186	-2.8	
24	785.1	1431.9	-3.5	-0.9	-1.1	-3.6	1.1	4684005	-2.6	
24	784.8	1432.1	-3.3	-1.2	-0.9	-3	0.9	4541757	-2.5	
24	784.5	1432	-2.6	0.1	-0.8	-1.8	0.7	4445329	-2.2	
24	784.2	1431.8	-2.9	-0.9	-0.8	-2.2	0.5	4380230	-1.5	
24	783.9	1432.2	-3.7	-1.8	-0.3	-2.9	0.4	4361980	-1.3	
24	783.6	1432.4	-2.2	0.8	0.1	-1.1	0.3	4389413	-1.3	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
24	783.3	1432.4	-2	0.2	0.2	-1.1	0.1	4464286	-1.3	
24	783	1432.5	-2.1	0.7	0.4	-0.6	0.1	4581510	-1	
24	782.7	1432.4	-2	-1	0.5	-0.5	0.1	4726298	-0.8	
24	782.4	1432.6	-2.4	-0.9	0.2	-0.8	0.3	4891940	-0.9	
24	782.1	1432.6	-2.4	0.6	0.1	-1.3	0.4	5069613	-0.9	
24	781.8	1432.3	-2.1	0.1	-0.2	-0.9	0.4	5247494	-1.3	
24	781.5	1432.1	-1.5	0.5	-0.8	-0.4	0.5	5424223	-1.4	
24	781.2	1432.1	-2.2	-0.7	-1	-1.8	0.6	5583334	-1.6	
24	780.9	1432.1	-1.4	0.9	-1.1	-1.6	0.6	5720629	-2.1	
24	780.6	1431.9	-1.1	1.7	-1.2	-2	0.6	5799862	-2.4	
24	780.3	1431.7	-1.1	0.5	-1.2	-1.8	0.5	5848464	-2.6	
24	780	1432	-1.6	0.6	-1.1	-2.3	0.6	5848464	-2.7	
24	779.7	1432.2	-1.3	1.1	-0.8	-2.2	0.6	5815972	-2.9	
24	779.4	1432.5	-2	0.7	-0.5	-3.1	0.7	5783840	-2.8	
24	779.1	1432.5	-1.2	1.3	-0.5	-2.3	0.7	5752061	-2.8	
24	778.8	1432.6	-1.8	0.4	-0.5	-2.5	0.8	5720629	-2.8	
24	778.5	1432.7	-1.7	0	-0.4	-3.1	0.8	5705041	-2.9	
24	778.2	1432.6	-1	1.9	-0.5	-2.4	0.8	5720629	-2.9	
24	777.9	1432.4	-1.7	0.7	-0.5	-3	0.9	5752061	-2.7	
24	777.6	1432.3	-1.5	2.1	-0.8	-2.2	0.9	5848464	-2.5	
24	777.3	1432.2	-1.5	1.5	-1	-2	1	5999284	-2.2	
24	777	1432.3	-1.4	2.7	-1.1	-1.5	1.1	6194527	-2.1	
24	776.7	1432.4	-1.8	1.7	-1	-2	1.3	6402905	-1.7	
24	776.4	1432.5	-1.9	1.7	-1	-1.5	1.4	6625791	-1.4	
24	776.1	1432.5	-1.5	2.6	-1	-1.1	1.5	6864754	-1	
24	775.8	1432.6	-1.9	1.4	-0.9	-1.6	1.6	7097458	-0.9	
24	775.5	1432.4	-1.7	1.3	-0.8	-0.5	1.5	7295296	-0.8	
24	775.2	1432.4	-1.9	1.3	-0.6	-0.7	1.5	7451068	-0.6	
24	774.9	1432.3	-2	0.9	-0.5	-0.8	1.3	7504480	-0.5	
24	774.6	1432	-1.9	1.3	-0.4	-0.9	1	7477679	-0.6	
24	774.3	1431.8	-1.7	1.9	-0.4	-0.6	0.8	7398410	-0.8	
24	774	1431.7	-1.8	0.4	-0.2	-0.4	0.5	7269965	-1	
24	773.7	1431.4	-1.2	1.4	-0.2	-0.7	0.2	7121599	-1.4	
24	773.4	1431.2	-1.4	1.1	-0.4	-0.5	0	6955980	-1.4	
24	773.1	1431	-2.3	0.7	-0.5	-1.9	-0.2	6754032	-1.7	
24	772.8	1430.8	-2.2	1.6	-0.6	-2.4	-0.4	6542969	-2	
24	772.5	1430.7	-2	1.5	-0.5	-2.2	-0.5	6344697	-2.2	
24	772.2	1430.5	-1.8	1.5	-0.5	-2.2	-0.5	6194527	-2.2	
24	771.9	1430.4	-2	0.6	-0.6	-2.1	-0.3	6068841	-2	
24	771.6	1430.4	-2.9	0	-0.4	-2.7	-0.3	5965100	-1.9	
24	771.3	1430.4	-2.3	1.4	-0.2	-1.8	-0.3	5897888	-1.8	
24	771	1430.7	-2.6	-0.4	0	-2	-0.2	5881320	-1.7	
24	770.7	1431.1	-2.5	-0.5	0.3	-1.4	0	5881320	-1.6	
24	770.4	1431.1	-1.7	0.4	0.2	-1	0.1	5914548	-1.6	
24	770.1	1431.1	-2	0	0.3	-1.7	0.1	5948154	-1.8	
24	769.8	1431	-1.6	0.8	0.3	-0.9	0.1	6033862	-1.9	
24	769.5	1430.8	-2.1	0.3	0.2	-1.8	0	6176254	-1.9	
24	769.2	1430.6	-2.4	-0.3	-0.1	-0.9	0	6363982	-1.6	
24	768.9	1430.5	-3.3	-1.8	-0.2	-2.4	0	6604890	-1.5	
24	768.6	1430.5	-3.1	-0.9	-0.3	-2.2	-0.1	6887336	-1.6	
24	768.3	1430.6	-3	-1.6	-0.3	-2.2	-0.2	7195017	-1.9	
24	768	1430.8	-2.5	-1.4	-0.3	-2.2	-0.2	7531475	-2.1	
24	767.7	1430.7	-2.2	-1.1	-0.3	-1.9	-0.3	7930871	-1.9	
24	767.4	1430.7	-3.4	-1.8	-0.5	-2.8	-0.3	8375000	-1.9	
24	767.1	1430.8	-2.4	-1.1	-0.5	-2.4	-0.2	8834388	-2.1	
24	766.8	1430.9	-3.2	-1.2	-0.4	-3.1	-0.1	9305556	-2.1	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
24	766.5	1431.1	-2.5	-1.3	-0.5	-2.1	0.1	9783879	-2.3	
24	766.2	1431.1	-2.3	-0.5	-0.7	-2	0.3	10314040	-2.3	
24	765.9	1431.1	-2.9	-1.2	-0.8	-2.6	0.4	10904948	-2.2	
24	765.6	1431.4	-3.1	-2.1	-0.8	-3	0.7	11567680	-2.2	
24	765.3	1431.5	-2.4	-0.7	-0.8	-2.2	0.8	12102601	-2	
24	765	1431.9	-3.3	-1.8	-0.5	-2.6	0.9	12462798	-2	
24	764.7	1432.2	-2	-0.5	-0.4	-1.7	1	12766768	-2	
24	764.4	1432.2	-2	-0.6	-0.5	-1.7	1	13085938	-2	
24	764.1	1432.4	-2.1	-0.3	-0.3	-1.9	1	13421474	-1.9	
24	763.8	1432.4	-2	-0.1	-0.3	-1.7	1	13774671	-1.8	
24	763.5	1432.4	-1.9	-0.4	-0.3	-1.2	1	13865894	-1.8	
24	763.2	1432.3	-2.1	-0.2	-0.7	-0.8	1	13958333	-1.4	
24	762.9	1432.4	-2.1	-0.4	-0.8	-1.3	1.1	13958333	-1.4	
24	762.6	1432.4	-1.9	0	-1	-0.5	1.1	13865894	-1.4	
24	762.3	1432.4	-2.2	-0.2	-1.2	-1.1	1.1	13684641	-1.3	
24	762	1432.4	-1.4	0.5	-1.1	-0.2	1.1	13168239	-1.4	
24	761.7	1432.4	-1.6	0.1	-1	-0.7	1	12537425	-1.4	
24	761.4	1432.4	-2	-0.2	-0.9	-1.1	0.9	11696928	-1.3	
24	761.1	1432.4	-2	-0.8	-0.6	-1	0.7	10904948	-1	
24	760.8	1432.5	-2.3	-0.9	-0.4	-1.1	0.6	10213415	-1	
24	760.5	1432.7	-2	0.3	0.1	-0.9	0.4	9648618	-1	
24	760.2	1432.7	-2.3	-0.1	0.2	-1.2	0.3	9183114	-1	
24	759.9	1432.8	-2.7	-0.7	0.5	-1.3	0.1	8760460	-0.8	
24	759.6	1432.5	-3.1	-1.3	0.5	-2.1	-0.2	8442541	-0.7	
24	759.3	1432.5	-2.4	-0.4	0.4	-1.4	-0.3	8210785	-0.9	
24	759	1432.4	-2.3	0.6	0.2	-1.5	-0.5	8052885	-1.2	
24	758.7	1432.2	-2	0.3	-0.2	-1.6	-0.5	7930871	-1.5	
24	758.4	1432.2	-2.3	0.3	-0.2	-2.3	-0.5	7812500	-1.6	
24	758.1	1432.1	-2	0.5	-0.5	-2.4	-0.5	7669414	-2	
24	757.8	1432	-2.2	-0.5	-0.6	-2.5	-0.5	7586051	-2.2	
24	757.5	1432	-2.2	-0.2	-0.7	-2.3	-0.5	7504480	-2.4	
24	757.2	1432.1	-2	-0.4	-0.6	-1.4	-0.3	7477679	-2.6	
24	756.9	1432.4	-2.1	0	-0.3	-1.7	-0.1	7531475	-2.7	
24	756.6	1432.9	-1.9	0.5	0	-1.7	0.2	7641424	-2.9	
24	756.3	1433.3	-1.8	1.5	0.5	-2.1	0.3	7841760	-3	
24	756	1433.4	-0.8	2.3	0.5	-1.1	0.4	8115310	-3	
24	755.7	1433.5	-1.2	1.8	0.8	-1.4	0.5	8408635	-2.8	
24	755.4	1433.6	-1.5	1	0.8	-1.3	0.7	8797269	-2.7	
24	755.1	1433.6	-1.9	0.3	0.8	-1.8	1	9183114	-2.6	
24	754.8	1433.4	-3.3	0.1	0.7	-3.7	0.9	9560502	-2.5	
24	754.5	1433.1	-3.7	-1.3	0.3	-3.7	0.6	9829812	-2.1	
24	754.2	1433.1	-3.9	-0.7	0.1	-3.5	0.4	9970238	-1.7	
24	753.9	1432.8	-3.4	-0.9	-0.4	-2.6	0.1	9970238	-1.4	
24	753.6	1432.8	-3.2	-0.9	-0.7	-2.8	0.1	9922986	-1.1	
24	753.3	1432.3	-3.2	-0.3	-1.2	-2.4	-0.1	9783879	-0.8	
24	753	1432.1	-3.6	-0.5	-1.5	-2.2	-0.2	9648618	-0.4	
24	752.7	1431.6	-3.1	-0.7	-1.9	-1.4	-0.3	9560502	-0.4	
24	752.4	1431.5	-2.2	1.1	-1.9	0.1	-0.3	9604358	-0.3	
24	752.1	1431.9	-2.2	-0.2	-1.6	0.7	0.1	9829812	-0.4	
24	751.8	1432.3	-2.3	-0.3	-1.5	0.4	0.5	10314040	-0.6	
24	751.5	1432.9	-2.7	-0.6	-1.1	-0.5	0.9	11136968	-1.1	
24	751.2	1433.4	-2.3	-0.3	-0.7	-0.9	1	12316177	-1.5	
24	750.9	1433.7	-2	-0.1	-0.3	-1.1	1.1	13865894	-1.9	
24	750.6	1433.9	-2.1	0	-0.2	-1.1	1.2	15982825	-2.2	
24	750.3	1434	-2.2	-0.1	0.2	-1.8	1.2	18694197	-2.6	
24	750	1433.9	-1.8	0.1	0	-2.2	1.2		-2.9	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
24	749.7	1433.7	-2.8	-0.6	-0.1	-3.7	1		-3	
24	749.4	1433.4	-2.7	-1.3	-0.2	-3.5	0.7		-3.1	
24	749.1	1433.4	-3.2	-1.6	-0.3	-3.2	0.5		-2.9	
24	748.8	1433.4	-2.7	-0.7	-0.4	-3	0.4	19386574	-2.9	
24	748.5	1433.5	-2.4	-0.4	-0.4	-2.8	0.3	16750000	-2.8	
24	748.2	1433.8	-2.7	-0.4	-0.4	-2.9	0.3	14439655	-2.6	
24	747.9	1433.7	-2.8	-0.8	-0.4	-2.6	0.1	12612952	-2.2	
24	747.6	1433.9	-2.7	-0.4	-0.2	-2.8	0	11136968	-2.1	
24	747.3	1433.7	-2.1	0.6	0	-1.7	-0.2	10017943	-1.8	
24	747	1433.5	-2.4	0.7	0.1	-1.8	-0.4	9264381	-1.6	
24	746.7	1433.5	-3	-0.6	0.3	-1.7	-0.5	8760460	-1.4	
24	746.4	1433.5	-2.8	-0.5	0.4	-1.7	-0.6	8476721	-1.2	
24	746.1	1433.6	-2.8	-0.8	0.5	-1.8	-0.6	8243110	-1.2	
24	745.8	1433.8	-2.6	-0.3	0.4	-1.5	-0.5	8083977	-1.2	
24	745.5	1434.1	-2.5	-0.5	0.6	-1.3	-0.4	7961027	-1.3	
24	745.2	1434.3	-2.2	0	0.5	-1	-0.2	7930871	-1.3	
24	744.9	1434.2	-1.5	0.7	0.3	-0.9	0	8052885	-1.3	
24	744.6	1434.1	-1.6	0.4	0.1	-1	0.4	8178711	-1.4	
24	744.3	1433.9	-2.1	0	-0.3	-1.1	0.7	8275692	-1.4	
24	744	1434	-2	-0.1	-0.3	-1.2	1	8375000	-1.5	
24	743.7	1433.9	-2	-0.2	-0.3	-1.6	1.1	8476721	-1.6	
24	743.4	1434	-1.9	-1.1	-0.2	-1.5	1.3	8616255	-1.7	
24	743.1	1434	-2.2	-1	-0.1	-2.1	1.3	8760460	-1.8	
24	742.8	1434.2	-2.4	-0.9	0	-2.5	1.3	8947650	-2	
24	742.5	1434	-1.8	0.1	0	-2.5	1	9143013	-2.1	
24	742.2	1433.8	-1.7	1.6	0.1	-2.7	0.6	9305556	-2.3	
24	741.9	1433.5	-1.8	1.9	0.1	-2.6	0.1	9604358	-2.5	
24	741.6	1433.1	-1.7	2.2	-0.1	-2.6	-0.5	10066106	-2.6	
24	741.3	1432.6	-1.1	2.3	-0.4	-2.1	-0.9	10682398	-2.6	
24	741	1432	-1.6	1.6	-0.8	-2.9	-1.2	11441257	-2.5	
24	740.7	1431.6	-1.2	2	-1.1	-2.4	-1.4	12244152	-2.6	
24	740.4	1431.5	-1.6	2	-1.3	-2.6	-1.5	13251582	-2.4	
24	740.1	1431.7	-1.3	1.8	-1.2	-2.4	-1.3	14243197	-2.2	
24	739.8	1432.2	-1	1.2	-1	-1.7	-0.8	15395221	-1.7	
24	739.5	1432.7	-1.3	0.9	-0.9	-1.7	-0.2	16486221	-1.6	
24	739.2	1433.4	-1.4	0.9	-0.5	-1.9	0.4	17303719	-1.5	
24	738.9	1433.9	-1.1	1.6	-0.2	-1.8	0.9	17895299	-1.4	
24	738.6	1434.1	-0.5	1.8	0	-1.2	1.2	18206522	-1.3	
24	738.3	1434.3	-0.6	1.4	0.2	-1.4	1.5	18206522	-1.2	
24	738	1434.4	-0.5	1.6	0.3	-1.3	1.6	18049569	-1.3	
24	737.7	1434.5	-0.5	1.7	0.3	-1.4	1.7	17594538	-1.3	
24	737.4	1434.3	-0.3	1.5	0.1	-1.6	1.6	17022358	-1.3	
24	737.1	1434.1	-0.5	2.3	-0.1	-1.7	1.4	16230620	-1.3	
24	736.8	1433.9	-0.3	2.4	-0.2	-1.5	1.2	15395221	-1.5	
24	736.5	1433.8	-0.2	3	-0.4	-1.7	1	14744718	-1.6	
24	736.2	1433.8	0.5	3.2	-0.4	-1.7	1	14243197	-1.6	
24	735.9	1433.6	0.5	2.9	-0.7	-1.6	0.9	13865894	-1.4	
24	735.6	1433.5	0.6	3.3	-0.9	-1.5	0.9	13774671	-1.4	
24	735.3	1433.3	0.5	3.3	-1	-1.5	0.8	13865894	-1.4	
24	735	1433	1	3.7	-1	-1.2	0.6	14243197	-1.3	
24	734.7	1432.8	1.1	3.2	-1	-0.9	0.5	14849291	-1.2	
24	734.4	1432.5	0.8	3.2	-1	-1.1	0.3	16105769	-1.1	
24	734.1	1432.4	1	4	-0.9	-1.2	0.1	17895299	-1.3	
24	733.8	1432.3	1.7	4.5	-0.9	-1.2	-0.2		-1.8	
24	733.5	1432.5	2.1	4.9	-0.4	-1.2	-0.3		-2.4	
24	733.2	1432.5	1.9	4.5	-0.2	-1.6	-0.5		-2.7	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
24	732.9	1432.5	1.8	4.3	0.1	-2.1	-0.7		-3.2	
24	732.6	1432.5	2.1	4.3	0.3	-2.1	-0.8		-3.5	
24	732.3	1432.5	2.1	3.6	0.2	-2.6	-0.7		-3.8	
24	732	1432.6	2	3.6	0.4	-2.5	-0.6		-3.9	
24	731.7	1432.7	2	4.1	0.6	-2.4	-0.5		-3.8	
24	731.4	1432.9	1.8	3.8	0.7	-2.6	-0.3		-3.6	
24	731.1	1432.8	1.4	3.4	0.5	-2.8	-0.3		-3.2	
24	730.8	1433	1	2.9	0.5	-2.7	-0.1		-2.8	
24	730.5	1432.9	0.9	3.1	0.3	-2.4	-0.1	17447917	-2.4	
24	730.2	1433.1	0.4	2.8	0.2	-2.4	0.1	14146960	-2	
24	729.9	1433.1	0.7	2.5	0.1	-1.9	0.1	12102601	-1.8	
24	729.6	1433	0.4	2.1	-0.1	-1.8	0.1	10962042	-1.5	
24	729.3	1432.8	0.2	2	-0.3	-1.9	0.1	10365099	-1.3	
24	729	1432.7	0	1.7	-0.5	-1.6	0.1	10213415	-1.1	
24	728.7	1432.7	0	1.1	-0.5	-1.5	0.2	10365099	-1.1	
24	728.4	1432.8	-0.1	1.5	-0.6	-1.3	0.3	10848446	-1.1	
24	728.1	1433	0	1.2	-0.4	-1.2	0.4	11762641	-1.1	
24	727.8	1433.1	-0.4	1.2	-0.3	-1.6	0.4	13085938	-1.2	
24	727.5	1433.2	-0.5	0.8	0	-1.7	0.4	15172102	-1.3	
24	727.2	1433.3	-0.5	0.5	0.1	-1.8	0.4	18206522	-1.3	
24	726.9	1433.3	-0.5	0.8	0.4	-1.8	0.3		-1.3	
24	726.6	1433.3	-0.7	0.7	0.6	-1.9	0.1		-1.3	
24	726.3	1433.3	-0.6	0.5	0.9	-1.9	-0.1		-1.3	
24	726	1433.3	-0.8	-0.3	1	-2	-0.2		-1.4	
24	725.7	1433	-0.6	0	0.8	-1.8	-0.4		-1.4	
24	725.4	1432.8	-0.4	0.1	0.8	-1.8	-0.5		-1.6	
24	725.1	1432.6	-0.8	-0.3	0.6	-2.1	-0.6		-1.6	
24	724.8	1432.6	-0.3	0	0.6	-2	-0.6		-1.8	
24	724.5	1432.4	-0.2	0.3	0.5	-1.8	-0.7		-1.9	
24	724.2	1432.4	-0.2	0.1	0.3	-1.8	-0.6		-2	
24	723.9	1432.4	0	0.2	0.2	-1.9	-0.5		-2.1	
24	723.6	1432.3	-0.2	-0.7	-0.1	-2	-0.4		-2.1	
24	723.3	1432.2	-0.4	-0.9	-0.2	-2.3	-0.3		-2.1	
24	723	1432	0	-0.6	-0.3	-2	-0.3	17743644	-2	
24	722.7	1431.9	-0.1	-0.6	-0.5	-2.1	-0.1	15062950	-2	
24	722.4	1431.9	0.2	-0.8	-0.6	-2	0.1	13251582	-2	
24	722.1	1432	-0.1	-1.2	-0.7	-2	0.4	12033046	-1.9	
24	721.8	1432.2	0	-0.8	-0.7	-1.9	0.7	11256721	-1.9	
24	721.5	1432.2	0.2	-0.8	-0.9	-2.2	0.9	10792526	-2	
24	721.2	1432.2	0.2	-1.5	-1	-1.8	1	10628173	-2	
24	720.9	1432.4	0.3	-1.8	-0.9	-1.9	1.2	10628173	-2.1	
24	720.6	1432.5	0.3	-1.6	-0.8	-1.8	1.3	10848446	-2.3	
24	720.3	1432.5	0.7	-1.1	-0.8	-1.7	1.3	11256721	-2.5	
24	720	1432.3	0.7	-1.4	-0.8	-1.8	1.2	11896307	-2.7	
24	719.7	1432.2	0.3	-1.8	-0.7	-2	1	12766768	-2.8	
24	719.4	1432.1	0.3	-1.7	-0.7	-2	0.9	13774671	-3.1	
24	719.1	1432.1	0.8	-1.2	-0.5	-1.7	0.7	14955357	-3.3	
24	718.8	1432.2	0.2	-1.6	-0.3	-2.3	0.6	16357422	-3.5	
24	718.5	1432.1	0.7	-0.7	-0.3	-2	0.3	17895299	-3.5	
24	718.2	1432.1	-0.3	-1.3	-0.1	-2.6	0	19752359	-3.2	
24	717.9	1432.1	0	-0.9	0	-1.9	-0.2		-2.8	
24	717.6	1431.9	-0.6	-1	0.1	-2	-0.5		-2.3	
24	717.3	1431.7	-0.8	-1.5	0	-1.5	-0.7		-1.6	
24	717	1431.6	-1.7	-2.1	0.1	-1.7	-0.8		-0.8	
24	716.7	1431.5	-1.8	-2	-0.1	-1.3	-0.9		-0.2	
24	716.4	1431.6	-2.3	-2.3	-0.1	-0.6	-0.8		0.5	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
24	716.1	1431.8	-2	-2	-0.1	-0.3	-0.5		0.9	
24	715.8	1431.9	-2.2	-2.1	-0.3	0.1	-0.2		1	
24	715.5	1432	-2.5	-2.5	-0.6	-0.3	0.1		0.9	
24	715.2	1432.3	-2.5	-2.1	-0.5	0	0.5		0.7	
24	714.9	1432.6	-2.1	-1.6	-0.5	-0.1	1		0.3	
24	714.6	1432.5	-1.8	-1.3	-0.8	0.2	1.3	18694197	0	
24	714.3	1432.8	-2.2	-1.7	-0.6	-0.6	1.6	16885081	-0.3	
24	714	1432.8	-2.5	-1.8	-0.7	-1	1.7	15282847	-0.8	
24	713.7	1432.7	-2.3	-1.7	-0.7	-1.3	1.7	14052014	-1.2	
24	713.4	1432.8	-2.2	-1.4	-0.6	-1.7	1.7	13004659	-1.6	
24	713.1	1432.8	-2.5	-1.9	-0.4	-1.5	1.6	12033046	-1.8	
24	712.8	1432.7	-3	-2.6	-0.3	-2.2	1.4	11196524	-2	
24	712.5	1432.5	-2.6	-1.8	-0.4	-1.8	1.1	10574495	-2.2	
24	712.2	1432.4	-2.3	-2	-0.1	-2.4	0.9	10163835	-2.4	
24	711.9	1432.1	-2.1	-1.9	-0.3	-2.1	0.6	10017943	-2.5	
24	711.6	1431.9	-2.2	-2	0	-2.3	0.3	10114734	-2.6	
24	711.3	1431.7	-2.4	-2.4	0.2	-2.5	0	10416667	-2.6	
24	711	1431.5	-2.1	-1.9	0.2	-2.2	-0.3	10962042	-2.4	
24	710.7	1431.3	-3.1	-2.7	0.2	-2.8	-0.5	11829096	-2.2	
24	710.4	1431	-3	-3	0	-2	-0.8	13004659	-1.8	
24	710.1	1430.9	-3.9	-3.8	0.1	-2.6	-0.9	14539931	-1.4	
24	709.8	1430.7	-2.8	-3	-0.1	-1.3	-1.1	16230620	-1.3	
24	709.5	1430.7	-2.7	-2.6	0.1	-1.6	-1.1	17895299	-1.2	
24	709.2	1430.5	-2.4	-2.4	0.1	-1.3	-1.1	19386574	-1.1	
24	708.9	1430.4	-2.7	-2.9	0	-1	-1.1		-1.1	
24	708.6	1430.5	-2.4	-2.6	0	-1.2	-0.9		-1.2	
24	708.3	1430.5	-2.5	-2.8	0	-0.8	-0.8		-1.3	
24	708	1430.8	-2.7	-3	0.1	-1.1	-0.5	19034091	-1.4	
24	707.7	1430.9	-2.8	-3.5	0.1	-0.9	-0.4	17743644	-1.4	
24	707.4	1431.3	-3.2	-3.9	0.3	-2.1	-0.2	16357422	-1.6	
24	707.1	1431.3	-2.5	-2.8	0.2	-1.8	-0.2	15062950	-2	
24	706.8	1431.2	-2.2	-2.5	0.2	-1.9	-0.1	13958333	-2.1	
24	706.5	1431.3	-3.2	-4	0	-2.5	0.1	13085938	-2.1	
24	706.2	1431.3	-2.7	-2.9	0	-2	0.1	12389053	-2.3	
24	705.9	1431.3	-2.8	-3.5	-0.1	-2.1	0.1	11964286	-2.4	
24	705.6	1431.4	-3	-2.7	-0.2	-2.5	0.2	11567680	-2.6	
24	705.3	1431.5	-2.6	-2.6	-0.3	-1.9	0.3	11379076	-2.7	
24	705	1431.7	-2.7	-2.1	-0.3	-1.9	0.4	11379076	-2.7	
24	704.7	1431.8	-2.7	-1.9	-0.2	-2.4	0.4	11631945	-2.6	
24	704.4	1431.8	-2.4	-0.7	-0.2	-2.3	0.5	12102601	-2.4	
24	704.1	1431.9	-2.9	-1.1	-0.3	-2.1	0.7	12845092	-2.1	
24	703.8	1431.9	-3.5	-1.2	-0.2	-2.4	0.7	13958333	-1.8	
24	703.5	1432	-3.7	-1.7	-0.2	-2.2	0.8	15282847	-1.5	
24	703.2	1432	-3.5	-1.3	-0.4	-1.9	1	17303719	-1.3	
24	702.9	1432	-4	-1.5	-0.2	-1.8	1		-1.1	
24	702.6	1432	-3.8	-1.3	-0.3	-1.4	1		-1.1	
24	702.3	1432	-3.3	-1.2	-0.3	-0.9	0.9		-1.1	
24	702	1431.9	-2.9	-1.1	-0.2	-1.1	0.7		-1.2	
24	701.7	1431.7	-2.5	-0.3	-0.2	-0.7	0.5		-1.3	
24	701.4	1431.5	-3.2	-0.7	-0.3	-1.2	0.3		-1.6	
24	701.1	1431.4	-3.2	-0.9	-0.1	-1.1	0		-2.1	
24	700.8	1431.3	-2.8	-0.6	-0.1	-1.3	-0.2		-2.5	
24	700.5	1431	-3.9	-1.4	-0.2	-2.7	-0.3		-2.6	
24	700.2	1430.9	-4.2	-1.2	-0.2	-3.1	-0.4		-2.6	
24	699.9	1431	-4.2	-1.6	-0.3	-3.5	-0.3		-2.6	
24	699.6	1431	-3.6	-1.3	-0.5	-3.2	-0.2		-2.5	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
24	699.3	1431	-3.4	-1.3	-0.8	-3.1	0	19034091	-2.2	
24	699	1431	-3.7	-1.5	-0.8	-2.6	0.2	16750000	-1.6	
24	698.7	1431.1	-4.7	-2.3	-1	-2.6	0.4	15062950	-0.9	
24	698.4	1431.2	-4.5	-2.4	-1.1	-2.1	0.6	13865894	-0.4	
24	698.1	1431	-3.6	-0.5	-1.4	-1.1	0.6	12924383	-0.2	
24	697.8	1431.1	-3.6	-0.6	-1.3	-0.5	0.6	12316177	-0.4	
24	697.5	1431.2	-3.3	0.6	-1.2	-0.3	0.5	11829096	-0.7	
24	697.2	1431.6	-2.8	0	-0.8	-0.8	0.4	11441257	-1.2	
24	696.9	1431.8	-2.4	0.3	-0.6	-1	0.3	11078042	-1.5	
24	696.6	1431.7	-2.3	0.1	-0.5	-1.2	0.1	10628173	-1.9	
24	696.3	1431.9	-2.7	0	-0.3	-1.3	0.1	10263481	-2.1	
24	696	1432.1	-2.7	-0.3	-0.1	-1.7	0.1	9829812	-2.6	
24	695.7	1432.5	-1.4	1.1	0.2	-1	0.4	9473982	-2.9	
24	695.4	1432.6	-2.8	-0.1	0.4	-2.3	0.4	9264381	-2.8	
24	695.1	1432.8	-3.1	-0.3	0.4	-2.2	0.5	9223568	-2.4	
24	694.8	1433	-2.9	0.3	0.3	-2	0.6	9347098	-1.9	
24	694.5	1433.2	-2.4	0.1	0.4	-1.9	0.6	9648618	-1.6	
24	694.2	1433.3	-2.2	0	0.6	-1.4	0.6	10213415	-1.2	
24	693.9	1433.1	-2.3	0.9	0.4	-1.1	0.4	11196524	-1	
24	693.6	1433.1	-2.7	0	0.3	-1.1	0.4	12612952	-0.8	
24	693.3	1432.8	-2.9	-0.1	0.1	-1.8	0.1	14849291	-0.6	
24	693	1432.6	-2.9	0.1	0.1	-1	-0.1	18528761	-0.4	
24	692.7	1432.5	-3.2	-0.6	0	-1.1	-0.2		-0.6	
24	692.4	1432.6	-2.8	-0.1	0	-1.1	-0.3		-0.9	
24	692.1	1432.6	-1.9	0.8	0	-0.7	-0.4		-1.1	
24	691.8	1432.6	-1.7	0.7	-0.2	-0.8	-0.3		-1.3	
24	691.5	1432.7	-1.7	1.2	0	-1.3	-0.2		-1.4	
24	691.2	1432.7	-2.1	1.4	0	-1.4	-0.2		-1.6	
24	690.9	1432.8	-1.9	1.8	0	-1.6	0		-1.8	
24	690.6	1432.7	-1.9	1.6	0	-1.7	0.1		-1.9	
24	690.3	1432.7	-2.3	1.7	-0.2	-2	0.3		-2	
24	690	1432.8	-2.3	1.5	-0.2	-2	0.4		-2.2	
24	689.7	1432.8	-2.1	1.2	-0.4	-2.1	0.5		-2.2	
24	689.4	1432.8	-2.1	0.8	-0.3	-2.8	0.5		-2.4	
24	689.1	1432.8	-1.3	1.2	-0.3	-2	0.4		-2.7	
24	688.8	1432.7	-1.8	1.4	-0.2	-2	0.3		-2.7	
24	688.5	1432.8	-1.3	1.9	-0.3	-1.6	0.3		-2.7	
24	688.2	1432.7	-1.2	1.6	-0.3	-1.7	0.3		-2.6	
24	687.9	1432.7	-1.5	2.4	-0.2	-1.6	0.3		-2.5	
24	687.6	1432.7	-2.3	1.9	-0.1	-2.3	0.3	19386574	-2.3	
24	687.3	1432.8	-2.6	1.6	-0.1	-2.3	0.4	16617064	-2	
24	687	1432.7	-1.7	1.9	-0.1	-1.3	0.4	15062950	-1.8	
24	686.7	1432.7	-2.3	1.1	-0.3	-2.3	0.7	14052014	-1.5	
24	686.4	1432.6	-2.8	0.9	-0.5	-2.3	0.8	13421474	-1.2	
24	686.1	1432.8	-2.8	1.9	-0.5	-2.6	1	13168239	-1.2	
24	685.8	1432.7	-2.3	2.2	-0.4	-2.4	0.9	13168239	-1.2	
24	685.5	1432.5	-2.5	1.1	-0.5	-2.1	0.7	13774671	-1.1	
24	685.2	1432.3	-2.3	1.3	-0.5	-1.8	0.4	14641608	-1.2	
24	684.9	1432.2	-2.5	0.8	-0.4	-1.5	0.1	15742481	-1.2	
24	684.6	1432	-2.2	0.6	-0.2	-1.5	-0.3	17161885	-1.3	
24	684.3	1431.8	-1.6	0.8	-0.1	-1.4	-0.7	18862613	-1.7	
24	684	1431.8	-1.6	0.7	0.4	-1.5	-1.1		-2.2	
24	683.7	1431.7	-1.5	1.2	0.5	-2	-1.4		-2.6	
24	683.4	1431.7	-1	1.7	1	-1.7	-1.7		-3	
24	683.1	1431.9	-1.4	0	1.7	-2.4	-1.8		-3.4	
24	682.8	1432	-1.2	1.6	2.1	-2.7	-1.9		-3.8	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
24	682.5	1432.2	-1.9	1.2	2.6	-3.1	-1.9		-3.7	
24	682.2	1432.4	-2.2	0.7	2.8	-3.2	-1.8		-3.3	
24	681.9	1432.5	-1.5	0.9	3.1	-2.4	-1.8		-2.7	
24	681.6	1432.5	-1.8	0.4	3.2	-1.9	-1.7		-2	
24	681.3	1432.4	-1.4	0.9	3.1	-0.7	-1.4		-1.2	
24	681	1432	-2.2	0.5	2.5	-0.8	-1.2		-0.3	
24	680.7	1431.5	-2.3	0.6	1.1	-0.1	-0.9		0.5	
24	680.4	1431.3	-2.3	0.6	-0.2	0.8	-0.3		1.2	
24	680.1	1430.8	-2.5	0.7	-1.4	0.8	0.1		1.4	
24	679.8	1430.8	-2.4	0.4	-2.4	1.5	0.8		0.8	
24	679.5	1430.6	-2	-0.1	-3.5	1	1.5		0.2	
24	679.2	1430.2	-2.1	-0.4	-4.6	-0.2	2		-0.7	
24	678.9	1429.7	-2.2	-0.5	-5.4	-1.7	2.3		-1.6	
24	678.6	1429.8	-2.5	-0.4	-5.5	-2.3	2.6		-2.3	
24	678.3	1430.6	-2	-0.1	-4.9	-2	2.9		-2.9	
24	678	1431.5	-2.7	-0.8	-3.9	-3.4	2.9	19034091	-3.4	
24	677.7	1432.1	-2	0.3	-2.8	-2.9	2.7	17447917	-3.6	
24	677.4	1432.4	-4	-1.7	-2	-4.9	2.3	15982825	-3.4	
24	677.1	1432.7	-4	-1.9	-1	-4.1	1.7	14744718	-2.8	
24	676.8	1433.1	-3.3	-1.2	0.2	-3.3	1.3	13684641	-2.5	
24	676.5	1433.2	-2.9	-1.6	1	-2.5	0.8	13085938	-2.1	
24	676.2	1433.4	-2.7	-0.9	1.7	-2.1	0.4	12689394	-1.6	
24	675.9	1433.7	-3.5	-2.2	2	-2.8	0.1	12612952	-1.3	
24	675.6	1433.6	-3	-1.8	1.9	-1.8	-0.3	12612952	-1	
24	675.3	1433.6	-2.8	-1.3	1.8	-1.8	-0.5	12689394	-0.9	
24	675	1433.4	-2.5	-0.2	1.5	-0.3	-0.5	12766768	-0.8	
24	674.7	1433.3	-3.4	-0.8	1.3	-1.3	-0.5	12845092	-0.9	
24	674.4	1433.1	-2.9	-1.2	1	-1.2	-0.5	12766768	-1	
24	674.1	1433	-2.8	-0.5	0.8	-1.6	-0.5	12612952	-1.2	
24	673.8	1432.8	-2	0.8	0.4	-1.3	-0.5	12389053	-1.5	
24	673.5	1432.6	-2.1	0.7	0	-1.1	-0.5	12172965	-1.9	
24	673.2	1432.5	-1.8	0.5	-0.1	-1.2	-0.5	11829096	-2.2	
24	672.9	1432.5	-1.7	0.8	-0.1	-1.8	-0.4	11441257	-2.5	
24	672.6	1432.4	-1.9	0.4	-0.3	-2.3	-0.3	11136968	-2.6	
24	672.3	1432.2	-2	0.5	-0.5	-2.1	-0.3	10904948	-2.8	
24	672	1432.2	-2.1	0.1	-0.4	-2.2	-0.2	10737180	-2.9	
24	671.7	1432.2	-1.8	-0.2	-0.6	-2	-0.1	10521357	-3	
24	671.4	1432.4	-1.6	0	-0.6	-2.3	0.1	10213415	-2.9	
24	671.1	1432.4	-2.2	-0.7	-0.7	-2.3	0.2	9970238	-2.6	
24	670.8	1432.6	-2.5	-1.5	-0.8	-2.4	0.4	9693287	-2.3	
24	670.5	1432.5	-2	-0.6	-1	-1.8	0.4	9473982	-2.2	
24	670.2	1432.6	-1.9	-0.7	-1.1	-1.7	0.5	9389014	-2	
24	669.9	1432.6	-1.9	0	-1	-1.5	0.5	9305556	-1.9	
24	669.6	1432.6	-2.7	-0.5	-1.1	-1.7	0.4	9431306	-1.7	
24	669.3	1432.9	-2.9	-1.4	-1	-1.9	0.5	9738372	-1.6	
24	669	1433.1	-2.4	-0.6	-1	-1.5	0.6	10213415	-1.6	
24	668.7	1433.2	-3	-1.6	-1	-2.1	0.7	10904948	-1.6	
24	668.4	1433.4	-3	-0.8	-0.9	-1.7	0.8	11896307	-1.6	
24	668.1	1433.7	-3.1	-0.8	-0.8	-1.9	1	13421474	-1.3	
24	667.8	1434	-2.5	-0.2	-0.6	-1.5	1.3	15509259	-1.3	
24	667.5	1434.1	-2.7	-0.2	-0.4	-1.8	1.4	18366228	-1.3	
24	667.2	1434.4	-3.2	-0.8	-0.1	-2	1.5		-1.3	
24	666.9	1434.5	-3.4	-1.4	0	-1.7	1.5		-1.2	
24	666.6	1434.6	-3.3	-1.2	0.2	-1.8	1.4		-1.2	
24	666.3	1434.5	-2.8	-0.6	0.2	-1.1	1.3		-1.4	
24	666	1434.5	-3.2	-0.7	0.4	-1.7	1.1		-1.6	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
24	665.7	1434.4	-3	-1	0.4	-1.7	0.9		-1.8	
24	665.4	1434.1	-2.7	0	0.3	-2	0.6		-1.9	
24	665.1	1433.7	-2.5	-0.5	0.4	-1.9	0.3		-2.1	
24	664.8	1433.4	-2.4	1.6	0.5	-1.5	0		-2.3	
24	664.5	1433.2	-2.8	1.2	0.7	-1.8	-0.2		-2.2	
24	664.2	1432.9	-3	0.3	0.6	-1.9	-0.5		-1.8	
24	663.9	1432.7	-3.2	-0.3	0.5	-2.3	-0.8		-1.4	
24	663.6	1432.5	-3.3	-0.6	0.5	-1.9	-1.1		-1.1	
24	663.3	1432.6	-3.1	0.4	0.5	-1.2	-1.2		-0.6	
24	663	1432.4	-2.6	0.4	0.4	-0.6	-1.2		-0.4	
24	662.7	1431.9	-2.7	0.1	0.2	-0.4	-1.4		-0.1	
24	662.4	1431.4	-3.2	-0.7	-0.2	-0.7	-1.5		0.4	
24	662.1	1431	-3	0.4	-0.5	0.2	-1.5		0.5	
24	661.8	1431.1	-2.6	0.3	-0.5	0.5	-1.4		0.4	
24	661.5	1431.5	-1.8	1	-0.4	1.1	-1.1		-0.2	
24	661.2	1431.8	-1.7	0.3	-0.2	0.4	-0.9		-0.8	
24	660.9	1432.2	-1.9	0.2	-0.2	-0.5	-0.6		-1.3	
24	660.6	1432.4	-2.1	-0.3	-0.1	-1.4	-0.4		-1.8	
24	660.3	1432.6	-2.4	-0.7	0.1	-2.2	-0.1		-2.3	
24	660	1432.8	-1.9	0	0.2	-2	0.3		-2.9	
24	659.7	1432.8	-2.6	-0.6	0.3	-3.3	0.5		-3.3	
24	659.4	1433	-2.4	-0.3	0.4	-3.5	0.8		-3.5	
24	659.1	1433.3	-3	-1.2	0.2	-4.3	1		-3.6	
24	658.8	1433.3	-2.4	-0.8	0	-4	1		-3.6	
24	658.5	1433.4	-2.2	0	-0.1	-4	1		-3.6	
24	658.2	1433.3	-2.4	0.1	-0.3	-3.9	0.9		-3.2	
24	657.9	1433.2	-2.2	-0.2	-0.3	-3.3	0.8		-3.1	
24	657.6	1433.1	-2.5	-0.6	-0.3	-3.6	0.6		-2.8	
24	657.3	1432.9	-2.2	-0.3	-0.2	-3	0.4		-2.6	
24	657	1432.6	-2.1	0.6	-0.3	-2.6	0.2		-2.2	
24	656.7	1432.6	-2.7	0.2	-0.1	-2.3	0.1		-1.9	
24	656.4	1432.7	-2.2	0.2	0.1	-1.8	0		-1.8	
24	656.1	1432.8	-1.8	1.2	0.1	-1.5	0		-1.6	
24	655.8	1432.9	-1.3	1.7	0.4	-1	0.1		-1.6	
24	655.5	1432.8	-1.7	1.4	0.3	-1.5	0.1		-1.6	
24	655.2	1432.8	-1.6	0.9	0.4	-1.1	0.1		-1.6	
24	654.9	1432.6	-1.1	1.6	0.4	-0.9	0.1		-1.7	
24	654.6	1432.4	-1	2.2	0.4	-1.3	0.1		-1.8	
24	654.3	1432	-1.5	1.9	0.1	-1.4	0.1		-1.8	
24	654	1432	-1.9	1.4	-0.2	-1.8	0.2		-1.9	
24	653.7	1431.9	-1.6	1.2	-0.4	-1.6	0.1		-1.9	
24	653.4	1431.6	-1.4	1.8	-0.6	-2.2	-0.1		-2	
24	653.1	1431.5	-1.3	1.7	-0.6	-1.8	-0.2		-2.2	
24	652.8	1431.4	-1.6	1.1	-0.6	-1.9	-0.4		-2.1	
24	652.5	1431.3	-1.5	1	-0.6	-1.9	-0.6		-2	
24	652.2	1431.2	-0.9	1.5	-0.6	-1.6	-0.7		-1.9	
24	651.9	1431.1	-1.2	1.6	-0.5	-1.4	-0.8		-1.8	
24	651.6	1431.3	-1.9	1.1	-0.4	-1.7	-0.8		-1.6	
24	651.3	1431.6	-2	1.2	-0.2	-1.7	-0.7		-1.5	
24	651	1431.7	-1	2.3	-0.1	-1	-0.5		-1.5	
24	650.7	1431.8	-1.6	1.5	-0.2	-1.6	-0.3		-1.3	
24	650.4	1432.1	-1.9	0.7	-0.2	-1.4	0.1		-1.1	
24	650.1	1432.4	-2	0.7	-0.2	-1.4	0.4		-0.9	
24	649.8	1432.7	-1.4	1.8	-0.1	-1.3	0.7		-0.9	
24	649.5	1432.8	-1.6	1.4	-0.2	-1.4	0.9		-0.9	
24	649.2	1432.9	-1.6	1	-0.4	-0.6	1		-0.9	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
24	648.9	1433	-2	-0.2	-0.5	-0.8	1		-1	
24	648.6	1433	-1.7	0	-0.5	-1.3	0.9		-1.1	
24	648.3	1433	-1.2	0.7	-0.3	-0.8	0.7		-1.5	
24	648	1432.9	-1.6	0.5	-0.4	-1.5	0.5		-1.9	
24	647.7	1433.1	-1.4	1	-0.2	-1.4	0.4		-2.3	
24	647.4	1433.1	-1	0.9	-0.1	-1.5	0.4		-2.5	
24	647.1	1433.2	-1	1.6	0.2	-1.6	0.4		-2.8	
24	646.8	1433.3	-1.8	0.6	0.4	-2.7	0.4		-3	
24	646.5	1433.5	-2.5	0.5	0.7	-3.5	0.3		-3.1	
24	646.2	1433.5	-2.1	0.3	1	-2.8	0		-2.8	
24	645.9	1433.4	-2.2	0	1.1	-3.1	-0.2		-2.4	
24	645.6	1433.5	-2.1	0.3	1.3	-2.2	-0.3	19752359	-1.9	
24	645.3	1433.3	-2.5	-0.3	1.1	-2.5	-0.4	17594538	-1.3	
24	645	1432.9	-2.5	0	1.2	-2.3	-0.7	15982825	-0.7	
24	644.7	1432.5	-2.7	-0.5	1	-2.1	-0.9	14849291	-0.1	
24	644.4	1432.2	-2.6	-0.5	0.9	-1.2	-1	13958333	0.2	
24	644.1	1432.1	-2.2	0.5	0.7	0.8	-0.9	13168239	0.6	
24	643.8	1432.1	-2.4	-0.2	0.3	0.1	-0.6	12612952	0.7	
24	643.5	1432.1	-1.7	0.1	0	1	-0.2	11964286	0.6	
24	643.2	1432.1	-1.9	-0.6	-0.3	-0.2	0.1	11256721	0.1	
24	642.9	1432.1	-1.3	0.4	-0.5	0.3	0.3	10574495	-0.5	
24	642.6	1431.8	-0.7	0.9	-0.7	0	0.4	9783879	-1.1	
24	642.3	1431.6	-0.4	0.7	-1.1	0.1	0.6	8986052	-1.8	
24	642	1431.3	-0.6	0.4	-1.3	-0.9	0.7	8308532	-2.2	
24	641.7	1431.1	-2.3	-0.8	-1.6	-2.5	0.7	7754630	-2.4	
24	641.4	1431.2	-1.4	0.5	-1.4	-1.9	0.6	7346491	-2.6	
24	641.1	1431.1	-2	-0.4	-1.5	-3.3	0.4	7073480	-2.6	
24	640.8	1431.1	-1.1	0.3	-1.3	-2.3	0.1	6932947	-2.6	
24	640.5	1431.3	-1.7	-0.4	-0.9	-3.2	0.1	6932947	-2.5	
24	640.2	1431.3	-1	0.6	-0.8	-1.9	0.1	7145905	-2.2	
24	639.9	1431.6	-1.9	-0.4	-0.4	-3.4	0.1	7558664	-1.9	
24	639.6	1431.6	-1.3	-0.4	-0.2	-1.8	0.1	8178711	-1.5	
24	639.3	1431.9	-2.1	-0.9	0.4	-1.8	0.1	8986052	-1.1	
24	639	1432	-1.8	0.1	0.4	-1.3	0.1	9922986	-1	
24	638.7	1432.3	-0.8	1.2	0.7	-0.5	0.1	10904948	-1	
24	638.4	1432.4	-0.8	0.2	0.9	-0.4	0.1	11762641	-1.1	
24	638.1	1432.2	-0.8	0.8	0.6	-0.6	0.1	12389053	-1	
24	637.8	1432.2	-1.8	0.1	0.5	-1.1	0.3	12537425	-1	
24	637.5	1432.1	-0.5	1.5	0	0.1	0.5	12316177	-1.3	
24	637.2	1432.1	-1.4	0	-0.2	-1.5	0.7	11896307	-1.6	
24	636.9	1431.8	-0.4	1.2	-0.8	-0.6	0.8	11379076	-1.9	
24	636.6	1431.8	-1.5	0.1	-1.1	-1.7	1	10904948	-2	
24	636.3	1431.8	-0.6	1.4	-1.4	-1	1.2	10468750	-2.2	
24	636	1431.7	-1.8	-0.1	-1.6	-2.8	1.3	9970238	-2.2	
24	635.7	1431.6	-0.6	0.6	-1.9	-1.2	1.4	9517046	-2.2	
24	635.4	1431.6	-2.4	-0.8	-1.9	-3	1.4	9143013	-2	
24	635.1	1431.7	-1.8	-0.4	-1.7	-2.8	1.3	8834388	-2.1	
24	634.8	1431.7	-1.7	-0.7	-1.6	-2.4	1.1	8511179	-2.1	
24	634.5	1431.7	-1.4	-0.4	-1.4	-2.2	1	8243110	-2.1	
24	634.2	1431.7	-1.8	0	-1.5	-1.6	1	7991412	-1.9	
24	633.9	1431.7	-2.8	-0.3	-1.3	-2.9	0.9	7812500	-2	
24	633.6	1431.7	-1.6	0.5	-1.4	-0.9	1	7783457	-1.8	
24	633.3	1432	-2.5	-0.3	-1	-2.8	1	7871241	-1.9	
24	633	1432	-1	1.1	-1	-0.3	1	8052885	-2	
24	632.7	1432.2	-1.7	0.8	-0.8	-1.2	1.2	8341634	-2.2	
24	632.4	1432.4	-1.5	1	-0.6	-0.9	1.3	8651860	-2.4	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
24	632.1	1432.5	-2.2	0.5	-0.3	-2	1.2	9063853	-2.4	
24	631.8	1432.6	-2.6	0	0	-2.3	1	9473982	-2.2	
24	631.5	1432.5	-3.1	-0.9	0	-2	0.7	9922986	-1.7	
24	631.2	1432.6	-3.1	-0.7	0.3	-2.5	0.4	10365099	-1.5	
24	630.9	1432.5	-2.6	-0.9	0.2	-1.2	0.1	10737180	-1.2	
24	630.6	1432.3	-3.1	-1.2	0.5	-2.4	-0.3	10962042	-0.8	
24	630.3	1431.9	-3.5	-2.2	0.3	-2	-0.8	11136968	-0.3	
24	630	1431.7	-4.2	-3.5	0.5	-2.4	-1.2	11317568	0.2	
24	629.7	1431.6	-3.8	-3.4	0.5	-1.2	-1.4	11504121	0.3	
24	629.4	1431.6	-3.2	-2.6	0.4	-0.3	-1.4	11631945	0.2	
24	629.1	1431.8	-2.8	-0.5	0.4	-0.1	-1.2	11631945	-0.1	
24	628.8	1432.1	-2.6	-1.2	0.2	-0.2	-0.9	11504121	-0.4	
24	628.5	1432.4	-2.6	-0.6	0.3	-1.1	-0.5	11256721	-0.9	
24	628.2	1432.3	-1.9	-0.8	0	-0.3	-0.2	10904948	-1.2	
24	627.9	1432.5	-1.9	-0.2	-0.2	-0.4	0.3	10574495	-1.4	
24	627.6	1432.5	-1.7	-0.7	-0.4	0.1	0.7	10263481	-1.5	
24	627.3	1432.5	-2.5	-0.6	-0.5	-0.8	1	10017943	-1.4	
24	627	1432.7	-2.7	-1.4	-0.4	-0.9	1.2	9876179	-1.3	
24	626.7	1432.8	-2.4	-0.3	-0.4	-0.8	1.2	9783879	-1.1	
24	626.4	1432.9	-2.5	-0.7	-0.2	-0.9	1.1	9783879	-1	
24	626.1	1432.8	-2.2	-1.4	-0.2	-0.1	1	9876179	-0.8	
24	625.8	1432.8	-2.4	-1.6	0.1	-0.8	0.8	10017943	-0.9	
24	625.5	1432.8	-2.2	-1.4	0.2	-0.7	0.6	10213415	-1.1	
24	625.2	1432.7	-2.3	-0.5	0.4	-1.4	0.4	10468750	-1.5	
24	624.9	1432.5	-2.3	-1.8	0.3	-1.2	0.2	10737180	-1.6	
24	624.6	1432.2	-3	-1.6	0.2	-2	-0.1	10962042	-1.8	
24	624.3	1432.1	-2.7	-2.3	-0.1	-2.1	-0.2	11196524	-2.1	
24	624	1431.9	-2.6	-1.1	-0.2	-2.2	-0.3	11441257	-2.2	
24	623.7	1431.6	-3.2	-2.6	-0.4	-3.1	-0.5	11631945	-2.3	
24	623.4	1431.5	-3.2	-1.4	-0.5	-3.2	-0.5	11829096	-2.4	
24	623.1	1431.4	-3.4	-2.8	-0.5	-3.4	-0.5	12033046	-2.5	
24	622.8	1431.3	-3.2	-0.8	-0.6	-3.3	-0.6	12244152	-2.4	
24	622.5	1431.4	-2.9	-1.1	-0.5	-3	-0.5	12462798	-2.4	
24	622.2	1431.6	-3	-1.3	0	-2.4	-0.5	12689394	-2.3	
24	621.9	1432	-3	-1.6	0.2	-2.5	-0.3	12845092	-2.3	
24	621.6	1432	-2.6	-0.8	0.1	-1.8	-0.3	12766768	-2.2	
24	621.3	1432.1	-2.6	0.2	0.3	-2.1	-0.3	12537425	-2.2	
24	621	1432.1	-2.3	-0.7	0.3	-1.4	-0.3	12172965	-2	
24	620.7	1432.1	-2.8	-0.3	0.3	-1.7	-0.3	11829096	-1.8	
24	620.4	1432.3	-2.3	-1.3	0.5	-1	-0.2	11379076	-1.7	
24	620.1	1432.2	-2.4	-0.7	0.2	-1.2	-0.2	10962042	-1.5	
24	619.8	1432.1	-2.8	-1.3	0	-1.2	-0.2	10682398	-1.3	
24	619.5	1432.2	-2.9	-0.7	-0.3	-0.9	-0.1	10521357	-1.1	
24	619.2	1432.4	-3.3	-0.7	-0.4	-1.4	0.1	10628173	-1.2	
24	618.9	1432.6	-2.3	0.8	-0.6	-0.3	0.3	11078042	-1.2	
24	618.6	1432.8	-2.6	0.5	-0.8	-0.8	0.5	11896307	-1.2	
24	618.3	1432.8	-2.3	0.3	-1.1	-0.3	0.7	13251582	-1.2	
24	618	1432.8	-2.8	0.3	-1.3	-1	0.7	15062950	-1.1	
24	617.7	1432.9	-2.5	1	-1.3	-0.8	0.9	17303719	-1.2	
24	617.4	1433	-2.8	1.4	-1.2	-0.8	1	19940476	-1.2	
24	617.1	1433.2	-3.3	0.5	-1.1	-1.2	1		-1.3	
24	616.8	1433.3	-3.5	-0.3	-1.1	-1.2	1		-1.3	
24	616.5	1433.7	-3.8	-1	-0.8	-2.4	1		-1.5	
24	616.2	1434	-3.7	-1.1	-0.7	-2.2	1		-1.6	
24	615.9	1434.3	-3.7	-1.1	-0.5	-2.6	1		-1.7	
24	615.6	1434.5	-3.5	-1.6	-0.3	-2.2	1	18528761	-1.8	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
24	615.3	1434.5	-3.3	-1.4	-0.1	-2.8	0.9	15982825	-1.9	
24	615	1434.4	-3.6	-1.9	-0.3	-2.7	0.8	14052014	-2	
24	614.7	1434.4	-3.8	-1.3	-0.3	-2.9	0.7	12689394	-2	
24	614.4	1434.5	-3.8	-1.1	-0.1	-3	0.6	11696928	-2	
24	614.1	1434.5	-3.6	-1.2	-0.3	-2.8	0.6	11136968	-2	
24	613.8	1434.6	-3.6	-1.1	-0.3	-2.9	0.6	10848446	-2	
24	613.5	1434.8	-3.2	-1	-0.3	-2.4	0.7	10682398	-2.1	
24	613.2	1434.8	-3.4	-1	-0.3	-2.8	0.7	10574495	-2.1	
24	612.9	1434.6	-2.4	-0.2	-0.3	-1.8	0.7	10574495	-2.2	
24	612.6	1434.7	-3	-0.7	-0.1	-2	0.9	10521357	-2.2	
24	612.3	1434.8	-2.6	-0.3	0.1	-1.1	1	10521357	-2.4	
24	612	1434.7	-2.1	0.9	0.1	-1.1	1	10416667	-2.7	
24	611.7	1434.7	-1.8	0.9	0.1	-1.3	1.1	10365099	-3	
24	611.4	1434.5	-1.6	1	0.2	-0.9	1	10213415	-3.2	
24	611.1	1434.4	-2.2	1	0.2	-2	0.9	9970238	-3.4	
24	610.8	1434.2	-1.8	1.4	0.4	-1.4	0.6	9648618	-3.5	
24	610.5	1433.9	-2.2	1.2	0.4	-1.6	0.4	9223568	-3.3	
24	610.2	1433.4	-2.8	0.4	0	-2.2	-0.1	8797269	-3.1	
24	609.9	1432.9	-3.9	-1	-0.3	-2.8	-0.7	8375000	-2.4	
24	609.6	1432.7	-3.5	-0.5	-0.3	-2.1	-1.1	7961027	-1.8	
24	609.3	1432.4	-3.5	-0.5	-0.4	-2.1	-1.6	7586051	-1.3	
24	609	1432.1	-4.3	-1.7	-0.5	-1.8	-2	7269965	-0.4	
24	608.7	1431.8	-3.9	-1.3	-0.8	-0.3	-2.2	7026007	0.3	
24	608.4	1431.6	-4.5	-2.2	-1	-0.6	-2.3	6887336	1	
24	608.1	1431.7	-5.4	-2.6	-0.9	-0.8	-2.1	6797890	1.6	
24	607.8	1432.4	-4.3	-2	-0.5	0.5	-1.5	6754032	1.7	
24	607.5	1433	-4.4	-2	-0.3	0.9	-0.9	6775890	1.3	
24	607.2	1433.6	-4.2	-1.4	-0.1	0	-0.3	6842320	0.9	
24	606.9	1434	-3.7	-0.8	0	-0.2	0.4	6910066	0	
24	606.6	1434.6	-4.1	-0.8	0.4	-1.3	1	6979167	-0.7	
24	606.3	1435.1	-4.3	-2	0.6	-1.8	1.6	7049664	-1	
24	606	1435.5	-3.9	-1.3	0.8	-1.8	2.1	7145905	-1.6	
24	605.7	1435.5	-3.8	-1.5	0.6	-1.7	2.3	7219828	-2	
24	605.4	1435.5	-3.4	-0.6	0.2	-2	2.4	7295296	-2.4	
24	605.1	1435.4	-4.1	-1.6	0	-2.9	2.2	7320804	-2.7	
24	604.8	1435.2	-3.2	-0.4	-0.2	-2.5	1.8	7269965	-2.9	
24	604.5	1434.8	-3.4	-0.1	-0.3	-3.2	1.3	7195017	-3.1	
24	604.2	1434.3	-2.8	0.7	-0.5	-2.2	0.7	7073480	-3.3	
24	603.9	1434	-3.1	0.7	-0.7	-2.6	0.2	6910066	-3.5	
24	603.6	1433.7	-2.8	0.9	-0.7	-2.5	-0.2	6732315	-3.5	
24	603.3	1433.6	-2.8	0.9	-0.8	-2.4	-0.3	6542969	-3.5	
24	603	1433.4	-3.4	0.1	-0.8	-3	-0.5	6344697	-3.2	
24	602.7	1433.5	-3.4	-0.1	-0.7	-2.5	-0.5	6158088	-3.2	
24	602.4	1433.6	-2.9	0.7	-0.4	-2.4	-0.5	6086483	-3.2	
24	602.1	1433.6	-3	0.8	-0.4	-2.3	-0.3	6104228	-3	
24	601.8	1433.7	-3.7	0.1	-0.1	-3.1	-0.2	6194527	-2.8	
24	601.5	1433.8	-3.7	-0.1	-0.2	-2.8	0	6383384	-2.6	
24	601.2	1433.8	-3.8	-0.2	-0.3	-2.7	0.2	6646826	-2.3	
24	600.9	1433.9	-3.9	-0.7	-0.1	-2.4	0.4	7026007	-2.1	
24	600.6	1433.9	-3.8	-0.4	-0.2	-1.9	0.7	7424646	-2	
24	600.3	1433.9	-4	-1.6	-0.4	-2	0.9	7900944	-1.9	
24	600	1433.8	-4.2	-1.2	-0.5	-2.4	1	8275692	-1.8	
24	599.7	1433.8	-3.9	-1.3	-0.6	-1.9	1.1	8408635	-1.7	
24	599.4	1433.8	-4	-1.9	-0.8	-1.6	1.2	8341634	-1.6	
24	599.1	1434	-3.9	-2.1	-0.8	-1.4	1.3	8052885	-1.6	
24	598.8	1434	-3.9	-2.3	-0.9	-1.4	1.3	7558664	-1.5	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
24	598.5	1433.6	-4.3	-2.1	-1.3	-1.4	1.1	7049664	-1.3	
24	598.2	1433.5	-4.4	-2.6	-1.4	-1.6	1.1	6542969	-1.2	
24	597.9	1433.2	-4.4	-2.2	-1.6	-1.5	0.9	6122076	-1.2	
24	597.6	1433.1	-4.3	-1.5	-1.6	-1.4	0.8	5832173	-1.3	
24	597.3	1433.1	-4.4	-0.5	-1.6	-1.8	0.7	5674120	-1.4	
24	597	1433.1	-4.2	-0.7	-1.5	-1.4	0.7	5628360	-1.4	
24	596.7	1433.3	-4.5	-1	-1.4	-1.5	0.7	5705041	-1.3	
24	596.4	1433.5	-4.3	0	-1.3	-1.6	0.7	5897888	-1.3	
24	596.1	1433.6	-4.4	-0.5	-1	-1.3	0.6	6231399	-1.1	
24	595.8	1433.7	-4.2	0.3	-1	-1.1	0.7	6710737	-1.1	
24	595.5	1433.8	-4.2	1.2	-0.8	-1.1	0.7	7320804	-1.1	
24	595.2	1434	-4.2	0.1	-0.6	-1.1	0.8	8052885	-1.1	
24	594.9	1434.1	-4.1	0.3	-0.6	-0.6	1	8871822	-1.2	
24	594.6	1433.9	-4.3	-0.1	-0.6	-1.7	1	9604358	-1.2	
24	594.3	1434	-4.7	-1	-0.6	-1.2	1.1	10114734	-1.3	
24	594	1434.3	-4.1	0	-0.5	-1.5	1.3	10263481	-1.4	
24	593.7	1434.4	-4.1	0.2	-0.4	-1.3	1.4	10066106	-1.6	
24	593.4	1434.5	-4	-0.1	-0.2	-1.8	1.6	9648618	-1.8	
24	593.1	1434.6	-4	-0.2	-0.2	-2.1	1.7	9223568	-2.1	
24	592.8	1434.5	-4.1	-0.7	-0.1	-2.5	1.7	8797269	-2.2	
24	592.5	1434.3	-5.1	-1	0.1	-3.7	1.3	8408635	-2.5	
24	592.2	1433.9	-3.4	-0.2	0.2	-2.5	0.9	8083977	-2.5	
24	591.9	1433.7	-5.1	-1.7	0.2	-3.7	0.5	7871241	-2.2	
24	591.6	1433.5	-3.8	-1	0.3	-2.8	0.1	7726015	-2	
24	591.3	1433.2	-4.4	-1.3	0.3	-3.1	-0.3	7697610	-1.6	
24	591	1432.6	-3.8	-1	0.1	-2	-0.8	7726015	-1.2	
24	590.7	1432.3	-3.7	-0.9	-0.2	-1.5	-1	7812500	-0.6	
24	590.4	1431.8	-3.4	0	-0.3	-0.8	-1.3	8022031	-0.2	
24	590.1	1431.7	-3.7	-0.3	-0.2	-0.2	-1.3	8341634	0.3	
24	589.8	1431.7	-2.4	0.5	-0.2	1	-1.1	8760460	0.2	
24	589.5	1431.9	-2.5	0.5	-0.2	0.9	-0.9	9305556	-0.2	
24	589.2	1432	-2	1.7	-0.3	0.7	-0.7	9970238	-1	
24	588.9	1432.1	-1.7	2	-0.5	0.1	-0.3	10792526	-1.7	
24	588.6	1432.1	-2	1.8	-0.3	-1.2	-0.2	11762641	-2.3	
24	588.3	1432.3	-1.6	2.3	-0.2	-1.3	0	12766768	-3.2	
24	588	1432.3	-1.5	2.3	-0.2	-2.2	0.1	13865894	-3.9	
24	587.7	1432.2	-1.3	2.7	-0.4	-2.4	0.2	14955357	-4.5	
24	587.4	1432.2	-3	1.2	-0.1	-4.6	0.1	15742481	-4.5	
24	587.1	1432.3	-2.1	1.8	-0.1	-3.3	0	16230620	-4.5	
24	586.8	1432.4	-3.5	0.5	0.1	-4.4	-0.1	16486221	-4.1	
24	586.5	1432.5	-2.6	1.3	0.2	-3.6	-0.2	16486221	-4	
24	586.2	1432.6	-2.5	1.4	0.4	-2.9	-0.3	16230620	-3.7	
24	585.9	1432.7	-3.3	1	0.5	-3.4	-0.3	15625000	-3.3	
24	585.6	1432.9	-3.1	1.3	0.8	-2.8	-0.3	14955357	-3	
24	585.3	1433	-3.1	1.3	0.8	-2.8	-0.2	14052014	-2.5	
24	585	1432.8	-3.5	0.8	0.7	-1.8	-0.2	13168239	-2.1	
24	584.7	1432.9	-4	0.4	0.5	-2.1	0	12462798	-1.6	
24	584.4	1432.9	-4.4	-0.2	0.3	-1.4	0.2	11762641	-1.3	
24	584.1	1432.8	-4.3	0.2	-0.1	-1.4	0.4	11379076	-1	
24	583.8	1432.8	-4.5	-0.2	-0.3	-1.7	0.6	11379076	-0.8	
24	583.5	1432.7	-4.8	-0.4	-0.5	-1.2	0.7	11762641	-0.6	
24	583.2	1432.6	-5.1	-0.9	-0.8	-1.5	0.7	12612952	-0.5	
24	582.9	1432.5	-4.3	-0.1	-0.9	-0.9	0.6	14243197	-0.5	
24	582.6	1432.4	-4.5	-0.3	-0.8	-1.1	0.6	17161885	-0.5	
24	582.3	1432.4	-4.9	-0.8	-0.8	-1.4	0.5		-0.6	
24	582	1432.4	-5.1	-0.8	-0.6	-1.5	0.4		-0.7	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
24	581.7	1432.5	-5.3	-0.6	-0.4	-1.9	0.3		-0.8	
24	581.4	1432.4	-4.7	-0.6	-0.4	-1.5	0.1		-0.9	
24	581.1	1432.4	-5	-0.9	-0.3	-1.6	0.1		-1	
24	580.8	1432.5	-5	-1	-0.2	-1.3	0.1		-1.1	
24	580.5	1432.5	-4.8	-0.8	-0.1	-1.8	0		-1.2	
24	580.2	1432.4	-4.3	-0.2	0	-1.5	-0.1		-1.3	
24	579.9	1432.4	-4.3	0.8	0	-1.5	-0.2		-1.4	
24	579.6	1432.4	-4.3	-0.9	0	-1.4	-0.3		-1.6	
24	579.3	1432.5	-4	1.1	0	-1.4	-0.3		-1.8	
24	579	1432.6	-3.7	0.1	0.1	-1.5	-0.3		-1.9	
24	578.7	1432.6	-4	0.4	0.1	-1.8	-0.3		-2	
24	578.4	1432.7	-4.4	-0.6	0	-2.1	-0.3	19208716	-2	
24	578.1	1432.8	-4	-0.3	0	-2	-0.2	16885081	-2	
24	577.8	1432.7	-3.7	-0.3	-0.1	-2	-0.2	15172102	-1.9	
24	577.5	1432.9	-3.4	0.3	-0.2	-2	0.1	13865894	-1.9	
24	577.2	1433	-3.9	-1.5	-0.3	-2	0.3	12689394	-1.9	
24	576.9	1433.1	-3.5	-1	-0.5	-1.6	0.5	11696928	-1.8	
24	576.6	1433.1	-3.4	-1.4	-0.6	-1.4	0.7	10792526	-1.8	
24	576.3	1433.2	-3.5	-1.8	-0.5	-1.4	0.9	10066106	-1.5	
24	576	1433.4	-3.6	-1.6	-0.4	-1.3	1.1	9517046	-1.5	
24	575.7	1433.6	-3.2	-1.6	-0.3	-1.1	1.3	9143013	-1.6	
24	575.4	1433.7	-2.9	-1.4	-0.3	-1	1.6	8871822	-1.6	
24	575.1	1433.6	-2.4	-1.1	-0.5	-0.8	1.8	8723959	-1.6	
24	574.8	1433.7	-3.3	-0.3	-0.3	-1.3	1.9	8616255	-1.6	
24	574.5	1433.6	-3.3	-1.2	-0.5	-1	2	8687760	-1.7	
24	574.2	1433.3	-3.9	-0.4	-0.4	-2	1.7	8871822	-1.7	
24	573.9	1433.1	-3.3	-0.7	-0.3	-1.1	1.3	9223568	-1.6	
24	573.6	1432.7	-3.2	-0.7	-0.4	-1.1	0.8	9738372	-1.4	
24	573.3	1432.5	-3.4	-0.1	-0.3	-1.3	0.4	10416667	-1.1	
24	573	1432.1	-3.3	-0.2	-0.3	-1.6	-0.2	11078042	-1	
24	572.7	1431.6	-3	0.1	-0.2	-1.6	-0.8	11762641	-1	
24	572.4	1431.3	-3.3	0.2	-0.2	-1	-1.3	12537425	-0.7	
24	572.1	1431	-4.4	-0.4	-0.1	-1.8	-1.8	13168239	-0.6	
24	571.8	1430.9	-3.8	0.6	-0.1	-1.2	-1.8	13595779	-0.6	
24	571.5	1430.9	-4	0.3	-0.1	-1.1	-1.8	13774671	-0.8	
24	571.2	1431.2	-3.3	1.2	0.1	-1.5	-1.5	13421474	-1.3	
24	570.9	1431.2	-3.1	1.7	-0.1	-1.6	-1.3	12689394	-1.7	
24	570.6	1431.5	-2.6	2.5	-0.1	-1.9	-0.9	11762641	-2	
24	570.3	1431.7	-2.4	1.9	-0.1	-1.8	-0.5	10737180	-2.2	
24	570	1431.8	-2.6	1.9	-0.3	-2	-0.1	9693287	-2.2	
24	569.7	1432.2	-3.1	1.8	-0.3	-2.2	0.4	8723959	-2.4	
24	569.4	1432.3	-2.6	2.5	-0.6	-2.1	0.8	7930871	-2.5	
24	569.1	1432.5	-4.1	1.2	-0.7	-2.9	1	7346491	-2.4	
24	568.8	1432.6	-3	1.7	-0.9	-2.4	1.1	6910066	-2.3	
24	568.5	1432.7	-3	2	-0.9	-2.4	1.3	6584120	-2.2	
24	568.2	1432.9	-2	3	-1	-1.4	1.5	6363982	-2.1	
24	567.9	1433	-2.5	2.3	-1	-1.7	1.5	6231399	-1.9	
24	567.6	1433.1	-2.2	2.1	-0.8	-1.1	1.5	6122076	-1.8	
24	567.3	1433.3	-2.3	2	-0.8	-1	1.5	6104228	-1.8	
24	567	1433.3	-2.2	2.1	-0.6	-1	1.4	6104228	-1.6	
24	566.7	1433.5	-3.1	0.9	-0.4	-1	1.4	6104228	-1.4	
24	566.4	1433.5	-2.5	1.2	-0.2	-0.9	1.2	6086483	-1.5	
24	566.1	1433.4	-2.5	1.5	0	-0.9	0.9	6086483	-1.5	
24	565.8	1433.3	-2.7	1.7	0.1	-1.6	0.6	6140030	-1.5	
24	565.5	1433.2	-3	1	0.1	-1.5	0.4	6268713	-1.3	
24	565.2	1433	-3.2	0.5	0	-1.6	0.2	6522586	-1.3	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
24	564.9	1432.9	-3.1	0.3	-0.1	-1.6	0.1	6955980	-1.4	
24	564.6	1432.6	-3	0.9	-0.2	-1.7	-0.2	7558664	-1.6	
24	564.3	1432.4	-2.8	0.7	-0.4	-1.5	-0.3	8511179	-1.8	
24	564	1432.3	-3.2	0.2	-0.2	-2.4	-0.5	9738372	-1.9	
24	563.7	1432.3	-3.3	0.2	-0.1	-2.4	-0.6	11078042	-2.1	
24	563.4	1432.3	-3.2	0.4	0	-2.8	-0.7	12316177	-2.4	
24	563.1	1432.5	-3.2	0	-0.1	-2.3	-0.5	13168239	-2.4	
24	562.8	1432.6	-3.5	-0.6	0	-2.6	-0.5	13004659	-2.5	
24	562.5	1432.6	-3.6	-1.2	0	-2.9	-0.5	11896307	-2.5	
24	562.2	1432.7	-3.6	-0.3	0	-2.7	-0.3	10314040	-2.2	
24	561.9	1432.8	-3.1	0.2	0	-2	-0.1	8651860	-2.2	
24	561.6	1432.6	-2.8	1.1	-0.1	-1.6	0.1	7320804	-2.2	
24	561.3	1432.7	-3.5	-0.2	-0.4	-2.3	0.5	6344697	-2	
24	561	1432.8	-2.9	0.3	-0.8	-2	1	5674120	-1.9	
24	560.7	1433	-3.6	-0.2	-1	-2.1	1.4	5208334	-1.5	
24	560.4	1433.1	-3.5	-0.2	-1.2	-2.2	1.7	4914906	-1.3	
24	560.1	1433.3	-3.3	-0.3	-1.4	-1.6	2	4758523	-1.1	
24	559.8	1433.4	-3.3	0	-1.5	-1.4	2.2	4736991	-0.9	
24	559.5	1433.3	-3.8	0.6	-1.7	-2.2	2.1	4846644	-0.6	
24	559.2	1433	-3.6	0.2	-1.5	-2.3	1.8	5069613	-0.4	
24	558.9	1433	-3.1	0.9	-1.4	-1.3	1.5	5341199	-0.4	
24	558.6	1432.8	-2.4	0.9	-1.2	-0.9	1.2	5628360	-0.5	
24	558.3	1432.7	-2.7	0.4	-0.7	-1.3	0.8	5948154	-0.7	
24	558	1432.7	-1.6	1	-0.4	0.1	0.5	6306476	-0.9	
24	557.7	1432.8	-2	0.4	-0.1	-1.3	0.4	6689297	-1.1	
24	557.4	1432.7	-1.9	0.7	0.3	-1.5	0.2	7026007	-1.6	
24	557.1	1432.9	-1.3	1.8	0.5	-1.2	0.3	7269965	-2	
24	556.8	1432.9	-0.5	2.1	0.5	-0.8	0.5	7372359	-2.5	
24	556.5	1433	-0.8	3.3	0.3	-1.8	0.8	7398410	-3	
24	556.2	1432.7	-1.1	1.9	-0.1	-3.3	0.9	7346491	-3.5	
24	555.9	1432.3	-0.6	2.4	-0.3	-2.4	0.8	7195017	-3.5	
24	555.6	1432.1	-1.7	0.3	-0.3	-4	0.6	6979167	-3.3	
24	555.3	1431.6	-0.3	2.2	-0.6	-2.2	0.3	6710737	-3.2	
24	555	1431.1	-0.7	1.5	-0.6	-2.3	-0.2	6442308	-2.8	
24	554.7	1431	-0.4	1.9	-0.5	-1.5	-0.5	6231399	-2.3	
24	554.4	1430.7	-0.9	1.3	-0.4	-1.6	-1.1	6016523	-1.7	
24	554.1	1430.7	-0.9	2.2	-0.3	-0.7	-1.4	5832173	-0.7	
24	553.8	1430.9	-0.2	2.3	-0.2	0.4	-1.3	5658784	-0.4	
24	553.5	1430.9	-0.6	1.9	-0.2	0.2	-1.1	5509869	-0.5	
24	553.2	1430.9	-0.4	2.3	-0.6	0	-0.7	5368590	-1.1	
24	552.9	1431	-0.6	2.4	-1	-1.3	0	5273930	-1.6	
24	552.6	1431.1	-0.6	2.6	-1.4	-1.7	0.7	5208334	-2	
24	552.3	1431.2	-1.1	2	-1.9	-2.6	1.4	5157020	-2.6	
24	552	1431.5	-1.5	1.5	-2.1	-2.9	2.1	5144349	-2.8	
24	551.7	1431.8	-1.1	1.7	-2.4	-3.4	2.6	5157020	-3.5	
24	551.4	1432	-1	2.2	-2.5	-4.3	2.6	5195410	-3.8	
24	551.1	1432.2	-2.1	1.2	-2.3	-5.2	2.4	5287248	-3.7	
24	550.8	1432.4	-1.3	1.9	-1.8	-4.2	2	5466710	-3.5	
24	550.5	1432.5	-1.4	1.8	-1.1	-3.9	1.5	5720629	-3.2	
24	550.2	1432.5	-1.1	2.4	-0.2	-3.1	0.9	6051301	-2.7	
24	549.9	1432.4	-1.9	1.7	0.6	-3.2	0.1	6482198	-2.1	
24	549.6	1432.4	-1.9	1.7	1.2	-2	-0.6	7002509	-1.6	
24	549.3	1432.5	-1.4	1.7	1.6	-1.4	-1.1	7586051	-1.1	
24	549	1432.9	-0.8	2	1.9	-0.3	-1.1	8146887	-1	
24	548.7	1433.3	-0.7	2.8	1.9	0	-0.9	8687760	-1	
24	548.4	1433.4	-0.8	2.1	1.7	-0.8	-0.7	9183114	-1	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
24	548.1	1433.2	-0.7	2.9	1.2	-0.7	-0.5	9560502	-1.1	
24	547.8	1432.6	-0.9	2.6	0.6	-1.1	-0.4	9876179	-1.1	
24	547.5	1432.2	-0.5	2.8	0	-0.2	0	10163835	-1.3	
24	547.2	1432.1	-1.4	1.9	-0.5	-1.2	0.5	10365099	-1.4	
24	546.9	1432.2	-1.1	2.7	-0.9	-1.4	1	10574495	-1.6	
24	546.6	1432.3	-1.9	1.7	-1.5	-2.6	1.3	10904948	-1.6	
24	546.3	1432.4	-1.2	1.9	-1.7	-1.9	1.4	11379076	-1.7	
24	546	1432.5	-0.7	1.7	-1.9	-1.6	1.5	11896307	-1.8	
24	545.7	1432.4	-0.7	2	-2	-1.4	1.5	12172965	-1.8	
24	545.4	1432.2	-0.7	0.9	-2.1	-1.1	1.6	12102601	-1.8	
24	545.1	1432.1	-1.2	0.8	-2	-2.2	1.5	11631945	-1.9	
24	544.8	1431.8	-1.3	0.6	-1.9	-2.1	1.2	10682398	-2	
24	544.5	1431.7	-1.2	0.1	-1.8	-2	1	9693287	-2.1	
24	544.2	1432	-1.1	-0.6	-1.4	-1.6	0.8	8651860	-2.2	
24	543.9	1432.2	-1.2	-0.4	-1.1	-2	0.6	7726015	-2.1	
24	543.6	1432.3	-1	0.1	-0.8	-2	0.4	6979167	-2	
24	543.3	1432.6	-1.5	-0.9	-0.3	-2.1	0.3	6462192	-1.8	
24	543	1432.9	-1.8	-0.1	0.3	-2.3	0.2	6140030	-1.7	
24	542.7	1432.9	-1.3	-1	0.5	-1.4	0	6068841	-1.6	
24	542.4	1432.9	-1	-0.3	0.8	-1.1	-0.1	6231399	-1.5	
24	542.1	1432.8	-1.6	-1.2	0.9	-1.7	-0.2	6646826	-1.4	
24	541.8	1432.9	-1.5	-0.6	1	-0.9	-0.2	7372359	-1.3	
24	541.5	1432.9	-1.5	-0.6	0.9	-1.3	-0.2	8511179	-1.3	
24	541.2	1432.9	-1.3	-1.1	1	-1	-0.2	10114734	-1.3	
24	540.9	1432.8	-1.7	-1.1	0.8	-1.1	-0.3	12244152	-1.3	
24	540.6	1432.7	-1.7	-1.3	0.5	-0.9	-0.3	14955357	-1.3	
24	540.3	1432.7	-1.8	-1.2	0.5	-0.9	-0.3	17895299	-1.5	
24	540	1432.7	-1.5	-0.9	0.3	-1.2	-0.3		-1.7	
24	539.7	1432.6	-1.3	-0.2	0.1	-1.2	-0.2		-2.2	
24	539.4	1432.3	-2.6	-1.1	-0.4	-2.2	-0.2		-2.2	
24	539.1	1432.2	-1.8	-0.7	-0.6	-1.4	-0.1	18049569	-2.4	
24	538.8	1432	-2.1	-1.1	-0.8	-2	-0.1	15982825	-2.5	
24	538.5	1432	-2.3	-0.2	-0.7	-1.9	-0.1	14539931	-2.5	
24	538.2	1432.1	-2.4	-1.1	-0.6	-2.5	-0.1	13595779	-2.4	
24	537.9	1432.1	-3.5	-2.1	-0.5	-2.6	-0.2	13004659	-1.8	
24	537.6	1432.4	-3	-1.9	-0.1	-1.8	-0.2	12537425	-1.4	
24	537.3	1432.6	-2.9	-1	0	-1.4	-0.2	12244152	-0.9	
24	537	1432.8	-3.8	-1.9	0.3	-1	-0.1	12244152	-0.3	
24	536.7	1432.8	-4.1	-2.7	0.3	-1.1	-0.1	12462798	0.3	
24	536.4	1432.9	-3.9	-3.1	0.2	-0.9	0	12689394	0.5	
24	536.1	1432.8	-4.1	-3.4	-0.3	-0.7	0.1	12845092	0.8	
24	535.8	1432.8	-2.9	-2.1	-0.7	0.8	0.4	12924383	0.8	
24	535.5	1432.8	-3.5	-2.8	-1	0	0.7	12845092	0.7	
24	535.2	1432.8	-3.6	-2.7	-1.4	0	1	12766768	0.6	
24	534.9	1433.1	-3.4	-2.9	-1.4	-0.6	1.4	12689394	0.1	
24	534.6	1433	-3.5	-2.1	-1.6	-0.6	1.5	12612952	-0.3	
24	534.3	1433.1	-3.6	-2.5	-1.4	-1.2	1.5	12845092	-0.7	
24	534	1433.4	-2.9	-1	-1	-1.1	1.5	13421474	-1	
24	533.7	1433.9	-3	-1.8	-0.6	-1.8	1.6	14243197	-1.5	
24	533.4	1434.1	-3.4	-2.7	-0.1	-3	1.3	15282847	-1.9	
24	533.1	1434.2	-2	-1.3	0.3	-1.6	1	16617064	-2	
24	532.8	1434	-3	-2.3	0.6	-2.4	0.4	18049569	-2	
24	532.5	1433.7	-2.5	-1.3	0.9	-1.8	-0.2	19034091	-2	
24	532.2	1433.4	-2.6	-1.3	1	-1.8	-0.7	19208716	-2	
24	531.9	1433.1	-2.1	-0.9	1	-1.4	-1	18206522	-2.1	
24	531.6	1433	-1.6	-0.5	0.8	-1.3	-1.2	16357422	-2.2	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
24	531.3	1433	-1.2	0	0.6	-1.2	-1.3	14340754	-2.3	
24	531	1433	-1.6	-0.6	0.5	-1.6	-1.2	12689394	-2.4	
24	530.7	1433	-1.2	0.3	0.4	-1.8	-1.1	11441257	-2.6	
24	530.4	1433.1	-1.5	0.3	0.2	-1.9	-0.8	10737180	-2.7	
24	530.1	1433	-1.9	-0.6	0.1	-2.5	-0.7	10468750	-2.6	
24	529.8	1433.2	-2.1	-1.1	0	-2.5	-0.4	10628173	-2.5	
24	529.5	1433.2	-2	-0.4	-0.3	-2.5	0	11317568	-2.5	
24	529.2	1433.3	-2.2	-0.7	-0.6	-2.9	0.3	12612952	-2.4	
24	528.9	1433.4	-1.6	-0.1	-0.8	-2.4	0.4	14744718	-2.2	
24	528.6	1433.4	-1.4	-0.1	-0.9	-2	0.4	17895299	-2.1	
24	528.3	1433.3	-1.9	-0.2	-0.8	-2.4	0.3		-1.9	
24	528	1433.4	-1.6	0.1	-0.6	-1.8	0.2		-1.9	
24	527.7	1433.6	-1.4	0.4	-0.4	-1.3	0.2		-1.9	
24	527.4	1433.8	-1.6	-0.1	-0.4	-1.2	0.4		-1.7	
24	527.1	1434	-1.9	-0.6	-0.1	-1.6	0.5		-1.6	
24	526.8	1434.3	-1.7	0.9	0.2	-1	0.7	16486221	-1.6	
24	526.5	1434.6	-1.6	0.2	0.3	-1	1	13595779	-1.6	
24	526.2	1434.7	-1.3	0.8	0.5	-1.4	1.2	11567680	-1.6	
24	525.9	1434.6	-1.6	0.7	0.6	-1.4	1.4	10213415	-1.6	
24	525.6	1434.6	-1.9	0.5	0.6	-1.7	1.6	9473982	-1.6	
24	525.3	1434.6	-2.1	1.4	0.5	-1.7	1.7	9223568	-1.7	
24	525	1434.4	-2.2	0.8	0.3	-1.9	1.6	9473982	-1.8	
24	524.7	1434	-1.7	1.2	-0.2	-1.4	1.3	10213415	-1.8	
24	524.4	1433.4	-2.5	1.3	-0.6	-2	0.7	11379076	-1.8	
24	524.1	1433.1	-2.7	1.4	-1	-1.9	0.1	13004659	-1.8	
24	523.8	1432.6	-1.5	2.4	-1.7	-1.1	-0.3	14955357	-1.8	
24	523.5	1431.9	-1.6	2.5	-2.2	-1.3	-0.6	17447917	-1.8	
24	523.2	1431.3	-2	0.9	-2.7	-1.4	-0.8	19752359	-1.8	
24	522.9	1431.2	-2.8	0.7	-2.7	-1.9	-0.8		-1.8	
24	522.6	1431.3	-2.6	1	-2.5	-1.6	-0.6		-1.7	
24	522.3	1431.7	-2.3	1.1	-1.9	-1.4	-0.2		-1.7	
24	522	1432.3	-2.9	0.6	-1.3	-1.5	0.4		-1.6	
24	521.7	1433.4	-3.6	0	-0.4	-1.7	1.1	19208716	-1.6	
24	521.4	1434.4	-3.2	-0.3	0.4	-2.3	1.6	18366228	-1.6	
24	521.1	1434.8	-2.6	0.4	1.2	-2.3	1.7	18049569	-1.6	
24	520.8	1435	-2.9	0.5	2.1	-2.7	1.5	18366228	-1.7	
24	520.5	1434.8	-3.3	-1.3	2.5	-2.7	0.9	18862613	-1.7	
24	520.2	1434.4	-3.1	-0.1	2.6	-2.3	0.2	19567757	-1.7	
24	519.9	1433.6	-3.5	-1	2.1	-3.1	-0.6	19940476	-1.4	
24	519.6	1432.9	-3.5	-0.9	1.9	-2.4	-1.4		-1.1	
24	519.3	1432.4	-4.2	-2.1	1.4	-2.4	-2.1		-0.6	
24	519	1432.2	-3.5	-1.9	1.1	-1.3	-2.5		-0.3	
24	518.7	1431.8	-2.2	-1	0.6	0	-2.6		-0.1	
24	518.4	1431.5	-1.8	-0.2	0.2	-0.2	-2.3		0	
24	518.1	1431.6	-1.8	-0.6	-0.2	0.1	-1.5		0	
24	517.8	1431.9	-2.3	-0.8	-0.5	-0.4	-0.5		0.1	
24	517.5	1432.4	-1.2	0.7	-0.4	-0.1	0.6		-0.8	
24	517.2	1432.6	-1.5	0.6	-0.9	-0.5	1.5		-1.3	
24	516.9	1432.9	-1.3	0.7	-1.3	-1.3	2.3		-2.5	
24	516.6	1432.8	-1.8	0.4	-1.9	-2.3	2.6		-3	
24	516.3	1432.7	-2.1	-0.5	-2.3	-3.4	2.7		-3.2	
24	516	1432.3	-0.2	1.2	-2.6	-2.2	2.5		-3.8	
24	515.7	1431.8	-0.5	1.4	-3	-2.8	2		-4.3	
24	515.4	1431.4	-0.5	1.1	-2.9	-2.8	1.3		-4.7	
24	515.1	1430.9	-0.3	1.1	-2.9	-3	0.4		-4.8	
24	514.8	1431	-1.1	0.5	-2.1	-3.4	-0.2		-4.7	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
24	514.5	1431.3	-0.8	1.1	-1.6	-2.8	-0.6		-4.7	
24	514.2	1431.9	-1.5	0.2	-0.7	-2.2	-0.8		-4.3	
24	513.9	1432.8	-1.5	0.1	0.2	-1.7	-0.6		-4	
24	513.6	1433.3	-1.7	-0.4	0.8	-2.6	-0.4		-3.6	
24	513.3	1433.9	-2.2	-0.6	1.6	-2.7	-0.1		-3.2	
24	513	1434.2	-2.6	-0.7	2	-2.4	0.1		-3	
24	512.7	1434.3	-2.9	-0.8	2.3	-2.8	0.1		-2.9	
24	512.4	1434.1	-3.4	-1.2	2.2	-2.3	0		-2.7	
24	512.1	1434	-4	-2.3	2	-2.7	-0.1		-2.2	
24	511.8	1433.9	-5.5	-3	1.8	-3.3	-0.3		-1.9	
24	511.5	1433.7	-5.5	-2.8	1.4	-2.9	-0.7		-1.6	
24	511.2	1433.4	-5.2	-3.7	1.1	-2.4	-1.1		-1.4	
24	510.9	1433	-4.8	-3.2	0.6	-1.7	-1.4		-1.3	
24	510.6	1432.8	-5.8	-3.8	0.3	-2.2	-1.4		-1	
24	510.3	1432.8	-5.7	-2.9	0.3	-1.5	-1.2		-0.9	
24	510	1432.8	-6.5	-3.9	0.1	-1.9	-0.9		-0.6	
24	509.7	1432.9	-6.1	-3.8	0.2	-2	-0.7		-0.7	
24	509.4	1433	-6.6	-3.7	0	-1.8	-0.5		-0.8	
24	509.1	1433.3	-6.8	-3.2	0.1	-2.3	-0.2		-0.9	
24	508.8	1433.6	-6.6	-3.4	0.2	-2.4	0.1		-1	
24	508.5	1433.7	-6.5	-3.9	0.4	-3.1	0.2		-1.1	
24	508.2	1433.6	-6.7	-3.8	0.4	-2.8	0.1		-1.2	
24	507.9	1433.1	-7.3	-4	0	-3.4	-0.2		-0.8	
24	507.6	1433.1	-6.9	-3.8	0.2	-2.9	-0.4	16750000	-1	
24	507.3	1432.9	-5.6	-2.1	0.2	-2.3	-0.7	14955357	-1.4	
24	507	1433	-5.6	-2.1	0.5	-2.1	-0.9	14340754	-1.5	
24	506.7	1433	-5.2	-1	0.4	-1.8	-1.2	14641608	-1.6	
24	506.4	1433.2	-5.2	-1.7	0.5	-2.1	-1.3	15282847	-1.6	
24	506.1	1433.3	-4.1	-1.9	0.4	-1.2	-1.3	16617064	-1.7	
24	505.8	1433.5	-4.4	-2.6	0.3	-1.6	-0.9	18528761	-1.7	
24	505.5	1433.7	-3.6	-1.8	0.5	-0.7	-0.4		-1.9	
24	505.2	1433.8	-3.5	-1.2	0.2	-0.9	0.2		-2.1	
24	504.9	1433.9	-3.2	-2	0	-1.7	0.9		-2.4	
24	504.6	1433.8	-3.4	-1.9	-0.5	-2	1.4		-2.6	
24	504.3	1434.3	-3.1	-1.8	-0.3	-1.6	1.8	18862613	-2.7	
24	504	1434.5	-2.8	-1	-0.5	-1.7	2	17161885	-3	
24	503.7	1434.7	-2.8	-0.7	-0.4	-1.9	2.1	15982825	-3	
24	503.4	1434.6	-2.2	-2	-0.4	-1.4	1.9	14955357	-3.2	
24	503.1	1434.2	-2.4	-1.9	-0.3	-2	1.5	14146960	-3.2	
24	502.8	1433.7	-2.5	-2	-0.2	-2.4	0.9	13508065	-3.4	
24	502.5	1433.2	-2.1	-1.8	0	-2.2	0.3	12924383	-3.5	
24	502.2	1432.7	-2.4	-1.3	0.3	-2.6	-0.3	12537425	-3.7	
24	501.9	1432.5	-3.2	-2.4	0.3	-2.8	-0.8	12389053	-3.4	
24	501.6	1432.7	-2.9	-1.4	0.4	-2.6	-0.8	12244152	-2.9	
24	501.3	1432.7	-3.7	-2.2	0.3	-3.1	-0.9	11964286	-2.4	
24	501	1432.6	-3.5	-1.8	0	-3.1	-0.9	11567680	-2	
24	500.7	1432.4	-3.5	-1.3	-0.1	-2.7	-0.9	11078042	-1.6	
24	500.4	1432.2	-3.5	-0.9	-0.2	-1.5	-0.8	10682398	-1	
24	500.1	1432	-3.6	-0.7	-0.7	-1.7	-0.5	10416667	-0.7	
24	499.8	1431.7	-3.6	-0.2	-1.2	-1.4	-0.2	10163835	-0.2	
24	499.5	1431.7	-4.4	-0.4	-1.6	-1.3	0.1	9783879	0.1	
24	499.2	1431.7	-3.6	1.9	-2	-0.9	0.4	9347098	-0.4	
24	498.9	1431.9	-3.2	2.3	-2.2	-0.7	0.7	8871822	-1	
24	498.6	1432.3	-2.6	2.6	-2.1	-1.1	1.1	8476721	-2.2	
24	498.3	1432.5	-2.4	2.4	-2.2	-2	1.5	8083977	-2.9	
24	498	1432.8	-3.6	2.2	-2	-3.3	1.8	7697610	-2.8	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
24	497.7	1433.2	-3.1	2.6	-1.7	-3.7	2	7320804	-3.4	
24	497.4	1433.6	-2.5	4	-1.3	-3.2	2.1	6979167	-3.9	
24	497.1	1433.9	-2.9	3.2	-1	-3.9	2.1	6689297	-4.3	
24	496.8	1433.9	-3.3	3.3	-0.9	-4.5	2	6482198	-4.2	
24	496.5	1434.1	-3.3	3.5	-0.8	-4.6	2	6344697	-4	
24	496.2	1434	-4	2.6	-0.7	-5.2	1.6	6306476	-3.8	
24	495.9	1433.9	-3.2	3.3	-0.6	-4.2	1.2	6344697	-3.7	
24	495.6	1433.9	-2.7	4	-0.6	-3.1	0.9	6502329	-3.6	
24	495.3	1433.8	-2	5.3	-0.7	-2.5	0.6	6775890	-3.4	
24	495	1433.9	-2.8	4.1	-0.7	-3.1	0.5	7145905	-3	
24	494.7	1433.9	-2.2	3.4	-0.6	-2.2	0.4	7641424	-3	
24	494.4	1433.9	-2.3	3.3	-0.3	-2.2	0.3	8178711	-3	
24	494.1	1433.9	-2.2	3	-0.3	-2	0.3	8723959	-3	
24	493.8	1433.9	-2.5	2.7	-0.2	-1.9	0.3	9103261	-2.8	
24	493.5	1434.1	-2.9	1.2	-0.1	-2.2	0.5	9305556	-2.7	
24	493.2	1434.4	-2.9	1.5	0	-2.2	0.7	9347098	-2.7	
24	492.9	1434.5	-2.7	0.9	0.1	-2.3	0.8	9183114	-2.6	
24	492.6	1434.6	-2.9	0.6	0	-2	0.8	8871822	-2.5	
24	492.3	1434.4	-3.2	0	0	-2.4	0.5	8476721	-2.4	
24	492	1434	-3	0.4	-0.2	-1.9	0.1	8083977	-2.1	
24	491.7	1433.8	-3.1	0	-0.3	-2	-0.1	7726015	-1.8	
24	491.4	1433.6	-2.9	-0.1	-0.3	-1.5	-0.3	7613637	-1.7	
24	491.1	1433.4	-3.6	-0.8	-0.2	-1.7	-0.5	7669414	-1.5	
24	490.8	1433.5	-4.1	-1.9	-0.1	-1.6	-0.6	7841760	-1.4	
24	490.5	1433.5	-4	-1.6	0.1	-1.7	-0.7	8052885	-1.4	
24	490.2	1433.6	-4	-1.5	0.3	-1.4	-0.7	8308532	-1.2	
24	489.9	1434	-4.1	-2	0.5	-1.4	-0.4	8616255	-1.4	
24	489.6	1434.3	-4	-1.6	0.6	-1.4	0.1	8871822	-1.6	
24	489.3	1434.5	-3.5	-0.3	0.5	-1.4	0.5	8986052	-1.8	
24	489	1434.5	-3.7	-0.8	0	-2.2	1	8986052	-1.9	
24	488.7	1434.1	-3.9	-0.2	-0.4	-2.5	1.2	8834388	-1.9	
24	488.4	1433.9	-4.9	-1.4	-0.8	-3.3	1.4	8651860	-1.9	
24	488.1	1433.7	-4.6	-1.1	-1	-3.3	1.4	8545919	-2	
24	487.8	1433.4	-4.7	-1.2	-1.2	-3.2	1.2	8580943	-1.9	
24	487.5	1433.4	-5	-1.4	-1.5	-3.8	1	8797269	-1.8	
24	487.2	1433.3	-5.3	-1.7	-1.6	-4.1	0.6	9264381	-1.7	
24	486.9	1433.3	-4.7	-0.3	-1.4	-3.6	0.1	10163835	-1.6	
24	486.6	1433.3	-3.9	-0.3	-1.1	-3	-0.5	11567680	-1.7	
24	486.3	1433.1	-3.1	0.1	-0.7	-2.5	-1.1	14146960	-1.7	
24	486	1433.1	-2.9	-0.3	-0.2	-1.8	-1.5	18206522	-1.9	
24	485.7	1433.1	-2.5	-0.1	0.2	-1.5	-1.7		-2	
24	485.4	1433.3	-2.7	0.9	0.8	-1.9	-1.7		-2.1	
24	485.1	1433.7	-1.9	1.2	1.2	-1.5	-1.4		-2.4	
24	484.8	1434.2	-1.8	0.7	1.7	-1.4	-1		-2.7	
24	484.5	1434.8	-1.9	1	1.9	-1.6	-0.4		-2.7	
24	484.2	1435.3	-1.5	1.8	1.9	-1.8	0.2		-2.8	
24	483.9	1435.7	-0.7	2.6	1.9	-1.8	1		-2.7	
24	483.6	1435.7	-1.1	2.9	1.6	-2.2	1.6		-2.4	
24	483.3	1435.4	-1.5	1.7	1.2	-2.7	1.8		-2	
24	483	1434.9	-1.2	1.5	0.5	-2.3	1.9		-1.8	
24	482.7	1434.4	-0.5	1.5	0.1	-1.6	1.7		-1.8	
24	482.4	1433.8	-1	1.8	-0.5	-1.9	1.4		-1.6	
24	482.1	1433.3	-1.2	1	-0.9	-1.7	0.9		-1.6	
24	481.8	1433.1	-1.1	1.2	-1.1	-1.4	0.4		-1.5	
24	481.5	1432.5	-0.1	2.1	-1.3	-0.8	-0.4		-1.7	
24	481.2	1432	0.3	2.8	-1.4	-0.4	-1.1		-2.1	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
24	480.9	1431.8	0.9	3.8	-1.2	0.1	-1.5		-2.7	
24	480.6	1431.7	1.4	4.3	-1.1	0	-1.6		-3.2	
24	480.3	1431.6	0.5	3.2	-1	-1.9	-1.6		-3.5	
24	480	1431.6	0.4	3.3	-0.8	-1.8	-1.4		-3.7	
24	479.7	1431.8	-0.3	2.9	-0.8	-2.6	-0.9		-3.9	
24	479.4	1432.2	-0.8	2.2	-0.7	-3.1	-0.2	17447917	-4.2	
24	479.1	1432.7	-1.4	1.7	-0.5	-4.1	0.4	15282847	-4.2	
24	478.8	1433.2	-1.7	1.2	-0.4	-4.5	1.1	14052014	-3.7	
24	478.5	1433.7	-2.3	1.3	-0.3	-5	1.6	13168239	-2.9	
24	478.2	1434	-2.4	1.7	-0.2	-5.3	1.8	12612952	-2.4	
24	477.9	1434	-1.6	2.4	0	-3.6	1.7	12389053	-1.9	
24	477.6	1433.8	-2.1	1.9	0.1	-3.5	1.4	12462798	-1.4	
24	477.3	1433.6	-2.1	2	0.2	-2.8	0.9	12689394	-1	
24	477	1433.1	-2.7	1.3	0.2	-2.7	0.1	12845092	-0.6	
24	476.7	1433.1	-2.9	0.6	0.3	-2.1	-0.5	12689394	-0.4	
24	476.4	1432.9	-2.1	1.6	0.4	-1	-1.3	12102601	-0.4	
24	476.1	1433	-1.3	2.6	0.4	-0.1	-1.7	11136968	-0.6	
24	475.8	1433.1	-0.4	4.5	0.4	0.8	-1.9	10114734	-0.9	
24	475.5	1433	-0.4	4.2	0.3	0	-1.8	9183114	-1	
24	475.2	1433.1	-0.4	4.3	0.7	0	-1.6	8341634	-1.4	
24	474.9	1433.1	-0.2	4.8	0.7	-0.3	-1.1	7697610	-1.8	
24	474.6	1433.3	-0.5	4.8	1	-0.9	-0.6	7195017	-2.1	
24	474.3	1433.8	-1	3.7	1.1	-1.5	0.1	6887336	-2.2	
24	474	1434.4	-1.3	2.6	1.4	-2.2	0.8	6754032	-2.2	
24	473.7	1434.9	-1.3	1.8	1.4	-2.6	1.4	6797890	-2.2	
24	473.4	1435.2	-1.7	1.2	1.2	-3.7	1.9	7002509	-2.3	
24	473.1	1434.9	-1.1	1.4	0.9	-3.3	1.9	7269965	-2.2	
24	472.8	1434.2	-1.4	1.3	0.2	-3.8	1.6	7586051	-2.1	
24	472.5	1433.4	-1.4	0.5	-0.4	-3.2	1.1	7900944	-2	
24	472.2	1432.7	-0.7	1.1	-1	-2.4	0.7	8178711	-2.1	
24	471.9	1432.1	-0.4	1.5	-1.6	-1.8	0.2	8308532	-2.1	
24	471.6	1431.6	-0.4	1.1	-2.1	-1.4	-0.2	8243110	-2.1	
24	471.3	1431.3	-0.6	0.1	-2.3	-1.8	-0.6	7930871	-2.2	
24	471	1431.1	-0.2	0.9	-2.5	-1.3	-0.7	7451068	-2.3	
24	470.7	1431.3	0.4	1.9	-2.4	-1	-0.5	6955980	-2.4	
24	470.4	1431.7	0.9	2.1	-2.1	-0.6	0.1	6522586	-2.7	
24	470.1	1432.3	-0.1	0.4	-1.7	-1.3	0.8	6176254	-2.6	
24	469.8	1432.8	-0.3	0.7	-1.4	-2	1.6	5914548	-2.7	
24	469.5	1433.2	-0.4	0.8	-1.1	-2.4	2	5799862	-2.7	
24	469.2	1433.4	-0.9	0.2	-1	-3.1	2.2	5914548	-2.6	
24	468.9	1433.4	-0.6	-0.5	-1	-2.4	2.2	6194527	-2.7	
24	468.6	1433.4	-0.6	-0.9	-1	-2.6	2.2	6646826	-2.6	
24	468.3	1433.4	-0.9	-1.8	-1.1	-2.7	2.1	7269965	-2.6	
24	468	1433.2	-1	-2.4	-1.1	-2.8	1.7	8022031	-2.5	
24	467.7	1432.9	-1.4	-1.9	-1.2	-2.7	1.1	8909575	-2.4	
24	467.4	1432.6	-1.4	-1.8	-1.5	-2	0.7	9783879	-2.2	
24	467.1	1432.6	-1	-0.7	-1.4	-1.4	0.4	10521357	-2.2	
24	466.8	1432.8	-0.4	0.4	-1.2	-0.6	0.3	10848446	-2.4	
24	466.5	1433.1	-1.1	0.3	-0.8	-1.1	0.3	10682398	-2.4	
24	466.2	1433.4	-1	0.7	-0.5	-0.9	0.4	10066106	-2.5	
24	465.9	1433.4	-2	0.3	-0.4	-1.4	0.4	9264381	-2.4	
24	465.6	1433.6	-2.3	0.1	0	-1.3	0.4	8442541	-2	
24	465.3	1433.8	-2.2	-0.6	0.2	-0.6	0.6	7754630	-2	
24	465	1433.9	-2.9	-0.8	0.5	-0.8	0.7	7195017	-1.9	
24	464.7	1433.9	-3.2	-1.1	0.3	-0.7	0.9	6732315	-1.6	
24	464.4	1433.9	-3.4	-0.7	0.2	-0.8	0.9	6402905	-1.3	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
24	464.1	1433.8	-4.1	-1.2	0.1	-1	0.8	6194527	-0.7	
24	463.8	1433.7	-4.6	-2.5	0	0.2	0.8	6122076	0	
24	463.5	1433.4	-5	-3.7	-0.2	0.2	0.7	6158088	0.2	
24	463.2	1433.2	-5	-4.6	-0.3	0.7	0.7	6287538	0	
24	462.9	1433.1	-5.7	-5.3	-0.6	-0.5	0.7	6462192	-0.3	
24	462.6	1432.9	-6.6	-6.2	-0.6	-1.5	0.6	6646826	-0.5	
24	462.3	1432.8	-7.3	-7.1	-0.7	-2.5	0.5	6820033	-0.6	
24	462	1432.8	-7.3	-6.8	-0.6	-3.2	0.5	7026007	-1	
24	461.7	1432.7	-6.5	-5.5	-0.4	-3	0.6	7145905	-1.5	
24	461.4	1432.5	-8.6	-7.3	-0.5	-6	0.6	7219828	-2.1	
24	461.1	1432.4	-8	-6.7	-0.5	-5.8	0.6	7195017	-2.6	
24	460.8	1432.1	-9	-7.3	-0.8	-7.6	0.5	7145905	-2.8	
24	460.5	1432.1	-8.7	-7.6	-0.8	-7.4	0.4	7097458	-3.1	
24	460.2	1432	-8.2	-6.8	-0.6	-6.6	0.2	7145905	-3.5	
24	459.9	1432	-7.6	-6.2	-0.6	-5.5	0.1	7320804	-3.8	
24	459.6	1431.8	-6.8	-6.1	-0.9	-5	-0.2	7641424	-4.1	
24	459.3	1431.3	-5.9	-5.5	-0.7	-5.6	-0.9	8083977	-4.5	
24	459	1431.1	-4.9	-4.5	-0.6	-3.4	-1.2	8651860	-4.7	
24	458.7	1431.2	-4.6	-4	-0.3	-2.5	-1.2	9305556	-4.3	
24	458.4	1431.5	-3.5	-3.3	0	0	-1.1	10163835	-3.9	
24	458.1	1431.8	-3	-3.4	0.2	-0.1	-0.9	11379076	-3.6	
24	457.8	1431.9	-3.5	-4.4	0.7	-0.4	-0.9	12924383	-3	
24	457.5	1432.3	-4.4	-4.3	1.1	-0.8	-0.7	14641608	-2.4	
24	457.2	1432.9	-4.4	-4.1	1.8	-1.2	-0.6	16750000	-2.2	
24	456.9	1433.1	-3	-2.6	2.1	0.1	-0.5	19386574	-1.9	
24	456.6	1433.3	-3.7	-2.8	1.9	-0.7	-0.2		-1.5	
24	456.3	1433.1	-4.7	-4.1	1.2	-2	-0.1		-1.1	
24	456	1433.1	-5.8	-5.2	0.7	-3.3	0.1		-0.6	
24	455.7	1432.8	-4.3	-3.4	-0.2	-2	0.3		-0.5	
24	455.4	1432.2	-4	-3	-1.1	-1.1	0.4		-0.4	
24	455.1	1431.7	-4.4	-3	-1.9	-1	0.5		-0.2	
24	454.8	1431.6	-4	-2.6	-2.9	-0.1	0.9		-0.1	
24	454.5	1431.7	-4.1	-3.1	-2.8	-0.9	1		0.1	
24	454.2	1432.2	-4.1	-3.7	-2.7	-1.2	1.2		0.1	
24	453.9	1432.7	-3	-1.9	-2	-0.1	1.2		-0.4	
24	453.6	1433.1	-2.7	-1.7	-1.5	0.3	1.2		-0.8	
24	453.3	1433.6	-2.7	-0.7	-0.7	-0.7	1.2		-1.1	
24	453	1434	-3	-0.7	0.2	-1.4	1		-1.2	
24	452.7	1434	-2.8	-0.6	0.8	-1.5	0.7		-1.2	
24	452.4	1434.2	-3.5	-0.6	1.6	-2.1	0.3		-1.3	
24	452.1	1434	-3.2	0	1.7	-1.6	-0.2		-1.4	
24	451.8	1434.1	-2	1.4	1.6	-0.4	-0.3		-1.5	
24	451.5	1433.9	-1.8	2.3	1.3	-0.7	-0.5		-1.5	
24	451.2	1433.7	-1.9	2.7	0.8	-1.7	-0.5		-1.5	
24	450.9	1433.5	-1.9	3.1	0.4	-1.6	-0.5		-1.6	
24	450.6	1433.4	-1.6	3.4	0	-1	-0.3		-1.9	
24	450.3	1433.3	-0.7	5	-0.1	-1	-0.1		-2.3	
24	450	1433.1	-1.4	5.2	-0.6	-1.4	0.1		-2.6	
24	449.7	1433.3	-1.9	5.4	-0.5	-2.2	0.4		-2.9	
24	449.4	1433.4	-2	5.3	-0.6	-3.2	0.5		-3	
24	449.1	1433.5	-2.3	4.2	-0.5	-3.9	0.5		-3	
24	448.8	1433.7	-0.7	7.9	-0.3	-2.9	0.5		-3.1	
24	448.5	1433.7	-1	7	0	-2.9	0.3		-3	
24	448.2	1433.5	-2	7	0.2	-3.5	-0.1		-2.4	
24	447.9	1433.1	-1.2	7.5	0.2	-2.4	-0.5		-2	
24	447.6	1432.9	-1.6	6.6	0.6	-2	-0.8		-1.7	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
24	447.3	1432.8	-2.1	5.5	0.4	-1.9	-1.1		-1.6	
24	447	1432.9	-1.7	5.1	0.6	-1.3	-1.3		-1.5	
24	446.7	1433.1	-1	4.9	0.5	-0.3	-1.3	19386574	-1.6	
24	446.4	1433.3	0	4.9	0.5	-0.5	-1.3	17895299	-1.8	
24	446.1	1433.3	-0.3	4.3	0.4	-0.8	-1.2	15982825	-1.7	
24	445.8	1433.4	-0.2	3.3	0.3	0	-0.8	14243197	-1.8	
24	445.5	1433.4	-0.8	2.2	0.5	-1.1	-0.6	12612952	-1.7	
24	445.2	1433.2	-1.1	2.4	0.3	-0.9	-0.5	11136968	-1.6	
24	444.9	1433.6	-1.7	2.7	0.4	-1.2	-0.2	9876179	-1.3	
24	444.6	1433.8	-1.8	2.6	0.4	-1.2	-0.1	8986052	-1	
24	444.3	1434.3	-2.3	0.7	0.6	-1.4	0.1	8308532	-0.3	
24	444	1434.6	-1.9	1.8	0.6	-1.1	0.2	7991412	0	
24	443.7	1434.6	-1.4	3.3	0.4	-1.1	0.4	7961027	-0.4	
24	443.4	1434.3	-2	3.8	0.1	-1.8	0.4	8210785	-0.5	curva pque eje cenntal
24	443.1	1434	-1.7	2.6	-0.2	-1.2	0.5	8797269	-0.5	
24	442.8	1433.8	-2	2	-0.5	-1.4	0.8	9648618	-0.5	
24	442.5	1433.9	-1.6	2.8	-0.6	-0.9	1	10737180	-0.6	
24	442.2	1434.1	-1.6	2.4	-0.8	-1.1	1.3	11964286	-0.9	
24	441.9	1434.2	-1.4	2.7	-0.8	-0.9	1.4	12924383	-1.2	
24	441.6	1434.2	-1.6	2.5	-0.8	-1.5	1.4	13684641	-1.4	
24	441.3	1434.3	-1.1	1.9	-0.7	-1.5	1.4	13865894	-1.7	
24	441	1434.2	-1.1	1.6	-0.6	-1.8	1.1	13508065	-2.1	
24	440.7	1434	-1.1	1.6	-0.4	-1.9	0.7	12537425	-2.3	
24	440.4	1433.9	-1.2	1.8	-0.2	-1.9	0.4	11379076	-2.4	
24	440.1	1433.5	-0.8	2	-0.4	-1.8	0	10213415	-2.5	
24	439.8	1433.3	-1	2.5	-0.4	-2.3	-0.2	9103261	-2.5	
24	439.5	1432.9	-1	2.2	-0.6	-2.2	-0.4	8210785	-2.5	
24	439.2	1432.7	-1.1	0.9	-0.7	-2.1	-0.5	7451068	-2.4	
24	438.9	1432.7	-1.3	0.5	-0.8	-2.2	-0.5	6775890	-2.2	
24	438.6	1433.1	-0.9	1	-0.9	-1.5	-0.3	6194527	-2	
24	438.3	1433.4	-1.2	0.7	-0.9	-1.2	-0.1	5705041	-1.6	
24	438	1433.6	-1.3	0.3	-1.2	-0.8	0.1	5273930	-1.2	
24	437.7	1433.8	-1.4	-0.7	-1.3	-1	0.3	4926471	-1.1	
24	437.4	1433.7	-0.8	0.6	-1.5	-0.1	0.4	4652778	-1	
24	437.1	1433.7	-1.2	0.7	-1.5	-0.2	0.5	4426533	-0.9	
24	436.8	1433.6	-1.2	0.8	-1.6	-0.1	0.6	4229798	-0.8	
24	436.5	1433.7	-1.4	0.9	-1.2	-0.2	0.7	4073444	-1.1	
24	436.2	1434.3	-1.6	-0.9	-1	-0.6	1.3	3943032	-1.4	
24	435.9	1434.8	-2.1	-1.1	-0.7	-1.2	1.7	3848806	-1.7	
24	435.6	1435.5	-2.2	-0.2	-0.2	-1.1	2.2	3786167	-2	
24	435.3	1436	-2.2	-1	0.1	-1.7	2.6	3718917	-2.4	
24	435	1436.3	-2.4	-0.8	0.4	-2.1	2.9	3628683	-2.8	
24	434.7	1436.5	-2.8	-0.7	0.5	-2.7	3	3524832	-3.1	
24	434.4	1436.4	-2.7	-1	0.5	-3.2	2.9	3410017	-3.4	
24	434.1	1435.7	-3.2	-2.2	0.4	-3.5	2.2	3292060	-3.6	
24	433.8	1434.9	-4	-4	0.1	-4.4	1.3	3172349	-3.8	
24	433.5	1434.1	-4.1	-3.8	-0.2	-3.9	0.4	3061039	-3.8	
24	433.2	1433.4	-4.8	-4.6	-0.4	-4.3	-0.5	2944797	-3.5	
24	432.9	1432.8	-4.4	-3.6	-0.6	-3.2	-1.1	2837060	-3.1	
24	432.6	1432.4	-5.4	-4.3	-0.7	-3.3	-1.5	2747704	-2.6	
24	432.3	1432.4	-5.2	-3.5	-0.6	-2.5	-1.7	2674011	-2.6	
24	432	1432.5	-4.6	-2.8	-0.7	-1.2	-1.5	2620464	-2.6	
24	431.7	1432.6	-5.2	-2.9	-0.5	-1.3	-1.2	2581690	-2.6	
24	431.4	1432.8	-5.2	-3.3	-0.5	-0.9	-0.7	2547142	-2.4	
24	431.1	1432.9	-5.8	-4.4	-0.6	-1	-0.1	2513506	-2.1	
24	430.8	1433.1	-5.9	-3.9	-0.9	-0.2	0.7	2471960	-2.1	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
24	430.5	1432.9	-6.3	-4.6	-1.4	-0.4	1.4	2417726	-2	
24	430.2	1433	-7.1	-5.1	-1.5	-0.2	2	2363150	-1.8	
24	429.9	1433	-7.9	-6.3	-2	-0.8	2.6	2303356	-1.7	
24	429.6	1432.9	-9.3	-7.7	-2.4	-1.9	2.9	2241703	-1.5	
24	429.3	1432.9	-9.7	-8.3	-2.5	-1.9	3.1	2176456	-1.7	
24	429	1433.1	-9.4	-7.8	-2.6	-1.4	3.3	2108510	-2	
24	428.7	1433.2	-9.7	-8.6	-2.6	-1.4	3.4	2042684	-2.2	
24	428.4	1433.1	-10.7	-9.6	-2.4	-2.5	3.2	1982719	-2.3	
24	428.1	1433	-11.4	-10.3	-2.1	-2.6	2.9	1927947	-2.4	
24	427.8	1432.7	-12	-10.8	-1.9	-2.4	2.3	1876121	-2.4	
24	427.5	1432.4	-12.4	-11.6	-1.7	-2.2	1.7	1827008	-2.5	
24	427.2	1432.2	-13.1	-12.1	-1.7	-1.6	1.2	1777378	-2.4	
24	426.9	1432.1	-13.7	-12.7	-1.5	-2	0.9	1728944	-2.3	
24	426.6	1431.9	-14.7	-13.6	-1.6	-2.4	0.6	1683080	-2.1	
24	426.3	1431.9	-15.1	-13.8	-1.6	-2.3	0.4	1640871	-1.9	
24	426	1431.5	-15.1	-14.2	-1.7	-1.8	0.1	1608104	-1.9	
24	425.7	1431.4	-16.1	-14.9	-1.8	-1.9	0.1	1581383	-1.9	
24	425.4	1431.6	-16.9	-15.6	-1.8	-2.4	0.4	1562501	-1.9	
24	425.1	1431.9	-17.5	-16.1	-1.9	-2.2	0.9	1548633	-1.6	
24	424.8	1432.4	-18.5	-17.7	-1.7	-2.6	1.5	1538392	-1.7	
24	424.5	1432.5	-18.3	-17.1	-2	-1.8	1.9	1531640	-2	
24	424.2	1432.7	-19.4	-18.2	-2	-2.9	2.3	1523837	-2.1	
24	423.9	1433	-19.6	-18.2	-2	-2.9	2.6	1509554	-2.3	
24	423.6	1433.1	-19.7	-18.1	-1.8	-2.4	2.8	1484930	-2.2	
24	423.3	1433.3	-20.8	-18.7	-1.9	-3.1	3.1	1450971	-2.2	
24	423	1433.3	-20.8	-18.6	-2	-2.1	3.2	1408985	-2.2	
24	422.7	1433.3	-21.5	-19.3	-2.2	-2	3.2	1363120	-2.1	
24	422.4	1433.1	-22.1	-19.7	-2.6	-2.2	3.1	1315171	-1.6	
24	422.1	1433.1	-23.4	-20.6	-2.4	-2.5	2.9	1268172	-1.1	
24	421.8	1433	-22.5	-19.8	-2.2	-1	2.6	1224416	-1.2	
24	421.5	1432.8	-22.9	-19.7	-2.5	-0.7	2.5	1184249	-1.3	
24	421.2	1432.8	-23.9	-19.9	-2.5	-1.4	2.5	1148520	-1.4	
24	420.9	1432.7	-23.7	-19.6	-2.8	-0.9	2.5	1118458	-1.6	
24	420.6	1432.7	-24.9	-20.1	-2.9	-1.4	2.6	1093915	-1.4	
24	420.3	1432.7	-25.6	-21.2	-2.7	-1.7	2.4	1073719	-1.8	
24	420	1432.7	-24.6	-19.2	-2.6	-0.6	2.3	1057451	-2	
24	419.7	1432.7	-25.8	-20.6	-2.7	-1.6	2.3	1044266	-2.2	
24	419.4	1432.6	-26	-21.4	-2.9	-1.8	2.4	1032423	-2.2	
24	419.1	1432.6	-27.3	-22.1	-3.1	-2.4	2.6	1021343	-2	
24	418.8	1432.6	-28.1	-22.9	-3.2	-2.3	2.7	1011475	-2.1	
24	418.5	1432.6	-28.1	-22.3	-3.3	-2.1	2.8	1002275	-2.1	
24	418.2	1432.6	-29.1	-23.2	-3.3	-1.8	2.9	992771	-1.7	
24	417.9	1432.7	-30	-23.7	-3.4	-1.4	3.1	982061	-1.1	
24	417.6	1432.9	-29.9	-22.8	-3.4	-1.6	3.3	968434	-0.9	
24	417.3	1433.1	-29.4	-21.5	-3.6	0.1	3.6	952139	-0.8	
24	417	1433.2	-30.3	-21	-3.6	-0.6	3.8	934711	-0.7	
24	416.7	1433.3	-30.8	-21.1	-3.6	-0.3	3.9	916705	-0.6	
24	416.4	1433.3	-31.9	-22.5	-3.4	-0.7	3.9	897451	-0.4	
24	416.1	1433.4	-32.5	-22.8	-3.2	-0.5	3.9	878253	-0.3	
24	415.8	1433.3	-33.1	-22.4	-3.2	-0.3	3.9	857745	-0.3	
24	415.5	1433.3	-33.7	-22.3	-3	-0.2	3.8	837502	-0.4	
24	415.2	1433.3	-33.8	-21.8	-3	-0.3	3.8	818512	-0.6	
24	414.9	1433.5	-34.7	-22.3	-2.9	-1.1	3.8	801898	-0.7	
24	414.6	1433.4	-34.7	-21.6	-2.8	-1	3.6	787126	-1	
24	414.3	1433.4	-35	-21.3	-2.9	-1.1	3.6	774318	-1.4	
24	414	1433	-35.2	-20.5	-3.1	-1.2	3.5	763587	-1.8	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
24	413.7	1432.9	-36.4	-21.3	-3.5	-1.2	3.6	754779	-1.9	
24	413.4	1432.6	-37.1	-22	-3.9	-2.2	3.7	747236	-2.1	
24	413.1	1432.4	-37.8	-21.7	-4.3	-1.6	3.8	741678	-2.2	
24	412.8	1432.1	-38.3	-21.4	-4.9	-2.3	3.9	737498	-2.2	
24	412.5	1432.1	-39.2	-21.7	-5.4	-1.7	4.1	734136	-2.1	
24	412.2	1432.1	-39.1	-20.6	-5.7	-1.7	4.2	730550	-2.1	
24	411.9	1432.1	-39.7	-21.4	-6.2	-2.1	4.4	726494	-2.3	
24	411.6	1432	-39.7	-20.3	-6.5	-2	4.6	720742	-2.1	
24	411.3	1432.2	-41.8	-22.2	-6.6	-2.4	4.8	713618	-1.9	
24	411	1432.2	-41	-21.3	-6.4	-1.6	4.8	705919	-1.8	
24	410.7	1432.4	-43.1	-22.3	-6.2	-2.2	4.9	696990	-1.8	
24	410.4	1432.8	-42.6	-21.8	-5.6	-1.8	5	687154	-1.9	
24	410.1	1433.2	-44.4	-22.9	-5.2	-2.1	5	675842	-1.9	
24	409.8	1433.7	-44.3	-22.2	-4.9	-2.6	5.1	663632	-2	
24	409.5	1434.3	-44.7	-21.3	-4.4	-1.4	5.2	651449	-2.1	
24	409.2	1434.7	-44.5	-22	-4	-3.1	5.3	639902	-2.2	
24	408.9	1435.1	-46.1	-23.2	-3.7	-2	5.3	629512	-2.1	
24	408.6	1435.1	-45.3	-21.4	-3.6	-2.2	5.3	619822	-2	
24	408.3	1435	-47.6	-23.9	-3.7	-2.9	5.2	610960	-1.8	
24	408	1434.7	-47.1	-22.2	-4	-2	5.2	602868	-1.5	
24	407.7	1434.8	-49.3	-23.7	-4.1	-1.8	5.3	595664	-1.2	
24	407.4	1434.8	-48.3	-23.7	-4.3	-1.1	5.4	589459	-1.1	
24	407.1	1434.8	-51.1	-25.3	-4.6	-3.1	5.3	584033	-1	
24	406.8	1434.7	-47.5	-21.5	-5	0	5.3	579187	-1	
24	406.5	1434.7	-50.7	-23.4	-5.4	-1.7	5.5	574420	-0.8	
24	406.2	1434.6	-49.1	-21	-5.5	-0.9	5.5	569576	-1.2	
24	405.9	1434.5	-49.9	-21.8	-5.8	-0.7	5.8	564813	-1.3	
24	405.6	1434.2	-50.6	-21.5	-5.9	-1.5	6	560129	-1.4	
24	405.3	1434	-52.9	-22.9	-6.1	-1.8	6.2	555227	-0.9	
24	405	1433.7	-52.3	-22.4	-6.1	-1.7	6.2	550410	-1	
24	404.7	1433.9	-53.4	-24	-6	-1.2	6.4	545392	-1.1	
24	404.4	1434	-52.5	-22.2	-5.7	-2.3	6.3	539907	-1.4	
24	404.1	1434.1	-53.4	-22.6	-5.4	-1.5	6.1	534395	-1.5	
24	403.8	1434	-53.5	-21.6	-5.3	-2.2	5.8	528728	-1.8	
24	403.5	1433.9	-53.5	-21	-5.1	-1.5	5.6	523440	-2	
24	403.2	1433.5	-53.9	-20.8	-5.1	-2.4	5.2	518258	-2.2	
24	402.9	1433	-54.7	-21	-5.2	-1.2	4.8	513051	-2.2	
24	402.6	1432.5	-54.8	-21	-5.4	-1.7	4.5	507948	-2.3	
24	402.3	1432.3	-55.5	-20.8	-5.8	-0.9	4.5	503187	-2.4	
24	402	1432	-55.7	-21	-6.1	-1.6	4.5	498634	-2.5	
24	401.7	1432	-56.2	-21.2	-6.6	-0.8	4.9	494395	-2.5	
24	401.4	1432.3	-57.1	-21.9	-6.7	-1.9	5.4	490458	-2.3	
24	401.1	1432.4	-58.2	-21.8	-7	-2.2	5.7	486582	-2.1	
24	400.8	1432.6	-56.8	-19.7	-7.2	-0.7	6.3	482657	-2.2	
24	400.5	1432.8	-58.6	-20.8	-7.3	-1.3	6.9	478794	-2.2	
24	400.2	1433.1	-58.5	-20.2	-7.5	-1.4	7.5	475100	-2.3	
24	399.9	1433.3	-60.6	-21.4	-7.7	-2.7	8	471356	-2.3	
24	399.6	1433.2	-60.8	-21.7	-7.9	-2.4	8.2	467671	-2.2	
24	399.3	1433.3	-62.4	-22.7	-7.7	-3	8.2	463941	-1.9	
24	399	1433.3	-61.6	-21.9	-7.8	-1.7	8	460269	-1.9	
24	398.7	1433.5	-62.6	-20.8	-7.6	-1.9	7.9	456755	-1.8	
24	398.4	1433.4	-62.6	-21.6	-7.6	-2	7.7	453294	-1.7	
24	398.1	1433.4	-64.2	-21.1	-7.5	-2.5	7.5	449885	-1.2	
24	397.8	1433.6	-64	-21.4	-7.3	-1.4	7.3	446527	-1	
24	397.5	1433.6	-65	-20.6	-7	-1.6	7	443125	-0.9	
24	397.2	1433.7	-65.4	-21.1	-6.7	-1.2	6.9	439682	-1	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
24	396.9	1433.6	-66.3	-21.6	-6.8	-0.8	6.8	436111	-0.9	
24	396.6	1433.8	-66.4	-21.9	-6.6	-1	6.9	432418	-1.1	
24	396.3	1433.9	-66.8	-20.7	-6.8	-0.6	7	428875	-1.3	
24	396	1434	-67.8	-22.5	-6.5	-1.9	7	425217	-1.5	
24	395.7	1433.9	-67.3	-19.7	-6.5	-0.1	7	421706	-1.5	
24	395.4	1434	-68.7	-21.6	-6.6	-2.1	7.1	418335	-1.7	
24	395.1	1433.9	-67.9	-18.6	-6.7	-0.3	7.1	415266	-2.1	
24	394.8	1433.9	-69.5	-21.2	-6.8	-1.7	7.3	412403	-2.2	
24	394.5	1433.9	-70.4	-19.3	-6.9	-1.9	7.5	409900	-2.3	
24	394.2	1433.8	-71.4	-23.9	-7.2	-2.6	7.6	407507	-2.1	
24	393.9	1433.9	-72.5	-21.8	-7.1	-3	7.7	405063	-2.1	
24	393.6	1433.5	-72.2	-23.1	-7.6	-1.9	7.6	402416	-2.1	
24	393.3	1433.4	-73.1	-23.2	-7.7	-3.2	7.7	399803	-2	
24	393	1433.5	-72.7	-22.1	-8	-1.7	7.9	396773	-2.2	
24	392.7	1433.4	-74.3	-21.4	-8.2	-3.8	8	393344	-2	
24	392.4	1433.1	-74.5	-22.2	-8.8	-3	8	389539	-1.9	
24	392.1	1433.1	-75.3	-21.9	-8.9	-3.1	8	385593	-1.9	
24	391.8	1433	-75.5	-23	-9	-2.4	8	381449	-1.9	
24	391.5	1432.7	-76.3	-22.9	-9.3	-2.2	8	377392	-1.7	
24	391.2	1432.9	-76.9	-23.4	-9.2	-2.3	8.2	373621	-1.9	
24	390.9	1433	-76.6	-23.1	-9.1	-1.8	8.3	369990	-1.9	
24	390.6	1433.3	-77.7	-23.8	-9	-2.9	8.4	366878	-2.1	
24	390.3	1433.4	-77.1	-22.4	-8.9	-1.8	8.4	364388	-2.2	
24	390	1433.8	-77.4	-22.6	-8.5	-1.6	8.5	362621	-2.4	
24	389.7	1434	-77.8	-22.3	-8.6	-1.5	8.6	361432	-2.5	
24	389.4	1434.3	-78.6	-22.9	-8.4	-2.4	8.8	360623	-2.6	
24	389.1	1434.2	-79.1	-22.9	-8.5	-1.8	8.9	360065	-2.6	
24	388.8	1434.2	-80.9	-23.8	-8.3	-2.7	8.8	359570	-2.4	
24	388.5	1434.2	-80.3	-22.1	-8.5	-1.5	8.8	359138	-2.4	
24	388.2	1434.3	-81	-24.2	-8.5	-1.9	8.7	358646	-2.5	
24	387.9	1434.4	-80.7	-22.1	-8.5	-1.4	8.7	357910	-2.6	
24	387.6	1434.5	-81.8	-23.3	-8.7	-2	8.9	356873	-2	
24	387.3	1434.8	-82.2	-21.6	-8.6	-2	9.1	355359	-2.1	
24	387	1434.8	-82.1	-21.3	-8.7	-1.8	9.2	353559	-2.2	
24	386.7	1434.9	-83.6	-21.2	-8.5	-2.4	9.4	351364	-2.2	
24	386.4	1434.6	-84.2	-22.6	-8.8	-1.6	9.5	348905	-2	
24	386.1	1434.7	-85.8	-23.2	-8.9	-3.3	9.7	346193	-1.8	
24	385.8	1434.8	-85.5	-22.9	-9	-2.1	9.9	343242	-1.7	
24	385.5	1434.9	-86.7	-22.5	-9.1	-3.9	10	340120	-1.8	
24	385.2	1434.8	-86.2	-22.2	-9.2	-2.5	9.9	336945	-2	
24	384.9	1434.5	-86.8	-21.8	-9.7	-2.7	9.7	333723	-2.2	
24	384.6	1434.2	-86.4	-21	-9.8	-2.3	9.5	330614	-2.1	
24	384.3	1433.8	-87.8	-21.5	-10.4	-2.3	9.3	327665	-1.9	
24	384	1433.6	-88.3	-21.9	-10.5	-2.2	9.2	324970	-1.4	
24	383.7	1433.6	-88.4	-21.6	-10.6	-1.1	9.2	322517	-1.4	
24	383.4	1433.4	-89.2	-21.4	-10.7	-1.3	9	320248	-1.4	
24	383.1	1433.6	-88.5	-21.2	-10.7	-0.4	9.2	318301	-1.5	
24	382.8	1433.8	-89.6	-20.9	-10.4	-0.8	9.4	316712	-1.5	
24	382.5	1434.1	-90.5	-22.6	-10.1	-1.2	9.7	315471	-1.6	
24	382.2	1434.3	-90.2	-20.7	-9.9	-1.1	10	314429	-1.4	
24	381.9	1434.8	-91.2	-20.8	-9.5	-0.9	10.4	313581	-1.5	
24	381.6	1435.2	-90.7	-19.3	-9.2	-0.6	10.8	312879	-2	
24	381.3	1435.2	-91.5	-19	-9.2	-1	11	312272	-1.9	
24	381	1435.4	-93.2	-21	-9	-2.8	11.2	311807	-2.3	
24	380.7	1435.2	-92.5	-19.4	-9	-1.8	11.1	311297	-2.8	
24	380.4	1434.8	-94.4	-21.7	-9.2	-3.7	10.8	310743	-2.9	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
24	380.1	1434.5	-95	-20.7	-9.1	-3.4	10.3	310052	-3.1	
24	379.8	1434.2	-94.7	-20.2	-9.3	-3	9.9	309228	-3.2	
24	379.5	1433.9	-95.9	-20.6	-9.6	-2.9	9.5	308272	-3	
24	379.2	1433.6	-95.9	-20.4	-9.7	-3.3	9.1	307232	-3	
24	378.9	1433.3	-96.5	-20.2	-9.8	-2.2	8.8	306109	-2.5	
24	378.6	1433	-96.2	-19.3	-10.2	-1	8.6	304772	-2.4	
24	378.3	1432.7	-98.5	-21.9	-10.3	-3	8.5	303359	-1.9	
24	378	1432.6	-97.6	-19.9	-10.5	-0.5	8.7	301829	-1.8	
24	377.7	1432.6	-98.8	-21.7	-10.7	-1.1	9	300271	-1.9	
24	377.4	1432.9	-99.6	-22.2	-11	-1.5	9.5	298856	-1.6	
24	377.1	1433.2	-100.8	-23	-11	-1.9	9.9	297582	-1.6	
24	376.8	1433.2	-100.4	-21.8	-11.6	-0.9	10.5	296402	-1.7	
24	376.5	1433.4	-102.1	-23	-11.8	-2.1	11.1	295357	-1.6	
24	376.2	1433.8	-102	-21.1	-12	-1.8	11.7	294361	-1.9	
24	375.9	1433.8	-102.4	-22.1	-12.4	-1.7	12.2	293494	-2.1	
24	375.6	1433.9	-103.5	-22.5	-12.5	-3.1	12.6	292715	-2.2	
24	375.3	1434.1	-104.2	-23.5	-12.6	-3.1	12.9	292061	-2.3	
24	375	1434.5	-104.6	-22.8	-12.3	-3.7	13.1	291371	-2.6	
24	374.7	1434.7	-105.1	-22.9	-12.1	-3.5	13.2	290562	-2.7	
24	374.4	1435	-106.4	-24.3	-11.7	-4.8	13.2	289637	-2.7	
24	374.1	1435	-106.7	-23.1	-11.3	-4.2	12.9	288599	-2.6	
24	373.8	1435.1	-107.9	-23.7	-11	-4.8	12.6	287490	-2.3	
24	373.5	1435.2	-107	-21.2	-10.4	-3.9	12.2	286389	-2.4	
24	373.2	1435	-107.5	-22	-10.2	-3.4	11.7	285219	-2.4	
24	372.9	1434.9	-108.1	-21.4	-9.8	-4	11.2	284096	-2.6	
24	372.6	1434.5	-107.4	-21.2	-9.8	-3	10.6	282983	-2.8	
24	372.3	1434.1	-107.8	-21	-10	-3.1	10.2	281992	-2.8	
24	372	1433.7	-108.3	-21.9	-10.2	-2.9	9.8	281121	-2.9	
24	371.7	1433.4	-108.1	-20.3	-10.3	-2.3	9.5	280481	-2.6	
24	371.4	1433.1	-108.8	-20.5	-10.5	-2	9.3	280068	-2.5	
24	371.1	1432.9	-108.7	-20.3	-10.8	-2.2	9.2	279806	-2.5	
24	370.8	1433	-109.5	-20.3	-10.9	-2.4	9.4	279657	-2.5	
24	370.5	1432.9	-109.2	-20.7	-11.2	-1.4	9.6	279508	-2.4	
24	370.2	1432.9	-109.9	-20.3	-11.4	-2.1	9.9	279321	-2.4	
24	369.9	1433	-110	-19.5	-11.5	-1.9	10.3	279061	-2.3	
24	369.6	1433.2	-110.2	-20	-11.5	-1.5	10.7	278838	-2.4	
24	369.3	1433.5	-110.2	-19	-11.6	-1.8	11.1	278467	-2.4	
24	369	1433.6	-110.6	-19.9	-11.6	-2.3	11.4	277912	-2.6	
24	368.7	1433.9	-110.9	-19.4	-11.5	-2.1	11.8	277177	-2.7	
24	368.4	1434.1	-111.7	-18.5	-11.5	-2.8	12	276262	-2.7	
24	368.1	1434.1	-112.3	-19.8	-11.7	-3	12.2	275246	-2.3	
24	367.8	1434.4	-112.9	-18.5	-11.4	-2.4	12.3	274272	-2	
24	367.5	1434.3	-112.9	-17.9	-11.5	-2.5	12.2	273413	-1.8	
24	367.2	1434.3	-114	-19.3	-11.5	-2.8	12.1	272558	-1.4	
24	366.9	1434.5	-113.6	-17.7	-11.5	-2.5	12	271886	-1.5	
24	366.6	1434.4	-113	-17.1	-11.6	-1.6	11.9	271498	-1.4	
24	366.3	1434.4	-114.3	-17.8	-11.9	-2.7	11.9	271393	-1.1	
24	366	1434.3	-113.6	-17.4	-12.1	-1.4	11.8	271604	-1.1	
24	365.7	1434.2	-114.1	-15.6	-12.3	-1.7	11.8	272027	-1	
24	365.4	1434.1	-115	-17.4	-12.5	-2.4	11.6	272629	-1	
24	365.1	1434.1	-114.5	-15.7	-12.6	-2.3	11.6	273306	-1	
24	364.8	1434.2	-115	-15.4	-12.7	-1.9	11.7	274129	-1	
24	364.5	1434.4	-115.1	-14.3	-12.8	-2.5	11.8	274993	-1.1	
24	364.2	1434.7	-114.9	-14.5	-12.4	-2.8	11.9	275789	-1.4	
24	363.9	1435	-114.5	-12.4	-12.2	-2.4	12	276518	-1.7	
24	363.6	1435.1	-114.8	-12.8	-12	-3.2	12	277177	-2	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
24	363.3	1435.3	-114.6	-12.2	-11.8	-3.3	12	277728	-2.2	
24	363	1435.6	-114.3	-10.8	-11.6	-2.8	12.1	278097	-2.5	
24	362.7	1435.9	-113.6	-9.4	-11.5	-3.1	12.3	278245	-2.9	
24	362.4	1436.1	-114.3	-9.7	-11.3	-3.9	12.3	278060	-3.2	
24	362.1	1436.2	-113.7	-8.6	-11	-2.9	12.3	277618	-3.5	
24	361.8	1436.1	-114.1	-7.7	-11.1	-4.6	12.1	276847	-3.7	
24	361.5	1436	-113.4	-6.7	-11	-3.6	11.9	275862	-3.9	
24	361.2	1436	-113.5	-5.6	-10.9	-3.9	11.7	274740	-4	
24	360.9	1436	-112.8	-5.8	-11	-3.2	11.6	273520	-4	
24	360.6	1436.1	-113	-5.5	-11.1	-3.8	11.5	272275	-4	
24	360.3	1436.2	-112.3	-4.2	-11	-3.4	11.3	271076	-4.1	
24	360	1436	-112.1	-4.7	-11	-2.9	11	270097	-4.1	
24	359.7	1435.5	-113.6	-5.8	-11.1	-4.6	10.5	269402	-4	
24	359.4	1435.4	-111.4	-3.1	-11.1	-1.9	10.5	269022	-3.8	
24	359.1	1435.3	-112.8	-4.7	-11.1	-3.8	10.6	268918	-3.8	
24	358.8	1435.3	-112.5	-3.7	-11.1	-3.2	10.8	269022	-3.7	
24	358.5	1435.5	-112.6	-3.9	-11	-3.5	11.1	269368	-3.7	
24	358.2	1435.8	-112.1	-2.6	-10.8	-3.1	11.3	269854	-3.6	
24	357.9	1435.8	-112.4	-3.2	-10.9	-3.1	11.4	270446	-3.5	
24	357.6	1435.8	-112.2	-2.3	-11	-3.6	11.4	271112	-3.5	
24	357.3	1436.1	-112.4	-2.4	-11.1	-2.1	11.9	271674	-3.4	
24	357	1435.9	-112.5	-2.3	-11.3	-4	11.8	272133	-3.2	
24	356.7	1435.5	-112.2	-2	-11.6	-2.8	11.6	272452	-3.2	
24	356.4	1435.2	-112.5	-1.9	-11.8	-3.2	11.4	272629	-3.2	
24	356.1	1434.7	-112.8	-1.9	-12	-2.9	11.1	272807	-3.2	
24	355.8	1434.4	-112.2	-0.5	-12.3	-2.4	11	272949	-3.2	
24	355.5	1434.4	-113.3	-1	-12.1	-3.3	10.9	273056	-3.2	
24	355.2	1434.7	-112.2	0.7	-11.8	-2.1	11	273056	-3.2	
24	354.9	1435	-113.7	-0.8	-11.6	-3.8	10.8	273020	-3.1	
24	354.6	1435.3	-112	2	-11.3	-1.7	10.8	272985	-2.9	
24	354.3	1435.8	-112.3	1.3	-10.9	-2.5	11	272949	-2.8	
24	354	1435.9	-112.6	0.4	-10.6	-2.5	10.9	272949	-2.8	
24	353.7	1435.8	-113.6	0.7	-10.5	-2.9	10.8	272985	-2.6	
24	353.4	1435.6	-113.8	-0.2	-10.4	-3.1	10.7	273020	-2.4	
24	353.1	1435.5	-114.1	0	-10.7	-3.2	10.7	273020	-2.3	
24	352.8	1435.3	-114.3	0.7	-11.3	-3.3	10.8	273092	-2.2	
24	352.5	1435.5	-113.5	1	-11.6	-2.1	11.1	273306	-2.2	
24	352.2	1435.6	-113.9	1.1	-11.9	-3.2	11.4	273627	-2.3	
24	351.9	1435.9	-113	2.1	-12.3	-2.6	11.9	274057	-2.4	
24	351.6	1436.1	-113.3	1.6	-12.4	-3.1	12.2	274452	-2.4	
24	351.3	1436.2	-113.7	0.8	-12.3	-2.8	12.4	274812	-2.2	
24	351	1436.2	-114	0.8	-12.3	-3	12.6	275101	-1.9	
24	350.7	1436.5	-113.1	1.5	-12.1	-1.7	12.9	275354	-1.8	
24	350.4	1436.9	-114.2	0.1	-11.7	-2.8	13	275572	-1.8	
24	350.1	1436.9	-113.6	0	-11.5	-2.9	12.7	275717	-1.8	
24	349.8	1436.9	-114	0.3	-11.4	-3	12.3	275717	-1.7	
24	349.5	1436.8	-113.3	0.4	-11.4	-3.1	11.8	275499	-1.7	
24	349.2	1436.7	-112.6	1.5	-11.4	-2.2	11.4	275209	-1.7	
24	348.9	1436.5	-112.5	0.9	-11.4	-2.1	11.1	274884	-1.8	
24	348.6	1436.2	-112	1.5	-11.2	-1.5	10.8	274596	-1.8	
24	348.3	1435.9	-112.3	0.5	-11.3	-2.5	10.6	274380	-1.9	
24	348	1435.9	-112.1	0.9	-11.3	-1.9	10.5	274164	-2	
24	347.7	1436	-111.5	0.8	-11.1	-1.9	10.4	273949	-2.3	
24	347.4	1436.4	-111.5	0.6	-10.9	-1.6	10.6	273734	-2.5	
24	347.1	1436.8	-110.8	2.8	-10.8	-1.7	10.8	273699	-3	
24	346.8	1437.3	-110.8	0.6	-10.7	-2.5	11.1	273627	-3.5	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
24	346.5	1437.3	-110.7	2.1	-11	-2.9	11.4	273591	-3.9	
24	346.2	1437.1	-110.6	1.9	-11.2	-3.1	11.4	273484	-4.1	
24	345.9	1436.8	-110.3	2.3	-11.3	-3.2	11.4	273306	-4.3	
24	345.6	1436.6	-110.2	1.9	-11.7	-3.2	11.5	273092	-4.5	
24	345.3	1436.4	-110.3	2.1	-11.8	-3.6	11.6	272914	-4.6	
24	345	1436.5	-110.8	1.4	-11.9	-3.9	11.7	272736	-4.6	
24	344.7	1436.8	-110.9	1.5	-11.8	-4.3	11.8	272488	-4.5	
24	344.4	1437.1	-110.9	1.6	-11.7	-4.3	11.9	272275	-4.5	
24	344.1	1437.3	-111	1.2	-11.5	-4.3	11.9	272133	-4.3	
24	343.8	1437.5	-111.2	1.3	-11.1	-4.4	11.9	272063	-4.1	
24	343.5	1437.5	-110.5	2.3	-10.9	-3.7	11.9	272027	-3.9	
24	343.2	1437.6	-110.9	1.3	-10.9	-4	12	272063	-3.8	
24	342.9	1437.3	-111	2.3	-10.9	-4.1	11.9	272133	-3.7	
24	342.6	1437	-111.4	0.8	-11	-4	11.7	272240	-3.5	
24	342.3	1436.7	-111.4	2.3	-11.2	-3.7	11.4	272381	-3.3	
24	342	1436.5	-111.4	0.6	-11.4	-3.4	11.1	272629	-3.2	
24	341.7	1436.4	-111.3	1	-11.6	-3	11	272985	-3.1	
24	341.4	1436.3	-111.2	1.4	-11.9	-2.7	10.9	273377	-3.1	
24	341.1	1436.3	-111.1	2.5	-12	-2.5	10.9	273770	-3	
24	340.8	1436.3	-111.3	2.5	-12.1	-2.6	10.9	274129	-2.8	
24	340.5	1436.2	-111	3.1	-12	-2.1	10.9	274560	-2.8	
24	340.2	1436.1	-110.9	3.4	-11.9	-1.5	10.9	274956	-2.7	
24	339.9	1436.2	-111.1	2.4	-11.6	-1.7	11	275354	-2.7	
24	339.6	1436.5	-111.5	2.4	-11.1	-2.1	11.1	275680	-2.8	
24	339.3	1436.7	-111.8	1.2	-11	-2.2	11.3	275935	-2.7	
24	339	1437	-111.9	1.4	-10.5	-2.4	11.5	276153	-2.7	
24	338.7	1437.2	-112.7	1	-10.3	-3.5	11.6	276299	-2.7	
24	338.4	1437.3	-112.1	1.9	-10.2	-2.1	11.7	276335	-2.6	
24	338.1	1437.3	-112.5	0.6	-10.2	-2.8	11.9	276299	-2.6	
24	337.8	1437.1	-112.9	1.3	-10.4	-2.9	12	276226	-2.5	
24	337.5	1436.9	-112.7	0.9	-10.7	-3.2	12	276080	-2.6	
24	337.2	1436.6	-113	1	-11.2	-3.2	12	275862	-2.7	
24	336.9	1436.4	-113.4	-0.1	-11.5	-3.4	12	275535	-2.8	
24	336.6	1435.8	-113.3	-0.7	-11.9	-3.8	11.7	275173	-2.9	
24	336.3	1435.5	-112.7	-0.2	-12.1	-2.4	11.7	274776	-3	
24	336	1435.2	-113.8	-1.8	-12.3	-3.9	11.6	274308	-2.9	
24	335.7	1435.1	-113.5	-1.2	-12.4	-3	11.6	273806	-2.7	
24	335.4	1434.9	-114.1	-2	-12.2	-3.8	11.4	273306	-2.4	
24	335.1	1435.1	-113.1	-1.6	-12.2	-2.3	11.5	272843	-2.3	
24	334.8	1435.1	-113.4	-1.9	-12.2	-2.9	11.5	272452	-2.2	
24	334.5	1435.1	-113.9	-3.1	-12.2	-2.5	11.4	272169	-1.9	
24	334.2	1434.9	-112.9	-2.1	-12.3	-2	11.4	272027	-1.6	
24	333.9	1434.5	-113.9	-3.2	-12.4	-2.9	11.1	272027	-1.4	
24	333.6	1434.4	-113.5	-2.9	-12.4	-2.2	10.9	272204	-1.4	
24	333.3	1434.5	-113.8	-3.5	-12.2	-2.5	10.6	272488	-1.4	
24	333	1434.3	-112.5	-2.3	-12.3	-1.4	10.5	272949	-1.6	
24	332.7	1434.6	-113.4	-3.1	-12.2	-2.7	10.5	273484	-1.6	
24	332.4	1435.1	-112.3	-1.5	-11.8	-1.5	10.7	274057	-1.8	
24	332.1	1435.4	-113.1	-2.2	-11.4	-2.4	10.7	274596	-1.9	
24	331.8	1435.8	-111.7	-0.8	-11	-1.3	10.9	274993	-2.1	
24	331.5	1436.1	-112.1	-1.1	-10.6	-2.1	11.1	275282	-2.6	
24	331.2	1436.5	-111.6	-0.4	-10.2	-2	11.3	275390	-3.1	
24	330.9	1437.1	-111.9	-1.4	-9.9	-3	11.6	275354	-3.8	
24	330.6	1437.3	-111.3	-0.4	-9.6	-3.1	11.7	275173	-4.5	
24	330.3	1437.6	-111.6	-0.6	-9.6	-3.5	11.9	274848	-5.1	
24	330	1437.3	-111.9	-0.5	-9.8	-4.5	11.6	274380	-5.5	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
24	329.7	1437.1	-111.4	0	-9.9	-3.4	11.4	273878	-5.6	
24	329.4	1436.8	-112.1	-0.7	-10.2	-5.2	11.1	273377	-5.7	
24	329.1	1436.6	-111.3	0	-10.2	-3.5	10.8	272985	-5.5	
24	328.8	1436.4	-111.8	-0.6	-10.5	-4.5	10.7	272700	-5.2	
24	328.5	1436.3	-111.7	-0.6	-11	-3.6	10.7	272594	-4.8	
24	328.2	1436.1	-112.9	-1.6	-11.4	-4.8	10.7	272594	-4.1	
24	327.9	1436	-113	-2	-11.7	-4.1	10.7	272736	-3.5	
24	327.6	1435.8	-113.5	-2.6	-12	-3.8	10.8	272985	-2.8	
24	327.3	1435.8	-114.1	-3	-12.3	-3.8	11.2	273306	-2.3	
24	327	1435.9	-113.6	-2.1	-12.6	-2.6	11.7	273663	-2.1	
24	326.7	1435.9	-114.4	-2.6	-12.8	-3.2	12.1	274021	-1.9	
24	326.4	1435.9	-113.5	-1.6	-13.1	-2.5	12.5	274236	-1.9	
24	326.1	1436	-113.9	-1.2	-13	-2.8	12.7	274416	-2	
24	325.8	1436.2	-113	-0.9	-12.7	-1.9	12.8	274524	-2.1	
24	325.5	1436.5	-113.2	-0.7	-12.3	-2.1	12.9	274596	-2.2	
24	325.2	1436.7	-113.2	-0.3	-11.8	-2.4	12.9	274596	-2.5	
24	324.9	1436.7	-113.8	-1.1	-11.5	-2.6	12.8	274596	-2.7	
24	324.6	1436.8	-114.1	-1.1	-11.1	-3.6	12.6	274560	-2.9	
24	324.3	1436.7	-114.8	-1.4	-10.8	-3.7	12.3	274488	-3	
24	324	1436.6	-113.9	-0.6	-10.5	-3.2	11.9	274416	-3.1	
24	323.7	1436.3	-114.4	-1.7	-10.4	-3.7	11.4	274236	-3.1	
24	323.4	1436.1	-113.5	0.3	-10.5	-3.3	11.1	274021	-3.2	
24	323.1	1435.8	-113.6	-0.1	-10.7	-3.7	10.7	273734	-3.2	
24	322.8	1435.5	-113.2	0.9	-10.9	-3.1	10.4	273413	-3.1	
24	322.5	1435.1	-113.8	-0.7	-11.3	-3.6	10.1	273127	-3	
24	322.2	1434.7	-113.3	0.1	-11.6	-2.9	9.9	272949	-2.9	
24	321.9	1434.4	-113.8	0.1	-12.1	-2.9	10	272771	-2.7	
24	321.6	1434.4	-114.1	-1.2	-12.3	-3	10.2	272807	-2.5	
24	321.3	1434.5	-113.7	0.2	-12.6	-2.4	10.6	272914	-2.4	
24	321	1434.7	-113.8	-0.3	-12.5	-2.8	11	273092	-2.3	
24	320.7	1435	-113.1	0.7	-12.5	-2.3	11.4	273270	-2.2	
24	320.4	1435.3	-113.1	-0.6	-12.5	-2.5	11.8	273377	-2.1	
24	320.1	1435.8	-112.5	0.9	-12.2	-1.8	12.2	273484	-2.2	
24	319.8	1436.1	-112.5	-0.2	-11.9	-2.5	12.4	273377	-2.3	
24	319.5	1436.3	-112.5	0.6	-11.7	-2	12.5	273234	-2.4	
24	319.2	1436.4	-113.3	-1.6	-11.5	-2.9	12.4	272878	-2.4	
24	318.9	1436.6	-113.1	-1	-11.3	-3	12.3	272310	-2.5	
24	318.6	1436.4	-113.1	-1.5	-11.1	-2.8	11.9	271815	-2.6	
24	318.3	1436.4	-112.4	-0.5	-10.9	-2.3	11.7	271393	-2.6	
24	318	1436.5	-112.3	-1	-10.8	-2.4	11.5	271041	-2.6	
24	317.7	1436.5	-112.1	-0.5	-10.8	-3	11.3	270796	-2.7	
24	317.4	1436.6	-111.4	0.5	-10.5	-2.4	11.1	270586	-2.7	
24	317.1	1436.6	-111.9	-0.5	-10.5	-3	11	270516	-2.7	
24	316.8	1436.6	-111.6	0.5	-10.4	-2.4	11	270621	-2.8	
24	316.5	1436.6	-111.6	-0.3	-10.6	-2.5	11.1	270901	-2.8	
24	316.2	1436.5	-111.9	-0.1	-10.7	-3	11.2	271287	-3	
24	315.9	1436.3	-112.2	-0.5	-11	-3.6	11.3	271780	-3	
24	315.6	1436.3	-111.8	1.1	-11.1	-3.2	11.4	272310	-3.1	
24	315.3	1436.1	-111.1	1.9	-11.4	-3.3	11.4	272914	-3.3	
24	315	1435.9	-111	2.5	-11.8	-3.8	11.5	273484	-3.4	
24	314.7	1435.8	-110.7	3.4	-12.1	-3.5	11.6	273985	-3.4	
24	314.4	1435.6	-110.7	2.9	-12.3	-3.8	11.6	274416	-3.4	
24	314.1	1435.5	-110.7	3.7	-12.4	-3.1	11.6	274704	-3.4	
24	313.8	1435.5	-110.8	2.7	-12.4	-4.6	11.6	274812	-3.4	
24	313.5	1435.5	-110.8	3.1	-12.1	-3.3	11.5	274704	-3.3	
24	313.2	1435.6	-111	2	-11.9	-3.6	11.4	274488	-3.1	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
24	312.9	1435.8	-110.2	3	-11.6	-2.9	11.4	274093	-3.1	
24	312.6	1435.8	-109.8	3.4	-11.5	-2.6	11.3	273663	-3	
24	312.3	1435.9	-109.3	4.5	-11.2	-2	11.2	273163	-3	
24	312	1436	-109	5.1	-10.9	-2	11.2	272629	-3	
24	311.7	1436.1	-110.5	4.3	-10.6	-3.5	10.8	272204	-3.1	
24	311.4	1436.1	-107.3	6.6	-10.6	-0.7	10.8	271886	-3.2	
24	311.1	1435.9	-109.4	5	-10.6	-2.8	10.8	271710	-3.2	
24	310.8	1435.9	-109.3	4.2	-11	-2.6	11.1	271710	-3.3	
24	310.5	1435.9	-109.6	4	-11.4	-3.1	11.4	271886	-3.3	
24	310.2	1436	-109.4	3.8	-11.4	-2.9	11.6	272169	-3.4	
24	309.9	1436.1	-109.8	4	-11.8	-3.6	11.9	272558	-3.5	
24	309.6	1435.8	-109.2	4.1	-12.2	-3.4	11.8	273020	-3.5	
24	309.3	1436.3	-109.4	4.4	-12.2	-2.8	12.1	273520	-3.6	
24	309	1436.2	-108.8	5.3	-12.8	-3.1	12.4	273949	-3.7	
24	308.7	1436	-108.8	4.9	-12.8	-4.3	12.1	274272	-3.7	
24	308.4	1436.1	-109	4.8	-12.5	-3.5	11.9	274380	-3.7	
24	308.1	1435.9	-109.5	3.6	-12.4	-3.8	11.7	274308	-3.6	
24	307.8	1435.8	-109.9	3.2	-12.1	-3.8	11.4	274021	-3.4	
24	307.5	1436.1	-110.1	2.4	-11.7	-3.5	11.4	273591	-3.2	
24	307.2	1436.4	-109.7	2.8	-11.1	-2.6	11.4	273020	-3	
24	306.9	1436.7	-109.8	2.7	-11	-2.2	11.4	272346	-2.8	
24	306.6	1437.2	-111.6	1.7	-10.3	-4.3	11.3	271674	-2.7	
24	306.3	1437.5	-107	6.1	-10	0.4	11.4	271076	-2.6	
24	306	1437.5	-109.1	4	-9.9	-1.9	11.3	270586	-2.6	
24	305.7	1437.3	-108.9	3.5	-9.9	-1.3	11.3	270272	-2.6	
24	305.4	1436.9	-109.7	2.6	-10.1	-1.7	11.2	270132	-2.6	
24	305.1	1436.7	-109.8	2.3	-10.4	-1.6	11.3	270132	-2.5	
24	304.8	1436.5	-110.9	0.5	-10.8	-3.5	11.4	270376	-2.5	
24	304.5	1436.3	-111.4	0.5	-11.2	-3.2	11.4	270796	-2.4	
24	304.2	1436.2	-111.2	0.4	-11.7	-2.4	11.5	271393	-2.4	
24	303.9	1436.2	-111.2	0.4	-11.9	-4.5	11.6	272133	-2.4	
24	303.6	1436.1	-110.6	1.3	-12.2	-3.3	11.7	272914	-2.5	
24	303.3	1435.9	-110.8	1.4	-12.3	-3.4	11.7	273663	-2.5	
24	303	1435.8	-111.2	0.6	-12.3	-3.6	11.8	274344	-2.5	
24	302.7	1435.6	-111.2	-0.1	-12.2	-3.7	11.6	274956	-2.5	
24	302.4	1435.4	-110.2	0.8	-12.2	-2.5	11.5	275427	-2.6	
24	302.1	1435.5	-111.4	-0.7	-11.9	-3.5	11.4	275680	-2.7	
24	301.8	1435.6	-110.9	-0.2	-11.5	-3	11.2	275717	-2.8	
24	301.5	1435.6	-111.2	-0.5	-11.4	-3.4	11.1	275390	-2.9	
24	301.2	1435.8	-110.5	0.3	-11.3	-3.1	11.1	274920	-3.1	
24	300.9	1435.7	-110.9	-0.1	-11.2	-3.7	11	274344	-3.2	
24	300.6	1435.6	-110.6	0.4	-11.4	-3.4	10.9	273842	-3.2	
24	300.3	1435.7	-110.2	0	-11.4	-3.1	11	273413	-3.3	
24	300	1435.7	-109.7	0.1	-11.4	-3.3	11.1	273056	-3.4	
24	299.7	1435.6	-109.9	-0.6	-11.6	-2.8	11.1	272843	-3.4	
24	299.4	1435.5	-110.2	-1.2	-11.7	-3.4	11.1	272665	-3.4	
24	299.1	1435.6	-110.3	0.2	-11.7	-3	11.2	272700	-3.3	
24	298.8	1435.8	-110.4	-3.1	-11.9	-3.3	11.4	272914	-3.2	
24	298.5	1436	-110.1	-0.7	-11.8	-2.5	11.6	273092	-3.2	
24	298.2	1436.3	-109.6	-0.3	-11.7	-2.2	11.9	273234	-3.2	
24	297.9	1436.6	-109.6	0	-11.8	-2.5	12.3	273341	-3.2	
24	297.6	1436.6	-109.4	0	-12	-2.6	12.5	273377	-3.2	
24	297.3	1436.6	-109.6	0.2	-12.1	-2.8	12.7	273448	-3.2	
24	297	1436.7	-109.4	-0.2	-12.1	-2.5	12.9	273555	-3.2	
24	296.7	1436.6	-110	-0.6	-12.1	-3.1	12.9	273699	-3.2	
24	296.4	1436.7	-110.1	-1.3	-11.9	-3.4	12.8	273770	-3.2	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
24	296.1	1436.7	-110.6	-1.8	-11.9	-4.1	12.6	273842	-3.3	
24	295.8	1436.6	-110.6	-1.6	-11.9	-4.4	12.2	273842	-3.3	
24	295.5	1436.5	-110.4	-0.9	-11.6	-4.3	11.8	273806	-3.3	
24	295.2	1436.5	-110.3	-0.4	-11.2	-4.2	11.4	273699	-3.3	
24	294.9	1436.3	-110.1	0	-10.8	-3.9	10.8	273591	-3.4	
24	294.6	1436.2	-110	-0.3	-10.6	-4	10.4	273448	-3.5	
24	294.3	1436.1	-109.8	0	-10.2	-3.6	9.9	273270	-3.5	
24	294	1435.8	-109.4	2.2	-10.3	-3.1	9.5	273163	-3.4	
24	293.7	1436	-109.4	-2.4	-10	-2.5	9.4	273163	-3.3	
24	293.4	1436.2	-109.4	-0.3	-9.8	-2.4	9.4	273270	-3.2	
24	293.1	1436.1	-109.3	-0.4	-9.9	-2.2	9.5	273520	-3	
24	292.8	1436	-109.4	0.3	-10.2	-2.3	9.7	273878	-2.9	
24	292.5	1435.9	-109.6	0.2	-10.5	-2.3	10	274272	-2.7	
24	292.2	1436.1	-109.5	1.4	-10.7	-2	10.5	274704	-2.6	
24	291.9	1436.2	-109.3	2.1	-11	-1.9	11.1	275137	-2.6	
24	291.6	1436.5	-109.3	1.9	-11.1	-2	11.7	275535	-2.5	
24	291.3	1436.5	-109.8	1.4	-11.6	-2.8	12.1	275862	-2.5	
24	291	1436.6	-109.8	0.8	-11.9	-3	12.4	276080	-2.5	
24	290.7	1436.5	-109.7	1.1	-12	-2.9	12.5	276153	-2.6	
24	290.4	1436.5	-109.7	1.5	-12.1	-2.9	12.6	276044	-2.6	
24	290.1	1436.5	-109.9	1.3	-12.1	-3.1	12.6	275826	-2.7	
24	289.8	1436.3	-110.2	0	-12.2	-3.6	12.5	275499	-2.9	
24	289.5	1436.2	-110.3	1.1	-12	-3.7	12.3	274993	-3	
24	289.2	1435.9	-110.2	0.7	-12	-3.9	12	274416	-3.1	
24	288.9	1436	-109.5	1.7	-11.7	-3.1	11.8	273842	-3.3	
24	288.6	1435.9	-109.3	1.2	-11.6	-3.1	11.6	273306	-3.5	
24	288.3	1436	-109.5	1.4	-11.4	-3.4	11.5	272878	-3.6	
24	288	1436.1	-109.4	1.2	-11.2	-3.2	11.4	272665	-3.7	
24	287.7	1436	-109.5	0.7	-11.3	-3.2	11.3	272665	-3.8	
24	287.4	1435.8	-109.5	0.2	-11.2	-2.9	11.2	272843	-3.8	
24	287.1	1435.6	-109.8	0.1	-11.1	-3	11.1	273234	-3.8	
24	286.8	1435.4	-109.4	0.8	-11.2	-2.5	11	273806	-3.9	
24	286.5	1435.3	-109.5	0.8	-11.6	-3.1	11.1	274452	-3.9	
24	286.2	1435.2	-109.6	0.8	-11.7	-3.2	11.2	275137	-4	
24	285.9	1435.2	-109.6	0.5	-12	-3.1	11.3	275789	-4	
24	285.6	1435.3	-110.1	-0.5	-12	-3.6	11.4	276299	-4	
24	285.3	1435.4	-110.3	-0.7	-12	-3.9	11.5	276664	-3.9	
24	285	1435.3	-110.7	-1.3	-12	-3.8	11.6	276847	-3.7	
24	284.7	1435.1	-111	-1.4	-12.4	-3.6	11.8	276737	-3.4	
24	284.4	1435.3	-111.4	-2	-12.3	-3.9	11.9	276445	-3.1	
24	284.1	1435.5	-111.2	-1.2	-12	-4	11.8	275935	-3	
24	283.8	1435.5	-111.6	-1.5	-11.8	-3.7	11.6	275246	-2.8	
24	283.5	1435.7	-111.6	-1	-11.6	-3.7	11.4	274488	-2.7	
24	283.2	1435.6	-111.7	-1.1	-11.4	-3.4	11	273734	-2.7	
24	282.9	1435.7	-111	-0.6	-11.2	-2.5	10.8	273020	-2.6	
24	282.6	1435.6	-111.6	-1.3	-11.1	-2.7	10.5	272381	-2.5	
24	282.3	1435.8	-111.7	-1.6	-10.7	-2.5	10.3	271886	-2.4	
24	282	1435.9	-111.8	-1.8	-10.7	-2.2	10.2	271569	-2.5	
24	281.7	1436	-111	-1.2	-10.7	-1.2	10.1	271463	-2.6	
24	281.4	1436.3	-111.7	-2.3	-10.4	-1.9	10.2	271604	-2.8	
24	281.1	1436.7	-111.5	-2.1	-10.4	-1.6	10.5	271921	-3	
24	280.8	1436.7	-111.8	-2.4	-10.5	-1.9	10.8	272346	-3.1	
24	280.5	1436.9	-111.9	-2.6	-10.7	-2.1	11.2	272807	-3.1	
24	280.2	1437.1	-112.1	-2.7	-10.9	-2.4	11.6	273306	-3.2	
24	279.9	1437.4	-112.3	-2.7	-11.2	-2.2	12	273770	-3.1	
24	279.6	1437.6	-112.8	-3.3	-11.5	-2.7	12.5	274164	-3.1	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
24	279.3	1437.7	-113.6	-4.3	-11.7	-3.9	12.7	274524	-2.9	
24	279	1437.5	-113.7	-4.4	-12.1	-3.3	12.8	274776	-2.7	
24	278.7	1437.4	-114.3	-4.5	-12.6	-3.5	12.9	274993	-2.7	
24	278.4	1437.3	-114.2	-4.4	-12.7	-3.4	12.8	275137	-2.8	
24	278.1	1437.2	-114.9	-5.2	-12.5	-3.8	12.5	275246	-2.9	
24	277.8	1437.3	-114.1	-4.4	-12.3	-3.2	12.3	275318	-3.1	
24	277.5	1437.4	-114.6	-4.7	-12.2	-3.6	12	275354	-3.1	
24	277.2	1437.3	-114.5	-4.3	-12.1	-3.3	11.6	275390	-3.2	
24	276.9	1437.5	-114.2	-3.9	-11.6	-2.7	11.3	275318	-3.4	
24	276.6	1437.4	-114.4	-4.2	-11.4	-2.8	11.1	275173	-3.4	
24	276.3	1437.5	-115.5	-6	-11	-3.6	10.9	274956	-3.4	
24	276	1437.6	-115.4	-6.1	-10.6	-3.2	10.8	274668	-3.2	
24	275.7	1437.6	-116	-6.5	-10.5	-3.1	10.8	274308	-3.1	
24	275.4	1437.6	-115.9	-6.5	-10.5	-3.2	10.8	273913	-3	
24	275.1	1437.7	-116	-6.5	-10.5	-2.9	10.9	273520	-2.9	
24	274.8	1437.9	-116.1	-6.6	-10.4	-3	11.1	273163	-2.8	
24	274.5	1438	-116.3	-6.5	-10.4	-3.5	11.2	272914	-2.6	
24	274.2	1437.9	-116.4	-7	-10.3	-3.3	11.3	272807	-2.5	
24	273.9	1437.7	-116.3	-6.8	-10.6	-2.5	11.4	272843	-2.5	
24	273.6	1437.6	-116.6	-7	-10.8	-2.8	11.5	273056	-2.5	
24	273.3	1437.4	-117.1	-7.5	-11	-3.1	11.5	273413	-2.5	
24	273	1437.3	-117.2	-7.1	-11.2	-3	11.5	273806	-2.5	
24	272.7	1437.2	-117.3	-7	-11.5	-3.1	11.5	274272	-2.4	
24	272.4	1437	-117.4	-6.7	-11.8	-3.1	11.4	274668	-2.5	
24	272.1	1436.8	-116.5	-5.5	-12.2	-2.1	11.4	274956	-2.6	
24	271.8	1436.5	-116.8	-5.4	-12.6	-2.3	11.4	275173	-2.6	
24	271.5	1436.4	-117.1	-5.9	-12.7	-2.8	11.3	275246	-2.6	
24	271.2	1436.2	-117.2	-5.6	-12.7	-2.8	11.2	275137	-2.6	
24	270.9	1436.3	-117.1	-5.5	-12.6	-2.4	11.2	274884	-2.7	
24	270.6	1436.5	-117.5	-5.8	-12.4	-2.7	11.2	274596	-2.6	
24	270.3	1436.7	-117.3	-6.3	-12.1	-2.2	11.2	274308	-2.6	
24	270	1436.9	-117.5	-5.9	-11.9	-2.6	11.3	274057	-2.7	
24	269.7	1437.2	-117.8	-6.1	-11.4	-3.1	11.4	273949	-2.6	
24	269.4	1437.5	-117.8	-6	-10.8	-3.3	11.3	274093	-2.6	
24	269.1	1437.9	-117.5	-6.5	-10.2	-3	11.3	274380	-2.7	
24	268.8	1437.9	-117.4	-5.7	-10	-3	11.2	274848	-2.8	
24	268.5	1438	-117.7	-6.2	-9.9	-3.7	11.2	275572	-2.8	
24	268.2	1438	-117.6	-5.8	-9.9	-3.3	11.2	276408	-2.8	
24	267.9	1438	-118	-6.1	-9.9	-3.8	11.2	277287	-2.7	
24	267.6	1438	-117.8	-5.7	-9.9	-3.6	11.2	278282	-2.7	
24	267.3	1437.7	-118	-5.7	-10.1	-3.7	11.1	279209	-2.5	
24	267	1437.6	-117.5	-4.7	-10.4	-3.3	11.3	279806	-2.4	
24	266.7	1437.3	-117.3	-3.7	-10.8	-3.3	11.4	280143	-2.3	
24	266.4	1437.1	-117.2	-3.5	-11.2	-3.4	11.7	280143	-2.3	
24	266.1	1437	-116.6	-2.3	-11.6	-2.4	12	279844	-2.3	
24	265.8	1436.8	-116.7	-2.5	-12.1	-3	12.3	279284	-2.4	
24	265.5	1436.7	-116.5	-1.6	-12.5	-2.7	12.5	278615	-2.6	
24	265.2	1436.4	-116.3	-2.2	-12.8	-2.7	12.6	277839	-2.8	
24	264.9	1436.1	-115.8	-1.2	-13	-2.5	12.6	276993	-3	
24	264.6	1435.8	-115.3	-0.8	-13.2	-2.7	12.5	276372	-3.3	
24	264.3	1435.5	-115.1	-0.9	-13	-2.8	12.2	275971	-3.5	
24	264	1435.3	-114.9	-0.5	-12.7	-3.2	11.7	275826	-3.7	
24	263.7	1435.2	-115.2	0.3	-12.3	-3.8	11	275971	-3.7	
24	263.4	1435.2	-114.6	0.8	-11.9	-3.3	10.4	276335	-3.9	
24	263.1	1435.3	-114.9	1.1	-11.3	-3.2	9.9	276810	-4	
24	262.8	1435.2	-115	0.9	-11	-3.9	9.5	277287	-4.1	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
24	262.5	1435.3	-114.7	1.3	-10.6	-3.9	9.4	277765	-4.2	
24	262.2	1435.4	-114.4	1.7	-10.4	-3.4	9.5	278134	-4.1	
24	261.9	1435.4	-114.3	2	-10.2	-3.6	9.6	278356	-4.2	
24	261.6	1435.6	-113.6	2.8	-10.3	-3.2	9.9	278504	-4.2	
24	261.3	1436.1	-113.6	2.7	-10.2	-2.8	10.5	278467	-4.2	
24	261	1436.6	-113.7	2.9	-10.2	-3.2	11.2	278245	-4.1	
24	260.7	1436.7	-114.8	2.3	-10.5	-4	11.6	277986	-3.8	
24	260.4	1436.9	-114.1	3.1	-10.5	-3.1	12	277654	-3.7	
24	260.1	1436.9	-114.2	3.1	-10.7	-3	12.3	277287	-3.6	
24	259.8	1436.8	-114.8	2.6	-10.8	-3.6	12.3	277030	-3.5	
24	259.5	1436.6	-114.8	1.7	-11	-4	12.1	276883	-3.4	
24	259.2	1436.7	-114.3	2.5	-10.9	-3.5	11.9	276701	-3.2	
24	258.9	1436.5	-114.9	2.2	-10.9	-4.1	11.5	276554	-2.9	
24	258.6	1436	-114.6	2.6	-11.1	-3.8	10.9	276408	-2.8	
24	258.3	1435.9	-114.3	2.8	-10.8	-2.7	10.5	276262	-2.7	
24	258	1435.7	-114.3	3.2	-10.7	-2.9	10.1	276117	-2.7	
24	257.7	1435.3	-114.8	2.5	-10.6	-3.6	9.6	276044	-2.7	
24	257.4	1435.2	-115	2.5	-10.6	-3.2	9.5	275971	-2.6	
24	257.1	1435.6	-114.1	3.7	-10.5	-1.9	10	275826	-2.7	
24	256.8	1435.7	-114.4	3.4	-10.8	-3.1	10.4	275789	-2.9	
24	256.5	1435.8	-113.7	3.8	-11.1	-2.1	11.1	275826	-3	
24	256.2	1435.7	-113.5	3.9	-11.4	-2.1	11.7	276008	-3.3	
24	255.9	1435.8	-113.8	3.9	-11.8	-3	12.3	276372	-3.5	
24	255.6	1435.7	-114.2	3.4	-12.1	-3.4	12.6	276920	-3.6	
24	255.3	1435.7	-113.6	4.4	-12.3	-2.5	12.9	277544	-3.7	
24	255	1435.9	-114	3.8	-12.5	-2.9	13.2	278208	-3.7	
24	254.7	1435.6	-114.9	3.1	-12.8	-4.7	12.8	278912	-3.7	
24	254.4	1435.4	-114	3.5	-12.7	-3.6	12.3	279582	-3.5	
24	254.1	1435	-114.2	3.1	-12.6	-3.8	11.7	280143	-3.3	
24	253.8	1434.8	-114.8	2.4	-12.2	-4.4	11	280519	-3	
24	253.5	1434.7	-114.3	2.3	-12	-3.3	10.5	280594	-2.8	
24	253.2	1434.6	-114.4	2.3	-11.8	-2.9	10.2	280368	-2.6	
24	252.9	1434.9	-114.8	1.7	-11.5	-3.2	10.2	279844	-2.2	
24	252.6	1435.2	-114.7	1.6	-11.3	-2.9	10.2	279098	-2.1	
24	252.3	1435.5	-113.7	2.1	-10.8	-0.8	10.4	278171	-2	
24	252	1435.9	-113.5	1.8	-10.5	-1.4	10.8	277213	-1.9	
24	251.7	1436	-113.8	1.3	-10.3	-1.7	11	276262	-2	
24	251.4	1436.3	-113.3	1.6	-10.3	-0.8	11.4	275354	-2	
24	251.1	1436.6	-113.8	1.4	-10.2	-1.5	11.8	274632	-2.2	
24	250.8	1436.7	-114.1	0.5	-10.1	-2	11.9	274200	-2.3	
24	250.5	1436.8	-114.1	0.8	-10.4	-1.7	12.1	273913	-2.5	
24	250.2	1436.7	-113.8	1.2	-10.7	-1.7	12.2	273878	-2.7	
24	249.9	1436.3	-115	-0.3	-11	-3.6	12	274093	-2.8	
24	249.6	1435.9	-113.9	0.5	-11.5	-2.6	11.8	274416	-2.9	
24	249.3	1435.7	-113.9	0.4	-11.8	-2.4	11.8	274740	-3	
24	249	1435.5	-114.2	-0.6	-12	-3	11.7	275101	-2.8	
24	248.7	1435.3	-114.7	-1.1	-12.2	-3.4	11.6	275354	-2.6	
24	248.4	1435.2	-114.4	-0.7	-12.5	-2.9	11.6	275427	-2.4	
24	248.1	1435.2	-115	-0.2	-12.6	-3.4	11.6	275390	-2.2	
24	247.8	1435.1	-114.9	-0.8	-12.5	-3.2	11.4	275173	-2.1	
24	247.5	1435.1	-114.8	-0.6	-12.2	-2.7	11.4	274704	-2	
24	247.2	1435.3	-114.9	-0.1	-12	-3.3	11.5	274057	-1.9	
24	246.9	1435.3	-115.1	-0.3	-11.7	-3.8	11.4	273413	-1.9	
24	246.6	1435.2	-114.8	-0.5	-11.5	-3.3	11.3	272771	-1.9	
24	246.3	1435.3	-114	0.9	-11.1	-2.7	11.2	272275	-2.3	
24	246	1435.4	-113.7	0.9	-10.5	-3.1	11	271921	-2.9	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
24	245.7	1435.5	-113.4	0.9	-10.1	-3	10.8	271710	-3.6	
24	245.4	1435.6	-113.8	0.5	-10	-3.5	10.8	271639	-4	
24	245.1	1435.6	-113.3	1.5	-9.9	-3.7	10.8	271851	-4.6	
24	244.8	1435.6	-113.1	1.9	-10	-3.5	10.7	272417	-5	
24	244.5	1435.5	-112.5	1.6	-10.1	-3.1	10.7	273127	-5.3	
24	244.2	1435.3	-112.5	1.9	-10.4	-3.3	10.7	273949	-5.5	
24	243.9	1435	-112.5	1.2	-10.8	-3.9	10.7	274740	-5.4	
24	243.6	1434.7	-112.6	0.9	-11.3	-3.6	10.8	275390	-5.2	
24	243.3	1434.4	-113.1	0.7	-11.9	-3.8	11	275935	-4.7	
24	243	1434.4	-113.6	0.6	-12.3	-3.7	11.3	276299	-4.2	
24	242.7	1434.2	-113.6	0	-12.6	-3.1	11.5	276445	-3.6	
24	242.4	1434.4	-114.3	-0.3	-12.7	-3.3	11.9	276299	-3	
24	242.1	1434.6	-114.2	0.7	-12.6	-3.2	12.1	275898	-2.6	
24	241.8	1434.7	-114.7	-0.7	-12.5	-3	12.2	275354	-2.1	
24	241.5	1434.9	-113.9	0.3	-12.4	-2.1	12.4	274668	-1.8	
24	241.2	1435.1	-114.7	0.1	-12.2	-2.9	12.5	273985	-1.5	
24	240.9	1435.1	-114.6	-0.3	-12	-2.5	12.4	273341	-1.4	
24	240.6	1435.3	-114.5	-0.1	-11.7	-1.8	12.4	272736	-1.4	
24	240.3	1435.1	-114.9	-0.1	-11.5	-2.2	12.1	272240	-1.5	
24	240	1434.8	-114.9	-0.2	-11.5	-2.1	11.7	271921	-1.6	
24	239.7	1434.7	-114.7	-1	-11.5	-1.9	11.4	271710	-1.8	
24	239.4	1434.8	-115.1	-1.6	-11.4	-1.8	11.2	271604	-1.9	
24	239.1	1434.8	-114.7	-0.9	-11.3	-1.8	10.9	271674	-2.1	
24	238.8	1435	-114	-0.7	-11.1	-1	10.8	271851	-2.5	
24	238.5	1434.9	-114	-0.2	-11.2	-1.3	10.7	272133	-2.8	
24	238.2	1434.8	-114.5	-0.4	-11.5	-2.3	10.6	272488	-3	
24	237.9	1434.7	-114.7	-0.6	-11.5	-2	10.7	272914	-3.1	
24	237.6	1434.8	-114.6	-0.8	-11.6	-1.6	10.9	273341	-3.2	
24	237.3	1435	-115.1	-0.1	-11.8	-2.8	11.3	273770	-3.2	
24	237	1435.3	-115.7	-1.8	-12	-3.3	11.8	274236	-3.2	
24	236.7	1435.5	-116.1	-2.2	-12	-4.3	12.2	274632	-3.2	
24	236.4	1435.6	-116.4	-2.2	-12.3	-5	12.5	274920	-3.2	
24	236.1	1435.8	-116.3	-1.6	-12.2	-5.2	12.7	275065	-3.3	
24	235.8	1436	-116	-1.6	-12.1	-4.6	12.9	275029	-3.4	
24	235.5	1436	-116.6	-1.6	-11.9	-5.4	12.8	274812	-3.4	
24	235.2	1436.2	-117.4	-2.5	-11.4	-6.1	12.3	274524	-3.3	
24	234.9	1436.3	-116.2	-1.4	-11	-4.8	11.6	274200	-3.4	
24	234.6	1436.2	-116	-1.1	-10.5	-4.5	10.8	273770	-3.4	
24	234.3	1435.8	-115.4	-0.3	-10.5	-3.6	10	273270	-3.5	
24	234	1435.8	-115.2	-0.4	-10	-2.9	9.5	272700	-3.7	
24	233.7	1435.7	-114.8	-0.8	-9.9	-2.6	9.2	272098	-3.8	
24	233.4	1435.5	-115.1	-1.4	-10	-2.9	9	271569	-4	
24	233.1	1435.5	-114.6	-1.2	-10.2	-1.9	9.2	271147	-4.2	
24	232.8	1435.9	-114.6	-0.8	-10.4	-1.5	9.8	270901	-4.3	
24	232.5	1436.3	-114.6	-1.3	-10.9	-1.9	10.6	270726	-4.4	
24	232.2	1436.6	-114.1	-1	-11.3	-2.2	11.5	270726	-4.5	
24	231.9	1437	-114.4	-1.9	-11.5	-2.7	12.3	270866	-4.5	
24	231.6	1437.1	-115.6	-3.1	-11.9	-3.9	12.9	271112	-4.2	
24	231.3	1437.1	-115.8	-3.3	-12.2	-4	13.3	271498	-3.9	
24	231	1437	-116.5	-3.9	-12.4	-3.9	13.6	271957	-3.5	
24	230.7	1436.9	-117.2	-4.1	-12.5	-4.3	13.6	272381	-3.1	
24	230.4	1436.8	-117.3	-3.7	-12.7	-4.1	13.5	272771	-2.8	
24	230.1	1436.8	-117.9	-4.3	-12.5	-4.3	13.1	273092	-2.6	
24	229.8	1436.6	-116.9	-2.6	-12.4	-3.5	12.6	273270	-2.5	
24	229.5	1436.6	-117	-2.8	-12.1	-3.4	12.1	273377	-2.4	
24	229.2	1436.4	-116.6	-1.9	-11.9	-2.4	11.6	273377	-2.5	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
24	228.9	1436.3	-116.5	-2.6	-11.6	-2.4	11.2	273199	-2.6	
24	228.6	1436.2	-117.1	-2.4	-11.3	-3	10.8	272985	-2.8	
24	228.3	1436.2	-117.5	-2.9	-11.1	-2.9	10.6	272665	-2.9	
24	228	1436.1	-117.5	-3	-11.1	-2.7	10.4	272310	-3	
24	227.7	1436.1	-117.8	-2.9	-10.9	-2.8	10.2	271992	-3.2	
24	227.4	1436.2	-117.7	-2.8	-10.7	-3.1	10.2	271710	-3.3	
24	227.1	1436.2	-117.6	-2.9	-10.9	-3.2	10.2	271533	-3.4	
24	226.8	1436.2	-117.8	-2.7	-11.2	-3.5	10.3	271533	-3.4	
24	226.5	1436.2	-117.5	-2.8	-11.5	-3.4	10.5	271710	-3.5	
24	226.2	1436.4	-117.2	-3.2	-11.5	-3.1	10.8	272098	-3.5	
24	225.9	1436.5	-117.7	-3.7	-11.8	-3.3	11.1	272629	-3.5	
24	225.6	1436.7	-118.3	-3.8	-11.8	-3.7	11.4	273377	-3.5	
24	225.3	1436.7	-118.6	-3.9	-11.9	-4	11.6	274200	-3.5	
24	225	1436.9	-119	-4.4	-11.9	-4.4	11.7	274884	-3.5	
24	224.7	1437.3	-118.7	-3.6	-11.7	-3.8	11.9	275282	-3.4	
24	224.4	1437.7	-118.8	-3.1	-11.5	-3.8	12.1	275354	-3.3	
24	224.1	1438	-118.7	-2.6	-11.3	-3.8	12.3	275065	-3.2	
24	223.8	1438.1	-118.2	-1.8	-11.3	-3.5	12.4	274488	-3.1	
24	223.5	1438.1	-118.4	-2.1	-11.2	-3.7	12.3	273699	-3	
24	223.2	1438.1	-118.6	-2.6	-11.2	-3.6	12.2	272736	-2.9	
24	222.9	1437.9	-118.5	-1.9	-11.2	-3.1	12	271604	-2.8	
24	222.6	1437.9	-118.5	-1.1	-11.2	-2.8	12	270621	-2.7	
24	222.3	1437.9	-119	-2.8	-11.4	-3.2	11.9	269923	-2.5	
24	222	1437.9	-118.9	-2.9	-11.4	-3.1	11.7	269541	-2.4	
24	221.7	1437.8	-118.7	-3.3	-11.6	-3.3	11.5	269437	-2.4	
24	221.4	1437.6	-118.3	-3.1	-11.9	-3.2	11.3	269610	-2.3	
24	221.1	1437.5	-117.7	-2.9	-11.9	-2.4	11.2	270028	-2.2	
24	220.8	1437.4	-117.5	-2.4	-12	-2.2	11.2	270621	-2.2	
24	220.5	1437.4	-117.8	-3.2	-12	-2.4	11.3	271393	-2.2	
24	220.2	1437.3	-117.7	-3.1	-12	-2.5	11.2	272169	-2.3	
24	219.9	1437.5	-118	-3.4	-11.7	-2.4	11.2	272878	-2.4	
24	219.6	1437.5	-117.5	-3.4	-11.6	-2	11.1	273448	-2.6	
24	219.3	1437.8	-117	-2.6	-11.3	-1.7	11.2	273842	-2.8	
24	219	1438.2	-116.7	-1.1	-11.1	-1.9	11.4	274057	-3	
24	218.7	1438.2	-116.6	-0.8	-11	-2.2	11.4	274129	-3.3	
24	218.4	1438.4	-116.4	0.1	-10.9	-2.8	11.6	273985	-3.5	
24	218.1	1438.3	-116.8	0.4	-10.8	-3.1	11.6	273699	-3.8	
24	217.8	1438.2	-116.6	0.7	-10.6	-2.7	11.6	273270	-4	
24	217.5	1438	-117	0.9	-10.9	-4	11.7	272771	-4.2	
24	217.2	1438.1	-117.2	-0.3	-10.9	-3.8	11.8	272240	-4.3	
24	216.9	1438.1	-117.4	-0.4	-10.9	-4.3	11.8	271745	-4.3	
24	216.6	1438.3	-117.2	-0.6	-10.7	-4.3	11.7	271322	-4.3	
24	216.3	1438.2	-117.7	-1.2	-10.5	-4.7	11.4	271006	-4.3	
24	216	1438	-116.7	0.4	-10.6	-4.1	11.2	270866	-4.3	
24	215.7	1437.6	-117.2	0.3	-10.6	-3.6	10.8	270901	-4	
24	215.4	1437.2	-118.2	-0.7	-10.9	-4.6	10.5	271112	-3.6	
24	215.1	1436.8	-116.4	1.4	-11	-2.3	10.4	271393	-3.1	
24	214.8	1436.8	-117.9	-0.2	-11.1	-3.2	10.5	271710	-2.8	
24	214.5	1436.6	-117.8	-0.2	-11.4	-2.5	10.6	272098	-2.3	
24	214.2	1436.5	-117.8	0	-12	-2.2	10.8	272488	-1.9	
24	213.9	1436.5	-118.1	-0.6	-12.3	-2.1	11.1	272878	-1.6	
24	213.6	1436.4	-117.5	-0.3	-12.6	-1.5	11.4	273234	-1.4	
24	213.3	1436.5	-118.3	-0.6	-12.8	-2.5	11.7	273484	-1.3	
24	213	1436.9	-117.7	0.6	-12.9	-0.6	12.4	273699	-1.2	
24	212.7	1436.8	-117.4	1.2	-13.1	-2.7	12.6	273913	-1.4	
24	212.4	1436.7	-117.8	1.2	-13.1	-2.3	12.6	274129	-1.7	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
24	212.1	1436.8	-117.9	0.8	-12.7	-2.8	12.6	274308	-2	
24	211.8	1437	-117.8	1	-12.4	-2.9	12.6	274416	-2.6	
24	211.5	1437.1	-117.5	1.2	-12.1	-3.1	12.4	274452	-3.2	
24	211.2	1437.3	-118.1	0.1	-11.5	-4.5	12.1	274416	-3.8	
24	210.9	1437.6	-117	1.4	-11.1	-3.7	11.9	274380	-4.3	
24	210.6	1437.7	-118.3	0.3	-10.7	-6	11.4	274272	-4.7	
24	210.3	1437.8	-115.7	2.8	-10.5	-3.9	11.3	274021	-5	
24	210	1437.5	-116.5	2	-10.6	-4.8	11.1	273591	-5.1	
24	209.7	1437.3	-116.3	2.7	-10.6	-4.9	11	273092	-5.2	
24	209.4	1437.2	-117.1	1.8	-10.7	-5.2	11	272523	-5	
24	209.1	1437.1	-117.1	1.6	-10.8	-5.7	11	272027	-4.7	
24	208.8	1436.9	-117.4	0.9	-11.1	-5.2	11	271639	-4.2	
24	208.5	1437	-116.9	0.8	-11.3	-5.2	11.2	271252	-3.7	
24	208.2	1437.1	-116.3	1.2	-11.5	-3.4	11.4	270971	-3.4	
24	207.9	1437.3	-116.2	1.6	-11.5	-4.6	11.6	270866	-3.2	
24	207.6	1437.2	-115.8	1.9	-11.4	-3.7	11.6	270971	-3	
24	207.3	1437	-115.4	2.6	-11.5	-2.8	11.7	271322	-2.9	
24	207	1436.8	-116	1.5	-11.4	-3.1	11.6	271886	-2.9	
24	206.7	1436.7	-114.7	2.3	-11.4	-1.7	11.5	272488	-3	
24	206.4	1436.7	-114.7	2	-11.4	-1.6	11.4	273020	-3.3	
24	206.1	1436.6	-113.9	2.7	-11.5	-1.4	11.2	273413	-3.7	
24	205.8	1436.6	-114.4	2	-11.4	-2.5	11	273663	-3.9	
24	205.5	1436.5	-113.9	2.9	-11.3	-1.8	10.8	273699	-4.1	
24	205.2	1436.4	-113.7	2.9	-11.2	-2.1	10.8	273520	-4.2	
24	204.9	1436.3	-114.7	2.3	-11	-3.2	10.8	273163	-4.2	
24	204.6	1436	-114.4	2.8	-11.1	-2.8	10.8	272665	-4.2	
24	204.3	1436.1	-114.9	2.5	-11	-3.5	11	272133	-4.1	
24	204	1436.4	-115.4	1.8	-10.7	-3.7	11.2	271674	-3.7	
24	203.7	1436.8	-115.5	2.2	-10.4	-3.8	11.4	271428	-3.4	
24	203.4	1436.9	-115.3	1.4	-10.5	-2.9	11.6	271322	-3	
24	203.1	1436.8	-116.3	0.9	-10.7	-4.3	11.6	271393	-2.6	
24	202.8	1436.4	-115.8	2.4	-11.1	-3.7	11.4	271710	-2.2	
24	202.5	1436.1	-115.9	0.5	-11.6	-2.8	11.4	272133	-1.9	
24	202.2	1435.8	-115.6	2.3	-11.9	-2.5	11.4	272665	-1.7	
24	201.9	1435.4	-116.4	1.4	-12.5	-2.9	11.4	273234	-1.4	
24	201.6	1435.2	-116	1.8	-12.9	-2	11.4	273878	-1.3	
24	201.3	1435	-116.3	1.8	-13.3	-2.1	11.4	274452	-1.2	
24	201	1435	-116.5	1	-13.4	-2.7	11.3	274848	-1.1	
24	200.7	1435.3	-115.2	3.1	-13.4	-0.7	11.5	275137	-1.2	
24	200.4	1435.9	-115	2.7	-13.2	-0.8	12	275173	-1.3	
24	200.1	1436.3	-115.3	2.1	-12.9	-1.8	12.4	275137	-1.5	
24	199.8	1436.6	-115.2	2.6	-12.6	-1.9	12.6	274956	-1.6	
24	199.5	1436.9	-114.9	3	-11.9	-1.6	12.7	274668	-1.9	
24	199.2	1437	-115.3	2.5	-11.6	-2.2	12.6	274344	-2.1	
24	198.9	1437	-115.4	2.1	-11.3	-2.9	12.5	273949	-2.3	
24	198.6	1437.3	-114.5	3.6	-11	-1.8	12.5	273520	-2.5	
24	198.3	1437.5	-115.1	1.9	-10.8	-3.4	12.4	273199	-2.7	
24	198	1437.7	-115.1	3.2	-10.4	-4	11.9	273020	-3.1	
24	197.7	1437.6	-114.1	1.6	-10	-3.5	11.3	273020	-3.6	
24	197.4	1437.3	-114.2	2.3	-9.9	-4.3	10.7	273092	-3.9	
24	197.1	1436.8	-113.9	2.4	-10.2	-4.6	10.2	273234	-4.1	
24	196.8	1436.7	-114.3	2.8	-10.4	-4.7	10.1	273413	-4.2	
24	196.5	1436.7	-113.3	3.8	-10.4	-3.8	10.2	273591	-4.5	
24	196.2	1436.6	-114	3.4	-10.8	-4.9	10.3	273806	-4.6	
24	195.9	1436.5	-113.6	3.3	-11.1	-4.9	10.5	273949	-4.7	
24	195.6	1436.4	-113.3	3	-11.5	-3.7	10.7	274021	-4.5	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
24	195.3	1436.4	-113.1	3.1	-11.8	-4.3	11	274021	-4.3	
24	195	1436.4	-112.4	3.4	-12.2	-3.3	11.4	274021	-4.1	
24	194.7	1436.8	-112	3.4	-11.9	-3.3	11.9	274021	-3.9	
24	194.4	1436.9	-112.3	3.7	-11.9	-3.2	12.1	273949	-3.7	
24	194.1	1436.8	-112.5	2.2	-11.8	-3.8	12.1	273842	-3.6	
24	193.8	1436.8	-112.9	1.8	-11.2	-3.7	11.8	273699	-3.6	
24	193.5	1436.7	-111.8	2.1	-11	-1.8	11.7	273484	-3.6	
24	193.2	1436.8	-113.1	1.3	-10.7	-4.3	11.5	273199	-3.9	
24	192.9	1436.9	-112	1.9	-10.5	-2.8	11.5	272771	-4.2	
24	192.6	1437.1	-112.3	1.4	-10.1	-4.2	11.4	272133	-4.5	
24	192.3	1436.8	-111.2	3.5	-10.2	-3.3	11.1	271463	-5.1	
24	192	1436.6	-111.3	3.1	-10.4	-3.5	11	270831	-5.5	
24	191.7	1436.2	-111.3	3.6	-10.5	-4.2	10.8	270307	-5.7	
24	191.4	1435.7	-111.6	3.8	-11.1	-3.5	10.8	269958	-5.5	
24	191.1	1435.6	-113.5	2	-11.4	-5.5	11	269819	-5.2	
24	190.8	1435.5	-112.1	3.2	-11.6	-2.8	11.1	269819	-4.7	
24	190.5	1435.5	-113.7	2.6	-11.9	-4.6	11.3	270063	-4.3	
24	190.2	1435.3	-112.7	3.1	-12.2	-2.8	11.4	270691	-4	
24	189.9	1435.1	-113.9	2	-12.5	-3.7	11.6	271533	-3.1	
24	189.6	1435.1	-114.3	1.3	-12.7	-3.5	11.8	272452	-2.7	
24	189.3	1435	-113.2	3.2	-12.8	-1.3	11.9	273377	-2.2	
24	189	1435.2	-114.4	1.6	-12.7	-2	12.1	274200	-1.8	
24	188.7	1435.3	-114.6	1.7	-12.7	-1.5	12.2	274848	-1.4	
24	188.4	1435.2	-114.9	1.6	-12.9	-1.9	12.1	275390	-1	
24	188.1	1435.2	-114.9	0.3	-12.7	-1.2	11.9	275789	-0.8	
24	187.8	1435.1	-115.6	-0.6	-12.5	-1.9	11.6	275898	-0.6	
24	187.5	1435.2	-115.4	-0.1	-12.2	-1.3	11.4	275680	-0.6	
24	187.2	1435.4	-115.7	-0.5	-11.9	-1.5	11.3	275209	-0.5	
24	186.9	1435.6	-116.8	-1.9	-11.5	-3.3	11.1	274596	-0.2	
24	186.6	1435.9	-116.7	-1.4	-11.1	-2.3	11	273985	-0.1	
24	186.3	1436.1	-115.6	-0.2	-10.6	-1.3	10.8	273484	-0.2	
24	186	1436.4	-115.9	-1.4	-10.3	-1.6	10.8	273056	-0.3	
24	185.7	1436.6	-115.2	-0.1	-10.2	-0.8	10.8	272736	-0.5	
24	185.4	1436.7	-115.8	-0.7	-10	-1.7	10.8	272558	-0.6	
24	185.1	1437	-115.4	-1.3	-10	-1.1	10.8	272523	-0.6	
24	184.8	1437	-115.1	-0.9	-10.1	-1.4	10.8	272629	-1.1	
24	184.5	1436.9	-114.3	-0.4	-10.4	-0.4	11	272914	-1.6	
24	184.2	1436.8	-114.5	-0.2	-10.8	-1.2	11.3	273234	-2	
24	183.9	1436.6	-114.3	-1	-11.4	-2.4	11.6	273484	-2.4	
24	183.6	1436.6	-114.3	-0.3	-11.9	-2.6	12	273663	-2.7	
24	183.3	1436.8	-115	-1.4	-12.1	-4.3	12.4	273842	-3.3	
24	183	1436.8	-113.7	-0.4	-12.6	-3	12.8	273985	-3.4	
24	182.7	1437.1	-114.3	-1.2	-12.7	-4.4	13.2	274164	-3.8	
24	182.4	1437.2	-113.9	-1.5	-12.7	-4.2	13.3	274344	-3.9	
24	182.1	1437	-114.1	-2.1	-12.7	-5	13.2	274452	-3.7	
24	181.8	1436.8	-114	-1.7	-12.4	-5.2	12.9	274452	-4	
24	181.5	1436.8	-112.9	-0.4	-11.9	-4.3	12.4	274344	-4.2	
24	181.2	1436.5	-113	-0.1	-11.6	-4.6	11.8	274129	-4.3	
24	180.9	1436.4	-112.7	-0.9	-11.3	-4	11.3	273842	-4.5	
24	180.6	1436.4	-112.4	0.7	-10.9	-4.4	10.8	273484	-4.6	
24	180.3	1436.1	-112.1	-0.1	-10.8	-4	10.2	273092	-4.7	
24	180	1436.2	-112	0.3	-10.6	-3.7	10	272700	-4.8	
24	179.7	1436.1	-111.3	-0.1	-10.6	-2.8	10	272381	-4.9	
24	179.4	1435.9	-111.2	0.1	-10.6	-2.3	10.1	272169	-5	
24	179.1	1435.9	-111.3	0	-10.7	-3.2	10.3	272027	-5	
24	178.8	1436	-111.2	0.4	-10.7	-2.9	10.7	272027	-5	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
24	178.5	1436.1	-111.5	2	-10.8	-3.2	11	272133	-4.8	
24	178.2	1436.3	-111.4	0.7	-10.8	-3.6	11.3	272240	-4.8	
24	177.9	1436.3	-111.3	2.4	-10.9	-3	11.6	272346	-4.6	
24	177.6	1436.4	-112.4	0.3	-11.1	-4	11.9	272417	-4.4	
24	177.3	1436.3	-112.7	1.2	-11.3	-4.4	12	272523	-4.1	
24	177	1436.1	-113.7	0.6	-11.4	-4.9	11.9	272700	-3.8	
24	176.7	1435.9	-113.3	-0.1	-11.6	-3.9	11.8	272914	-3.5	
24	176.4	1435.5	-113.6	0.8	-12.1	-4	11.6	273163	-3.2	
24	176.1	1435.4	-113.4	1.2	-12.1	-3.1	11.5	273341	-2.8	
24	175.8	1435.3	-112.7	2.2	-12.4	-2.6	11.4	273484	-2.8	
24	175.5	1435.1	-113.6	1.3	-12.4	-3.4	11.2	273555	-2.6	
24	175.2	1435	-113.5	2.1	-12.4	-2.6	11.1	273484	-2.4	
24	174.9	1435.1	-113.5	1.9	-12.2	-2.2	11.1	273270	-2.4	
24	174.6	1435.3	-114.1	1.6	-11.7	-2.2	11.1	272878	-2.3	
24	174.3	1435.6	-114.5	2.3	-11.5	-2.5	11.2	272417	-2.3	
24	174	1435.9	-114.4	2.3	-11.2	-2	11.4	271957	-2.3	
24	173.7	1436	-114.6	1	-11	-2.6	11.3	271604	-2.4	
24	173.4	1436.2	-114.4	1.5	-10.9	-2.7	11.2	271498	-2.4	
24	173.1	1436.2	-114.2	1	-10.9	-2.4	11.1	271745	-2.4	
24	172.8	1436.1	-114.2	1.6	-11	-2.5	11	272346	-2.3	
24	172.5	1436	-114.6	0.8	-11.1	-2.8	10.9	273306	-2.2	
24	172.2	1435.8	-114.6	0.5	-11.3	-2.6	10.8	274524	-2.1	
24	171.9	1435.8	-115.3	-1	-11.4	-3.1	11	275862	-1.9	
24	171.6	1435.9	-115.8	-1.3	-11.4	-3	11.1	277213	-1.7	
24	171.3	1436.1	-115.5	-1.2	-11.3	-2.6	11.4	278393	-1.6	
24	171	1436.5	-115.5	-1.2	-11.3	-2.6	11.8	279247	-1.5	
24	170.7	1436.9	-114.8	0.2	-11.3	-2.4	12.1	279694	-1.7	
24	170.4	1437.2	-114.6	-0.9	-11.2	-2.5	12.4	279732	-1.8	
24	170.1	1437.2	-114.5	-0.2	-11.4	-2.6	12.5	279284	-1.8	
24	169.8	1437.2	-114	-0.1	-11.3	-2.4	12.5	278541	-2.1	
24	169.5	1436.8	-113.6	0.5	-11.6	-2.7	12.4	277618	-2.4	
24	169.2	1436.4	-114.5	-0.5	-11.9	-3.2	12.3	276627	-2.5	
24	168.9	1436	-114.3	-1.4	-12.1	-3.3	12.1	275680	-2.8	
24	168.6	1435.8	-114.5	-1.5	-12.4	-3.8	11.9	274884	-3.1	
24	168.3	1435.9	-113.9	-1.2	-12.4	-3.6	11.8	274236	-3.2	
24	168	1436	-113.6	-1.2	-12.3	-3.8	11.6	273806	-3.4	
24	167.7	1436.2	-112.8	-0.7	-12.1	-3.2	11.4	273555	-3.5	
24	167.4	1436.3	-112.7	-0.7	-11.8	-3.9	11.1	273555	-3.5	
24	167.1	1436.3	-111.3	0	-11.4	-2.6	10.8	273770	-3.6	
24	166.8	1436.1	-111.8	-0.6	-11.2	-2.8	10.5	274057	-3.6	
24	166.5	1436	-112.1	-0.8	-11	-3.1	10.3	274416	-3.6	
24	166.2	1436	-112.1	-0.9	-10.8	-2.6	10.3	274812	-3.5	
24	165.9	1436.1	-112.2	-0.7	-10.6	-2.7	10.4	275282	-3.5	
24	165.6	1436.2	-111.9	-0.5	-10.6	-2.1	10.6	275789	-3.5	
24	165.3	1436.6	-111.7	-0.4	-10.6	-2.3	11	276262	-3.5	
24	165	1436.8	-110.6	1.8	-10.6	-1.6	11.4	276664	-3.7	
24	164.7	1437.1	-110.9	1.8	-10.7	-3.3	11.9	276993	-3.8	
24	164.4	1437.3	-110.7	3	-10.6	-3.1	12.3	277213	-3.9	
24	164.1	1437.4	-110.9	2.4	-10.5	-3.1	12.6	277360	-4	
24	163.8	1437.2	-111.6	2	-10.5	-3.6	12.6	277434	-4.1	
24	163.5	1436.8	-112.2	1.2	-10.5	-4.1	12.3	277324	-4.1	
24	163.2	1436.4	-112.9	-0.2	-10.3	-5.1	11.7	277030	-4.1	
24	162.9	1436.1	-113	0.6	-10.2	-4.8	11.1	276627	-3.8	
24	162.6	1435.8	-112.6	0.9	-10	-5	10.5	276153	-3.6	
24	162.3	1435.5	-111.5	2	-9.8	-4.1	9.9	275644	-3.4	
24	162	1435.1	-111.2	2.9	-10	-3.3	9.5	275173	-3.2	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
24	161.7	1434.6	-111.5	3	-10.1	-3.5	9.2	274812	-2.8	
24	161.4	1434.2	-112.1	2.3	-10.2	-3.3	9.2	274596	-2.3	
24	161.1	1433.9	-112.2	2.4	-10.4	-2.7	9.5	274596	-1.9	
24	160.8	1433.8	-112	2.4	-10.9	-2	10.1	274776	-1.6	
24	160.5	1433.7	-112.2	2	-11.4	-1.8	10.7	275101	-1.4	
24	160.2	1433.8	-111.8	2.4	-12	-2.2	11.4	275535	-1.4	
24	159.9	1433.8	-110.7	3.9	-12.5	-1.7	12	276008	-1.6	
24	159.6	1433.8	-111.5	3.1	-12.8	-3.2	12.5	276445	-1.7	
24	159.3	1433.5	-110.8	4.5	-13.2	-2.2	12.8	276847	-2	
24	159	1433.1	-110.5	5.3	-13.6	-2	12.9	277177	-2.5	
24	158.7	1432.8	-110.7	4.8	-13.7	-2.5	12.9	277434	-2.9	
24	158.4	1432.7	-110.3	5.2	-13.6	-2.5	12.8	277618	-3.3	
24	158.1	1432.7	-110.6	4.2	-13.3	-3.5	12.5	277765	-3.7	
24	157.8	1433	-109.4	5.2	-12.9	-2.9	12.3	277949	-4.2	
24	157.5	1433.1	-109.6	4.9	-12.5	-4	11.9	278097	-4.5	
24	157.2	1433	-108.8	5.2	-12.2	-3.3	11.4	278134	-4.8	
24	156.9	1433.2	-109.7	3.9	-11.6	-4.1	11.1	278023	-4.8	
24	156.6	1433.3	-109.8	4.7	-11.2	-4.2	10.8	277765	-4.7	
24	156.3	1433.3	-110	4.3	-10.9	-4.4	10.5	277360	-4.7	
24	156	1433.3	-110.2	4.3	-10.6	-4.1	10.2	276957	-4.4	
24	155.7	1433.3	-109.4	4.5	-10.5	-3	10	276591	-4.2	
24	155.4	1433.4	-109.7	3.9	-10.4	-3.6	9.9	276262	-3.9	
24	155.1	1433.6	-109.5	3.3	-10.5	-2.8	10	276008	-3.6	
24	154.8	1433.8	-109.1	3.6	-10.5	-2.5	10.2	275898	-3.2	
24	154.5	1434	-110.1	1.2	-10.7	-2.7	10.5	275971	-2.7	
24	154.2	1434.2	-110.2	1.6	-10.9	-2	10.8	276262	-2.3	
24	153.9	1434.5	-110	2.1	-11	-1.4	11.2	276737	-2.1	
24	153.6	1434.7	-110.7	1.4	-11.2	-1.3	11.6	277250	-1.9	
24	153.3	1434.9	-110.6	1.6	-11.6	-1.6	12	277654	-1.9	
24	153	1434.9	-110.5	1.4	-12.1	-1.6	12.2	277839	-1.8	
24	152.7	1435	-111	0.7	-12.3	-2.3	12.3	277839	-1.8	
24	152.4	1435.1	-110.7	-0.1	-12.5	-2	12.3	277618	-1.9	
24	152.1	1435.1	-110.4	0.5	-12.5	-1.5	12.1	277213	-2.1	
24	151.8	1435.3	-111.1	-0.4	-12.3	-1.7	12	276664	-2.2	
24	151.5	1435.2	-111.3	-0.4	-12.2	-2.1	11.7	275971	-2.3	
24	151.2	1435.4	-112.5	-0.9	-11.8	-2.9	11.4	275246	-2.2	
24	150.9	1435.8	-112.4	-0.2	-11.5	-2.9	11.3	274632	-2	
24	150.6	1436.2	-111.6	1.3	-10.9	-2.2	11.2	274272	-2	
24	150.3	1436.4	-111.6	1.4	-10.5	-2.2	11.2	274200	-1.9	
24	150	1436.7	-112.1	0.5	-10.1	-2.9	11.2	274416	-2	
24	149.7	1436.9	-111.9	-0.4	-9.9	-3.1	11.3	274848	-2	
24	149.4	1436.9	-112.9	-1.7	-10	-4	11.3	275354	-1.8	
24	149.1	1437	-113.1	-1.6	-10	-3.6	11.4	275935	-1.6	
24	148.8	1437	-112.9	-0.8	-10.1	-3.2	11.4	276518	-1.8	
24	148.5	1437	-112.4	-0.2	-10.4	-2.5	11.4	276993	-2	
24	148.2	1436.9	-112.4	-0.4	-10.7	-3.5	11.4	277324	-2.3	
24	147.9	1436.5	-111.5	0.7	-10.9	-3.7	11.1	277360	-2.6	
24	147.6	1436.1	-111.8	0	-11.4	-3.5	11	277177	-2.8	
24	147.3	1436	-111.2	-0.5	-11.6	-3.3	11	276774	-3.2	
24	147	1435.9	-110.4	1.1	-11.7	-2.4	11.1	276190	-3.7	
24	146.7	1435.9	-110.9	-0.1	-11.8	-3	11.2	275572	-3.9	
24	146.4	1436	-110.6	-0.1	-11.8	-3.3	11.4	274920	-4.2	
24	146.1	1436.1	-111.4	-0.7	-11.7	-4.3	11.4	274236	-4	
24	145.8	1436.2	-110.8	-0.5	-11.5	-3.9	11.4	273591	-3.9	
24	145.5	1436.2	-109.2	1.4	-11.5	-2.8	11.5	273056	-4	
24	145.2	1436.3	-110.1	-0.7	-11.3	-3.4	11.7	272665	-3.9	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
24	144.9	1436.2	-110.3	-0.7	-11.4	-3.8	11.7	272452	-3.8	
24	144.6	1436.1	-110.6	-1.8	-11.5	-4.1	11.7	272381	-3.5	
24	144.3	1435.9	-110.5	-0.8	-11.5	-3.9	11.5	272452	-3.3	
24	144	1435.8	-110.1	-0.3	-11.6	-3.4	11.3	272629	-3.2	
24	143.7	1435.8	-109.8	0.2	-11.7	-2.5	11.2	272949	-3	
24	143.4	1435.8	-109.3	0.9	-11.9	-2.5	11.2	273341	-3	
24	143.1	1435.9	-109.3	0.1	-11.8	-3.2	11.2	273842	-2.9	
24	142.8	1435.8	-109.4	0.3	-11.8	-3	11.1	274344	-2.8	
24	142.5	1435.8	-109.5	0	-11.6	-3.4	11.1	274776	-2.8	
24	142.2	1435.9	-109.7	-0.6	-11.3	-3.1	11	275137	-2.8	
24	141.9	1436	-109	1.1	-11.2	-3	11	275390	-3	
24	141.6	1436.2	-109.1	1.1	-11.1	-2.9	11.1	275608	-3.2	
24	141.3	1436.6	-109.3	0.7	-10.8	-3.3	11.2	275717	-3.3	
24	141	1436.8	-108.8	1.9	-10.7	-3.6	11.2	275717	-3.5	
24	140.7	1436.8	-108.8	1.8	-10.7	-3.5	11.1	275680	-3.5	
24	140.4	1436.7	-108.3	2.2	-10.6	-3.1	10.9	275608	-3.7	
24	140.1	1436.5	-107.5	3.5	-10.7	-2.1	10.8	275535	-3.8	
24	139.8	1436.4	-108.2	2.5	-11	-2.3	10.8	275463	-3.8	
24	139.5	1436.5	-107.4	3	-11.1	-1.6	11.1	275390	-3.8	
24	139.2	1436.5	-108.6	2.5	-11.2	-2.5	11.2	275318	-3.7	
24	138.9	1436.6	-108.8	2.5	-11.3	-2	11.3	275246	-3.5	
24	138.6	1436.7	-108.1	4.4	-11.4	-1.5	11.6	275137	-3.4	
24	138.3	1436.9	-108.4	4	-11.4	-1.1	11.9	275029	-3.3	
24	138	1437	-108.4	3.2	-11.6	-1.4	12.4	274884	-3.2	
24	137.7	1437	-108.9	2.7	-11.8	-2.3	12.8	274632	-3.2	
24	137.4	1437.2	-109.7	2.4	-11.6	-2.6	13	274416	-3.1	
24	137.1	1437.1	-110.2	1.7	-11.8	-3.4	13	274272	-3.2	
24	136.8	1436.7	-110.4	2.5	-11.9	-3.5	12.8	274200	-3.2	
24	136.5	1436.5	-111.2	1.9	-12	-3.5	12.6	274272	-3.2	
24	136.2	1436.2	-111.2	1.7	-12.3	-3.9	12.4	274488	-3.1	
24	135.9	1436	-112.4	0	-12.3	-4.9	12	274704	-3	
24	135.6	1435.8	-112.1	0.3	-12.3	-4.4	11.5	274956	-2.8	
24	135.3	1435.5	-112.2	-0.7	-12.3	-4.4	11	275246	-2.7	
24	135	1435.3	-112.2	-0.4	-12.5	-3.7	10.6	275572	-2.4	
24	134.7	1435.2	-112.5	-1.3	-12.5	-3.9	10.4	275789	-2.2	
24	134.4	1435.1	-111.6	-1.2	-12.4	-2.7	10.3	275898	-2	
24	134.1	1435.3	-112.9	-2	-12.1	-3.5	10.3	275789	-1.7	
24	133.8	1435.4	-112.7	-2.1	-11.8	-3.1	10.3	275499	-1.4	
24	133.5	1435.7	-112.6	-1.2	-11.5	-2.1	10.5	275101	-1.1	
24	133.2	1436.2	-112.6	-1.8	-10.9	-2	10.6	274668	-1	
24	132.9	1436.6	-112	-2.8	-10.5	-1.7	10.8	274200	-1	
24	132.6	1437.2	-112.2	-2.1	-10.1	-2	11.1	273663	-1.2	
24	132.3	1437.6	-111.4	-1.1	-9.8	-1.8	11.3	273127	-1.5	
24	132	1437.7	-111.5	-0.9	-9.7	-2.5	11.4	272594	-1.8	
24	131.7	1437.7	-111	-0.5	-9.7	-2.2	11.4	272098	-2.3	
24	131.4	1437.6	-110.8	-0.7	-9.8	-2.5	11.4	271674	-2.8	
24	131.1	1437.4	-110.7	-0.9	-10.1	-2.7	11.4	271252	-3.2	
24	130.8	1437.2	-111.2	-1.9	-10.5	-3.4	11.4	270796	-3.5	
24	130.5	1437	-110.4	-1.1	-11	-3.3	11.4	270307	-3.7	
24	130.2	1437	-110.6	-1.2	-11.4	-3.7	11.4	269784	-3.8	
24	129.9	1437	-109.7	-0.2	-11.6	-3.4	11.4	269264	-4	
24	129.6	1437	-110	-0.3	-11.8	-3.5	11.5	268780	-4	
24	129.3	1436.8	-109.3	-0.3	-12	-3.4	11.5	268435	-4.1	
24	129	1436.6	-109.6	-0.5	-12.2	-3.7	11.6	268126	-4	
24	128.7	1436.4	-109.8	-0.5	-12.3	-3.7	11.7	267817	-3.8	
24	128.4	1436.4	-110	-1.2	-12.2	-3.6	11.7	267612	-3.6	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
24	128.1	1436.6	-109.7	-0.9	-12	-3	11.8	267475	-3.5	
24	127.8	1436.8	-109.2	-0.9	-12	-3.1	11.8	267441	-3.4	
24	127.5	1436.8	-109.2	-1.7	-11.9	-3.3	11.6	267441	-3.2	
24	127.2	1436.9	-109.5	-1.3	-11.8	-3.2	11.4	267407	-3	
24	126.9	1436.9	-109.1	-1.7	-11.7	-3	11.3	267304	-2.9	
24	126.6	1436.7	-109.1	-0.5	-11.7	-2.8	11	267168	-2.8	
24	126.3	1436.6	-109.2	-0.4	-11.6	-2.7	10.8	267032	-2.7	
24	126	1436.6	-108.7	-0.6	-11.7	-1.8	10.8	266964	-2.5	
24	125.7	1436.7	-110	-1.6	-11.5	-3.1	10.7	266862	-2.3	
24	125.4	1437	-108.5	-0.1	-11.2	-1.9	10.7	266692	-2.2	
24	125.1	1437.2	-108.5	0.4	-11.1	-1.8	10.8	266522	-2.2	
24	124.8	1437.6	-108.5	1.2	-11.1	-1.7	11.1	266352	-2.2	
24	124.5	1437.9	-108.7	1.5	-11.1	-2.2	11.4	266183	-2.2	
24	124.2	1438.3	-108.5	1.9	-11	-2	11.8	266014	-2.2	
24	123.9	1438.4	-108.6	2.6	-11.1	-2.4	12.1	265778	-2.4	
24	123.6	1438.5	-108.8	2.4	-11.2	-2.9	12.3	265508	-2.7	
24	123.3	1438.4	-108.6	3.8	-11.6	-2.2	12.4	265239	-3.1	
24	123	1438.3	-108.5	3.6	-12	-3.2	12.5	264970	-3.5	
24	122.7	1438.2	-108.6	3.6	-12.3	-3.4	12.6	264769	-3.7	
24	122.4	1438.2	-108.5	3.7	-12.4	-3.4	12.6	264602	-4	
24	122.1	1438.2	-108.4	4.1	-12.5	-3.4	12.5	264502	-4.2	
24	121.8	1438.2	-108.2	3.4	-12.4	-3.4	12.4	264502	-4.4	
24	121.5	1438.2	-108	4.9	-12.2	-3.3	12.3	264569	-4.6	
24	121.2	1438.3	-108.4	4.3	-12	-3.3	12.4	264702	-4.7	
24	120.9	1438.5	-108.9	3.7	-11.8	-3.7	12.5	264903	-4.7	
24	120.6	1438.7	-109.2	3.4	-11.3	-3.7	12.5	265138	-4.8	
24	120.3	1438.6	-109.2	2.8	-11.4	-3.4	12.4	265373	-4.6	
24	120	1438.5	-109.7	2.5	-11.5	-3.6	12.3	265643	-4.4	
24	119.7	1438.4	-109.8	1.6	-11.4	-3.1	12.2	265913	-4	
24	119.4	1438	-110	1.5	-11.9	-3	12.1	266149	-3.6	
24	119.1	1437.7	-110.1	0.9	-12.3	-2.7	12.1	266352	-3.2	
24	118.8	1437.3	-110.8	0	-12.8	-2.8	12.2	266556	-2.8	
24	118.5	1437.1	-111.2	-0.5	-13	-3	12.2	266862	-2.6	
24	118.2	1436.8	-112.1	-0.9	-13.5	-2.9	12.3	267236	-2.2	
24	117.9	1436.9	-112.2	-1.8	-13.4	-3.1	12.5	267749	-1.8	
24	117.6	1437.1	-112.5	-1.9	-13.4	-2.3	12.8	268332	-1.6	
24	117.3	1437	-113	-3.3	-13.7	-2.9	13.1	268883	-1.3	
24	117	1437.3	-112.9	-2.9	-13.3	-3	13.3	269402	-1.3	
24	116.7	1437.6	-113.1	-3.8	-12.9	-3.1	13.2	269958	-1.3	
24	116.4	1437.5	-113.3	-3.7	-12.8	-3.5	13	270446	-1.3	
24	116.1	1437.3	-112.7	-2.9	-12.5	-2.8	12.6	270761	-1.6	
24	115.8	1437.3	-113.5	-3.5	-12.1	-3.3	12.3	271041	-1.8	
24	115.5	1437.1	-112.7	-3	-12	-2.8	12	271182	-2.2	
24	115.2	1436.8	-114	-4.8	-11.8	-3.9	11.5	271252	-2.4	
24	114.9	1436.7	-113.1	-3.9	-11.5	-3.3	11.1	271357	-2.6	
24	114.6	1436.7	-112.4	-2.9	-11.4	-2.8	10.9	271569	-2.7	
24	114.3	1436.9	-112.4	-3.3	-11.1	-2.6	10.8	271921	-2.8	
24	114	1437.3	-111.5	-2.4	-10.9	-2.2	11	272452	-3	
24	113.7	1437.3	-111.7	-2.5	-10.7	-3.2	11.1	273127	-3	
24	113.4	1437.4	-112	-3.3	-10.8	-3.1	11.3	273878	-2.9	
24	113.1	1437.3	-112	-2	-10.9	-3.5	11.4	274668	-2.8	
24	112.8	1437.1	-112.4	-3.9	-11	-3.2	11.4	275535	-2.7	
24	112.5	1437.2	-111.8	-3.3	-11.1	-2.8	11.6	276481	-2.6	
24	112.2	1437.1	-111.8	-3.3	-11.4	-3.6	11.6	277434	-2.6	
24	111.9	1436.8	-112.1	-3.4	-11.8	-4	11.4	278356	-2.5	
24	111.6	1436.8	-111.4	-2.9	-11.9	-3.7	11.2	279247	-2.5	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
24	111.3	1436.6	-110.3	-1.7	-12	-2.8	11	280143	-2.6	
24	111	1436.5	-110	-1.2	-12	-2.6	10.8	281121	-2.6	
24	110.7	1436.4	-110	-1.4	-11.8	-2.3	10.7	282220	-2.7	
24	110.4	1436.5	-109.8	-1.3	-11.5	-2.5	10.7	283328	-2.7	
24	110.1	1436.7	-110	-1.4	-11	-3.3	10.6	284366	-2.8	
24	109.8	1437	-109.1	-0.6	-10.5	-2.7	10.6	285296	-2.9	
24	109.5	1437.5	-108.9	-0.5	-10	-2.6	10.8	286076	-3	
24	109.2	1437.7	-108.9	-0.7	-9.7	-3	10.9	286742	-3.1	
24	108.9	1437.9	-108.6	-0.6	-9.3	-3.1	11	287332	-3.4	
24	108.6	1437.9	-108	0.4	-9.2	-3.4	10.8	287925	-3.7	
24	108.3	1437.7	-108.9	0	-9.2	-4.4	10.6	288480	-3.4	
24	108	1437.4	-107.5	1.7	-9.4	-3.8	10.3	289118	-3.5	
24	107.7	1437	-107.2	2	-9.7	-2.8	10.1	289918	-3.5	
24	107.4	1436.8	-106.8	2.9	-9.8	-3.3	10	291006	-3.7	
24	107.1	1436.6	-106.6	3.2	-10.1	-3.7	9.9	292469	-3.9	
24	106.8	1436.2	-106.6	3.4	-10.3	-3.7	9.7	294278	-3.9	
24	106.5	1435.9	-107.5	2.6	-10.5	-4.4	9.6	296235	-3.2	
24	106.2	1436.2	-106.6	4.2	-10.5	-3.1	9.9	298345	-2.8	
24	105.9	1436.3	-105.7	5.5	-10.5	-2.4	10	300486	-3	
24	105.6	1436.6	-104.7	7.4	-10.4	-2.1	10.3	302745	-3.1	
24	105.3	1436.4	-105.9	6.3	-10.8	-3.3	10.5	305039	-2.7	
24	105	1436.2	-105.3	7.2	-10.8	-2.8	10.5	307187	-2.5	
24	104.7	1436.1	-104.6	8.4	-11	-1.9	10.5	309137	-2.4	
24	104.4	1436	-104.6	8.3	-10.9	-2.2	10.4	310881	-2.4	
24	104.1	1435.7	-104.1	9	-11	-1.1	10.3	312458	-2.3	
24	103.8	1435.7	-104.7	8.6	-11	-2.3	10.2	314052	-2.3	
24	103.5	1435.8	-103.8	8.9	-10.9	-1.5	10.2	315614	-2.2	
24	103.2	1435.9	-103.8	9.7	-11	-2.6	10.2	317192	-2.2	
24	102.9	1436.3	-103.5	9.2	-10.4	-1.8	10.1	318688	-2.1	
24	102.6	1436.3	-103.2	10.8	-10.4	-2.1	10	320199	-2	
24	102.3	1436.6	-103.5	9.6	-10.1	-2.9	10	321823	-1.9	
24	102	1436.8	-103	9.4	-10	-2.5	10	323464	-1.9	
24	101.7	1436.9	-103	9.4	-9.8	-3.2	10	325071	-1.9	
24	101.4	1436.8	-102.7	8.8	-10.1	-2.6	9.9	326592	-1.7	
24	101.1	1436.7	-103.3	8.4	-10.4	-3.7	9.8	328127	-1.4	
24	100.8	1436.7	-102.2	9.8	-10.5	-2.7	9.6	329573	-1.4	
24	100.5	1436.8	-101.6	10.4	-10.7	-2.4	9.6	330980	-1.5	
24	100.2	1437.1	-100.9	11.5	-10.7	-2.1	9.7	332452	-1.6	
24	99.9	1437.3	-100.4	11.4	-10.9	-1.5	9.9	333883	-1.6	
24	99.6	1437.6	-100.2	11.6	-11	-1.7	10.2	335380	-1.6	
24	99.3	1437.8	-99.3	12.8	-10.9	-1.2	10.4	337054	-1.7	
24	99	1438.3	-98.9	12.5	-10.5	-1.3	10.6	338799	-1.8	
24	98.7	1438.8	-98.2	12.1	-9.9	-1	10.7	340673	-2	
24	98.4	1439.2	-98	12	-9.4	-1.5	10.8	342456	-2.1	
24	98.1	1439.6	-98	12	-8.9	-3	10.7	344145	-2.2	
24	97.8	1439.9	-97.6	12.2	-8.4	-3.3	10.5	345679	-2.4	
24	97.5	1440	-97.5	12.5	-8	-4.1	10.1	347112	-2.5	
24	97.2	1439.9	-97.1	12	-7.7	-4.3	9.5	348498	-2.6	
24	96.9	1439.6	-96.6	12.3	-7.6	-4.3	8.9	349837	-2.6	
24	96.6	1439.6	-96.1	12.8	-7.7	-4.3	8.5	351128	-2.6	
24	96.3	1439.2	-95.2	13.4	-7.9	-3.9	8	352428	-2.5	
24	96	1439	-94.9	13.1	-7.9	-3.9	7.6	353977	-2.5	
24	95.7	1438.7	-92.8	16.1	-7.8	-2.2	7.1	355721	-2.7	
24	95.4	1438.6	-92.5	15	-7.8	-2.4	6.8	357788	-2.8	
24	95.1	1438.5	-91.5	15.7	-7.7	-2.2	6.7	360188	-3	
24	94.8	1438.6	-90.6	16.2	-7.7	-1.7	6.8	362810	-3.1	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
24	94.5	1438.9	-90.5	16.1	-7.6	-2.2	7.1	365597	-3.2	
24	94.2	1439.2	-89.9	16.7	-7.6	-2.1	7.4	368428	-3.5	
24	93.9	1439.4	-89.5	18	-7.4	-2.8	7.6	371236	-3.7	
24	93.6	1439.3	-89	17.6	-7.6	-2.1	7.8	374022	-3.8	
24	93.3	1439.2	-88.5	17.2	-7.8	-3	8	376849	-3.8	
24	93	1439.2	-88.2	16.5	-8	-3	8.3	379719	-3.6	
24	92.7	1439	-87.1	18.8	-8	-3	8.3	382564	-3.5	
24	92.4	1439	-86.9	18.4	-8	-3.2	8.3	385380	-3.4	
24	92.1	1439.2	-86.5	18.1	-7.7	-3.3	8.3	388239	-3.2	
24	91.8	1439.2	-86.5	18.1	-7.5	-3.3	8.2	391213	-3	
24	91.5	1439.3	-85.7	18.4	-7.4	-3.2	8.2	394307	-2.8	
24	91.2	1439.2	-86.5	18.2	-7	-4.4	8	397375	-2.7	
24	90.9	1439.2	-85.9	17.9	-7	-4	8	400568	-2.4	
24	90.6	1439.2	-85.1	18.7	-7.1	-3.3	8	403735	-2.1	
24	90.3	1439	-83.6	19.9	-7.1	-2.8	7.9	406952	-2	
24	90	1438.8	-83.5	19.7	-7.4	-2.7	7.9	410221	-1.8	
24	89.7	1438.2	-82.3	21.2	-7.9	-1.8	7.8	413625	-1.6	
24	89.4	1437.8	-82.4	20.6	-8.2	-1.9	7.7	417252	-1.3	
24	89.1	1437.5	-81	22	-8.5	-0.7	7.7	421112	-1.2	
24	88.8	1437.1	-80.7	22	-8.8	-0.7	7.6	425131	-1.2	
24	88.5	1437.3	-80	23.3	-8.6	-0.4	7.6	429315	-1.4	
24	88.2	1437.4	-79.5	22.7	-8.5	-1	7.6	433672	-1.6	
24	87.9	1437.5	-78.5	23.1	-8.3	-1.5	7.6	437935	-1.7	
24	87.6	1437.5	-78.3	22.6	-8.1	-2	7.6	442189	-1.8	
24	87.3	1437.4	-77.6	22.8	-7.9	-2.5	7.6	446147	-1.8	
24	87	1437.4	-77.2	23	-7.6	-2.4	7.6	449885	-1.9	
24	86.7	1437.3	-77.3	22	-7.5	-3.8	7.5	453392	-2	
24	86.4	1437.4	-75.8	23.1	-7	-2.9	7.4	456755	-1.9	
24	86.1	1437.5	-76.1	22.1	-6.8	-3.7	7.3	459663	-1.5	
24	85.8	1437.5	-75.1	22.9	-6.7	-3	7.1	462302	-1.3	
24	85.5	1437.4	-73.7	24.3	-6.6	-2.3	6.9	464558	-1.1	
24	85.2	1437.3	-72.8	24.8	-6.4	-1.8	6.6	466629	-1	
24	84.9	1437.2	-71.6	25.9	-6	-1.4	6.3	468718	-0.9	
24	84.6	1437.1	-71	26.1	-5.9	-1.3	6.1	470932	-0.9	
24	84.3	1437	-69.9	26.7	-5.8	-0.9	6	473381	-1	
24	84	1437	-69	27.1	-5.8	-1	6	476072	-1.1	
24	83.7	1436.8	-67.9	27.3	-5.9	-0.4	6	479122	-1.4	
24	83.4	1436.7	-67.4	27.5	-5.8	-0.9	6	482657	-1.6	
24	83.1	1436.7	-66.4	26.4	-5.8	-0.8	6	486695	-1.6	
24	82.8	1436.6	-65.7	26.8	-5.8	-1.2	6	491263	-1.8	
24	82.5	1436.4	-64.5	27	-6	-1	6	495917	-1.9	
24	82.2	1436.4	-64	26.6	-6.1	-1.3	6	500541	-1.9	
24	81.9	1436.2	-62.8	27.7	-6.2	-1.3	5.9	505252	-2	
24	81.6	1436.1	-62.4	27.5	-6.3	-1.5	5.8	510052	-2.1	
24	81.3	1435.9	-61.7	27.8	-6.3	-1.3	5.8	515071	-2.1	
24	81	1435.6	-61.1	27.9	-6.3	-1.3	5.6	519931	-2	
24	80.7	1435.5	-60.7	27.8	-6.2	-1.5	5.5	524621	-2	
24	80.4	1435.5	-59.8	28.4	-6.2	-1.2	5.5	529129	-2	
24	80.1	1435.7	-59.2	27.9	-5.9	-1.4	5.6	533578	-1.9	
24	79.8	1436	-58.1	28.8	-5.8	-1.1	5.7	538242	-2	
24	79.5	1436.1	-57.1	29.4	-5.6	-1	5.8	543270	-2.1	
24	79.2	1436.1	-57	29.5	-5.5	-1.3	5.8	548105	-2	
24	78.9	1436	-57	28.7	-5.6	-1.9	5.9	553027	-2	
24	78.6	1435.8	-56.2	30.3	-5.8	-1.8	5.9	558039	-2	
24	78.3	1435.7	-56.1	29.8	-5.7	-1.8	5.9	563293	-2	
24	78	1435.7	-55.5	29.6	-5.8	-1.8	6	569111	-2.1	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
24	77.7	1435.6	-54.8	28.8	-5.9	-1.5	5.9	575367	-2.1	
24	77.4	1435.7	-54.1	29.4	-5.9	-2	5.9	581923	-2.2	
24	77.1	1435.6	-53.6	28.7	-5.9	-2.2	5.6	588465	-2.2	
24	76.8	1435.6	-53	29.4	-5.6	-2.2	5.3	594987	-2.2	
24	76.5	1435.5	-52.5	28.5	-5.4	-1.7	5.1	601309	-2.2	
24	76.2	1435.7	-51.7	29	-5.1	-1.4	5.1	607415	-2.2	
24	75.9	1435.6	-52	28	-4.9	-2.1	5	613466	-2.2	
24	75.6	1435.5	-51.8	27.7	-4.9	-2.1	4.9	619272	-1.9	
24	75.3	1435.5	-51.6	26.9	-4.6	-2.5	4.8	624630	-1.8	
24	75	1435.4	-50.5	27.8	-4.7	-2	4.7	629702	-1.8	
24	74.7	1435.6	-50	27.6	-4.6	-2	4.7	634280	-1.8	
24	74.4	1435.7	-49.1	28.1	-4.7	-1.6	4.8	638536	-1.7	
24	74.1	1435.7	-48.9	28.4	-4.8	-1.4	4.9	642849	-1.6	
24	73.8	1435.5	-48.7	27.1	-5	-3	4.8	647220	-1.5	
24	73.5	1435.3	-48.1	28	-5	-1.9	4.6	651855	-1.3	
24	73.2	1435.2	-47.6	27.5	-4.9	-1.9	4.4	656556	-1.3	
24	72.9	1435.1	-46.9	26.8	-4.9	-1.3	4.3	661326	-1.2	
24	72.6	1435.2	-46.4	26.4	-4.7	-1.2	4.3	666377	-0.9	
24	72.3	1435.4	-46	25.6	-4.5	-1.2	4.4	671937	-0.8	
24	72	1435.6	-45.4	25.6	-4.4	-1	4.4	678250	-0.6	
24	71.7	1435.7	-45.7	24.2	-4.1	-1.8	4.3	685579	-0.6	
24	71.4	1435.7	-42.8	26.2	-4	0.3	4.2	693756	-0.6	
24	71.1	1435.8	-43.1	24.8	-3.8	-0.2	4.2	702839	-0.5	
24	70.8	1435.9	-42.3	25.1	-3.9	0	4.4	712404	-0.5	
24	70.5	1435.9	-42.1	24.3	-4	-0.6	4.6	722483	-0.5	
24	70.2	1435.7	-41.8	23.9	-4.4	-0.8	4.6	732851	-0.6	
24	69.9	1435.5	-41.3	23.2	-4.6	-0.9	4.5	743785	-0.7	
24	69.6	1435.4	-40.9	23.1	-4.5	-1.3	4.2	755051	-0.9	
24	69.3	1435.3	-40	22.8	-4.9	-0.5	4.3	766382	-1	
24	69	1435.5	-38.6	23.8	-4.9	-0.5	4.3	777481	-1.1	
24	68.7	1435.6	-38.6	23.1	-4.7	-1.5	4.2	788906	-1	
24	68.4	1435.7	-38	23.1	-4.5	-1.1	4.1	800059	-1.1	
24	68.1	1435.6	-37	23.7	-4.2	-1	3.8	810904	-1.3	
24	67.8	1435.7	-36.7	23.1	-3.6	-1.1	3.6	822047	-1.4	
24	67.5	1435.8	-36.1	23.1	-3.3	-1	3.5	833501	-1.5	
24	67.2	1435.9	-35.6	22.5	-3.2	-1	3.6	845278	-1.6	
24	66.9	1436.1	-35.4	21.7	-3	-1	3.7	856692	-1.6	
24	66.6	1436.4	-35.5	21.5	-2.8	-2.3	3.8	867698	-1.7	
24	66.3	1436.3	-33.1	23.9	-3.1	-0.1	3.9	878253	-1.6	
24	66	1436.3	-33.8	22.4	-3.1	-1.5	3.9	889068	-1.6	
24	65.7	1436	-32.5	23.6	-3.3	-1.1	3.9	900152	-1.6	
24	65.4	1435.8	-32.1	23.4	-3.7	-0.7	4	911517	-1.5	
24	65.1	1435.7	-31.9	22.9	-3.9	-0.9	3.9	923172	-1.5	
24	64.8	1435.6	-31.5	22.6	-4	-1.2	3.9	934711	-1.4	
24	64.5	1435.5	-31.9	21.7	-4.1	-1.4	3.9	947400	-1.4	
24	64.2	1435.4	-31.1	21.9	-4.1	-1	3.8	961319	-1.5	
24	63.9	1435.4	-30.6	21.9	-3.8	-2.1	3.8	977020	-1.6	
24	63.6	1435.3	-29.8	21.9	-3.7	-1	3.7	993713	-1.8	
24	63.3	1435.2	-28.9	23.1	-3.5	-1.3	3.7	1010499	-1.8	
24	63	1435.3	-29	22.8	-3.2	-1.7	3.7	1026853	-1.7	
24	62.7	1435.5	-28.9	22.7	-2.9	-2.1	3.6	1042706	-1.6	
24	62.4	1435.5	-27.8	22.7	-2.6	-1.4	3.4	1057985	-1.4	
24	62.1	1435.4	-28.4	21.6	-2.3	-1.5	3.1	1073169	-1.1	
24	61.8	1435	-27.7	21.4	-2.1	-1.3	2.6	1087099	-1	
24	61.5	1434.6	-27.1	21.8	-2.2	-0.8	2.2	1099660	-0.8	
24	61.2	1434.3	-27.3	21.4	-2.1	-1.3	1.9	1110744	-0.6	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
24	60.9	1434	-26.3	21.8	-2.2	-1.1	1.6	1120253	-0.4	
24	60.6	1433.9	-25.9	21.7	-2.2	-0.4	1.4	1131147	-0.2	
24	60.3	1433.8	-24.8	22.1	-2.5	0.2	1.4	1143502	0	
24	60	1433.8	-24	22.4	-2.5	-0.1	1.4	1158049	0	
24	59.7	1433.7	-24.1	21.9	-2.6	-0.1	1.5	1173628	0.2	
24	59.4	1433.6	-23.8	21.6	-2.7	-0.4	1.7	1189632	0.3	
24	59.1	1433.7	-23.5	22.2	-2.6	-0.6	1.9	1208166	0.4	
24	58.8	1433.8	-23.5	19.3	-2.6	-0.5	2	1229449	0.3	
24	58.5	1433.9	-22.4	20.7	-2.6	-0.6	2.2	1252993	0.1	
24	58.2	1434.2	-22.3	20	-2.5	-0.9	2.4	1279800	0	
24	57.9	1434.3	-21.1	21	-2.5	-1.4	2.5	1306961	-0.6	
24	57.6	1434.3	-20	21.8	-2.4	-1.5	2.4	1333600	-0.9	
24	57.3	1434.3	-19.2	22.1	-2.4	-1.2	2.4	1358697	-1.2	
24	57	1434.2	-18.5	22.4	-2.2	-1.5	2.3	1384756	-1.4	
24	56.7	1434.2	-17.9	22.1	-2.1	-1.4	2.2	1412788	-1.5	
24	56.4	1434.4	-18	20.6	-1.8	-1.8	2.2	1440985	-1.6	
24	56.1	1434.5	-17.1	21.5	-1.5	-1.6	2.2	1470331	-1.7	
24	55.8	1434.6	-17	21	-1.3	-2	2.1	1499822	-1.8	
24	55.5	1434.8	-15.8	21.2	-1	-1.6	2	1528286	-1.9	
24	55.2	1434.8	-14.9	21.8	-0.9	-1.4	1.9	1560172	-1.8	
24	54.9	1434.9	-14.3	21.8	-0.9	-1.5	1.9	1593418	-1.7	
24	54.6	1434.7	-13.1	22.5	-0.8	-0.9	1.7	1628111	-1.6	
24	54.3	1434.6	-12.6	22.8	-1	-0.8	1.6	1665673	-1.5	
24	54	1434.2	-12	23.5	-1.4	-0.8	1.4	1703622	-1.4	
24	53.7	1433.8	-12.1	21	-1.7	-1.1	1.2	1744793	-1.3	
24	53.4	1433.5	-11.2	22.6	-2.1	-0.6	1.1	1789531	-1.2	
24	53.1	1433.4	-11	21.5	-2.4	-0.7	1.1	1839851	-1	
24	52.8	1433.4	-10.5	21.6	-2.5	-0.2	1.2	1898233	-0.8	
24	52.5	1433.5	-9.8	22.1	-2.6	0	1.4	1965963	-0.8	
24	52.2	1433.5	-9	22.5	-2.7	-0.1	1.6	2042684	-0.6	
24	51.9	1433.8	-8.7	23.2	-2.6	-0.7	1.9	2127795	-0.7	
24	51.6	1433.9	-7.3	23.8	-2.5	-0.1	2.1	2208598	-0.8	
24	51.3	1434.1	-7.4	23.2	-2.2	-0.8	2.3	2275816	-1	
24	51	1434.4	-6.6	23.2	-1.9	-0.5	2.6	2336775	-1.3	
24	50.7	1434.5	-6.9	22	-1.6	-1.3	2.6	2381969	-1.5	
24	50.4	1434.5	-7.2	21.8	-1.5	-2.3	2.6	2409379	-1.7	
24	50.1	1434.6	-6.9	22	-1.1	-2.7	2.3	2428945	-2	
24	49.8	1434.5	-5.8	22	-1.1	-2.3	2.1	2443116	-2.3	
24	49.5	1434.4	-4.8	23.6	-1.1	-2	1.8	2460341	-2.6	
24	49.2	1434.4	-3.9	23.8	-0.9	-2	1.6	2483690	-2.8	
24	48.9	1434.2	-3.1	24	-1	-1.9	1.3	2519555	-3	
24	48.6	1434	-3.6	23.7	-1.1	-3	1	2565871	-3	
24	48.3	1433.6	-3.1	23.2	-1.2	-2.6	0.6	2633648	-3	
24	48	1433.4	-2.6	23.3	-1.2	-1.6	0.4	2722692	-3	
24	47.7	1433.3	-2.5	22.3	-1.4	-1.4	0.4	2821766	-2.8	
24	47.4	1433.5	-2.5	21.5	-1.3	-1.7	0.6	2920154	-2.8	
24	47.1	1433.6	-2.1	22	-1.3	-1.8	0.7	3016931	-2.7	
24	46.8	1433.5	-2	21.8	-1.4	-2	0.7	3115700	-2.5	
24	46.5	1433.7	-1	22.5	-1.4	-1.6	0.9	3221154	-2.5	
24	46.2	1433.7	-0.5	23	-1.5	-0.6	1	3344649	-2.5	
24	45.9	1433.8	0	22.4	-1.2	-0.6	1.1	3477990	-2.5	
24	45.6	1434	-0.7	21.6	-1.1	-1.8	1.3	3616149	-2.5	
24	45.3	1434	-0.9	20.2	-0.9	-2	1.2	3758977	-2.4	
24	45	1433.8	-1.4	18.6	-0.8	-2.4	1.1	3928237	-2.4	
24	44.7	1434	-1.2	18	-0.3	-2	1.1	4129685	-2.3	
24	44.4	1434	-1.2	17.3	0.2	-1.5	1	4334886	-2.3	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
24	44.1	1434.1	-0.7	17.2	0.5	-1.6	1	4531927	-2.4	
24	43.8	1434.3	-1.2	16.8	0.7	-2.4	0.9	4705057	-2.3	
24	43.5	1434.3	-0.7	16.4	1	-2.1	0.7	4869186	-2.4	
24	43.2	1434.3	-0.3	16.7	1.1	-1.8	0.5	5033053	-2.4	
24	42.9	1434.1	-0.1	15.7	1.1	-1.3	0.2	5221322	-2.4	
24	42.6	1433.4	-0.3	14.6	1	-1.1	-0.2	5438312	-2.2	
24	42.3	1432.7	-0.9	13.4	0.6	-1.5	-0.6	5705041	-1.6	
24	42	1432	-1.9	11.2	0.5	-1.6	-1	6068841	-0.6	
24	41.7	1431.5	-1.9	10.7	0.1	-1	-1	6625791	0.3	
24	41.4	1431.6	-1.6	10.4	-0.1	0	-0.6	7424646	0.8	
24	41.1	1431.3	-1.9	10.2	-0.5	0.2	-0.5	8580943	1.6	
24	40.8	1431.4	-1.1	10.1	-0.7	1.3	-0.1	10263481	1.9	
24	40.5	1431.6	-1.4	9.6	-1.1	1	0.4	12845092	2.4	
24	40.2	1431.4	-1.3	9.2	-1.4	1.4	0.7	17161885	2.5	
24	39.9	1431.3	-0.9	8.9	-1.5	2	0.9		2.3	
24	39.6	1431.1	-0.7	8.3	-1.6	2.2	0.9		1.9	
24	39.3	1430.7	-0.4	8.3	-1.7	2.1	0.9		1.4	
24	39	1430.4	-0.3	7	-2	1.1	0.7		0.5	
24	38.7	1430.2	-0.2	7.2	-1.7	0.5	0.5		-0.3	
24	38.4	1430.2	-0.6	6	-1.4	-1	0.1		-1.2	
24	38.1	1430.4	0.1	7	-1.2	-0.8	-0.2		-1.9	
24	37.8	1430.7	-0.1	7.1	-1.1	-1.4	-0.2		-2.4	
24	37.5	1431.1	-0.2	6.7	-0.9	-2.5	-0.1		-3	
24	37.2	1431.6	-0.1	5.7	-0.7	-3.1	0.1		-3.7	
24	36.9	1431.6	-0.3	4.5	-0.5	-3.8	0.1		-4.1	
24	36.6	1431.8	-0.1	3.8	-0.1	-4.3	0		-4.7	
24	36.3	1431.6	-0.1	3	0	-4.7	-0.2		-5.2	
24	36	1431.6	-0.5	3.1	0	-4.8	-0.2	-1.9E+07	-5.3	
24	35.7	1432.1	-0.6	2.5	0.4	-4.5	-0.2	-1.7E+07	-5.3	
24	35.4	1432.6	-0.9	1.7	0.6	-4.6	-0.2	-1.6E+07	-5.1	
24	35.1	1432.9	-0.5	2	1	-4.1	-0.5	-1.4E+07	-5.1	
24	34.8	1433.2	-0.7	1.8	1.1	-3.9	-0.7	-1.3E+07	-4.6	
24	34.5	1433.2	-0.8	1.3	1.2	-3.2	-0.7	-1.3E+07	-4	
24	34.2	1433.4	-0.7	1.3	1.3	-2.3	-0.5	-1.2E+07	-3.2	
24	33.9	1433.4	-1	0	1.4	-1.8	-0.3	-1.1E+07	-2.5	
24	33.6	1433.3	-1.5	-1	1.5	-1.4	-0.3	-1E+07	-1.8	
24	33.3	1433.4	-2.8	-2.8	1.4	-1.1	-0.3	-9648618	-0.5	curva
24	33	1433.6	-2.7	-2	1.6	0.2	-0.4	-8947650	0.5	
24	32.7	1433.8	-2.8	-1.9	1.9	0	-0.4	-8341634	0.8	
24	32.4	1434	-2.7	-1.3	2	-0.1	-0.4	-7930871	0.9	
24	32.1	1433.9	-2.9	-1.7	2	-0.1	-0.6	-7697610	1.1	
24	31.8	1433.4	-3.1	-1.9	1.8	-0.3	-1	-7669414	1.3	
24	31.5	1433	-3.2	-2.5	1.6	0	-1.3	-7812500	1.4	
24	31.2	1432.6	-3.3	-2.1	1.3	0.2	-1.5	-8022031	1.5	
24	30.9	1432.5	-3.8	-3.1	0.9	1.1	-1.4	-8341634	1.6	
24	30.6	1432.1	-3.9	-3.6	0.4	0.4	-1.5	-8687760	1.4	
24	30.3	1431.8	-3.4	-3.3	0	1	-1.5	-8909575	0.9	
24	30	1431.6	-2.6	-2.3	-0.5	0.6	-1.4	-9103261	-0.1	
24	29.7	1431.8	-2.5	-1.6	-0.3	0.3	-1.2	-9183114	-1	
24	29.4	1431.8	-2.2	-0.3	-0.1	-0.5	-1.1	-9183114	-1.9	
24	29.1	1432	-2.5	-0.6	0.3	-1.2	-0.9	-8986052	-2.6	
24	28.8	1432.2	-2.4	-0.8	0.6	-2.1	-0.6	-8687760	-3.2	
24	28.5	1432.5	-3.8	-1.9	1	-3.6	-0.5	-8375000	-3.6	
24	28.2	1432.8	-3.2	-2.1	1.3	-3.2	-0.3	-8115310	-3.5	
24	27.9	1432.9	-4.1	-2.7	1.5	-4.2	-0.3	-7930871	-2.9	
24	27.6	1432.9	-4	-2.7	1.4	-3.8	-0.3	-7754630	-2.1	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
24	27.3	1432.7	-4.6	-3.7	0.8	-3.5	-0.3	-7558664	-0.9	
24	27	1432.6	-4.1	-3.4	0.4	-2.4	-0.2	-7372359	0.1	
24	26.7	1432.2	-4.6	-4.2	-0.6	-2	-0.1	-7269965	1.1	
24	26.4	1431.7	-3.7	-3.4	-1.3	-0.8	-0.2	-7269965	1.7	
24	26.1	1431.6	-3.7	-3.5	-1.7	-0.5	-0.2	-7346491	1.7	
24	25.8	1431.6	-3.1	-2.5	-1.9	-0.3	-0.2	-7424646	1.3	
24	25.5	1431.7	-2.3	-2.4	-1.7	0.5	-0.1	-7451068	0.5	
24	25.2	1432	-2	-1.9	-1.3	-0.1	0	-7372359	-0.3	
24	24.9	1432.5	-1.5	-1.3	-0.9	0.1	0.1	-7244810	-1.1	
24	24.6	1433.1	-1.1	-1	-0.2	-1	0.1	-7073480	-2.1	
24	24.3	1433.9	-0.5	-0.2	0.6	-1	0.1	-6797890	-3	
24	24	1434.2	-0.1	0	1.2	-1.8	-0.2	-6462192	-3.7	
24	23.7	1434.4	0.9	1	1.7	-1.5	-0.5	-6104228	-4.2	
24	23.4	1434.5	0.3	0.8	2.2	-2.4	-0.8	-5815972	-4.3	
24	23.1	1434.1	-0.4	0.2	2.4	-3.4	-1.2	-5628360	-4.1	
24	22.8	1433.8	-0.4	0.5	2.6	-2.9	-1.5	-5553714	-3.6	
24	22.5	1433.8	-0.7	-0.2	2.5	-3	-1.5	-5613271	-3.2	
24	22.2	1433.8	-0.3	0.4	2.1	-2.3	-1.4	-5752061	-2.8	
24	21.9	1434.1	-0.4	0.4	1.7	-2.5	-1.1	-6051301	-2.4	
24	21.6	1434.6	-0.4	0.3	1.4	-2.3	-0.5	-6604890	-2.1	
24	21.3	1434.8	0.1	1.1	0.9	-2.1	0.1	-7451068	-1.9	
24	21	1434.6	0	1.5	0.3	-2	0.5	-8797269	-1.8	
24	20.7	1434.1	0	2.8	-0.2	-1.8	0.9	-1.1E+07	-1.8	
24	20.4	1433.4	-0.1	2.6	-0.8	-1.9	1	-1.4E+07	-1.7	
24	20.1	1433.1	-0.2	2.6	-1	-1.7	1.2		-1.6	
24	19.8	1433	-0.4	2.3	-0.8	-1.8	1.1		-1.6	
24	19.5	1433	-0.2	2.7	-0.6	-1.7	0.9		-1.6	
24	19.2	1433.1	-0.3	2.8	-0.2	-1.8	0.4		-1.8	
24	18.9	1433.1	-0.3	2.9	0	-1.8	-0.1		-1.9	
24	18.6	1433.1	0.2	3.5	0.2	-1.3	-0.4		-2	
24	18.3	1432.8	0.4	4.2	0.3	-1.7	-0.7	17161885	-2.2	
24	18	1432.5	0.6	4.5	0.4	-1.4	-0.8	14955357	-2.4	
24	17.7	1432	0.5	3.9	0	-1.7	-0.8	13684641	-2.5	
24	17.4	1431.5	-0.1	2.5	-0.7	-1.9	-0.8	13085938	-2.6	
24	17.1	1431.2	0.2	2.7	-1.3	-2.4	-0.6	12766768	-2.7	
24	16.8	1431.2	-0.2	2	-1.7	-2	-0.3	12924383	-2.6	
24	16.5	1431.5	-0.9	1.6	-1.7	-3.1	0	13508065	-2.6	
24	16.2	1431.9	-0.9	1.5	-1.4	-3.5	0.1	14439655	-2.6	
24	15.9	1432.2	-0.2	3.6	-0.9	-3	0.1	15861743	-2.6	
24	15.6	1432.4	-0.6	2.6	-0.3	-3.5	-0.1	18049569	-2.7	
24	15.3	1432.6	-0.5	3.6	0.5	-3.2	-0.5		-2.8	
24	15	1432.9	-1.2	2.8	1.7	-3.8	-1		-2.8	
24	14.7	1433.2	0	4.6	2.6	-2.8	-1.4		-2.8	
24	14.4	1433.2	-1.3	2.8	3.1	-3.9	-1.9		-2.7	
24	14.1	1433.2	-0.5	4.1	3.2	-2.5	-2.1		-2.5	
24	13.8	1433.2	-0.2	3.5	3.2	-1.8	-2.2		-2.3	
24	13.5	1433.3	0	3.7	2.8	-1.5	-2		-1.8	
24	13.2	1433.2	-0.3	2.8	2.2	-1.5	-1.5		-1.5	
24	12.9	1433.1	-0.7	1.6	1.4	-1.4	-0.9		-1.1	
24	12.6	1433	-0.3	1.7	0.3	-0.3	0		-0.8	
24	12.3	1432.7	-0.2	1.3	-0.7	-0.5	0.5		-0.9	
24	12	1432.7	0	1.1	-1.6	0.4	1.2		-0.8	
24	11.7	1432.7	-0.1	0.4	-2.4	-0.1	1.9		-1	
24	11.4	1432.6	-0.4	-0.3	-3	-1	2.3		-1.2	
24	11.1	1432.7	-0.3	-1.2	-3.5	-1.5	2.8		-1.5	
24	10.8	1432.5	0	-0.3	-3.7	-1.5	3		-1.8	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
24	10.5	1432.5	-0.3	0.1	-3.7	-1.7	3.1		-2	
24	10.2	1432.5	-0.3	0.1	-3.5	-2.2	3.1		-2.2	
24	9.9	1432.6	-1.1	-0.4	-3.2	-2.8	3.2		-2.2	
24	9.6	1432.9	-1.1	-0.8	-2.9	-2.8	3.2		-2.1	
24	9.3	1433.1	-1.4	-1	-2.5	-2.9	3		-2.1	
24	9	1433.4	-0.9	-0.5	-1.9	-2.3	2.8		-1.9	
24	8.7	1433.5	-0.5	-0.6	-1.5	-2	2.5		-2	
24	8.4	1433.2	-0.2	-0.2	-1.1	-1.8	2		-2.2	
24	8.1	1433.1	-0.5	-0.5	-0.6	-2	1.5		-2.2	
24	7.8	1432.8	-0.2	-0.1	-0.4	-2	1		-2.4	
24	7.5	1432.4	-0.7	-0.5	-0.1	-2.2	0.4		-2.6	
24	7.2	1432.5	-0.8	-0.4	0.1	-2.1	0.1	15861743	-2.7	
24	6.9	1432.4	-1.2	-1	0.5	-2.3	-0.4	13421474	-2.8	
24	6.6	1432.4	-0.7	-0.4	0.7	-2	-0.8	12102601	-2.8	
24	6.3	1432.3	-0.8	-0.5	0.9	-2.6	-1.2	11567680	-2.8	
24	6	1432.1	-1.1	-1.3	1	-2.9	-1.5	11504121	-2.7	
24	5.7	1431.8	-1.1	-1.5	0.9	-2.6	-1.8	11829096	-2.6	
24	5.4	1431.8	-0.9	-1.5	1.2	-2.3	-1.9	12316177	-2.4	
24	5.1	1431.6	-1.1	-1.6	1.2	-2.2	-2	12766768	-2.2	
24	4.8	1431.6	-1.6	-1.5	1.3	-2.3	-2	13004659	-1.9	
24	4.5	1431.5	-2.1	-2.3	1.3	-2.1	-2	13004659	-1.5	
24	4.2	1431.6	-2	-1.8	1.2	-1.9	-1.8	12462798	-1.4	
24	3.9	1431.7	-1.4	-0.5	1.1	-1.4	-1.4	11379076	-1.4	
24	3.6	1431.9	-1.7	-0.8	1.1	-1.5	-0.9	9970238	-1.6	
24	3.3	1432.2	-1.6	-1.4	1.2	-1.6	-0.5	8616255	-1.9	
24	3	1432.2	-1.8	-1.2	0.8	-2.2	-0.2	7558664	-2.1	
24	2.7	1432.3	-1.4	-0.9	0.6	-2.4	0.1	6775890	-2.6	
24	2.4	1432	-1.6	-0.4	0.3	-2.6	0.2	6268713	-2.8	
24	2.1	1432	-1.8	-1.8	0.2	-2.7	0.3	5914548	-3	
24	1.8	1431.9	-2.2	-0.9	-0.1	-3.1	0.3	5720629	-3	
24	1.5	1431.7	-2	-1.5	-0.4	-3.2	0.1	5705041	-3	
24	1.2	1431.4	-2.5	-2.3	-0.6	-3.3	-0.2	5832173	-2.8	
24	0.9	1431.3	-2.7	-2.7	-1	-3.2	-0.5	6176254	-2.6	
24	0.6	1431.4	-2.4	-2.1	-1.1	-2.4	-0.6	6732315	-2.4	
24	0.3	1431.5	-2	-1.3	-1.2	-1.9	-0.6	7531475	-2.2	
24	0	1431.4	-2	-1.7	-1.4	-1.5	-0.5	8651860	-2.1	
23	999.7	1431.6	-2.2	-2	-1.6	-1.2	-0.2	10213415	-1.9	
23	999.4	1431.9	-2.1	-2.1	-1.4	-0.7	0.1	12462798	-1.9	
23	999.1	1432.2	-2.1	-2	-1.1	-0.3	0.4	15509259	-1.9	
23	998.8	1432.5	-2.3	-1.9	-0.7	0.1	0.7	19940476	-2	
23	998.5	1433.3	-2.6	-2.3	0	-0.2	1.2		-2.2	
23	998.2	1433.9	-3	-3	0.6	-0.9	1.6		-2.4	
23	997.9	1434.3	-3.2	-2.9	0.9	-1.8	1.9		-2.6	
23	997.6	1434.7	-3.5	-3.2	1.5	-2.4	2		-2.9	
23	997.3	1434.8	-3.9	-2.8	1.8	-2.7	2		-3.2	
23	997	1434.6	-4.5	-3.4	1.8	-3.2	1.8		-3.4	
23	996.7	1434.1	-5.4	-4	1.6	-4.3	1.4		-3.4	
23	996.4	1433.5	-6.3	-5.4	1.1	-4.7	0.8	19034091	-2.8	
23	996.1	1432.9	-6.4	-5.9	0.3	-4.7	0.2	16230620	-2.2	
23	995.8	1432.1	-6.5	-6.3	-0.6	-4.1	-0.4	14146960	-1.6	
23	995.5	1431.5	-6	-5.5	-1.2	-3	-0.8	12537425	-0.8	
23	995.2	1430.9	-6	-5.8	-1.9	-2.6	-1.1	11441257	-0.1	
23	994.9	1430.4	-6.6	-5.9	-2.5	-2.4	-1.3	10628173	0.7	
23	994.6	1430	-7.3	-6.5	-2.6	-2.2	-1.4	10017943	1.4	
23	994.3	1430	-6.9	-5.7	-2.6	-1.2	-1.2	9517046	1.6	
23	994	1430.7	-6.5	-5.8	-2.1	-0.7	-0.5	9223568	1.2	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
23	993.7	1431.5	-5.1	-4.3	-1.9	0	0.4	9103261	0.3	
23	993.4	1432.3	-4.9	-3.8	-1.5	-0.9	1.3	9103261	-0.7	
23	993.1	1432.8	-4.5	-3.4	-1.3	-1.5	1.9	9223568	-1.6	
23	992.8	1433.2	-3.4	-2.5	-1	-1.8	2.3	9389014	-2.6	
23	992.5	1433.5	-3.1	-2	-0.8	-1.9	2.5	9648618	-3.5	
23	992.2	1433.5	-2.9	-1.3	-0.7	-2.2	2.5	9970238	-4.3	
23	991.9	1433.5	-2.7	-0.6	-0.6	-2.7	2.4	10365099	-4.9	
23	991.6	1433.2	-2.9	-0.9	-1	-3.4	2	10792526	-5.3	
23	991.3	1433.1	-3.3	-1.9	-1	-4.7	1.5	11136968	-5.3	
23	991	1432.9	-2.9	-1.2	-0.9	-3.5	0.8	11317568	-5	
23	990.7	1432.9	-3.2	-1.6	-0.4	-3.2	0.2	11317568	-4.4	
23	990.4	1432.9	-2.5	-0.7	0	-2.4	-0.2	11256721	-3.9	
23	990.1	1433.1	-2.7	-1.3	0.5	-2.1	-0.5	11078042	-3.4	
23	989.8	1433.4	-2.7	-1.1	0.9	-1.4	-0.5	10904948	-2.9	
23	989.5	1433.4	-2.8	-1	1	-0.9	-0.5	10848446	-2.4	
23	989.2	1433.7	-3	-0.8	1.2	-0.2	-0.3	10904948	-1.8	
23	988.9	1433.7	-2.6	-0.6	1.1	0.6	-0.2	11136968	-1.4	
23	988.6	1433.7	-3.9	-1.4	0.9	0.1	0.1	11696928	-0.8	
23	988.3	1433.4	-4.2	-1.5	0.3	0.7	0.4	12766768	-0.4	
23	988	1433	-4.6	-2.2	-0.4	0.3	0.7	14539931	-0.2	
23	987.7	1432.6	-4.9	-2.9	-1.1	0.4	1	17447917	-0.1	
23	987.4	1432.5	-5.4	-3.4	-1.6	-0.2	1.3		-0.2	
23	987.1	1432.4	-5.9	-3.7	-1.5	-0.5	1.2		-0.1	
23	986.8	1432.4	-6.4	-4.3	-1.4	-0.8	1.1		-0.1	
23	986.5	1432.5	-6	-3.9	-1	-0.8	1		-0.2	
23	986.2	1432.5	-6.7	-4.4	-0.5	-0.7	0.7		-0.2	
23	985.9	1432.5	-7.3	-4.7	-0.1	-1	0.4		-0.3	
23	985.6	1432.4	-7.8	-4.8	0.3	-1.3	0.1		-0.3	
23	985.3	1432.3	-8	-4.8	0.5	-1.4	-0.3		-0.3	
23	985	1432.2	-8	-4.5	0.6	-1.4	-0.6	19940476	-0.5	
23	984.7	1432.1	-8.3	-4.4	0.5	-1.4	-0.8	15509259	-0.6	
23	984.4	1431.7	-8.3	-3.8	0	-1.4	-0.9	12689394	-0.8	
23	984.1	1431.2	-8.1	-2.7	-0.3	-1.8	-1.1	10904948	-1	
23	983.8	1430.8	-8.4	-2.1	-0.8	-2.1	-1.1	10066106	-1.2	
23	983.5	1430.9	-8.9	-2.5	-0.9	-2.3	-0.9	9876179	-1.3	
23	983.2	1431.1	-9	-2.5	-0.9	-2.3	-0.8	10263481	-1.4	
23	982.9	1431.6	-9	-3	-0.5	-2.5	-0.6	11078042	-1.6	
23	982.6	1432	-8.8	-2.8	-0.2	-2.7	-0.5	12316177	-1.7	
23	982.3	1432.4	-9.1	-2.5	0.2	-3	-0.5	14052014	-1.8	
23	982	1432.7	-9	-1.7	0.8	-3.1	-0.5	16486221	-1.9	
23	981.7	1432.7	-8.6	-1.7	1.1	-3.2	-0.5	19752359	-2.1	
23	981.4	1432.8	-8.3	-1.8	1.5	-2.9	-0.5		-2.2	
23	981.1	1432.9	-8.5	-3.4	1.8	-3.4	-0.5		-2.5	
23	980.8	1433.1	-8.3	-3.4	2	-2.9	-0.5		-2.7	
23	980.5	1433.1	-8.1	-3.6	1.8	-3.2	-0.5		-2.8	
23	980.2	1433.3	-7.7	-4.3	1.6	-3	-0.3		-3	
23	979.9	1433.3	-7.5	-4.4	1.2	-3.2	-0.2		-3.3	
23	979.6	1433.2	-7.3	-4.4	0.7	-3.4	-0.1		-3.6	
23	979.3	1433	-7	-4.3	0.4	-3.7	0	19386574	-3.9	
23	979	1432.8	-6.9	-4	0	-4.1	0	17594538	-4	
23	978.7	1432.4	-6.4	-3.1	-0.4	-3.8	-0.2	16357422	-4	
23	978.4	1432.1	-7.2	-4.3	-0.9	-4.1	-0.3	15625000	-3.4	
23	978.1	1432	-6.4	-3.2	-1	-3.6	-0.4	15282847	-3	
23	977.8	1432	-6.5	-4	-1.1	-3.4	-0.5	15282847	-2.3	
23	977.5	1432.2	-6.2	-3.5	-1	-2.8	-0.5	15625000	-1.7	
23	977.2	1432.4	-5.9	-3.2	-0.7	-1.8	-0.5	16486221	-0.9	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
23	976.9	1432.4	-5.8	-3	-0.4	-1	-0.5	17303719	0	
23	976.6	1432.9	-5.3	-2.3	-0.1	0.2	0	18366228	0.7	
23	976.3	1433.1	-4.6	-2	-0.1	2.2	0.4	19752359	1.2	
23	976	1433.4	-4.6	-0.7	-0.1	1.3	0.9		1.3	
23	975.7	1433.7	-3.5	0.7	-0.1	2.3	1.3		1	
23	975.4	1433.9	-3.2	1.4	-0.3	1.6	1.6		0.2	
23	975.1	1434	-2.7	2.2	-0.5	1.3	1.7		-0.5	
23	974.8	1433.9	-2.7	2.7	-0.8	1.1	1.7	18694197	-1.2	
23	974.5	1433.6	-2.7	3.2	-1.1	0	1.6	16617064	-1.9	
23	974.2	1433.3	-2.6	3.8	-1.6	-0.5	1.5	14641608	-2.2	
23	973.9	1433.2	-4.8	1.2	-1.4	-4	1.1	12689394	-3.1	
23	973.6	1433.1	-2.1	4.6	-1.4	-2.1	0.8	10962042	-3.7	
23	973.3	1433.1	-3.2	4.1	-1.2	-3.3	0.5	9693287	-3.8	
23	973	1433.2	-2.7	5.1	-1.1	-3.1	0.4	8687760	-3.8	
23	972.7	1433.3	-2.8	5.2	-1.1	-2.8	0.4	7900944	-3.3	
23	972.4	1433.6	-4	4	-0.6	-4.4	0.4	7244810	-3.1	
23	972.1	1433.7	-3.3	5	-0.1	-3.4	0.3	6732315	-3	
23	971.8	1433.9	-3.3	5	0.1	-2.8	0.3	6325529	-2.8	
23	971.5	1434	-3.3	4.8	0.5	-2.2	0.2	6051301	-2.8	
23	971.2	1433.9	-2.8	5.6	0.3	-1.9	0.3	5848464	-2.5	
23	970.9	1433.9	-3.9	5	0.4	-2.9	0.3	5705041	-2.2	
23	970.6	1433.9	-3.5	5.5	0.4	-1.8	0.4	5583334	-1.9	
23	970.3	1433.9	-3.8	5.2	0.3	-2.2	0.4	5539021	-1.8	
23	970	1433.8	-2.6	6.2	0.1	-0.7	0.3	5598262	-1.7	
23	969.7	1433.5	-3.2	5.9	-0.4	-0.7	0.4	5705041	-1.2	
23	969.4	1433.7	-3.9	5.1	-0.4	-1.6	0.7	5864846	-1.1	
23	969.1	1433.5	-2.9	5.7	-0.7	0.2	0.8	5999284	-1.1	
23	968.8	1433.5	-4.8	3.5	-0.6	-2.5	0.7	6033862	-1.3	
23	968.5	1433.3	-3.1	5.4	-0.8	-0.7	0.7	5948154	-1.5	
23	968.2	1433.1	-4.4	3.9	-1.1	-1.8	0.7	5832173	-1.5	
23	967.9	1433.2	-3.9	4.2	-1	-1.5	0.7	5689538	-1.7	
23	967.6	1433.2	-3.2	4.5	-1	-0.9	0.7	5495407	-1.6	
23	967.3	1433.2	-4	3.5	-0.9	-1.7	0.6	5287248	-1.6	
23	967	1432.9	-3.6	3.7	-1.2	-0.6	0.6	5069613	-1.2	
23	966.7	1432.8	-5.1	1.9	-1.1	-2.2	0.4	4880536	-1	
23	966.4	1432.9	-4.3	2.6	-0.8	-0.8	0.2	4813219	-0.9	
23	966.1	1432.9	-3.8	2.6	-0.7	-0.9	0.1	4846644	-0.8	
23	965.8	1433	-4.7	2.5	-0.5	-0.6	0	4985119	-0.6	
23	965.5	1433	-4.3	2.1	-0.7	-0.8	0.1	5208334	-0.4	
23	965.2	1433.3	-5.2	1.3	-0.7	-1.4	0.3	5509869	-0.3	
23	964.9	1433.4	-4.5	1.7	-0.7	-1	0.4	5864846	-0.3	
23	964.6	1433.3	-4.4	1.5	-0.8	-0.5	0.6	6250000	-0.4	
23	964.3	1433.5	-4.8	1	-0.6	-0.7	0.8	6604890	-0.5	
23	964	1433.6	-3.9	1.4	-0.7	0	1.1	6932947	-0.6	
23	963.7	1433.8	-4.2	0.4	-0.9	-1.5	1.5	7097458	-0.6	
23	963.4	1433.9	-5	-0.4	-0.7	-2	1.6	7073480	-0.7	
23	963.1	1434	-3.9	-0.4	-0.7	-1.5	1.7	6864754	-0.9	
23	962.8	1434.1	-4.9	-1.7	-0.8	-1.3	1.8	6584120	-1.1	
23	962.5	1434.2	-3.6	-0.9	-0.5	-1.8	1.9	6287538	-1.4	
23	962.2	1434	-5	-2.3	-0.4	-3.3	1.7	6016523	-1.7	
23	961.9	1433.9	-4.1	-1.4	-0.3	-2.9	1.5	5752061	-2.3	
23	961.6	1433.5	-4.8	-2.2	-0.3	-4.8	1	5509869	-2.8	
23	961.3	1433.4	-2.8	2	-0.3	-3.1	0.7	5273930	-3.4	
23	961	1433.1	-2.6	-0.5	-0.6	-2.3	0.4	5094283	-3.8	
23	960.7	1433	-2.3	0.9	-0.6	-2.7	0.3	4973278	-4	
23	960.4	1432.8	-4.3	-1.6	-0.5	-5	-0.2	4903396	-4.3	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
23	960.1	1432.3	-1.8	1	-0.8	-3.5	-0.7	4880536	-4.4	
23	959.8	1432.1	-2.3	1.7	-0.9	-2.9	-0.9	4880536	-4.1	
23	959.5	1431.9	-2.2	1.1	-0.8	-3	-1.1	4926471	-3.6	
23	959.2	1432	-1.7	1.6	-0.7	-1.6	-0.8	5033053	-2.9	
23	958.9	1432.3	-1.9	1.4	-0.7	-1.8	-0.2	5157020	-2.2	
23	958.6	1432.6	-3.2	-0.4	-0.5	-2.5	0.3	5287248	-1.1	
23	958.3	1432.7	-3.2	0.7	-0.2	-1.5	0.4	5424223	-0.6	
23	958	1432.9	-2.3	1.2	0.1	-0.2	0.5	5568484	-0.6	
23	957.7	1433.3	-1.7	2.1	0.5	-0.3	0.8	5658784	-0.6	
23	957.4	1433.7	-1.9	0.7	0.9	-0.8	1	5705041	-1.1	
23	957.1	1433.8	-1.6	1.6	0.9	-0.7	1.2	5689538	-1.7	
23	956.8	1433.5	-1.1	2.8	0.6	-1.5	1.1	5643531	-2.2	
23	956.5	1432.9	-1.8	1.1	0.4	-2.5	0.6	5539021	-2.6	
23	956.2	1432.5	-1	3.8	0.3	-1.3	0.1	5368590	-2.8	
23	955.9	1432.1	-2.4	0.7	0.1	-2.5	-0.3	5169753	-3.2	
23	955.6	1431.9	-1.2	3.2	-0.1	-2	-0.5	4961493	-3.4	
23	955.3	1431.8	-2.3	1.6	-0.4	-3.4	-0.6	4769363	-3.3	
23	955	1431.5	-2	1.2	-1	-2.9	-0.6	4621965	-3	
23	954.7	1431.4	-3	1	-1.1	-3.8	-0.5	4522139	-2.9	
23	954.4	1431.6	-2	1.6	-1.1	-2.6	-0.2	4502689	-2.8	
23	954.1	1431.6	-1.8	3.3	-1	-2	0	4541757	-2.7	
23	953.8	1431.6	-1.8	2.5	-1.2	-1.8	0.4	4642462	-2.3	
23	953.5	1431.9	-3	0.8	-1.2	-1.7	0.9	4824309	-2	
23	953.2	1432.1	-2.8	1.9	-1.5	-2.3	1.4	5045181	-2	
23	952.9	1432.4	-2.6	1.7	-1.5	-1.6	1.7	5327608	-1.9	
23	952.6	1432.5	-2.3	2.9	-1.6	-1.2	1.9	5658784	-1.8	
23	952.3	1432.3	-2.6	1.9	-1.8	-0.9	1.9	6033862	-1.4	
23	952	1432.3	-3.2	1.2	-1.8	-1.7	1.9	6344697	-1.1	
23	951.7	1432.2	-3.2	1.6	-1.7	-1.1	1.9	6563480	-0.8	
23	951.4	1432.3	-3.5	0.4	-1.5	-1.4	1.9	6604890	-0.5	
23	951.1	1432.3	-4.2	0	-1.4	-1.1	1.7	6522586	-0.3	
23	950.8	1432.5	-3.9	1.1	-0.7	-1	1.3	6363982	-0.1	
23	950.5	1432.6	-3.6	0.3	-0.4	-0.2	1	6194527	0.3	
23	950.2	1432.8	-3.7	1.2	0.1	-1.5	0.6	5931303	0.5	
23	949.9	1433	-3.2	0.4	0.8	0	0.3	5613271	0.7	
23	949.6	1432.8	-3.3	1.7	0.9	0	0	5300633	0.7	
23	949.3	1432.5	-3.9	0.2	0.9	-0.7	-0.2	5033053	0.7	
23	949	1432.2	-3.4	1.4	0.4	0	-0.2	4846644	0.7	
23	948.7	1432	-3.8	-1	0.1	-0.3	-0.3	4747733	0.5	
23	948.4	1431.7	-3.2	-0.6	-0.5	0.4	-0.3	4694507	0.3	
23	948.1	1431.6	-3.6	-1.3	-0.9	-0.9	-0.3	4642462	-0.2	
23	947.8	1431.6	-1.2	3.1	-1.4	0.4	0.1	4621965	-0.6	
23	947.5	1431.5	-2.4	-0.6	-1.8	-1.1	0.4	4621965	-1.1	
23	947.2	1431.6	-2	0.3	-1.8	-1.1	0.7	4632191	-1.8	
23	946.9	1431.5	-1.8	0.4	-1.9	-0.4	0.9	4663141	-2.4	
23	946.6	1431.7	-1.8	-0.1	-1.6	-2.4	1.1	4673549	-3.2	
23	946.3	1432	-1.8	0.1	-1.6	-2.3	1.4	4611784	-3.6	
23	946	1432.4	-2.6	0.6	-1.1	-3.7	1.6	4483405	-3.9	
23	945.7	1432.9	-2.2	1	-0.5	-3.2	1.7	4361980	-4.4	
23	945.4	1433	-0.8	1.5	-0.2	-3.3	1.8	4221271	-4.8	
23	945.1	1432.8	-1.6	0.1	-0.1	-3.5	1.7	4089356	-5	
23	944.8	1432.6	-2.1	-0.2	0.1	-4	1.4	3988096	-4.9	
23	944.5	1432.4	-3.7	-2.1	0.7	-5.8	0.8	3906250	-4.9	
23	944.2	1432.3	-1.8	-0.7	0.8	-3.6	0.4	3863008	-4.9	
23	943.9	1432.4	-2.4	-0.6	0.9	-3.6	0.1	3855894	-4.7	
23	943.6	1432.1	-2.4	-1.4	0.5	-3.2	-0.2	3898976	-4.2	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
23	943.3	1431.8	-3.2	-0.8	-0.1	-2.8	-0.3	3972961	-3.6	
23	943	1431.3	-3.3	-2.1	-0.5	-3.9	-0.5	4105393	-3.3	
23	942.7	1430.8	-3.8	-1.5	-1	-3.6	-0.5	4272960	-3	
23	942.4	1430.5	-4	-2	-1.3	-2.7	-0.4	4464286	-2.6	
23	942.1	1430.4	-3.7	-0.7	-1.7	-1.4	0	4652778	-1.9	
23	941.8	1430.5	-4.4	-2.4	-1.9	-1.6	0.4	4813219	-1.2	
23	941.5	1430.9	-5.2	-3.4	-2	-2.6	0.8	4914906	-0.6	
23	941.2	1431.1	-4.1	-2.3	-2	-0.8	1.1	4938090	0.1	
23	940.9	1431.5	-5.8	-2.8	-1.6	-1.4	1.2	4891940	0.6	
23	940.6	1431.6	-4.5	-1.7	-1.4	0.2	1.2	4780251	1.2	
23	940.3	1431.7	-4.9	-2.3	-1.1	1.7	1.3	4673549	1.9	
23	940	1431.7	-5.6	-3.3	-1	0.7	1.3	4561547	2.1	
23	939.7	1431.7	-4.6	-2	-1	1.8	1.3	4473825	2.1	
23	939.4	1431.7	-6.1	-2.9	-0.8	0	1	4407895	1.7	
23	939.1	1431.8	-4.1	-0.9	-0.7	2.1	0.8	4380230	1.3	
23	938.8	1431.9	-4.1	-0.6	-0.7	1.5	0.7	4435911	0.9	
23	938.5	1432	-4.3	-0.1	-0.8	1.2	0.8	4541757	0.4	
23	938.2	1432.2	-3.7	0.2	-0.4	1	0.9	4684005	-0.3	
23	937.9	1432.3	-5.5	-1.9	-0.4	-1.4	0.7	4835451	-1	
23	937.6	1432.3	-4.5	-0.8	-0.6	-0.3	0.8	5008972	-1.6	
23	937.3	1432.5	-4.9	-1.7	-0.5	-2.3	0.9	5195410	-1.9	
23	937	1432.5	-4.4	-1.1	-0.4	-1.9	0.9	5354860	-2.4	
23	936.7	1432.5	-4.6	-0.7	-0.3	-2.9	1	5424223	-2.7	
23	936.4	1432.7	-5.2	-1.8	-0.3	-3.7	1.2	5354860	-2.9	
23	936.1	1432.6	-4.3	-0.5	-0.6	-3	1.4	5208334	-3	
23	935.8	1431.9	-5.5	-2.3	-0.9	-6.1	1	5020984	-3.3	
23	935.5	1432.3	-5.3	-1.7	-0.6	-3.6	1.1	4813219	-3.3	
23	935.2	1432.5	-5.9	-4.7	-0.4	-5.5	1	4632191	-3.5	
23	934.9	1432.4	-4.4	-2	-0.2	-4.5	0.7	4473825	-3.7	
23	934.6	1432.2	-3.7	-1.7	-0.4	-3.8	0.6	4317011	-3.7	
23	934.3	1431.9	-4.6	-2.8	-0.7	-4.2	0.4	4162525	-3.4	
23	934	1431.7	-4.7	-2.9	-1	-3.9	0.1	4034201	-3.4	
23	933.7	1431.6	-4.2	-2.4	-1	-4.1	-0.2	3935621	-3.6	
23	933.4	1431.4	-1.7	0.9	-1	-1	-0.1	3863008	-3.5	
23	933.1	1431.3	-4.5	-2.3	-1.2	-3.1	-0.3	3813753	-3.4	
23	932.8	1431.5	-3.3	-2.5	-1	-1.6	-0.3	3772523	-3.1	
23	932.5	1431.4	-2.2	-0.6	-1.1	-1.3	-0.2	3752241	-2.6	
23	932.2	1431.6	-2.7	-0.6	-0.9	-1.2	0	3745528	-1.9	
23	931.9	1431.9	-3	0.7	-0.7	-0.7	0.4	3772523	-1.2	
23	931.6	1432.4	-3.1	-1.3	-0.5	0.2	1	3834707	-0.5	
23	931.3	1432.9	-3.1	-0.7	-0.4	1.2	1.7	3913552	0.3	
23	931	1433.1	-2.9	-0.5	-0.3	0.2	2.1	4003346	0.8	
23	930.7	1433.4	-4.3	-1.1	-0.1	0.3	2.3	4089356	0.8	
23	930.4	1433.2	-3.7	-0.4	0	-0.2	2	4154266	0.2	
23	930.1	1433.1	-2.7	1.1	0.2	-0.1	1.7	4221271	-0.3	
23	929.8	1432.8	-3.1	0.9	0.4	-0.9	1.2	4272960	-1	
23	929.5	1432.5	-2.3	1.4	0.5	-0.3	0.7	4308128	-1.7	
23	929.2	1432.2	-2.9	1.5	0.4	-1.7	0.1	4299282	-2.4	
23	928.9	1431.6	-3.7	1.5	0.2	-3.3	-0.8	4246958	-2.9	
23	928.6	1431.2	-2.8	1.3	0.1	-2.5	-1.4	4170817	-3.2	
23	928.3	1431.1	-3.2	2.6	-0.3	-1.7	-1.7	4097359	-3.4	
23	928	1431	-3.3	1.2	-0.5	-2.8	-1.7	4034201	-3.3	
23	927.7	1430.9	-3.6	1.3	-1.1	-2.9	-1.4	3957940	-3.1	
23	927.4	1430.7	-3.7	1.9	-1.5	-3.1	-1.1	3898976	-2.9	
23	927.1	1430.7	-4.4	0.2	-2	-3.7	-0.5	3870148	-2.3	
23	926.8	1431.1	-4.1	2	-2.4	-1.9	0.4	3863008	-1.7	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
23	926.5	1431.5	-3.5	0.6	-2.8	-1	1.6	3884509	-1.2	
23	926.2	1432	-4	0.1	-2.8	-1.8	2.5	3957940	-0.8	
23	925.9	1432.7	-5.5	-1.2	-2.6	-3	3.1	4073444	-0.8	
23	925.6	1433.3	-3.9	-0.2	-2.4	-2	3.5	4179142	-0.9	
23	925.3	1433.8	-4.9	0.6	-1.8	-3.1	3.5	4299282	-1.1	
23	925	1433.9	-3.9	0.6	-1.5	-1.8	3.3	4407895	-1.3	
23	924.7	1434	-3.6	1.3	-1.3	-1.8	3.1	4473825	-1.3	
23	924.4	1433.9	-4.9	-0.5	-1.2	-3.1	2.6	4512393	-1.7	
23	924.1	1433.7	-3.6	1	-1.1	-2.9	2	4512393	-2.1	
23	923.8	1433.4	-3.1	2.1	-1.2	-2.6	1.4	4454788	-2.2	
23	923.5	1433.3	-3.5	0.8	-1.3	-1.8	0.8	4361980	-2.3	
23	923.2	1433.3	-2.4	3.1	-1.3	-1.8	0.4	4264257	-2.4	
23	922.9	1433.3	-2.2	3.1	-1.3	-1.4	0.1	4146040	-2.3	
23	922.6	1433.4	-3.1	2.8	-1	-2.4	-0.2	4026443	-2.5	
23	922.3	1433.7	-1.8	2.6	-0.7	-1.8	-0.3	3920881	-2.6	
23	922	1434	-2.9	0.8	-0.2	-2.2	-0.4	3834707	-2.6	
23	921.7	1434.2	-2	2.6	0.2	-1.6	-0.5	3765738	-2.6	
23	921.4	1434.5	-1.4	3.3	0.6	-1.9	-0.3	3725534	-2.4	
23	921.1	1434.9	-2.5	1.7	1.1	-2.6	-0.1	3725534	-2.3	
23	920.8	1435.1	-2.1	-0.4	1.1	-2.6	0.1	3738840	-2.2	
23	920.5	1435.2	-1.4	3.1	1.1	-1.8	0.4	3779333	-2	
23	920.2	1435.2	-2.5	0.8	1	-2.2	0.5	3799910	-1.8	
23	919.9	1435.4	-1.6	0.6	0.9	-1.8	0.7	3820712	-1.5	
23	919.6	1435.3	-1.8	0.9	0.4	-0.9	0.9	3820712	-1.1	
23	919.3	1435.3	-2.3	0.7	0.1	-2	1.1	3806819	-1	
23	919	1435	-0.8	2.3	-0.5	-1.1	1.4	3772523	-1	
23	918.7	1434.6	-0.9	2.2	-1.1	-0.5	1.6	3692681	-1.1	
23	918.4	1434.4	-1.1	1.8	-1.3	-1.3	1.7	3585189	-1.1	
23	918.1	1434	-0.9	3.4	-1.7	-1.2	1.7	3477990	-1.1	
23	917.8	1434	-1.1	2.6	-1.7	-0.7	1.7	3377017	-1.1	
23	917.5	1434	-0.8	1.9	-1.6	-1.6	1.6	3297245	-1.2	
23	917.2	1434	-1	2.1	-1.3	-1.5	1.3	3236090	-1.4	
23	916.9	1434	-0.6	1.7	-1.1	-1.3	1	3206356	-1.9	
23	916.6	1433.7	0.1	3	-1	-1.3	0.7	3221154	-1.9	
23	916.3	1433.3	-0.4	3.3	-0.9	-1.7	0.2	3307662	-2.1	
23	916	1432.9	0.4	3.2	-0.8	-1.2	-0.1	3455033	-2.2	
23	915.7	1432.7	-0.3	2.9	-0.7	-1.8	-0.3	3660403	-2.2	
23	915.4	1432.7	-0.4	2.9	-0.7	-1.5	-0.3	3913552	-2.4	
23	915.1	1432.6	0.7	4.3	-1	-1.2	-0.2	4204318	-2.6	
23	914.8	1432.7	0	3.7	-1	-1.2	0	4522139	-2.5	
23	914.5	1432.9	0	4.4	-0.9	-1.7	0.2	4869186	-2.5	
23	914.2	1433	-0.1	4	-0.8	-2.1	0.4	5208334	-2.4	
23	913.9	1433.4	-0.7	2.8	-0.4	-1.9	0.7	5466710	-2.4	
23	913.6	1433.3	0	4	-0.3	-1.8	0.8	5613271	-2.3	
23	913.3	1433.4	-0.5	5	-0.1	-1.9	1	5628360	-2.3	
23	913	1433.5	-1.5	2.4	0.2	-2.7	1.1	5568484	-2.5	
23	912.7	1433.6	-0.6	4.3	0.4	-3.1	1.2	5438312	-2.6	
23	912.4	1433.5	-1.6	2.3	0.3	-3.1	1.2	5273930	-2.4	
23	912.1	1433.2	-0.9	2.7	-0.2	-3	1.2	5094283	-2.1	
23	911.8	1433.1	-0.9	4	-0.6	-2.4	1.4	4926471	-1.6	
23	911.5	1432.9	-2	1.6	-1.2	-2.6	1.6	4758523	-1.2	
23	911.2	1432.6	-1.5	1.6	-1.7	-2.4	1.7	4621965	-0.8	
23	910.9	1432.3	-1.5	2	-2.4	-1.7	1.9	4522139	-0.3	
23	910.6	1431.7	-2.1	0.3	-2.9	-1.4	1.7	4445329	0.3	
23	910.3	1431.4	-0.8	1.4	-3.3	-0.3	1.7	4398635	0.8	
23	910	1431.3	-1.8	1.3	-3.3	-0.5	1.4	4361980	0.7	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
23	909.7	1431.5	0	1.8	-2.9	1.2	1.2	4334886	0.6	
23	909.4	1431.5	-0.1	2.8	-2.4	0.4	0.9	4317011	0	
23	909.1	1431.6	-0.5	1.5	-2	0.6	0.6	4308128	-0.9	
23	908.8	1431.9	0.2	1.6	-1.2	0.5	0.4	4325930	-1.6	
23	908.5	1432.1	0.4	2.9	-0.8	0.1	0.3	4371086	-2.2	
23	908.2	1432.3	0.8	2.9	0	-0.2	0.1	4435911	-2.8	
23	907.9	1432.5	1.2	2.6	0.3	-1.3	0.1	4531927	-3.2	
23	907.6	1432.8	0.4	2.9	0.8	-1.2	0.1	4652778	-3.2	
23	907.3	1433.1	-0.2	1.4	1.1	-3.2	0.1	4791190	-3	
23	907	1433	-0.1	1.7	1.1	-2	0.1	4926471	-2.4	
23	906.7	1433.1	-2	0.3	1.2	-4	0.1	5057367	-1.9	
23	906.4	1432.9	-2.3	-1.5	1.1	-4.3	-0.1	5169753	-1.5	
23	906.1	1432.9	-2.2	-1.3	1.1	-3.4	-0.2	5221322	-1.3	
23	905.8	1432.7	-1.5	-0.4	0.8	-3.2	-0.3	5221322	-1.4	
23	905.5	1432.7	-0.6	0.3	0.6	-2.5	-0.2	5169753	-1.6	
23	905.2	1432.5	-1.3	-0.2	0.1	-3.4	-0.2	5094283	-1.9	
23	904.9	1432.2	0	0.8	-0.3	-1.8	-0.2	5008972	-2	
23	904.6	1432.1	-1	0	-0.5	-3	-0.2	4938090	-2.4	
23	904.3	1431.9	0.8	1.4	-0.7	-0.9	-0.2	4891940	-2.8	
23	904	1431.9	0.8	0.7	-0.9	-0.8	0.1	4880536	-3	
23	903.7	1432	-0.7	-0.3	-1.1	-2.4	0.4	4914906	-3.2	
23	903.4	1432.2	-0.1	-0.5	-1.1	-2.4	0.7	4997017	-3.2	
23	903.1	1432.1	-0.5	-0.2	-1.3	-2.8	0.8	5131741	-3	
23	902.8	1432.4	0.1	0.5	-1.1	-1.3	1	5314087	-2.6	
23	902.5	1432.4	-0.2	-0.9	-0.9	-1.7	1	5553714	-2.2	
23	902.2	1432.6	-0.6	-0.6	-0.9	-1.6	1.1	5799862	-1.9	
23	901.9	1432.5	-0.2	-0.2	-0.8	-1.5	1	6051301	-1.6	
23	901.6	1432.5	-0.5	-0.4	-0.8	-1.8	1	6306476	-1.3	
23	901.3	1432.6	-0.8	-0.1	-0.8	-0.8	1	6563480	-1	
23	901	1432.5	-0.3	-0.3	-1	-0.4	0.9	6775890	-0.8	
23	900.7	1432.5	-0.7	-0.2	-0.7	-0.7	0.9	6979167	-0.4	
23	900.4	1432.5	-1.1	0.4	-0.8	-0.8	0.9	7049664	-0.2	
23	900.1	1432.5	-1.3	-0.7	-0.7	-1	0.9	7073480	-0.1	
23	899.8	1432.6	-0.7	0.9	-0.8	-0.1	1	7002509	0.1	
23	899.5	1432.8	-1.3	-0.4	-0.6	-0.7	1.1	6864754	0.1	
23	899.2	1432.8	-0.7	0.2	-0.7	-0.5	1.2	6689297	0.1	
23	898.9	1432.8	-1.2	0.8	-0.7	-0.9	1.2	6482198	0.1	
23	898.6	1432.9	-1.2	0.3	-0.5	-1.3	1.1	6287538	-0.2	
23	898.3	1432.6	-0.2	1.3	-0.8	-0.8	1	6140030	-0.4	
23	898	1432.4	-1.1	1	-0.8	-1	0.7	6016523	-0.7	
23	897.7	1432.3	-0.6	0.2	-0.9	-1.4	0.5	5931303	-1	
23	897.4	1432.1	-0.3	1.5	-1.1	-1.7	0.3	5881320	-1.3	
23	897.1	1432	-0.7	-0.7	-1.3	-1.8	0.1	5848464	-1.6	
23	896.8	1432	0.2	0.3	-1.1	-1.5	-0.1	5815972	-2.1	
23	896.5	1432.1	0.4	0.9	-1	-1.4	-0.2	5767907	-2.5	
23	896.2	1432.2	0.1	-0.1	-1.1	-1.7	-0.2	5689538	-2.8	
23	895.9	1432.2	1.2	0.8	-0.9	-1.7	-0.1	5583334	-3	
23	895.6	1432.5	-0.4	-1.2	-0.5	-3.2	0.1	5438312	-3.3	
23	895.3	1432.9	0.8	-0.4	-0.1	-2.6	0.3	5300633	-3.8	
23	895	1433.2	0.9	0.5	0.4	-2.6	0.5	5144349	-4.2	
23	894.7	1433.5	0.4	0.6	0.6	-3	0.6	4997017	-4.6	
23	894.4	1433.6	-0.1	0	0.6	-4.2	0.6	4857889	-4.6	
23	894.1	1433.8	-0.2	1.8	0.7	-3.8	0.5	4726298	-4.2	
23	893.8	1434	-0.8	1.5	0.6	-4	0.4	4642462	-3.8	
23	893.5	1433.7	0	2.2	0.4	-3.5	0.1	4591557	-3.3	
23	893.2	1433.4	0.2	1.7	0.1	-1.4	-0.1	4581510	-2.5	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
23	892.9	1433	-0.3	0.3	-0.4	-1.7	-0.3	4581510	-1.5	
23	892.6	1432.5	-1.1	0.2	-0.9	-1	-0.5	4601649	0	
23	892.3	1432.6	-1.6	-1.6	-1	-0.6	-0.4	4632191	1	
23	892	1432.7	-1.2	-0.2	-0.9	0.7	-0.3	4684005	1.6	
23	891.7	1433.1	-1.5	-2.3	-0.8	0.9	0	4747733	1.7	
23	891.4	1433.8	-1.3	-2.1	-0.3	1	0.3	4813219	1.4	
23	891.1	1434.2	-0.9	-0.2	0	0.7	0.7	4891940	1.1	
23	890.8	1434.4	-1.5	-1.4	0.2	0	1	4961493	0.7	
23	890.5	1434.6	-1	-0.5	0.2	-0.3	1.4	5033053	0.1	
23	890.2	1434.6	-1.1	-1.2	0.4	-1.3	1.6	5106708	-0.7	
23	889.9	1434.5	-0.3	-0.1	0.1	-0.3	1.7	5169753	-1.5	
23	889.6	1434.3	-0.5	0.1	-0.1	-1.6	1.8	5234375	-2	
23	889.3	1434	-1.2	-1	-0.4	-2.8	1.7	5300633	-2.4	
23	889	1433.7	-0.9	-0.4	-0.9	-2.7	1.6	5368590	-2.6	
23	888.7	1433.3	-1	-0.2	-1.3	-2.4	1.4	5438312	-2.5	
23	888.4	1433.1	-1.8	-1.5	-1.4	-3.4	1.1	5495407	-2.6	
23	888.1	1432.9	-0.8	-0.1	-1.5	-2.6	0.8	5553714	-2.7	
23	887.8	1432.7	0.1	1.2	-1.7	-1.9	0.6	5583334	-2.6	
23	887.5	1432.7	-1.3	0	-1.5	-3.7	0.4	5598262	-2.5	
23	887.2	1432.5	-0.6	0.1	-1.5	-2.4	0.3	5583334	-2.5	
23	886.9	1432.2	-0.1	1.2	-1.5	-1.9	0.3	5539021	-2.4	
23	886.6	1432.2	-0.3	0.4	-1.4	-1.8	0.4	5466710	-2.2	
23	886.3	1432.2	-1.3	-0.1	-1.2	-2.3	0.4	5410207	-2.1	
23	886	1432.4	-0.5	0.7	-1.2	-1.7	0.5	5341199	-2	
23	885.7	1432.7	-0.8	-0.6	-1.1	-2.3	0.7	5287248	-1.9	
23	885.4	1433	-0.1	1	-1	-2.2	0.8	5247494	-1.9	
23	885.1	1433.2	0	0.6	-1	-1.3	1	5234375	-1.8	
23	884.8	1433.1	-0.8	-0.5	-1.2	-2.4	1	5208334	-1.8	
23	884.5	1432.9	-0.1	0.6	-1.3	-1.9	1	5157020	-1.7	
23	884.2	1432.8	-0.4	-0.6	-1.3	-2.2	1	5069613	-1.6	
23	883.9	1432.8	-1.2	-1.6	-1.2	-2.8	0.9	4949764	-1.8	
23	883.6	1433.1	0.2	0.1	-1	-1.6	0.9	4813219	-2	
23	883.3	1433.3	0.1	-1.1	-0.6	-2	0.8	4663141	-2.1	
23	883	1433.6	0.4	0.8	-0.4	-2	0.8	4512393	-2.2	
23	882.7	1433.8	0.4	-0.4	-0.1	-2.1	0.8	4352911	-2.2	
23	882.4	1434.1	0.2	-0.7	0.5	-1.8	0.7	4195892	-2.3	
23	882.1	1434.2	0.3	-0.1	0.8	-2.2	0.6	4065534	-2.4	
23	881.8	1434	0.8	0.9	0.8	-1.6	0.4	3957940	-2.6	
23	881.5	1434	0.8	1	0.8	-1.1	0.4	3877315	-2.6	
23	881.2	1433.9	0.1	0.9	0.7	-2.5	0.3	3806819	-2.6	
23	880.9	1433.5	0.8	0.8	0.1	-1.5	0.3	3745528	-2.6	
23	880.6	1433.3	0.6	0.4	-0.2	-2.1	0.3	3686180	-2.6	
23	880.3	1433	0.6	0.9	-0.6	-1.6	0.3	3634983	-2.4	
23	880	1432.8	0.2	1.3	-1	-2.2	0.4	3597509	-2.2	
23	879.7	1432.8	0.2	1.8	-1.2	-1.4	0.5	3566866	-2	
23	879.4	1432.9	0.1	1.3	-1	-2	0.6	3536740	-1.9	
23	879.1	1432.9	-0.1	1.4	-1.2	-2	0.7	3513004	-1.7	
23	878.8	1432.8	-0.2	1.1	-1.2	-1.5	0.7	3507119	-1.6	
23	878.5	1432.9	-0.7	0.2	-0.9	-2.7	0.7	3518908	-1.6	
23	878.2	1432.7	-0.2	1.3	-0.9	-1.7	0.6	3530776	-1.6	
23	877.9	1432.8	-0.8	0.2	-0.5	-2.3	0.5	3536740	-1.7	
23	877.6	1432.7	0.1	1.2	-0.2	-1.6	0.4	3536740	-1.9	
23	877.3	1432.7	-1.1	-0.8	-0.2	-2.8	0.4	3524832	-2.1	
23	877	1432.7	-0.4	0.1	-0.3	-2.2	0.4	3507119	-2.5	
23	876.7	1432.8	-0.4	0.8	-0.2	-2.5	0.4	3483777	-2.9	
23	876.4	1432.7	-0.6	0.3	-0.2	-3.1	0.2	3460744	-3.2	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
23	876.1	1432.7	0.1	1.1	-0.4	-2.5	0.3	3426760	-3.1	
23	875.8	1432.7	-0.8	1	-0.6	-3.4	0.3	3393436	-2.9	
23	875.5	1432.7	-0.9	-0.1	-0.9	-3	0.4	3371579	-2.6	
23	875.2	1432.3	-0.6	-0.7	-1.4	-3	0.4	3360755	-2.1	
23	874.9	1432.3	-0.9	0.4	-1.7	-1.9	0.7	3366158	-1.3	
23	874.6	1432.2	-1.4	-0.8	-2.1	-1.4	1	3371579	-0.2	
23	874.3	1432.3	-1.6	-1.5	-2.3	-0.8	1.3	3371579	0.7	
23	874	1432.5	-1.3	-1	-2.2	-0.8	1.5	3371579	1.2	
23	873.7	1432.8	-0.3	1	-2.1	0.3	1.6	3366158	1.5	
23	873.4	1433.3	-0.3	0.2	-1.5	0.8	1.5	3360755	1.5	
23	873.1	1433.6	-0.2	0.6	-1.3	1.4	1.4	3344649	1.4	
23	872.8	1433.8	0.6	0.7	-1	1.7	1.4	3323413	1.4	
23	872.5	1433.8	0.6	0.6	-1	2.1	1.3	3292060	1.3	
23	872.2	1433.9	0	0.8	-0.7	0.8	1.2	3256221	0.9	
23	871.9	1433.8	0.2	0.3	-0.8	0.8	1.1	3226118	0.3	
23	871.6	1433.8	2.1	2.5	-0.8	2.6	1.1	3196565	-0.4	
23	871.3	1433.8	1.8	3	-1	1	1.3	3167550	-1.1	
23	871	1434	1.6	1.4	-1.3	0.4	1.6	3139056	-1.7	
23	870.7	1434.2	0.6	0.5	-1.4	-1.2	1.9	3106455	-2.4	
23	870.4	1434.6	1.2	0.8	-1.5	-1.8	2.2	3079045	-3.2	
23	870.1	1434.7	0.6	0.2	-1.3	-3.3	2.2	3047672	-4.1	
23	869.8	1434.6	1.6	1.4	-1.5	-3	2.2	3021285	-5.1	
23	869.5	1434.7	1.1	0.8	-1.4	-2.9	2.3	2986805	-5.4	
23	869.2	1434.5	-0.5	-1.3	-1.4	-6	2.1	2948944	-5.3	
23	868.9	1434.2	-0.3	-1.1	-1.2	-5.9	1.7	2912031	-5.1	
23	868.6	1434	-0.7	-0.8	-0.8	-5.8	1.2	2868151	-5.1	
23	868.3	1433.9	-0.9	-1.7	-0.5	-4.6	0.9	2829392	-4.7	
23	868	1433.9	-0.9	-1.5	-0.1	-4.5	0.7	2791667	-4.4	
23	867.7	1433.8	-1.1	-1.7	0.1	-3.6	0.6	2754935	-4	
23	867.4	1433.8	-0.9	-1.1	0.4	-3.8	0.6	2719156	-3.4	
23	867.1	1433.9	-3.1	-3.3	0.5	-4.9	0.6	2684295	-2.5	
23	866.8	1433.8	-1.7	-1.8	0.2	-2.1	0.7	2650317	-1.8	
23	866.5	1433.5	-0.8	-0.7	-0.1	-0.9	0.8	2620464	-1	
23	866.2	1433.2	-1.7	-1.5	-0.6	-0.6	1	2591275	-0.1	
23	865.9	1432.8	-2.6	-1.9	-1.3	-0.8	1.1	2556472	0.8	
23	865.6	1432.1	-2.8	-2.6	-2.3	-0.1	1.1	2513506	1.8	
23	865.3	1431.5	-3.6	-2.8	-2.8	0	1	2469045	2.5	
23	865	1431.1	-2.6	-2.7	-3.2	0.8	0.9	2423322	2.5	
23	864.7	1431	-2.4	-1.3	-3.5	2.5	0.9	2390126	2.3	
23	864.4	1431.3	-2.2	-1.8	-3.1	1.5	1	2371178	1.7	
23	864.1	1431.4	-1.4	-1	-2.9	0.8	1	2360485	1.1	
23	863.8	1431.6	-1.7	-1.1	-2.6	0.3	1	2355175	0.3	
23	863.5	1432	-1.2	-1.3	-1.8	0.1	1	2352529	-0.6	
23	863.2	1432.6	-0.8	0	-1	-0.2	1.1	2357827	-1.4	
23	862.9	1432.9	-1.1	-0.2	-0.5	0.3	1.2	2368496	-2	
23	862.6	1433	-0.8	-0.2	-0.4	-1.6	1.4	2381969	-2.4	
23	862.3	1433.2	-2.2	-1.3	-0.1	-3.2	1.4	2395596	-2.8	
23	862	1433.1	-2.2	-0.8	-0.2	-3.8	1.2	2409379	-3.1	
23	861.7	1433.1	-1.4	0.2	0	-3.2	1	2420521	-3.2	
23	861.4	1433.2	-1.6	-0.3	0	-3.2	1	2437428	-3.2	
23	861.1	1432.8	-1.2	-0.9	-0.4	-3.1	0.9	2463236	-3.1	
23	860.8	1432.9	-1.1	-0.8	-0.8	-2.3	1	2498509	-2.7	
23	860.5	1432.9	-3.2	-3	-0.8	-4.3	0.9	2544047	-2.4	
23	860.2	1432.9	-0.6	-1.2	-0.9	-1.9	1	2600932	-2.2	
23	859.9	1432.9	-1.3	-1.9	-1	-1.4	1	2663805	-2.1	
23	859.6	1432.9	-0.7	-0.7	-1.2	-0.9	1.3	2726238	-1.8	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
23	859.3	1432.8	-1.4	-1.6	-1.5	-1.9	1.5	2795394	-1.8	
23	859	1432.7	-1.4	-3.5	-1.5	-1.5	1.6	2856413	-1.9	
23	858.7	1432.7	-1.3	-3.1	-1.3	-2	1.8	2899931	-1.9	
23	858.4	1432.7	-2.2	-3.8	-1.2	-3.4	1.7	2920154	-2.1	
23	858.1	1432.8	-1.4	-2	-1.1	-1.4	1.6	2928322	-2.1	
23	857.8	1432.7	-1	-2.2	-1.4	-2	1.5	2924232	-1.8	
23	857.5	1432.7	-1.8	-2.4	-1.4	-2.6	1.4	2916087	-1.6	
23	857.2	1432.6	-0.9	-2.5	-1.6	-1.5	1.4	2903953	-1.4	
23	856.9	1432.4	-1.1	-2.2	-1.8	-0.8	1.4	2891920	-0.9	
23	856.6	1432	-1.9	-1.4	-2.1	-1.1	1.3	2883954	-0.6	
23	856.3	1431.5	-1.2	-0.9	-2.4	-0.4	1.1	2879987	-0.7	
23	856	1431.4	-0.6	0.1	-2.9	1	1.4	2883954	-0.8	
23	855.7	1431.8	-1	-0.1	-2.8	0.5	1.7	2891920	-1	
23	855.4	1432.3	-0.9	0	-2.6	-0.7	1.9	2899931	-1.6	
23	855.1	1432.6	-0.3	0.8	-2.4	-0.3	2	2903953	-2.1	
23	854.8	1432.8	-1	-0.1	-1.9	-2	1.9	2907987	-2.5	
23	854.5	1432.9	-0.9	2.2	-1.5	-2	1.7	2916087	-2.9	
23	854.2	1433	-1.4	0.3	-1.2	-2.1	1.7	2932424	-3	
23	853.9	1433	-1.7	-0.9	-0.7	-3.1	1.7	2953103	-3.1	
23	853.6	1433.2	-2.5	-0.8	-0.3	-4.1	1.7	2978308	-3.3	
23	853.3	1433.1	-3.6	-1	-0.2	-5.1	1.3	3003946	-3.2	
23	853	1433.2	-2.5	0.3	0.1	-3.9	1	3038825	-3.1	
23	852.7	1433.2	-2.3	1.3	0.1	-3.3	0.9	3088127	-2.9	
23	852.4	1433	-2	0.6	-0.1	-2.6	0.8	3148497	-2.5	
23	852.1	1432.9	-2.5	-0.1	-0.2	-3.2	0.7	3216206	-2.3	
23	851.8	1433	-2.6	-0.4	-0.4	-3	0.7	3276605	-2.2	
23	851.5	1432.5	-2.2	-0.8	-0.8	-2.1	0.5	3339315	-1.8	
23	851.2	1432.3	-2.9	-1.2	-1.2	-2.4	0.4	3410017	-1.6	
23	850.9	1432.2	-2.4	-1.2	-1.4	-0.8	0.4	3489584	-1.4	
23	850.6	1431.9	-2.4	-1.6	-1.8	-1.3	0.4	3579060	-0.9	
23	850.3	1431.9	-3.5	-2.4	-1.7	-2.1	0.4	3654014	-0.7	
23	850	1431.9	-2.9	-2.1	-1.4	-1.7	0.3	3725534	-0.6	
23	849.7	1432	-2.2	0	-1.2	-0.4	0.4	3786167	-0.3	
23	849.4	1432.3	-2.2	0	-0.8	-0.3	0.4	3863008	-0.1	
23	849.1	1432.7	-2	-0.6	-0.2	0.2	0.5	3943032	-0.2	
23	848.8	1433	-1.7	-0.1	0.2	0.5	0.6	4026443	-0.1	
23	848.5	1433.4	-2.3	-1.1	0.5	-0.3	0.7	4113458	-0.2	
23	848.2	1433.4	-1.5	-0.4	0.7	0	0.7	4212777	-0.3	
23	847.9	1433.2	-1.8	1.4	0.4	0.4	0.8	4334886	-0.4	
23	847.6	1433	-1.6	-1	0.3	0.2	0.8	4483405	-0.7	
23	847.3	1432.7	-1.7	-0.4	-0.2	-0.3	0.9	4652778	-1	
23	847	1432.4	-1.4	-0.7	-0.7	-0.2	0.9	4857889	-1.1	
23	846.7	1432.3	-2.6	-1.2	-1.1	-1.8	0.9	5094283	-1.4	
23	846.4	1432.1	-1.6	-0.2	-1.5	-1.2	0.9	5354860	-1.7	
23	846.1	1432.1	-2	-0.7	-1.6	-2	0.9	5613271	-2.1	
23	845.8	1432.1	-1.1	1.1	-1.8	-1.2	0.9	5914548	-2.4	
23	845.5	1432.1	-1.7	-0.3	-1.6	-2.2	0.9	6268713	-2.4	
23	845.2	1431.9	-2.1	-1.1	-1.6	-2.5	0.9	6689297	-2.6	
23	844.9	1432	-2.6	-0.8	-1.3	-3.4	0.8	7145905	-2.7	
23	844.6	1432.1	-2.4	-1.5	-0.8	-3.5	0.7	7613637	-2.9	
23	844.3	1432.2	-2.3	-1.2	-0.5	-2.5	0.6	8052885	-3	
23	844	1432.3	-2.5	-0.6	-0.1	-3.2	0.5	8511179	-3.1	
23	843.7	1432.2	-1.9	-0.7	0	-2.5	0.4	8986052	-2.9	
23	843.4	1432.5	-3.1	-2.5	0.3	-4.4	0.4	9517046	-3.1	
23	843.1	1432.4	-2	-1	0.3	-3.1	0.3	9922986	-3.2	
23	842.8	1432.3	-2.7	-1.8	0.5	-3.9	0.1	10263481	-3.4	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
23	842.5	1432.2	-2.2	-1.9	0.3	-2.9	0.1	10628173	-3.4	
23	842.2	1431.9	-2.3	-1.3	-0.1	-3	0	10962042	-3.3	
23	841.9	1431.9	-2.9	-2	-0.3	-3.2	0	11196524	-2.9	
23	841.6	1431.7	-3.2	-1.8	-0.5	-3.5	-0.2	11567680	-2.6	
23	841.3	1431.6	-2.7	-1	-0.6	-3	-0.3	11829096	-2.1	
23	841	1431.6	-2.5	0	-0.7	-1.6	-0.5	12172965	-1.6	
23	840.7	1431.6	-2.5	1.1	-0.6	-1.3	-0.5	12612952	-1	
23	840.4	1431.5	-2.3	0.2	-0.7	-0.4	-0.3	13168239	0	
23	840.1	1431.6	-2.7	-0.4	-0.6	-0.2	-0.1	13958333	0.6	
23	839.8	1432	-2.7	-0.7	-0.2	0.3	0.1	14744718	0.9	
23	839.5	1432.3	-2.9	-0.4	0.2	0.7	0.2	15742481	1.1	
23	839.2	1432.6	-2.2	0.4	0.4	1.5	0.4	16885081	1	
23	838.9	1432.7	-1.7	0.5	0.4	2	0.5	18049569	0.6	
23	838.6	1433	-1.8	1.1	0.4	1.3	0.7	19386574	0.4	
23	838.3	1433	-2.4	0	0.2	0.2	0.5		-0.1	
23	838	1432.8	-1.2	1.2	0.1	0.5	0.2		-0.6	
23	837.7	1432.3	-1.6	1.9	-0.3	-0.5	-0.1		-1.1	
23	837.4	1432.2	-1.9	1	-0.5	-0.4	-0.3		-1.4	
23	837.1	1431.9	-2.1	0.1	-0.8	-1.5	-0.5		-1.7	
23	836.8	1431.8	-2.2	0	-0.8	-1.9	-0.6		-1.8	
23	836.5	1432	-3.4	-1.4	-0.4	-2.7	-0.7		-1.9	
23	836.2	1432.3	-2.8	-1.1	0	-2.8	-0.7		-2	
23	835.9	1433.1	-3	-0.7	0.5	-1.5	-0.5		-2.2	
23	835.6	1433.5	-2.3	-0.8	0.9	-2.4	-0.3		-2.4	
23	835.3	1433.7	-1.6	0.2	1.2	-2.6	-0.2		-2.6	
23	835	1434	-3.2	-1.6	1.4	-3.7	0		-2.8	
23	834.7	1434	-1.8	-0.1	1.5	-2.9	0.1		-3	
23	834.4	1433.8	-2.1	-0.7	1.2	-3.1	0.2	-1.9E+07	-3	
23	834.1	1433.5	-3.4	-0.8	0.7	-3	0.3	-1.6E+07	-2.9	
23	833.8	1433.1	-2.2	-0.6	0	-2.9	0.4	-1.4E+07	-2.6	
23	833.5	1433.1	-4.9	-2.9	-0.5	-4.6	0.4	-1.3E+07	-2.4	
23	833.2	1433.1	-3.3	-2.2	-0.8	-3.3	0.4	-1.2E+07	-2.5	
23	832.9	1433	-1.5	0.2	-1	-2.4	0.3	-1.2E+07	-2.5	
23	832.6	1433	-2.7	-0.6	-0.9	-2.6	0.2	-1.2E+07	-2.6	
23	832.3	1432.9	-1.6	1	-1	-2.2	0.2	-1.3E+07	-2.4	
23	832	1433	-1.8	0.6	-0.9	-2	0.3	-1.4E+07	-2.2	
23	831.7	1433	-3.2	-0.9	-0.4	-2.9	0.1	-1.4E+07	-2.2	
23	831.4	1433.1	-1	1.5	-0.2	-1.1	0.1	-1.5E+07	-2	
23	831.1	1433.2	-2.4	-0.5	0.1	-0.3	-0.1	-1.5E+07	-1.6	
23	830.8	1433.5	-2.7	0.4	0.7	-1.3	-0.2	-1.5E+07	-1.4	
23	830.5	1433.6	-1.5	0.5	0.8	-0.1	-0.3	-1.5E+07	-1.1	
23	830.2	1433.4	-2.3	0.4	0.9	-0.4	-0.5	-1.5E+07	-1	
23	829.9	1433.4	-1.7	0.5	1	-0.5	-0.5	-1.5E+07	-0.8	
23	829.6	1433.4	-1.9	0.4	0.9	0.2	-0.5	-1.5E+07	-0.8	
23	829.3	1433.2	-1.6	1.3	0.7	0.9	-0.5	-1.5E+07	-0.4	
23	829	1433.3	-1.6	1.6	0.7	-0.4	-0.3	-1.6E+07	-0.2	
23	828.7	1433.3	-2.5	0.2	0.7	-0.2	-0.2	-1.7E+07	-0.2	
23	828.4	1432.9	-2.3	0.2	0.3	0	-0.1	-1.8E+07	0.1	
23	828.1	1433.1	-3.4	-0.9	0.4	-1.5	0.1		0.2	
23	827.8	1433	-3	-0.7	0.7	-0.8	0.1		0.3	
23	827.5	1433	-2.3	0.4	0.9	-0.7	0.3		0.5	
23	827.2	1433.1	-4	-1.3	1.3	-2.3	0.3		0.3	
23	826.9	1433.1	-2.6	0.3	1.7	-1.9	0.1		-0.3	
23	826.6	1432.8	-1.7	0.5	1.8	-1.1	-0.2		-0.5	
23	826.3	1432.4	-2.5	-0.8	1.7	-1	-0.6		-0.8	
23	826	1432	-1.6	0.2	1.5	-1.5	-1		-1.1	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
23	825.7	1431.5	-1.9	0.5	1	-1.4	-1.4		-1.4	
23	825.4	1430.9	-1.4	-0.2	0.5	-1.1	-1.8		-1.9	
23	825.1	1430.3	-0.4	1.2	-0.1	-1.8	-2		-2.4	
23	824.8	1429.5	-0.8	1.1	-0.9	-1	-2.1		-3	
23	824.5	1429.3	-0.3	1.8	-1.2	-1.9	-1.9		-3.4	
23	824.2	1429	-0.5	1.7	-1.5	-2.9	-1.7		-3.5	
23	823.9	1429.3	-2.2	1.2	-1.1	-4.5	-1.4		-3.9	
23	823.6	1430	-0.1	2.7	-0.4	-3.7	-0.9		-3.9	
23	823.3	1430.8	-0.4	2.6	0.2	-3.1	-0.2		-3.6	
23	823	1431.5	-1.4	0.9	0.9	-4.3	0.2		-3.5	
23	822.7	1431.8	0.2	1.8	1.2	-3.3	0.6		-2.9	
23	822.4	1431.9	-1.6	1.6	1.5	-3.7	0.7		-2.4	
23	822.1	1431.7	-0.9	0.9	1.3	-3.3	0.7		-1.9	
23	821.8	1431.5	-0.5	1.6	1	-2.1	0.7		-1.3	
23	821.5	1431.1	-0.6	2.8	0.5	-1	0.3		-1.2	
23	821.2	1430.5	1	3.2	-0.5	-0.3	0		-1.1	
23	820.9	1430.1	0.1	5	-1.4	-1.6	-0.3		-1.2	
23	820.6	1429.9	0.2	3.5	-1.8	-0.8	-0.5		-1.4	
23	820.3	1429.7	1.6	3.1	-2.1	-0.4	-0.5		-1.4	
23	820	1429.9	0.3	3	-2	-0.1	-0.3		-1.4	
23	819.7	1430.1	1.2	2.8	-1.7	0.2	0		-1.5	
23	819.4	1430.5	1.2	3	-1.4	-0.3	0.4		-1.6	
23	819.1	1431.3	0.7	3.9	-0.9	-0.9	1		-1.7	
23	818.8	1432.1	0.6	1.6	-0.1	-1.9	1.4		-1.7	
23	818.5	1432.7	1.5	3.9	0.5	-0.5	1.7		-1.6	
23	818.2	1433	0.6	3.3	1	-1.3	1.8		-1.4	
23	817.9	1432.8	1	2.5	1	-1.6	1.8	17594538	-1.3	
23	817.6	1432.5	-0.3	2	0.9	-2.1	1.6	15742481	-1.3	
23	817.3	1431.9	-0.1	1.6	0.9	-2.2	1.1	14849291	-1.7	
23	817	1431.4	0.3	2.2	0.7	-2.6	0.7	14243197	-2.1	
23	816.7	1431.3	0.4	2	0.5	-2.1	0.4	13774671	-2.4	
23	816.4	1431.2	0.6	2.2	0.2	-1.8	0	13251582	-2.6	
23	816.1	1430.9	0.7	3.2	-0.2	-2.3	-0.5	12845092	-2.7	
23	815.8	1430.6	0.8	3.1	-0.6	-1.7	-0.8	12462798	-2.8	
23	815.5	1430.3	1.1	4.5	-0.7	-2.1	-0.9	12033046	-2.9	
23	815.2	1430.1	0.7	3.7	-0.9	-1.4	-0.8	11317568	-2.7	
23	814.9	1429.7	-0.3	2	-1	-2.9	-0.7	10314040	-2.7	
23	814.6	1429.5	0.5	4.5	-1.1	-2.2	-0.4	9347098	-2.6	
23	814.3	1429.6	-0.5	2.1	-1.4	-2.6	0.1	8580943	-2.5	
23	814	1430	-0.9	0.8	-1.4	-2.6	0.6	7961027	-2.4	
23	813.7	1430.5	-0.9	1.6	-1.1	-3.4	1.1	7424646	-2.3	
23	813.4	1430.9	-1.2	0.4	-0.8	-3.4	1.4	6979167	-2.2	
23	813.1	1431	-0.3	1.6	-0.7	-3	1.5	6689297	-2.2	
23	812.8	1431.1	-0.9	0.5	-0.6	-2.8	1.4	6462192	-2.1	
23	812.5	1430.9	-0.1	0.3	-0.5	-1.3	1.1	6325529	-1.9	
23	812.2	1430.5	-0.2	0.6	-0.5	-2.1	0.7	6231399	-1.6	
23	811.9	1430.4	-1.2	-0.9	-0.4	-1.5	0.3	6140030	-1.2	
23	811.6	1430.3	-2	-1.5	-0.2	-2.2	-0.3	6086483	-1.1	
23	811.3	1430.1	-0.3	1.9	-0.3	-0.6	-0.7	6016523	-1.1	
23	811	1430.1	-0.7	-0.6	-0.4	-0.8	-0.9	5948154	-1.1	
23	810.7	1430.1	-0.1	0.3	-0.5	-0.6	-0.7	5832173	-1	
23	810.4	1430.4	-1	0.4	-0.7	-0.6	-0.2	5689538	-0.8	
23	810.1	1430.9	-1	-1.2	-0.7	-0.2	0.4	5539021	-0.8	
23	809.8	1431.1	0.1	1.7	-0.7	-0.1	0.8	5410207	-0.6	
23	809.5	1431.4	-1.2	-0.3	-0.6	-0.9	1.1	5327608	-0.6	
23	809.2	1431.5	-0.8	-0.3	-0.7	-0.2	1.4	5300633	-0.8	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
23	808.9	1431.6	-0.6	0	-0.7	-1.1	1.7	5354860	-1	
23	808.6	1431.8	-0.7	-1.7	-0.6	-0.4	2	5466710	-1.1	
23	808.3	1431.6	-0.6	-0.7	-0.8	-1.4	2.1	5674120	-0.9	
23	808	1431.5	-1.4	-1.6	-0.7	-1.1	2	5999284	-0.6	
23	807.7	1431.5	-3	-4.6	-0.5	-3.1	1.5	6402905	-0.7	
23	807.4	1431.5	-0.7	-1	-0.3	-1.8	1.1	6910066	-0.6	
23	807.1	1431.5	-0.5	-1.7	-0.3	-0.6	0.9	7451068	-0.5	
23	806.8	1431.3	-0.7	-1.9	-0.5	-1.3	0.6	8022031	-0.4	
23	806.5	1431.1	-0.8	-1.5	-0.6	-2	0.4	8616255	0	
23	806.2	1430.8	-2	-2.6	-0.5	-3.3	-0.1	9063853	0.2	
23	805.9	1430.4	-0.1	-1.6	-0.6	-1.4	-0.5	9183114	0.4	
23	805.6	1430	-0.8	-1.4	-0.8	-0.9	-0.8	8947650	0.7	
23	805.3	1430	-0.1	-1.1	-1	-0.1	-0.7	8511179	0.8	
23	805	1430.2	0.9	1.2	-1.5	0.6	-0.2	8022031	1.3	
23	804.7	1430.4	0.3	0.4	-1.5	-0.6	0	7424646	1.4	
23	804.4	1430.8	1.2	0.9	-1.1	-0.6	0.1	6910066	1	
23	804.1	1430.9	3	2.6	-0.8	0.8	0.2	6462192	0.5	
23	803.8	1431.1	3.7	3.1	-0.5	2	0.5	6104228	0.1	
23	803.5	1431.4	4.1	3.4	-0.2	0.8	0.9	5881320	-0.3	
23	803.2	1431.7	3.1	2.3	0.1	-0.1	1.1	5767907	-0.8	
23	802.9	1432	4.6	3.5	0.3	0.7	1.3	5720629	-1.1	
23	802.6	1432.3	4	3.3	0.5	-0.5	1.3	5720629	-1.3	
23	802.3	1432.4	5.2	5.5	0.6	0.9	1.2	5736302	-1.5	
23	802	1432.2	6.4	5.9	0.3	1.6	1.2	5752061	-1.7	
23	801.7	1431.9	6.1	6.6	0.2	-0.1	1	5767907	-2	
23	801.4	1431.4	5.6	6.5	0.1	-1.3	0.7	5736302	-2.3	
23	801.1	1431	6.2	7.1	0	-1	0.4	5658784	-2.5	
23	800.8	1431	5.6	6.8	0	-0.8	0.4	5553714	-2.7	
23	800.5	1430.8	5.7	6	-0.2	-1.3	0.4	5438312	-2.7	
23	800.2	1430.8	5.6	6.5	-0.4	-1.8	0.5	5341199	-2.4	
23	799.9	1430.7	5.3	5.4	-0.6	-2.6	0.6	5260679	-2.3	
23	799.6	1430.6	5.1	5.3	-0.7	-3.7	0.6	5182550	-2.2	
23	799.3	1430.4	5.5	6.7	-0.7	-3.1	0.6	5094283	-2.2	
23	799	1430.1	5.5	7.5	-1	-2.5	0.6	5020984	-2.2	
23	798.7	1429.8	5.4	5.7	-1.4	-3.1	0.6	4973278	-1.8	
23	798.4	1429.5	4.3	5	-1.6	-3.7	0.3	4985119	-1.8	
23	798.1	1429.2	4	4.1	-1.6	-4.1	-0.2	5069613	-2	
23	797.8	1429.1	6	7	-1.8	-1.8	-0.4	5234375	-2.2	
23	797.5	1429.1	6	7	-1.5	-1.5	-0.8	5410207	-2.7	
23	797.2	1429.1	6.7	6.6	-1.4	-1.2	-1.1	5598262	-3	
23	796.9	1429.1	6.6	7.8	-1	-1.3	-1.3	5815972	-3.3	
23	796.6	1429.6	5.9	6.7	-0.3	-2.5	-1.4	6051301	-3.8	
23	796.3	1430.2	7.2	7.8	0.4	-1.1	-1.2	6287538	-4.1	
23	796	1430.7	6.7	7.4	0.7	-0.5	-0.8	6482198	-4.3	
23	795.7	1431.3	6.6	7.2	0.8	-0.9	-0.2	6542969	-4.1	
23	795.4	1431.8	5.7	7.1	0.8	-2.5	0.3	6462192	-3.5	
23	795.1	1432.1	4.3	7.3	0.7	-3	0.7	6363982	-2.9	
23	794.8	1432.6	4.8	5.5	0.5	-2.3	1.4	6325529	-2.3	
23	794.5	1432.4	3.7	4.2	0.1	-2.1	1.7	6306476	-1.7	
23	794.2	1432.5	3.8	4.5	-0.5	-1.5	2.2	6268713	-1.2	
23	793.9	1432.3	3	3.8	-1.2	-1.9	2.5	6250000	-0.4	
23	793.6	1432.2	1.5	3.5	-1.4	-3.1	2.4	6287538	-0.4	
23	793.3	1432.1	2.8	2.9	-1.3	-2.3	2.1	6442308	-0.8	
23	793	1432.2	3.5	4.3	-1	-0.9	1.8	6710737	-1	
23	792.7	1432.3	2.9	3	-0.8	-0.7	1.4	7073480	-1.2	
23	792.4	1432.2	2.8	1.9	-0.8	-0.9	1	7531475	-1.1	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
23	792.1	1432.1	1.5	1.2	-0.6	-2.1	0.6	8022031	-1.3	
23	791.8	1432	2.4	1.2	-0.5	-1.5	0.2	8580943	-1.6	
23	791.5	1431.8	1.8	-1.2	-0.4	-1.6	-0.1	9183114	-1.7	
23	791.2	1431.6	1.7	-2	-0.5	-0.6	-0.2	9738372	-1.8	
23	790.9	1431.3	2	-2.1	-0.8	-0.9	-0.2	10213415	-1.7	
23	790.6	1431.1	1	-2.1	-1.4	-1.6	0.1	10628173	-1.6	
23	790.3	1431.2	0.6	-4	-1.6	-2.6	0.5	10962042	-1.7	
23	790	1431.5	0.5	-3.5	-1.6	-2.5	1	11379076	-1.8	
23	789.7	1431.8	0.9	-4.3	-1.5	-1.1	1.4	11896307	-2	
23	789.4	1432.1	0.9	-5.5	-1.6	-1.3	1.8	12462798	-2.1	
23	789.1	1432.3	0.5	-5.6	-1.4	-1.4	2	12845092	-2.1	
23	788.8	1432.4	-0.5	-6.1	-1.2	-1.9	2.1	13085938	-2	
23	788.5	1432.5	-0.3	-6.5	-0.6	-2.3	1.9	13085938	-2	
23	788.2	1432.6	-1.5	-7.1	0.1	-2.8	1.4	12766768	-2	
23	787.9	1432.3	0.1	-5.6	0.3	-1.1	0.7	12102601	-2.1	
23	787.6	1432	-0.4	-6	0.3	-1.6	0.2	11379076	-1.6	
23	787.3	1431.7	-1.4	-6.7	0.4	-1.9	-0.2	10521357	-1.1	
23	787	1431.8	-2.1	-7.2	0.7	-2.6	-0.5	9648618	-0.7	
23	786.7	1431.6	-2.2	-7.7	0.7	-1.8	-0.8	8909575	0	
23	786.4	1431.5	-2.8	-8.3	0.7	-1.5	-0.9	8275692	0.3	
23	786.1	1431.1	-2.1	-7.5	0.6	-0.9	-1.1	7783457	0.5	
23	785.8	1431.1	-2.3	-6.6	0.3	-0.1	-0.8	7451068	0.7	
23	785.5	1431.4	-2.4	-6.4	0.4	-1.3	-0.4	7295296	0.6	
23	785.2	1431.4	-1.4	-7.4	0.3	-0.6	-0.2	7219828	0.5	
23	784.9	1431.3	-2.1	-8.1	0.1	-1.1	0	7195017	0.3	
23	784.6	1431.1	-1.4	-8.1	-0.3	-0.6	0.1	7295296	-0.2	
23	784.3	1431	-1.3	-7.9	-0.5	-0.4	0.3	7451068	-0.4	
23	784	1430.9	-1.4	-7.3	-0.6	-0.6	0.3	7754630	-0.6	
23	783.7	1430.7	-1.1	-8.3	-0.8	-1	0.3	8178711	-0.7	
23	783.4	1430.5	-1.5	-8.2	-0.8	-1.3	0.1	8651860	-1	
23	783.1	1430.5	-1	-7.6	-0.8	-1.7	-0.2	9063853	-1.5	
23	782.8	1430.6	-0.2	-5.9	-0.7	-1.7	-0.3	9473982	-1.8	
23	782.5	1430.7	0	-4.3	-0.3	-1.5	-0.5	9876179	-2	
23	782.2	1430.7	0.2	-4.6	-0.1	-1.4	-0.5	10213415	-2	
23	781.9	1430.9	-0.3	-4	0.2	-2	-0.5	10521357	-1.9	
23	781.6	1431	0	-3.8	0.3	-1.7	-0.6	10737180	-1.8	
23	781.3	1431.2	0.5	-2.5	0.6	-1.4	-0.6	10904948	-1.6	
23	781	1431.2	0	-1.5	0.6	-1	-0.6	11078042	-1.2	
23	780.7	1431.5	0.8	-2	0.6	-0.7	-0.4	11256721	-1.1	
23	780.4	1431.7	0.8	-2.7	0.5	-0.6	-0.2	11631945	-0.9	
23	780.1	1431.7	1	-1.9	0.5	-0.8	-0.2	12102601	-0.6	
23	779.8	1431.6	0.6	-2.2	0.3	-0.4	-0.2	12766768	-0.4	
23	779.5	1431.4	0.9	-0.6	0.1	-0.4	-0.2	13684641	-0.3	
23	779.2	1431.7	1.3	-1.1	0.1	0.4	0.1	14955357	-0.3	
23	778.9	1431.8	1.7	-0.1	-0.1	0.2	0.3	16486221	-0.3	
23	778.6	1432	1.2	-0.5	-0.2	0	0.6	18049569	-0.5	
23	778.3	1432.1	1.9	-0.1	-0.4	0.1	0.7	19567757	-0.7	
23	778	1432.2	1.2	0.2	-0.3	-1	0.7		-0.8	
23	777.7	1432.2	2.4	1.8	-0.5	0	0.7	19752359	-1	
23	777.4	1432.2	1	0.5	-0.5	-1.3	0.7	18528761	-1.3	
23	777.1	1432.1	2.3	1.4	-0.6	-0.6	0.7	16885081	-1.5	
23	776.8	1432	1.2	0.3	-0.5	-2.2	0.5	15062950	-1.8	
23	776.5	1431.9	2	1.5	-0.5	-1.6	0.4	13335987	-2	
23	776.2	1431.9	1.4	1.9	-0.5	-2	0.4	11964286	-2.2	
23	775.9	1432	1.5	1.8	-0.4	-2.4	0.4	10792526	-2.6	
23	775.6	1432	2	3.5	-0.6	-1.9	0.4	10066106	-2.8	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
23	775.3	1432.2	1.9	1.8	-0.5	-2.6	0.6	9693287	-3	
23	775	1432.4	1.5	1.9	-0.5	-2.1	0.8	9560502	-3.3	
23	774.7	1432.5	1.9	3.3	-0.6	-2.4	1	9648618	-3.4	
23	774.4	1432.3	1.9	4	-0.8	-1.8	1.1	9922986	-3.5	
23	774.1	1432.3	1.6	3.8	-0.6	-2.3	1.1	10468750	-3.4	
23	773.8	1432.1	1.2	4	-0.8	-2.1	1.1	11136968	-3.2	
23	773.5	1432	0.7	2.8	-0.8	-2.2	1	11896307	-3	
23	773.2	1432.1	1	3.3	-0.8	-2.1	1	12612952	-2.8	
23	772.9	1432	0.5	2.9	-0.6	-1.8	0.8	13004659	-2.3	
23	772.6	1432	-0.4	1	-0.5	-2.3	0.5	13168239	-1.9	
23	772.3	1432.1	-0.5	1.6	-0.4	-1.9	0.3	12924383	-1.6	
23	772	1431.9	-0.7	0.7	-0.1	-1.9	0	12537425	-1.1	
23	771.7	1431.8	-1	0.3	0	-1.5	-0.2	11964286	-0.8	
23	771.4	1431.7	-1.2	0.2	0.1	-1.6	-0.4	11317568	-0.6	
23	771.1	1431.7	-1.6	-0.5	0.1	-1.6	-0.5	10628173	-0.2	
23	770.8	1431.7	-1.4	0.1	0	-1.2	-0.5	9970238	0	
23	770.5	1431.5	-1.8	-0.8	0	-1.4	-0.5	9473982	0.3	
23	770.2	1431.6	-1.5	-1.3	-0.2	-0.6	-0.2	9103261	0.4	
23	769.9	1431.8	-2.2	-2.2	-0.2	-1.4	0.1	8760460	0.4	
23	769.6	1431.7	-1.7	-1.9	-0.4	-0.6	0.3	8442541	0.6	
23	769.3	1431.7	-2.1	-1.8	-0.7	-0.7	0.5	8146887	0.7	
23	769	1431.9	-1.6	-1.6	-0.7	-0.4	0.7	7961027	0.7	
23	768.7	1432.2	-1.1	-1.6	-0.8	0.7	1	7841760	0.8	
23	768.4	1432.2	-1.4	-1.4	-0.7	0	1	7812500	0.8	
23	768.1	1432	-0.7	-1.5	-0.7	1.1	1	7783457	0.8	
23	767.8	1431.9	-0.6	-1.4	-0.8	0.9	1	7754630	0.8	
23	767.5	1431.8	-0.3	-1.3	-0.9	1.3	0.9	7754630	0.7	
23	767.2	1431.8	-0.4	-1	-0.8	0.7	0.9	7754630	0.5	
23	766.9	1432	-0.3	-1.2	-0.8	1	1	7754630	0.1	
23	766.6	1432.2	0.2	-1.1	-0.9	0.5	1	7726015	-0.6	
23	766.3	1432.2	-0.3	-2	-1	-0.8	0.9	7697610	-1	
23	766	1432.1	0.3	-0.9	-1.1	-0.8	0.8	7697610	-1.4	
23	765.7	1431.9	-0.1	-2	-0.9	-1.6	0.6	7726015	-1.7	
23	765.4	1431.8	0.1	-1.1	-0.7	-1.7	0.4	7783457	-1.9	
23	765.1	1431.7	0.4	-2	-0.5	-1.8	0.1	7930871	-2.2	
23	764.8	1431.7	0.6	-0.4	-0.3	-2.1	-0.2	8115310	-2.5	
23	764.5	1431.9	-0.2	-2.5	0.1	-2.9	-0.5	8341634	-2.6	
23	764.2	1432.2	-0.1	-1.3	0.5	-3.1	-0.8	8687760	-2.7	
23	763.9	1432.5	0.2	-1.8	0.8	-2.9	-0.9	9063853	-2.7	
23	763.6	1432.6	0.8	-0.6	0.9	-2.7	-0.9	9517046	-2.8	
23	763.3	1432.4	0.3	-1.2	0.6	-2.8	-0.9	9970238	-2.8	
23	763	1432.3	0.4	-1.6	0.4	-2.8	-0.7	10416667	-2.8	
23	762.7	1432.4	0.4	-1.5	0.3	-2.7	-0.5	10904948	-2.8	
23	762.4	1432.5	0.8	-0.7	0.1	-2.4	-0.2	11317568	-2.8	
23	762.1	1432.6	0.5	-1.4	0	-2.4	0	11696928	-2.8	
23	761.8	1432.8	0.3	-1.6	-0.2	-2.6	0.3	11964286	-2.8	
23	761.5	1432.9	1	-0.6	-0.3	-2.4	0.4	12033046	-2.8	
23	761.2	1433.1	1	-0.2	-0.4	-2.6	0.6	11964286	-2.8	
23	760.9	1433.4	0.7	0	-0.1	-2.3	0.7	11762641	-2.7	
23	760.6	1433.4	0.7	-0.3	-0.2	-2.1	0.7	11567680	-2.5	
23	760.3	1433.4	0.3	-0.2	-0.2	-2.3	0.7	11379076	-2.1	
23	760	1433.4	0.2	0.6	0	-2.1	0.7	11379076	-1.8	
23	759.7	1433.3	0.5	1	-0.1	-1.3	0.7	11379076	-1.6	
23	759.4	1433.2	0.3	1	-0.2	-1	0.7	11504121	-1.4	
23	759.1	1433.1	1	2	-0.3	-0.3	0.7	11631945	-1.2	
23	758.8	1433.1	0.8	2	-0.5	-0.9	0.7	11631945	-0.9	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
23	758.5	1433.3	0.3	1.9	-0.5	-0.4	0.7	11631945	-0.6	
23	758.2	1433.5	0.2	1.6	-0.5	-0.6	0.8	11379076	-0.5	
23	757.9	1433.4	0.6	2.4	-0.5	0	0.8	10962042	-0.4	
23	757.6	1433	0.2	1.7	-0.8	-0.3	0.7	10365099	-0.3	
23	757.3	1432.8	-0.1	2.1	-0.7	-0.8	0.7	9693287	-0.2	
23	757	1432.6	-0.6	1.1	-0.8	-1.1	0.7	9024785	0	
23	756.7	1432.5	-0.8	1.3	-0.6	-0.7	0.6	8545919	-0.3	
23	756.4	1432.6	0.5	2.1	-0.3	-1.2	0.5	8243110	-0.6	
23	756.1	1432.8	-0.4	0.7	-0.1	-1.3	0.4	8146887	-0.9	
23	755.8	1433	-0.1	1.3	0	-1.7	0.3	8243110	-1.3	
23	755.5	1432.9	0.2	0.9	0.1	-2.2	0.2	8442541	-1.6	
23	755.2	1432.7	0.3	0.9	0.2	-0.4	0.1	8760460	-2.1	
23	754.9	1432.4	0.6	0.9	-0.3	-2.1	0.2	9143013	-2.4	
23	754.6	1432.2	0.7	1.1	-0.6	-1.8	0.3	9517046	-2.6	
23	754.3	1431.9	-1.8	-1.5	-0.7	-4.1	0.1	9738372	-3	
23	754	1431.7	1.4	1.2	-1.1	-1.7	0.1	9648618	-3.2	
23	753.7	1431.8	-0.3	0	-1	-2.6	0	9305556	-3.3	
23	753.4	1431.8	0.5	0.2	-1.2	-2	0	8834388	-3.4	
23	753.1	1431.7	1	1.1	-1.3	-0.8	0.1	8341634	-2.8	
23	752.8	1431.8	-2.9	-3	-0.9	-4.8	-0.1	7930871	-2.8	
23	752.5	1432.2	0.8	0.4	0	-2	-0.2	7613637	-2.8	
23	752.2	1432.4	0.4	-0.2	0.2	-1.2	-0.3	7424646	-2.4	
23	751.9	1432.6	-0.6	-0.4	0.8	-0.9	-0.4	7346491	-1.9	
23	751.6	1432.7	-0.6	-0.5	0.8	-2.4	-0.3	7477679	-1	
23	751.3	1432.9	-1.5	-1.7	0.9	-2.4	-0.3	7697610	-0.3	
23	751	1432.9	-1.7	-2.5	0.8	-1.3	-0.2	8022031	0.6	
23	750.7	1432.9	-2.1	-2.4	0.5	-1	-0.2	8308532	1.3	
23	750.4	1432.9	-2	-2.4	0.3	1.4	-0.2	8511179	1.7	
23	750.1	1432.5	-0.5	-0.9	-0.5	1.5	-0.2	8545919	2.5	
23	749.8	1432.8	-2.3	-3.1	-0.6	0.5	0.1	8442541	2.7	
23	749.5	1432.5	-1.4	-1.9	-1	1.8	0.1	8243110	2.4	
23	749.2	1432.7	0.2	-0.1	-0.8	2.9	0.3	7930871	1.8	
23	748.9	1432.8	1.6	0.6	-1	5.1	0.7	7531475	1.4	
23	748.6	1432.9	0	-1	-0.8	2.6	1	7121599	1.1	
23	748.3	1433.4	-0.5	-1.2	-0.3	1.9	1.4	6754032	0.5	
23	748	1433.9	-0.4	-1.1	0.1	0.2	1.7	6462192	-0.2	
23	747.7	1434.2	0.2	-0.1	0.3	0.9	2.1	6231399	-0.8	
23	747.4	1434.2	-0.5	-0.7	0.1	-0.1	2.3	6016523	-1.3	
23	747.1	1434.3	-0.9	-1.4	0	-1.1	2.5	5864846	-1.6	
23	746.8	1433.8	-1.2	-1.5	-0.6	-2.5	2.3	5752061	-1.7	
23	746.5	1433.3	-2.7	-3.7	-0.9	-4.3	1.9	5674120	-1.8	
23	746.2	1432.5	-1.3	-2.1	-1.4	-2.4	1.2	5643531	-1.9	
23	745.9	1431.8	-1.7	-2	-1.7	-2.3	0.5	5628360	-2.1	
23	745.6	1431.2	0.3	0.1	-2	-0.7	0	5613271	-2.1	
23	745.3	1431.1	-2.5	-3.1	-1.8	-3.2	-0.5	5583334	-2.1	
23	745	1430.9	-1	-1.2	-1.5	-2.2	-0.9	5509869	-2.1	
23	744.7	1431	-1.5	-1.4	-1	-2.3	-1.1	5438312	-2.1	
23	744.4	1431.4	-0.9	-0.3	-0.3	-0.6	-1	5382391	-2	
23	744.1	1431.9	-2	-1.2	0.2	-0.9	-0.6	5300633	-2	
23	743.8	1432.4	-1.6	-2.1	0.7	-2	-0.1	5234375	-1.9	
23	743.5	1432.6	-2.4	-2	1.1	-2.5	0.3	5195410	-1.9	
23	743.2	1432.6	-1.7	-1.6	1.3	-3.2	0.5	5208334	-1.8	
23	742.9	1432.6	-3	-3.2	1.1	-2.2	0.6	5287248	-1.8	
23	742.6	1432.4	-1.2	-1.5	0.7	-1.4	0.6	5396263	-1.8	
23	742.3	1431.9	-1.7	-2.3	0.1	-1.9	0.5	5553714	-1.6	
23	742	1431.7	-3.4	-4.1	-0.4	-3.4	0.3	5736302	-1.4	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
23	741.7	1431.3	-3.4	-1.6	-0.8	-2.9	-0.2	5897888	-1.4	
23	741.4	1431.1	-1.7	-3.1	-1.4	-1.2	-0.4	5999284	-1.3	
23	741.1	1430.5	-1.9	-1.6	-2.2	-0.3	-0.5	6033862	-1.2	
23	740.8	1430.4	-0.9	-1.4	-2.6	-0.1	-0.2	5982143	-0.9	
23	740.5	1430.6	-2.8	-3.8	-2.6	-0.5	0.1	5832173	-0.6	
23	740.2	1431.2	-2.2	0.7	-2.2	-0.8	0.6	5613271	-0.6	
23	739.9	1431.7	-1.3	-2.1	-1.5	0	1	5327608	-0.6	
23	739.6	1432.2	-1.9	-2.3	-0.8	0.4	1.3	5069613	-0.6	
23	739.3	1432.8	-1.9	-1.3	-0.3	0.3	1.7	4813219	-0.6	
23	739	1433.3	-1.9	-1.3	-0.1	-0.6	2.1	4601649	-0.6	
23	738.7	1433.7	-3.1	-1.6	0.5	-2.1	2.3	4464286	-0.9	
23	738.4	1433.8	-1.6	0.1	0.5	-1.8	2.3	4398635	-1.1	
23	738.1	1433.6	-2.7	-0.6	0.3	-2	2.2	4398635	-1.2	
23	737.8	1433.2	-2.7	-0.7	-0.4	-2.1	2	4464286	-1.3	
23	737.5	1432.5	-2.1	-1.6	-1.3	-2.3	1.9	4601649	-1.4	
23	737.2	1431.8	-2.3	0	-2	-2.1	1.6	4813219	-1.5	
23	736.9	1431.5	-2.2	-0.8	-2.3	-2.4	1.4	5094283	-1.7	
23	736.6	1431.4	-2	-2.2	-2.4	-1.6	1.1	5382391	-1.8	
23	736.3	1431.4	-1.9	-3.5	-2.2	-1.5	0.7	5628360	-1.9	
23	736	1431.5	-0.9	-0.9	-1.8	-0.9	0.5	5736302	-2	
23	735.7	1431.6	-0.9	-0.4	-1.5	-0.5	0.4	5674120	-2.1	
23	735.4	1431.9	-1.5	-1.1	-0.9	-1.6	0.4	5481021	-2.3	
23	735.1	1432.1	-1.1	-1.3	-0.5	-1.2	0.6	5208334	-2.4	
23	734.8	1432.2	-1.5	-1	0	-1.7	0.7	4903396	-2.6	
23	734.5	1432	-1	-0.1	0.1	-1.8	0.7	4611784	-2.5	
23	734.2	1432.2	-2.5	-1.3	0.4	-2.8	0.7	4371086	-2.3	
23	733.9	1432.1	-1.6	1.1	0.3	-2.5	0.6	4187500	-1.8	
23	733.6	1431.9	-2.4	-1.1	0.2	-2.2	0.3	4065534	-1.1	
23	733.3	1431.8	-2.2	-0.5	0.1	-2.6	-0.1	3988096	-0.6	
23	733	1431.7	-1.8	-2.1	0	-1.7	-0.5	3935621	0	
23	732.7	1431.5	-2.5	0	-0.1	-1.9	-0.9	3898976	0.7	
23	732.4	1431.2	-2.4	-1.4	-0.3	-1.2	-1.3	3863008	1.3	
23	732.1	1430.8	-1.3	0.2	-0.5	0.5	-1.5	3799910	2	
23	731.8	1430.8	-2	-1.1	-0.8	0.7	-1.4	3712323	2.4	
23	731.5	1431	0.1	2.1	-0.9	2.9	-0.9	3597509	2.9	
23	731.2	1431.4	-1.6	0	-0.7	1.2	-0.5	3483777	2.6	
23	730.9	1431.9	0.4	2.8	-0.5	2.6	0.1	3366158	2.1	
23	730.6	1432.5	1.3	3	-0.4	2.2	0.7	3276605	1.6	
23	730.3	1433	1.4	4.4	-0.2	2.6	1.2	3226118	0.9	
23	730	1433.5	1.8	3	0.1	2.4	1.8	3216206	0.5	
23	729.7	1433.7	1.4	3.1	0.4	0.6	2.1	3256221	-0.2	
23	729.4	1433.8	1.9	5.3	0.5	0.3	2.3	3333997	-0.8	
23	729.1	1433.5	1.8	5.2	0.2	-1.5	2.3	3466474	-1.3	
23	728.8	1433.3	2	3.7	0	0.6	2.1	3641305	-1.6	
23	728.5	1432.9	2	3.9	-0.2	-2.1	1.7	3848806	-1.8	
23	728.2	1432.6	3.1	4	-0.5	-0.6	1.4	4057655	-1.9	
23	727.9	1432.4	1.9	4.7	-0.6	-2.5	1	4229798	-1.9	
23	727.6	1432	2.2	4.4	-1.1	-1.7	0.7	4325930	-2	
23	727.3	1431.6	2.6	3.9	-1.5	-1.1	0.3	4352911	-2.2	
23	727	1431.3	3.7	5.6	-1.8	-0.8	0.1	4299282	-2.3	
23	726.7	1431.1	3.8	5.7	-2	-0.9	0.1	4195892	-2.3	
23	726.4	1431	1.3	3.2	-2.2	-3.5	0.2	4057655	-2.4	
23	726.1	1430.9	4.2	7.3	-2.5	-0.6	0.5	3898976	-2.4	
23	725.8	1430.9	2.3	3.9	-2.9	-2.3	0.9	3765738	-2.4	
23	725.5	1431.1	3.6	6.3	-3.2	-0.7	1.3	3673246	-2.4	
23	725.2	1431.3	2.1	4.8	-3.1	-2.3	1.5	3634983	-2.4	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
23	724.9	1431.8	1.6	3.7	-2.5	-3	1.6	3647649	-2.4	
23	724.6	1432.2	2.6	4.9	-2.1	-3.2	1.6	3699205	-2.4	
23	724.3	1432.5	3.1	5.3	-1.7	-1.8	1.5	3772523	-2.4	
23	724	1432.7	2.8	4.8	-1.5	-1.4	1.5	3863008	-2.4	
23	723.7	1432.9	2.8	4.7	-1.1	-2.4	1.4	3950472	-2.2	
23	723.4	1433.2	1.3	2.2	-0.7	-3.2	1.3	4003346	-2	
23	723.1	1433.5	2	2.9	-0.5	-1.9	1.2	3988096	-1.8	
23	722.8	1433.8	1.8	3.3	-0.1	-1.4	1.1	3913552	-1.6	
23	722.5	1433.8	1.9	3	-0.2	-1.5	1.1	3779333	-1.4	
23	722.2	1434	3.1	4.6	-0.4	0.7	1.4	3603701	-1.2	
23	721.9	1434.3	1.3	2.3	-0.2	-2.3	1.6	3415580	-1.1	
23	721.6	1434.3	2.3	4.8	0.1	-0.8	1.6	3236090	-1.1	
23	721.3	1434.2	1.9	3.5	0.2	-1.3	1.5	3088127	-1.2	
23	721	1434.2	2.7	5.1	0.2	0	1.6	2969859	-1.2	
23	720.7	1434.4	0.6	2.8	0.2	-2	1.5	2883954	-1.2	
23	720.4	1434.3	1.1	2.9	0.3	-1.8	1.1	2833221	-1.4	
23	720.1	1434.1	2.5	5	0	0.3	0.8	2806636	-1.5	
23	719.8	1433.8	-0.2	2.2	0	-3	0.2	2806636	-1.6	
23	719.5	1433.3	2	3.3	-0.5	-0.2	-0.2	2821766	-1.6	
23	719.2	1432.5	1.3	3.3	-1.1	-1.3	-0.7	2852521	-1.6	
23	718.9	1432.1	1.3	1.2	-1.5	-1.5	-0.8	2891920	-1.8	
23	718.6	1431.6	1.8	3.4	-2.1	-1.4	-0.8	2932424	-1.9	
23	718.3	1431.8	0.8	0.4	-2.4	-0.6	-0.5	2957275	-2	
23	718	1432	1.2	-0.1	-2.6	-0.6	0.1	2974077	-1.3	
23	717.7	1432.7	-0.5	-1.9	-2.5	-2.6	0.9	2974077	-0.9	
23	717.4	1433.2	-0.7	-2.5	-2.3	-1.8	1.6	2961457	-1	
23	717.1	1433.8	0	-1.4	-1.8	-1.9	2.2	2932424	-1.2	
23	716.8	1434.4	-0.2	-2.1	-1	-1.8	2.6	2887932	-1.6	
23	716.5	1434.6	0.2	-1.6	-0.7	-2.3	2.8	2837060	-1.8	
23	716.2	1434.8	0	-2	0	-2.8	2.8	2784243	-1.8	
23	715.9	1435	-1.7	-3.7	0.4	-4	2.4	2740511	-1.8	
23	715.6	1434.8	0	-3.1	0.7	-2.6	1.8	2701613	-1.8	
23	715.3	1434.5	-0.1	-2	0.8	-1.7	1	2670600	-1.7	
23	715	1434	0.4	-1.8	0.4	-1.1	0.4	2636965	-1.5	
23	714.7	1433.5	-0.5	-3.1	0.1	-1.9	-0.1	2604167	-0.8	
23	714.4	1433.2	-1.3	-5	-0.4	-1.7	-0.4	2572175	-0.5	
23	714.1	1432.9	0.2	-3.6	-0.6	-0.7	-0.6	2540959	-0.3	
23	713.8	1432.4	0.2	-1.1	-1.3	0	-0.6	2510492	0	
23	713.5	1432.5	0.1	-4.1	-1.5	0.9	-0.4	2483690	0.1	
23	713.2	1432.7	0.5	-1.8	-1.7	0.6	0.1	2460341	0.2	
23	712.9	1432.8	0.3	-3.3	-1.9	0.2	0.5	2440269	0	
23	712.6	1433.1	0.7	-1.4	-1.8	-0.4	1	2423322	-0.4	
23	712.3	1433.2	1.2	-0.4	-1.8	0.6	1.4	2409379	-0.8	
23	712	1433.5	0.1	-2.5	-1.5	-0.6	1.7	2401090	-1.2	
23	711.7	1433.6	1.1	-2	-1.5	-0.8	2	2398340	-1.4	
23	711.4	1433.8	0.4	-2.4	-1.2	-1.5	2.2	2390126	-1.7	
23	711.1	1433.8	0.3	-2.5	-1.1	-2.6	2.2	2379262	-1.9	
23	710.8	1433.9	0.3	-1	-1.1	-2.5	2.2	2363150	-2.1	
23	710.5	1433.9	0.4	-1.6	-0.9	-2.1	2	2336775	-2.2	
23	710.2	1433.8	1	-0.8	-1.1	-2.1	1.9	2298299	-2.1	
23	709.9	1433.7	0.1	-1.8	-1.3	-3.2	1.8	2251345	-1.9	
23	709.6	1433.5	0.4	-2.7	-1.6	-2.4	1.7	2199318	-1.9	
23	709.3	1433.3	0.8	-0.5	-1.6	-2.6	1.5	2156283	-1.9	
23	709	1433.2	0.2	-2.1	-1.8	-2.4	1.3	2117038	-2	
23	708.7	1432.9	1.9	0	-2	-1.3	1.1	2089572	-2.1	
23	708.4	1432.9	0.9	-1.8	-2.1	-2.1	1.1	2079196	-2	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
23	708.1	1432.9	0.3	-0.3	-2.2	-2.5	1	2093751	-2.1	
23	707.8	1433	1.3	0.2	-2.2	-2.3	1	2136480	-2.2	
23	707.5	1433.2	1.6	-0.9	-2	-1	1	2217956	-2.2	
23	707.2	1433.3	1.8	2	-1.7	-1.7	1	2331571	-2.3	
23	706.9	1433.3	1.9	-0.1	-1.6	-1.2	1.2	2477811	-2	
23	706.6	1433.7	0.8	-0.5	-1	-2.2	1.4	2650317	-1.9	
23	706.3	1433.9	1.9	0.6	-0.8	-1.8	1.6	2844770	-2	
23	706	1434	1.8	0	-0.9	-0.8	1.7	3047672	-1.9	
23	705.7	1434.3	1.1	0.3	-1	-1.6	2	3236090	-1.8	
23	705.4	1434.5	1.8	0.6	-1	-1.5	2.2	3377017	-1.5	
23	705.1	1434.6	0.7	1.2	-1.4	-2.3	2.5	3426760	-1.4	
23	704.8	1434.4	2	2.7	-1.8	-0.8	2.6	3387945	-1.2	
23	704.5	1434.1	1.5	1.5	-2.3	-1.9	2.6	3271485	-1.1	
23	704.2	1433.5	2.1	2.3	-3.1	0	2.5	3106455	-0.9	
23	703.9	1433.3	1.6	1.4	-3.3	-1.3	2.5	2916087	-0.4	
23	703.6	1433.5	0.5	0.5	-2.8	-2	2.3	2722692	-0.3	
23	703.3	1433.6	1.5	3.2	-2.6	-1	2.1	2550244	-0.3	
23	703	1433.7	2.3	2.3	-2.4	-0.2	1.9	2412155	-0.2	
23	702.7	1433.7	1.7	1.8	-2.2	0	1.7	2308435	-0.2	
23	702.4	1433.9	1.3	0.9	-1.9	-0.9	1.6	2244106	-0.2	
23	702.1	1434.2	2.7	3.2	-1.5	1	1.7	2210930	-0.2	
23	701.8	1434.4	1.6	2.9	-1	-0.8	1.7	2208598	-0.4	
23	701.5	1434.3	3.2	3	-0.9	0.3	1.9	2234526	-0.7	
23	701.2	1434	2.6	2.4	-1.4	0	1.9	2290756	-1.2	
23	700.9	1433.9	3.4	3.3	-1.7	0.8	2.2	2368496	-1.4	
23	700.6	1433.8	2.8	2.3	-2	-1.1	2.5	2460341	-1.3	
23	700.3	1433.8	2.3	2	-2.1	-1.4	2.6	2553354	-1.3	
23	700	1433.9	2	1.3	-2	-1.1	2.7	2640291	-1.4	
23	699.7	1434	1.5	0.3	-1.5	-2.3	2.4	2712112	-1.8	
23	699.4	1433.8	2	1.9	-0.9	-1.4	1.7	2769511	-2.3	
23	699.1	1433.4	2.9	1.8	-0.7	-0.9	1.1	2810403	-2.4	
23	698.8	1433.4	2.3	1.9	0.1	-1.8	0.5	2833221	-2.4	
23	698.5	1433.3	0.9	0.6	0.8	-3.8	-0.3	2844770	-2.7	
23	698.2	1433	2.9	2.6	1.6	-1.9	-1.2	2860315	-3	
23	697.9	1432.8	3.1	2.7	2.3	-1.1	-1.9	2879987	-3.2	
23	697.6	1432.4	2.1	1.1	2.4	-2.2	-2.7	2916087	-3.2	
23	697.3	1431.9	1.4	1.3	2	-1.6	-3	2965652	-2.2	
23	697	1431.6	0.6	0.2	1.6	-1.5	-3.1	3030029	-1.1	
23	696.7	1431.8	-0.4	-1.2	1.6	-2.4	-2.9	3106455	-0.7	
23	696.4	1431.7	0.9	0.7	1	-0.9	-2.6	3196565	-0.4	
23	696.1	1431.8	0.7	-1.2	0.2	0.4	-2.1	3302445	0	
23	695.8	1431.4	0.9	0	-0.7	0.8	-1.6	3415580	1.1	
23	695.5	1431.1	-0.2	-0.5	-1.7	0.2	-0.9	3542725	2.2	
23	695.2	1431.6	0.3	-1	-1.9	1.3	0.1	3666813	2.2	
23	694.9	1431.8	0.1	-1.5	-2.2	1.2	1.1	3793026	1.3	
23	694.6	1432.4	0	-1.8	-2.2	0.4	2.1	3906250	0.4	
23	694.3	1432.8	-0.2	-2.1	-2.6	0.3	3	4018714	-0.1	
23	694	1433.3	0.5	-0.3	-2.8	0.3	3.8	4121555	-0.2	
23	693.7	1434	-0.3	-2.2	-2.8	-0.5	4.5	4221271	-0.4	
23	693.4	1434.5	-0.5	-2.3	-2.4	-1.9	4.8	4308128	-1.1	
23	693.1	1434.6	0.5	-0.6	-2.2	-1.3	4.8	4380230	-1.7	
23	692.8	1434.4	0.2	-1.6	-2.3	-1.8	4.4	4426533	-2	
23	692.5	1433.9	-1	-1.7	-2.4	-2.9	3.6	4454788	-2.1	
23	692.2	1433.4	-0.5	-2.5	-2.6	-2.1	2.8	4473825	-1.6	
23	691.9	1433.1	-0.7	-2.2	-2.4	-2	1.8	4483405	-1.3	
23	691.6	1433	-0.9	-3	-1.9	-1.7	0.9	4473825	-0.9	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
23	691.3	1432.8	-1.2	-2.8	-1.6	-2	-0.1	4464286	-0.6	
23	691	1432.8	-0.2	-0.7	-1.1	0.1	-0.8	4445329	-0.4	
23	690.7	1432.9	0.4	-1.1	-0.5	0.2	-1.1	4473825	-0.1	
23	690.4	1433.1	-0.2	-2.5	0.1	-0.5	-1.1	4561547	0.1	
23	690.1	1433.6	-0.4	-2.1	0.9	0.5	-0.8	4726298	0.1	
23	689.8	1434.1	0	-1.3	1.4	0	-0.3	5020984	-0.1	
23	689.5	1434.5	0.1	-2.6	2	0.1	0.1	5424223	-0.2	
23	689.2	1434.8	-0.6	-2.2	2.1	-0.7	0.4	5931303	-0.5	
23	688.9	1434.9	0.8	-2.4	1.9	0.8	0.7	6563480	-0.6	
23	688.6	1434.9	-0.9	-3.5	1.6	-1.8	0.8	7269965	-0.9	
23	688.3	1434.5	-0.2	-3.6	1	-2.4	0.7	7961027	-1.4	
23	688	1433.8	0.5	-2.3	0.2	-1.4	0.5	8442541	-1.6	
23	687.7	1433.1	-0.6	-2.9	-0.7	-2.2	0.1	8545919	-1.9	
23	687.4	1432.5	0.4	-1.6	-1.6	-1.5	-0.2	8115310	-2	
23	687.1	1431.8	0.3	-1.2	-2.4	-1.5	-0.5	7398410	-1.9	
23	686.8	1431.7	0.1	-1.9	-2.7	-1.4	-0.5	6542969	-1.9	
23	686.5	1431.8	0.1	-2.8	-2.5	-2	-0.5	5767907	-1.9	
23	686.2	1432.2	0.3	-2	-2	-1.2	-0.5	5131741	-1.9	
23	685.9	1432.6	1.3	0.4	-1.4	-0.3	-0.4	4632191	-1.9	
23	685.6	1433	0.8	-2.1	-0.8	-1.8	-0.2	4238361	-1.7	
23	685.3	1433.7	-0.3	-3.4	-0.2	-1.7	0.2	3957940	-1.5	
23	685	1434.5	-0.3	-2.4	0.5	-2.2	0.6	3793026	-1.5	
23	684.7	1434.9	-0.2	-1.6	0.9	-2.2	1	3718917	-1.6	
23	684.4	1435	-0.1	-0.7	0.8	-2.4	1.1	3745528	-1.5	
23	684.1	1434.8	-0.3	0.1	0.3	-2.2	1.2	3855894	-1.5	
23	683.8	1434.6	0.1	-0.8	-0.3	-1.8	1.3	4034201	-1.2	
23	683.5	1434.3	-0.4	-1.1	-0.8	-2.5	1.3	4290472	-1.2	
23	683.2	1434.2	1.3	0.4	-1.1	-0.7	1.3	4611784	-1.1	
23	682.9	1434.3	0.5	0.7	-1.3	-1.8	1.4	4985119	-1.1	
23	682.6	1434.3	0.4	0.1	-1.4	-0.8	1.4	5382391	-1.2	
23	682.3	1434.3	0.5	0.4	-1.3	-1	1.4	5767907	-1.2	
23	682	1434.5	1.5	1.5	-1	-0.1	1.6	6104228	-1.3	
23	681.7	1434.7	0.8	1	-0.6	-0.7	1.8	6344697	-1.4	
23	681.4	1434.9	1.1	0.6	-0.2	-0.7	2	6502329	-1.4	
23	681.1	1435.1	0.5	0.8	0.2	-1	2.1	6522586	-1.6	
23	680.8	1435.1	1.1	1.6	0.5	-1.2	1.9	6462192	-1.9	
23	680.5	1434.6	2.6	2.1	0.4	-0.3	1.6	6402905	-2.1	
23	680.2	1434.1	0.4	0.2	0.5	-2	1	6363982	-2.2	
23	679.9	1433.4	0.7	1.7	0.6	-2	0.1	6383384	-2.3	
23	679.6	1432.8	0.8	1.3	0.5	-2.7	-0.7	6502329	-2.3	
23	679.3	1432.2	0.4	1.1	0.4	-2.2	-1.6	6710737	-2.2	
23	679	1431.6	0.7	1.6	0.2	-1.9	-2.3	6979167	-1.8	
23	678.7	1431.3	0.2	1.4	-0.1	-1.2	-2.6	7320804	-1.3	
23	678.4	1431.1	-0.4	-0.2	-0.3	-1.8	-2.8	7697610	-1	
23	678.1	1430.8	1.1	0.7	-0.4	-1	-2.7	8052885	-0.4	
23	677.8	1430.8	0	0.2	-0.5	-0.4	-2.2	8341634	0.2	
23	677.5	1431.1	0.3	0.7	-0.7	0.1	-1.4	8476721	0.2	
23	677.2	1431.4	0.9	0.9	-1	0.5	-0.5	8476721	0.3	
23	676.9	1432.1	0	-0.1	-1.2	-0.1	0.6	8275692	0	
23	676.6	1432.5	0.5	1.1	-1.3	-0.4	1.4	8022031	-0.3	
23	676.3	1432.9	-0.3	-1.1	-1.2	-2	1.9	7697610	-0.8	
23	676	1433.2	-0.3	0.6	-1.3	-1.6	2.3	7295296	-1.3	
23	675.7	1433.3	0.8	1	-1.6	-1.3	2.6	6820033	-1.6	
23	675.4	1433	0.9	0.4	-1.9	-1.8	2.6	6344697	-1.9	
23	675.1	1433	0.1	0.7	-1.7	-3	2.4	5931303	-2.1	
23	674.8	1433	0.5	0.1	-1.5	-2.8	2.2	5553714	-2.3	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
23	674.5	1433.1	-0.1	-0.4	-1.3	-3	1.7	5234375	-2.4	
23	674.2	1433.2	0.6	0.5	-0.9	-2.3	1.4	4961493	-2.5	
23	673.9	1433.2	1.7	1.6	-0.9	-0.7	1.4	4747733	-2.3	
23	673.6	1433.3	0.3	0	-0.8	-2.1	1.4	4601649	-2.1	
23	673.3	1433.7	-0.1	-1.4	-0.4	-2.6	1.4	4531927	-2.1	
23	673	1433.7	1.6	0.8	-0.1	-1.8	1.4	4531927	-2.2	
23	672.7	1433.6	1.7	2	-0.1	-0.9	1.3	4611784	-2.2	
23	672.4	1433.3	1.1	1.4	-0.2	-1.3	1	4780251	-2.2	
23	672.1	1433.2	1.1	1.3	-0.4	-1.6	0.8	5020984	-2.2	
23	671.8	1433	0.4	0.5	-0.6	-2.6	0.5	5368590	-2.2	
23	671.5	1432.5	0.6	0.9	-0.8	-3.3	0.1	5864846	-2.2	
23	671.2	1432.2	0.9	0.8	-0.8	-2.2	-0.2	6502329	-2.1	
23	670.9	1432.1	-0.1	0.3	-0.8	-2.6	-0.5	7269965	-2	
23	670.6	1431.8	1.6	0.3	-0.8	-0.9	-0.8	8052885	-1.9	
23	670.3	1431.8	0.7	0.2	-0.6	-2.5	-0.9	8871822	-1.8	
23	670	1432.1	-0.1	-0.5	-0.1	-3	-0.9	9604358	-1.7	
23	669.7	1432.6	1.1	0.6	0.5	-1.6	-0.9	10066106	-1.7	
23	669.4	1432.9	1.1	-0.4	0.8	-1.2	-0.9	10314040	-1.7	
23	669.1	1433.2	1.7	0.9	1.2	-0.9	-0.8	10365099	-1.8	
23	668.8	1433.2	1.7	0.6	1.3	-2	-0.7	10114734	-1.8	
23	668.5	1433	1.1	0.6	1.2	-1	-0.6	9783879	-1.4	
23	668.2	1433.1	-0.3	-1.4	1.3	-3.6	-0.5	9389014	-1.3	
23	667.9	1433.1	1.2	-1.4	1.2	-0.9	-0.4	8986052	-1.3	
23	667.6	1432.9	1.4	1	0.7	0	-0.3	8580943	-1.3	
23	667.3	1432.8	1	0.3	0.1	-1.5	-0.2	8210785	-1.1	
23	667	1433.1	0.7	-0.1	-0.1	-1.6	0.1	7930871	-1	
23	666.7	1433.2	1.1	0.7	-0.3	-1.3	0.3	7641424	-1.2	
23	666.4	1432.9	3	2.3	-0.9	0	0.6	7398410	-1.3	
23	666.1	1432.8	1.5	1.3	-1.2	-1	1	7170377	-1.3	
23	665.8	1432.7	2.5	2.9	-1.8	1.6	1.6	7026007	-1.3	
23	665.5	1432.7	1	-0.1	-2.3	-1.3	2.1	7002509	-1.3	
23	665.2	1432.9	0.4	0.4	-2.4	-2.1	2.5	7121599	-1.3	
23	664.9	1433.3	1.8	1.5	-2.4	-0.4	3	7398410	-1.4	
23	664.6	1433.3	1.5	0.6	-2.7	-1.1	3.3	7783457	-1.4	
23	664.3	1433.3	0.7	0.7	-2.8	-0.8	3.3	8210785	-1.4	
23	664	1433.1	1.7	1.2	-2.6	-1.3	3.1	8687760	-1.5	
23	663.7	1432.9	1.3	1.6	-2.3	-1	2.7	9264381	-1.4	
23	663.4	1432.7	-0.4	-0.1	-1.8	-2.9	2	9829812	-1.4	
23	663.1	1432.8	0.8	0	-0.8	-1	1.3	10263481	-1.4	
23	662.8	1432.8	1.1	0.2	-0.3	0.3	0.6	10468750	-1.4	
23	662.5	1432.6	0.6	0.5	0.2	-1.4	-0.2	10416667	-1.5	
23	662.2	1432.3	1.7	1.2	0.6	-0.5	-0.7	10213415	-1.5	
23	661.9	1432.4	-0.9	-0.8	1.2	-2.4	-1.1	10017943	-1.6	
23	661.6	1432.2	0	-0.6	1.5	-2.7	-1.5	9876179	-1.7	
23	661.3	1432.2	0.2	-1.5	1.4	-2.2	-1.5	9783879	-1.6	
23	661	1432.2	-0.3	-0.6	0.9	-1.6	-1.3	9829812	-1.5	
23	660.7	1432	-0.1	0	0.1	-1.9	-0.9	10114734	-1	
23	660.4	1432	-1.6	-3.2	-0.2	-3.5	-0.8	10628173	-0.8	
23	660.1	1431.8	-0.7	-2.4	-0.4	-2.3	-0.8	11379076	-0.7	
23	659.8	1431.5	0	-1.1	-0.4	-1.9	-0.9	12389053	-0.6	
23	659.5	1431.4	-0.9	-2	-0.3	0.1	-1.2	13508065	-0.5	
23	659.2	1431.4	0.2	-0.2	0.1	-0.9	-1.7	14641608	-0.5	
23	658.9	1431.8	0.4	-0.2	0.6	0.1	-1.8	15742481	-0.5	
23	658.6	1432.5	0.1	-0.8	1.6	-0.7	-1.9	16486221	-1.1	
23	658.3	1432.9	0.8	0.9	2.1	-0.4	-1.9	16617064	-1.6	
23	658	1433.3	1.2	-0.4	2.3	0.6	-1.7	15861743	-2	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
23	657.7	1433.4	1.2	0.5	2.1	-1	-1.1	14849291	-2.3	
23	657.4	1433.4	0.9	1	1.7	-1.4	-0.3	13774671	-2.2	
23	657.1	1433.5	-2	-3.1	1.1	-4.2	0.4	12766768	-2.3	
23	656.8	1433.8	1.3	0.2	0.3	-1.2	1.6	12102601	-2.2	
23	656.5	1433.8	-0.6	-2.3	-0.5	-3.2	2.3	11631945	-2	
23	656.2	1433.5	-0.4	-2.1	-1.7	-1.9	2.8	11317568	-1.4	
23	655.9	1433.4	-0.7	-1.8	-2.2	-2.7	2.9	11256721	-1.1	
23	655.6	1433.4	-1.2	-0.9	-2.3	-3.6	2.7	11567680	-1.3	
23	655.3	1433	0.4	-0.8	-2.3	-1.6	2.1	12172965	-1.5	
23	655	1432.6	0.3	-1.1	-2	-1.9	1.3	13085938	-1.9	
23	654.7	1432.6	0.7	-0.3	-1.6	0.2	0.8	14439655	-2.1	
23	654.4	1432.4	0.4	-0.3	-1.3	-2.2	0.3	16357422	-2.2	
23	654.1	1432.2	0.9	-0.2	-1	-0.6	0	18694197	-2	
23	653.8	1432.3	0.1	-2.9	-0.4	-1.7	-0.1		-1.9	
23	653.5	1432.5	1	-0.5	-0.1	-0.5	0.1		-2	
23	653.2	1432.8	0.9	-1.6	-0.1	-0.4	0.5		-1.9	
23	652.9	1432.9	-0.2	-1.2	-0.2	-2.2	1		-1.6	
23	652.6	1433.1	-0.2	-0.6	-0.3	-2.4	1.4		-1.4	
23	652.3	1433.2	-1.2	-3	-0.3	-3.7	1.4		-1.3	
23	652	1433	-0.5	-2	-0.4	-2.4	1.2		-1.1	
23	651.7	1432.6	-0.4	-1.1	-0.5	-2.6	0.8		-1	
23	651.4	1432.1	0.3	-1.4	-0.6	-1.8	0.3		-0.9	
23	651.1	1431.6	-0.3	-1.6	-0.7	-2.3	-0.3	19567757	-0.8	
23	650.8	1431.3	0	0.4	-0.2	-2	-1.1	17022358	-0.7	
23	650.5	1431.2	0.4	-0.4	0.3	-0.7	-1.8	15395221	-0.6	
23	650.2	1431.4	1.3	0.2	0.9	-0.1	-2.2	13865894	-0.6	
23	649.9	1431.6	1.6	1	1.4	0.6	-2.4	12462798	-0.6	
23	649.6	1432	1.3	-0.4	1.7	0.1	-2.3	11256721	-0.6	
23	649.3	1432.4	1.5	2.4	2.1	0	-2.1	10163835	-0.8	
23	649	1432.6	2.2	2.2	2.1	-0.2	-1.8	9103261	-1	
23	648.7	1432.7	1.5	1.3	1.9	-0.7	-1.3	8243110	-1.3	
23	648.4	1432.5	1.8	2.1	1.2	-0.8	-0.7	7531475	-1.6	
23	648.1	1432.6	1.2	1.3	0.5	-1.6	0.1	6955980	-1.8	
23	647.8	1432.3	1.9	3.5	-0.4	-1.9	0.5	6502329	-2.3	
23	647.5	1432	2.1	2.8	-1	-2.3	0.8	6212908	-2.6	
23	647.2	1432.2	1.7	1.7	-1.3	-2.8	1	6068841	-2.8	
23	646.9	1432.3	1.8	2.7	-1.5	-2.8	1	6016523	-3	
23	646.6	1432.5	2.5	2.3	-1.5	-2.8	1	6140030	-3.1	
23	646.3	1432.6	2.1	1.7	-1.5	-2.6	1.1	6402905	-3.2	
23	646	1432.6	2.1	2	-1.3	-2.8	1.1	6797890	-3.3	
23	645.7	1432.7	1.6	0.8	-1.1	-2.8	1.1	7269965	-3.4	
23	645.4	1432.9	1.8	0.6	-0.7	-2.8	1.2	7812500	-3.3	
23	645.1	1432.9	2	0.8	-0.4	-2.6	1.3	8275692	-3.3	
23	644.8	1433.1	2	1.1	-0.4	-2.5	1.5	8580943	-3.3	
23	644.5	1433.2	1.7	3.7	-0.4	-2.9	1.6	8797269	-3.3	
23	644.2	1433.3	2.1	0.8	-0.5	-2.6	1.7	8947650	-3.2	
23	643.9	1433.2	1.5	2.1	-0.5	-3.3	1.5	9063853	-3.1	
23	643.6	1433.1	1.5	1.9	-0.5	-3.4	1.3	9223568	-2.9	
23	643.3	1432.8	0.8	1.5	-0.5	-3.3	1	9560502	-2.4	
23	643	1432.4	0.7	1.9	-0.6	-3.3	0.6	10114734	-2	
23	642.7	1432.1	0.6	0.2	-0.8	-2.6	0.3	11019737	-1.3	
23	642.4	1431.8	0.8	0.5	-1	-2.2	0	12316177	-0.9	
23	642.1	1431.7	0.7	0	-0.8	-1.7	-0.2	13865894	-0.5	
23	641.8	1431.6	0.6	0.2	-0.9	-1.2	-0.3	15282847	-0.1	
23	641.5	1431.8	1.4	0.5	-1	0.2	-0.1	16105769	0.1	
23	641.2	1431.9	1.9	1.8	-1	0.5	0.1	15861743	0.1	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
23	640.9	1431.9	1.8	0.8	-1.1	0.6	0.3	14439655	-0.3	
23	640.6	1431.9	2.3	1.4	-1.1	0.5	0.4	12316177	-0.9	
23	640.3	1432.2	1.8	2	-1	0	0.7	10163835	-1.3	
23	640	1432.4	2.1	2.3	-0.9	-0.5	0.9	8408635	-1.9	
23	639.7	1432.3	2.1	3.3	-1.1	-0.8	0.9	7049664	-2.2	
23	639.4	1432.3	1.3	1.8	-1	-1.9	0.8	6033862	-2.4	
23	639.1	1432.5	1.2	1.6	-0.8	-2.6	0.7	5273930	-2.8	
23	638.8	1432.5	1.5	1.2	-0.8	-2.7	0.6	4715653	-3	
23	638.5	1432.7	1.1	1.4	-0.5	-2.9	0.5	4325930	-2.9	
23	638.2	1432.8	1.1	1.1	-0.4	-3	0.4	4073444	-2.6	
23	637.9	1433	0.5	0.1	-0.4	-2.9	0.4	3935621	-2.1	
23	637.6	1433.1	0.7	-0.6	-0.4	-2.6	0.4	3877315	-1.8	
23	637.3	1433.2	0.7	-0.9	-0.3	-2.1	0.5	3898976	-1.4	
23	637	1433.3	1	-0.3	-0.4	-1	0.7	3988096	-1.1	
23	636.7	1433.4	0.6	-0.9	-0.5	-1.3	0.9	4129685	-0.9	
23	636.4	1433.4	0.5	-1.7	-0.4	-1.3	0.9	4343880	-0.6	
23	636.1	1433.6	0.4	-1.1	-0.2	-1.1	0.9	4642462	-0.5	
23	635.8	1433.7	0.8	-1	-0.1	-0.6	0.9	5033053	-0.4	
23	635.5	1433.7	0.9	-0.3	0	-0.4	0.7	5524407	-0.3	
23	635.2	1433.8	0.9	-1	0.2	-0.5	0.6	6122076	-0.3	
23	634.9	1433.7	0.8	-1.3	0.3	-0.6	0.4	6797890	-0.3	
23	634.6	1433.7	0.6	-1.1	0.5	-0.8	0.2	7558664	-0.4	
23	634.3	1433.5	0.8	-1	0.5	-0.7	-0.1	8375000	-0.5	
23	634	1433.3	1	-1.5	0.5	-0.2	-0.3	9183114	-0.6	
23	633.7	1433.1	1	-1.1	0.4	-0.4	-0.5	9876179	-0.7	
23	633.4	1432.9	1	-1.1	0.3	-0.9	-0.7	10314040	-0.8	
23	633.1	1432.9	1.5	-0.1	0.2	-0.5	-0.7	10314040	-1	
23	632.8	1432.9	1.6	-0.2	0.2	-0.7	-0.7	9922986	-1.1	
23	632.5	1432.9	1.5	-0.5	0.1	-0.7	-0.6	9305556	-1.3	
23	632.2	1432.7	1.1	-0.9	-0.2	-1	-0.5	8651860	-1.4	
23	631.9	1432.8	1.4	-0.3	-0.3	-0.8	-0.2	8022031	-1.5	
23	631.6	1432.8	0.8	-1.3	-0.4	-1.5	0.1	7477679	-1.6	
23	631.3	1432.8	1	-0.5	-0.7	-1.5	0.5	7049664	-1.8	
23	631	1432.9	1.4	-0.1	-1	-1.4	1	6710737	-2	
23	630.7	1433.1	1	0.2	-1.1	-2	1.4	6482198	-2.1	
23	630.4	1433.1	1.4	0.7	-1.7	-1.7	1.8	6363982	-2.2	
23	630.1	1433.1	1	0.4	-2	-2.1	2.1	6383384	-2.3	
23	629.8	1433	0.8	0	-2.4	-2.2	2.4	6542969	-2.3	
23	629.5	1433	0.5	-0.2	-2.7	-2.6	2.7	6775890	-2.3	
23	629.2	1432.9	0.5	-0.1	-2.9	-2.6	2.9	7073480	-2.3	
23	628.9	1432.8	0.5	-0.9	-3	-2.2	2.9	7451068	-2.3	
23	628.6	1432.8	0.5	-1.4	-2.8	-2.6	2.7	7900944	-2.3	
23	628.3	1432.7	0.4	-1.4	-2.6	-2.5	2.3	8408635	-2.2	
23	628	1433.1	0.3	-2	-1.8	-3.1	1.9	8986052	-2.3	
23	627.7	1433.1	0.1	-1.7	-1.2	-2.9	1.3	9604358	-2.5	
23	627.4	1433.2	0.4	-1.7	-0.2	-3	0.5	10213415	-2.6	
23	627.1	1433.1	0.3	-1.8	0.4	-2.5	-0.2	10904948	-2.7	
23	626.8	1433.1	0.9	-0.4	1	-2	-0.8	11762641	-2.7	
23	626.5	1432.9	-0.1	-1.3	1.5	-2.9	-1.5	12924383	-2.7	
23	626.2	1432.9	0.2	-1.3	2	-2.5	-2	14439655	-2.7	
23	625.9	1432.9	0.4	-0.7	2.3	-2.3	-2.4	16357422	-2.9	
23	625.6	1432.8	0.8	-0.3	2.1	-2.3	-2.6	18862613	-2.8	
23	625.3	1432.8	0	-0.5	1.9	-2.9	-2.5		-2.7	
23	625	1432.7	0.7	0	1.4	-2.2	-2.1		-2.5	
23	624.7	1432.8	-0.3	-1	1.2	-2.2	-1.6		-1.9	
23	624.4	1432.9	-0.2	-1.2	0.9	-2.2	-1.1		-1.7	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
23	624.1	1433.1	-0.3	-0.9	0.7	-1.7	-0.5		-1.5	
23	623.8	1433.1	-0.6	-1.1	0.3	-1.5	-0.1		-1.2	
23	623.5	1433.4	-0.7	-1.1	0	-1.3	0.4		-0.9	
23	623.2	1433.6	0.2	-0.6	-0.3	-0.1	1		-0.6	
23	622.9	1433.7	0.3	-0.6	-0.5	0	1.4		-0.7	
23	622.6	1433.6	0.4	-0.5	-0.7	-0.2	1.7		-1.1	
23	622.3	1433.3	-0.2	-1	-1	-0.8	1.7	17594538	-1.4	
23	622	1433.1	-0.2	-0.8	-1.2	-0.6	1.7	15509259	-1.6	
23	621.7	1432.8	-0.1	-0.9	-1.6	-0.3	1.6	13865894	-1.7	
23	621.4	1432.8	-0.7	-1.7	-1.6	-1.2	1.6	12537425	-1.8	
23	621.1	1433.1	-0.9	-1.9	-1.5	-1.7	1.6	11631945	-1.9	
23	620.8	1433	-1.3	-2.3	-1.4	-2.7	1.4	11078042	-2	
23	620.5	1432.8	-0.7	-2.2	-1.2	-2.1	1	10737180	-1.9	
23	620.2	1432.5	-1.7	-3.3	-1.1	-3.1	0.6	10628173	-1.8	
23	619.9	1432.3	-1.3	-2.8	-0.8	-2.1	0.1	10792526	-1.5	
23	619.6	1432.2	-2.2	-3.3	-0.5	-2.6	-0.2	11317568	-1.1	
23	619.3	1432.5	-2.7	-4.1	0.2	-2.9	-0.5	12462798	-0.8	
23	619	1432.4	-1.9	-2.7	0.5	-1.8	-0.8	14744718	-0.6	
23	618.7	1432.5	-1.6	-2.6	0.8	-1.4	-1	19208716	-0.6	
23	618.4	1432.5	-1.4	-2.8	0.9	-1.1	-1.1		-0.6	
23	618.1	1432.4	-1.2	-2.2	1.1	-1.4	-1.2		-0.6	
23	617.8	1432.4	-1.2	-2.6	1.1	-1.2	-1.1		-0.6	
23	617.5	1432.6	-1.2	-2.2	1.2	-1.4	-0.9		-0.6	
23	617.2	1432.7	-1.2	-2	1.3	-1.1	-0.8		-0.6	
23	616.9	1432.8	-1.1	-1.6	1.1	-1	-0.7	-1.9E+07	-0.7	
23	616.6	1432.7	-0.7	-1.2	1	-1.2	-0.7	-1.7E+07	-0.9	
23	616.3	1432.4	-0.6	-1.1	0.8	-2.1	-0.8	-1.6E+07	-1.1	
23	616	1432.4	-0.5	-1	0.8	-2.2	-0.8	-1.7E+07	-1.3	
23	615.7	1432.3	0	-0.4	0.8	-1.9	-0.8	-1.9E+07	-1.6	
23	615.4	1432.2	0.6	0.3	0.7	-1.8	-0.8		-1.9	
23	615.1	1432.2	0.6	0.5	0.7	-2.2	-0.8		-2.2	
23	614.8	1432.3	0.9	0.5	0.5	-2.1	-0.7		-2.5	
23	614.5	1432.3	1.1	0.8	0.4	-2.4	-0.6		-2.7	
23	614.2	1432.4	1.1	0.2	0.2	-2.6	-0.4		-2.9	
23	613.9	1432.4	2.4	2.5	-0.1	-1.8	-0.2		-3.2	
23	613.6	1432.4	2.2	2	-0.4	-2.2	0.1		-3.2	
23	613.3	1432.2	1.8	1.4	-0.8	-2.6	0.3		-3.2	
23	613	1432.2	2.2	1.4	-1	-2.5	0.5		-3.2	
23	612.7	1432.1	2.4	2.4	-1.3	-2.2	0.7		-3	
23	612.4	1432.2	2.2	1.5	-1.4	-2.5	1		-3	
23	612.1	1432.3	2.7	3	-1.3	-2	1.1		-2.8	
23	611.8	1432.6	2.3	2.5	-1.1	-1.8	1.4		-2.5	
23	611.5	1433	2.7	3	-0.7	-1.7	1.7		-2.2	
23	611.2	1433.1	3	3.6	-0.6	-0.9	1.8		-2	
23	610.9	1433.2	2.5	3.2	-0.2	-1	1.9		-1.8	
23	610.6	1433.3	2.4	2.2	-0.2	-0.9	2		-1.6	
23	610.3	1433.2	2.6	2.3	-0.2	-0.8	2		-1.6	
23	610	1433	2.6	2.2	-0.4	-1.2	1.8		-1.6	
23	609.7	1432.7	2.7	2.9	-0.5	0.2	1.5		-1.6	
23	609.4	1432.2	2.2	2.4	-0.7	-0.8	1		-1.6	
23	609.1	1431.6	1.9	2	-0.8	-0.8	0.3		-1.7	
23	608.8	1431.3	1.7	2.4	-0.5	-1.4	-0.4		-1.8	
23	608.5	1430.9	1.7	2.6	-0.3	-1.3	-1.2		-2	
23	608.2	1430.8	1.3	2.6	0.2	-1.3	-1.9		-2.1	
23	607.9	1430.8	1.3	2	0.5	-1.6	-2.3		-2.4	
23	607.6	1431	2.3	4	1	-1.3	-2.5		-2.6	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
23	607.3	1431.1	-0.8	0.5	1.4	-4.5	-2.7		-2.7	
23	607	1431.2	0.6	2.8	1.7	-2.9	-2.7		-2.4	
23	606.7	1431.2	-0.6	2.1	1.8	-3.4	-2.5		-1.9	
23	606.4	1431.3	-0.3	1.6	1.6	-2.2	-2.1		-1.3	
23	606.1	1431.5	-0.4	1.2	1.4	-1.7	-1.4		-0.8	
23	605.8	1431.7	-1.3	0.1	1	-1.7	-0.6		0.2	
23	605.5	1431.9	-1.6	-0.4	0.5	-1.2	0.1		0.8	
23	605.2	1432	-0.5	0.7	0.1	-0.6	0.5		1.1	
23	604.9	1432	-0.7	0.5	-0.3	0.8	0.8		1.3	
23	604.6	1432.2	0	1.2	-0.6	1.2	1.1		1	
23	604.3	1432.2	-0.1	1	-0.9	0.3	1.2	18862613	0.5	
23	604	1432.3	-0.5	0.2	-1	-0.1	1.1	17447917	0.2	
23	603.7	1432	-0.6	0	-1.2	-0.8	0.7	16230620	-0.4	
23	603.4	1431.8	-0.1	0.4	-1.1	-0.4	0.2	15172102	-1	
23	603.1	1431.8	-0.4	-0.4	-0.8	-0.8	-0.3	14052014	-1.4	
23	602.8	1431.7	0.2	-0.4	-0.5	-1.5	-0.7	13085938	-1.9	
23	602.5	1431.9	0.4	-0.2	-0.3	-1.4	-0.8	12244152	-2.2	
23	602.2	1432.2	-1	-1.9	0	-3.6	-0.8	11631945	-2.5	
23	601.9	1432.6	0.8	-0.3	0.3	-1.5	-0.6	11136968	-2.6	
23	601.6	1433.1	-0.1	-1.2	0.4	-2.2	-0.2	10962042	-2.6	
23	601.3	1433.5	0	-2.4	0.4	-1.7	0.5	11136968	-2.5	
23	601	1433.7	-0.1	-2.3	0.2	-2.2	1	11631945	-2.4	
23	600.7	1433.8	-0.4	-2.2	-0.2	-2.4	1.5	12612952	-2.4	
23	600.4	1433.9	0.1	-2.1	-0.5	-2.1	2	14243197	-2.3	
23	600.1	1434	-0.1	-2.5	-0.7	-2.5	2.2	16885081	-2.1	
23	599.8	1433.9	0.1	-2.1	-0.9	-1.3	2.3		-1.9	
23	599.5	1433.6	-0.4	-3.1	-1	-2.8	1.9		-1.6	
23	599.2	1433.4	-0.4	-2.7	-0.9	-2	1.4		-1.4	
23	598.9	1433.2	-0.9	-3.6	-0.6	-2.3	0.7		-1.3	
23	598.6	1433.1	-0.6	-3.6	-0.1	-1.8	0.1		-1.2	
23	598.3	1433.1	-0.4	-2.9	0.3	-1.4	-0.3		-1.2	
23	598	1433.2	-0.4	-2.8	0.8	-1.8	-0.5		-1.2	
23	597.7	1433	0.2	-2.4	0.8	-1.4	-0.8		-1.2	
23	597.4	1432.9	0.1	-2.5	0.9	-1.5	-0.8		-1.3	
23	597.1	1432.8	0.8	-1.9	1	-1	-0.8	17895299	-1.6	
23	596.8	1432.7	0.6	-1.6	0.7	-1.3	-0.5	15062950	-1.7	
23	596.5	1432.8	0.2	-1.7	0.4	-1.5	-0.2	13251582	-1.8	
23	596.2	1432.6	0.1	-1.6	0	-2	0	12316177	-1.9	
23	595.9	1432.4	0.1	-1.6	-0.5	-2.2	0.1	11964286	-1.9	
23	595.6	1432	0.3	-1	-1.1	-2.2	0.1	12102601	-2.1	
23	595.3	1431.9	0.8	-0.5	-1.1	-2.2	0.1	12689394	-2.2	
23	595	1431.7	0.6	-1.7	-1.1	-2.4	0.1	13421474	-2.2	
23	594.7	1431.7	0.9	1.7	-0.9	-2.6	0.2	14146960	-2.2	
23	594.4	1431.7	0.8	0.2	-0.6	-2.3	0.3	14849291	-2.1	
23	594.1	1432	0.7	1.3	-0.4	-2.1	0.5	15172102	-2.1	
23	593.8	1432.2	1.1	1.4	-0.1	-1.8	0.7	15062950	-2.2	
23	593.5	1432.5	1.2	1.6	0	-1.8	1	14340754	-2.3	
23	593.2	1432.8	1.3	2.6	0.2	-2	1.4	13335987	-2.4	
23	592.9	1432.8	1.4	3	0	-2.2	1.6	12316177	-2.5	
23	592.6	1432.5	1.6	2.1	-0.4	-2	1.8	11504121	-2.7	
23	592.3	1432	1.7	2.4	-1	-2.1	1.9	11019737	-2.8	
23	592	1431.4	1.5	1.5	-1.7	-2.4	1.9	10737180	-3	
23	591.7	1431	1.2	1.3	-2.1	-1.9	1.7	10792526	-3	
23	591.4	1430.7	1.3	1.8	-2.4	-2.6	1.4	11136968	-3.1	
23	591.1	1430.5	1.4	2	-2.6	-2.2	1	11964286	-3.2	
23	590.8	1430.4	1.4	1.5	-2.5	-2.4	0.5	12924383	-3.2	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
23	590.5	1430.5	1.5	1.9	-2.1	-2.1	0.1	13684641	-3.1	
23	590.2	1430.5	1.2	1	-1.6	-2.4	-0.3	14146960	-3	
23	589.9	1430.6	1.1	0.7	-0.6	-2.8	-0.7	14243197	-2.9	
23	589.6	1430.7	1.1	2.1	0.1	-2.5	-0.9	14146960	-2.6	
23	589.3	1430.8	-0.4	-1.2	0.7	-3.5	-1.1	13595779	-2.1	
23	589	1431.2	0.5	0.6	1.3	-2.3	-1.1	12845092	-1.6	
23	588.7	1431.7	-0.4	-0.4	1.6	-2.6	-0.8	11896307	-0.7	
23	588.4	1432.1	0	0.1	1.8	-1.9	-0.6	10962042	-0.1	
23	588.1	1432.3	-0.4	0	1.8	-1.9	-0.5	10263481	0.8	
23	587.8	1432.3	-0.3	-0.4	1.6	-1.1	-0.4	9829812	1.5	
23	587.5	1431.8	0.2	0.3	1.2	-0.1	-0.5	9560502	1.9	
23	587.2	1431.5	0.5	0.4	0.9	0.7	-0.5	9347098	2.2	
23	586.9	1431.4	0.7	1.1	0.5	1.6	-0.5	9103261	2	
23	586.6	1431.3	1.2	1.6	0.1	1.3	-0.6	8909575	1.5	
23	586.3	1431.2	1.5	2.4	-0.1	0.9	-0.9	8723959	0.7	
23	586	1431.4	2.2	2.8	-0.4	0.8	-0.9	8545919	-0.2	
23	585.7	1431.6	3.1	3.5	-0.6	1	-0.8	8341634	-1.2	
23	585.4	1431.6	3.5	3.9	-0.7	0.6	-0.7	8083977	-2	
23	585.1	1431.6	3.3	3.1	-0.6	-1	-0.4	7841760	-2.8	
23	584.8	1431.6	3	2.9	-0.7	-2.2	0	7669414	-3.4	
23	584.5	1431.9	2.7	1.9	-0.5	-3	0.4	7613637	-3.8	
23	584.2	1432.4	2.3	1.7	-0.1	-4.1	0.9	7726015	-4.1	
23	583.9	1432.8	3.1	2.9	0.4	-3.4	1.2	8083977	-4.2	
23	583.6	1433.3	2.4	2.3	0.9	-4.4	1.4	8760460	-4.2	
23	583.3	1433.6	2.2	2.1	1.2	-4.7	1.3	9922986	-4	
23	583	1433.7	2.1	1.8	1.2	-4.7	1	11964286	-3.9	
23	582.7	1433.5	2.7	1.9	1.2	-3.8	0.5	15625000	-3.8	
23	582.4	1433.1	3.2	2.6	1	-2.8	0		-3.8	
23	582.1	1432.7	3.2	2.3	0.3	-2.4	-0.3		-3.7	
23	581.8	1432	3.4	2.6	-0.4	-1.9	-0.7		-3.6	
23	581.5	1431.2	3.1	2.4	-1.4	-2.5	-0.8		-3.4	
23	581.2	1430.7	3	1.9	-2.1	-2	-0.8		-3.1	
23	580.9	1430.7	2.7	1.5	-2.7	-1.6	-0.3		-2.8	
23	580.6	1431.3	2.3	1	-2.9	-0.9	0.6		-2.4	
23	580.3	1432.1	2.1	0.7	-2.8	-1.2	1.5		-1.9	
23	580	1432.7	1.4	-0.2	-2.4	-2.1	2.1		-1.4	
23	579.7	1433.4	1.1	-0.6	-1.7	-2.2	2.4		-1.2	
23	579.4	1433.8	1.2	-0.3	-1	-2	2.5		-1.1	
23	579.1	1434	1.3	0.1	-0.2	-1.6	2.3	16357422	-1.1	
23	578.8	1433.9	1.3	0	0.2	-1.2	2	13421474	-1.1	
23	578.5	1433.9	0.7	-0.7	0.6	-1.7	1.6	11829096	-1	
23	578.2	1433.6	-0.5	-1.9	0.5	-2.2	1	10904948	-0.9	
23	577.9	1433.3	0.2	-1.3	0.3	-1.5	0.4	10314040	-1	
23	577.6	1432.8	0.9	-0.3	0	-0.4	-0.2	9922986	-1	
23	577.3	1432.7	1	-0.1	-0.4	-0.2	-0.3	9517046	-1.1	
23	577	1432.6	0.9	-0.2	-0.9	-0.3	-0.2	9143013	-1.2	
23	576.7	1432.5	0.6	1	-1.3	-1	0	8797269	-1.2	
23	576.4	1432.7	-0.1	-0.6	-1.3	-1.7	0.3	8442541	-1.2	
23	576.1	1432.7	0.1	0.5	-1.5	-1.3	0.5	8022031	-1.2	
23	575.8	1432.9	-0.7	-0.7	-1.2	-1.7	0.7	7641424	-1.1	
23	575.5	1433.2	-0.7	-0.3	-0.8	-2.1	0.9	7346491	-1.1	
23	575.2	1433.3	-0.7	-0.4	-0.2	-2.7	0.9	7170377	-1.1	
23	574.9	1433.4	-0.9	-1.1	0.3	-3.1	0.7	7195017	-1.1	
23	574.6	1433.6	-1.1	-1.6	0.9	-3.8	0.4	7477679	-1.2	
23	574.3	1433.6	-0.6	-1.3	1.4	-3.2	-0.1	8052885	-1.2	
23	574	1433.5	-0.5	-1.7	1.7	-3	-0.7	9024785	-1.1	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
23	573.7	1433.4	-0.3	-1.8	2.1	-2.7	-1.3	10468750	-1.1	
23	573.4	1433.3	0.3	-1.9	2.2	-1.9	-1.8	12537425	-1.1	
23	573.1	1432.9	0.4	-2.7	1.9	-1.5	-2.2	15062950	-1.2	
23	572.8	1432.5	1	-2.5	1.5	-0.8	-2.5	17447917	-1.3	
23	572.5	1432.1	1.3	-2	1	-0.6	-2.5	18206522	-1.4	
23	572.2	1432	2	-1	0.5	0.1	-2.1	16750000	-1.8	
23	571.9	1432.1	2.2	-0.5	0.1	-0.4	-1.5	14146960	-2.3	
23	571.6	1432.2	2.9	0.6	-0.5	-0.2	-0.8	11567680	-2.7	
23	571.3	1432.5	2.6	-0.5	-0.9	-1	0.1	9648618	-3	
23	571	1432.9	3	0.6	-1.1	-1	0.9	8308532	-3.2	
23	570.7	1433.3	2.2	0	-1.1	-1.8	1.6	7504480	-3	
23	570.4	1433.6	1.7	-0.4	-1	-2.2	2.1	7170377	-2.8	
23	570.1	1433.7	2	-0.7	-0.9	-1.7	2.3	7244810	-2.5	
23	569.8	1433.6	1.3	-1.9	-1	-2.3	2.3	7669414	-1.9	
23	569.5	1433.4	1.3	-1.9	-1.2	-1.8	2.2	8442541	-1.4	
23	569.2	1433.4	1.4	-2	-1.2	-1.5	2.1	9604358	-0.9	
23	568.9	1433.2	1.5	-1.6	-1.3	-0.9	1.7	11019737	-0.5	
23	568.6	1433	1.4	-1.6	-1.3	-0.9	1.3	12612952	-0.4	
23	568.3	1432.7	1.6	-1.1	-1.6	-0.5	0.9	14052014	-0.5	
23	568	1432.5	1.3	-1	-1.6	-0.6	0.6	14641608	-0.6	
23	567.7	1432.5	1.1	-1	-1.5	-0.9	0.4	14340754	-0.9	
23	567.4	1432.6	1.5	0.1	-1.4	-0.4	0.4	13251582	-1.2	
23	567.1	1432.8	1.3	0.2	-1.1	-1.2	0.4	12244152	-1.4	
23	566.8	1432.9	1	-0.2	-0.9	-2.1	0.4	11441257	-1.6	
23	566.5	1433.1	1.1	-0.2	-0.4	-2.2	0.4	11019737	-1.9	
23	566.2	1433.2	0.8	-0.5	-0.1	-2.3	0.4	11078042	-2	
23	565.9	1433.4	1	0.3	0.4	-2.4	0.4	11567680	-2.1	
23	565.6	1433.5	0.9	1.4	0.7	-2.4	0.3	12689394	-2.2	
23	565.3	1433.6	0.3	0.1	1	-2.6	0	14744718	-2.1	
23	565	1433.6	0.2	-0.7	1.3	-2.9	-0.5	17895299	-2	
23	564.7	1433.6	0.9	-0.1	1.6	-2.5	-1.1		-2	
23	564.4	1433.4	1.7	0.8	1.6	-1.5	-1.6		-1.9	
23	564.1	1433.1	1.4	0.8	1.4	-1.4	-1.9		-1.7	
23	563.8	1432.8	0.8	0.9	1.1	-1.5	-2		-1.4	
23	563.5	1432.5	1	0.9	0.7	-1.1	-1.9		-1.3	
23	563.2	1432.4	1	1.7	0.3	-1.1	-1.5		-1.3	
23	562.9	1432.6	0.6	1.3	-0.1	-1	-0.9	18528761	-1.3	
23	562.6	1433	0.8	1.5	-0.3	-0.6	0	14439655	-1.4	
23	562.3	1433.5	1.5	2.4	-0.6	-0.6	1	11829096	-1.6	
23	562	1433.9	1.7	2.8	-1	-1.3	2	10314040	-1.6	
23	561.7	1434.2	1.1	1.7	-1	-2	2.6	9431306	-1.7	
23	561.4	1434.2	1.1	1.6	-1.2	-1.8	2.8	8986052	-1.7	
23	561.1	1434	0.7	1	-1.3	-2.1	2.7	8871822	-1.6	
23	560.8	1433.8	0.8	0.5	-1.3	-1.8	2.4	9063853	-1.6	
23	560.5	1433.5	0.4	0	-1.4	-1.7	1.9	9517046	-1.5	
23	560.2	1433	-0.2	-1.2	-1.6	-2.2	1.2	10163835	-1.4	
23	559.9	1432.7	0.2	-1.1	-1.5	-1.9	0.5	10848446	-1.3	
23	559.6	1432.3	1.1	-0.9	-1.5	-1.3	-0.1	11504121	-1.3	
23	559.3	1432.2	1.5	-0.7	-1.2	-0.5	-0.5	12102601	-1.3	
23	559	1432.5	1.6	-1.3	-0.8	-0.3	-0.5	12612952	-1.3	
23	558.7	1432.7	1.4	-1.2	-0.3	-0.4	-0.4	12845092	-1.3	
23	558.4	1433	1	-2	0	-0.8	-0.1	12845092	-1.3	
23	558.1	1433.4	0.6	-1.6	0.3	-1	0.4	12766768	-1.4	
23	557.8	1433.7	0.4	-1.3	0.6	-1.2	0.7	12689394	-1.5	
23	557.5	1433.9	0.1	-1.9	0.8	-2.1	1	12845092	-1.8	
23	557.2	1433.8	0.6	-0.7	0.9	-2.3	1	13335987	-1.9	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
23	556.9	1433.7	0.4	-0.9	0.8	-2.9	1	14052014	-2	
23	556.6	1433.4	0.2	-1.2	0.7	-3.3	0.7	14955357	-2	
23	556.3	1432.8	0.3	-1.2	0.5	-3.1	0.2	15982825	-2.1	
23	556	1432.4	0.3	-1.1	0.3	-2.7	-0.3	17161885	-2.1	
23	555.7	1432	0.1	-1.5	0.2	-2	-0.9	18528761	-2.1	
23	555.4	1431.7	0.4	-0.9	0.3	-2.1	-1.4	19567757	-2.2	
23	555.1	1431.6	0.6	-0.5	0.2	-1.2	-1.6	19386574	-2.4	
23	554.8	1431.5	0.9	-0.6	0.3	-1.9	-1.7	17743644	-2.7	
23	554.5	1431.5	1.1	-0.2	0.6	-1.5	-1.6	15395221	-2.9	
23	554.2	1431.6	1.5	0.5	0.8	-1.4	-1.3	13168239	-3.3	
23	553.9	1431.6	1.3	0.2	1.1	-1.9	-0.9	11379076	-3.5	
23	553.6	1431.7	0.9	0.1	1.1	-2.1	-0.4	10066106	-3.4	
23	553.3	1431.9	-0.6	-1.6	1.1	-3.7	0.1	9103261	-3.2	
23	553	1431.9	0.2	-0.7	0.8	-2.8	0.4	8476721	-2.7	
23	552.7	1432	-1.3	-1.6	0.4	-4	0.7	8146887	-2	
23	552.4	1431.9	-0.4	-0.6	0.1	-2.9	0.7	8146887	-1.6	
23	552.1	1431.2	-1	-1.9	-0.8	-2.5	0.5	8511179	-0.8	
23	551.8	1430.7	-1	-2.7	-1.4	-1.9	0.4	9264381	-0.1	
23	551.5	1430	-0.9	-2.3	-2.1	-1.1	0.3	10416667	0.6	
23	551.2	1429.6	-1.1	-1.9	-2.9	-0.3	0.4	11896307	1.3	
23	550.9	1429.5	-0.4	-1.4	-3.1	1.1	0.4	13595779	1.3	
23	550.6	1429.7	0.1	-0.9	-3	1.5	0.5	15625000	1.1	
23	550.3	1430.2	0.7	0.1	-2.6	2.4	0.7	17594538	0.8	
23	550	1430.8	0.8	0	-2.2	2.1	1	19034091	0.4	
23	549.7	1431.5	0.3	-1.2	-1.3	1.2	1.2	19752359	0.1	
23	549.4	1431.8	0	-1.7	-0.9	0.5	1.3	19752359	-0.2	
23	549.1	1432.1	0.3	-0.8	-0.3	0.1	1.4	19386574	-0.6	
23	548.8	1432.4	0.1	-1	0.2	-0.3	1.4	19386574	-1	
23	548.5	1432.5	0.2	-0.5	0.5	-0.9	1.3	19752359	-1.3	
23	548.2	1432.5	-0.8	-1.6	0.8	-2.4	1		-1.4	
23	547.9	1432.3	-0.4	-0.8	0.7	-2.4	0.7		-1.4	
23	547.6	1432	-1.4	-1.2	0.4	-3.3	0.2		-1.4	
23	547.3	1432	-0.6	-0.8	0.4	-2.3	-0.2		-1.4	
23	547	1432	-0.3	-1.4	0.5	-1.6	-0.4		-1.5	
23	546.7	1432	0.1	-1.4	0.7	-1.5	-0.5		-1.6	
23	546.4	1432	0	-1.6	0.8	-1.8	-0.5		-1.7	
23	546.1	1431.9	0	-1.4	0.9	-2.1	-0.5		-1.8	
23	545.8	1431.8	0.3	-0.7	0.8	-1.7	-0.5		-2.1	
23	545.5	1431.6	0.5	-0.1	0.5	-2	-0.3		-2.3	
23	545.2	1431.9	0.2	-0.2	0.5	-1.4	0.1		-2.4	
23	544.9	1432.1	0.4	0.3	0	-1.6	0.5		-2.6	
23	544.6	1432	-0.4	-1	-0.6	-3.1	0.7		-2.6	
23	544.3	1431.6	-0.3	-0.7	-1.4	-3.1	0.7	18862613	-2.6	
23	544	1431	0.2	0	-2.1	-2.6	0.6	17303719	-2.7	
23	543.7	1430.6	0.5	0.2	-2.5	-2.1	0.4	16617064	-2.7	
23	543.4	1430.4	0.6	0.3	-2.8	-2.4	0.3	16617064	-2.7	
23	543.1	1430.4	0.8	0.7	-2.5	-2.1	0.2	17447917	-2.6	
23	542.8	1430.6	-0.1	-0.5	-2.3	-2.6	0.1	18862613	-2.4	
23	542.5	1431.2	-0.5	-1.1	-1.6	-2.8	0		-2.3	
23	542.2	1431.8	0.4	-0.5	-0.9	-1.7	-0.1		-2.2	
23	541.9	1432.5	0.3	-0.8	0	-1.5	0		-2.1	
23	541.6	1433.1	0.3	-1.2	0.7	-1.6	0.1		-1.9	
23	541.3	1433.5	-0.2	-1.5	1.1	-2.1	0.3		-1.6	
23	541	1433.9	0.3	-0.6	1.3	-1.9	0.5		-1.4	
23	540.7	1433.8	0.1	0.7	1.3	-2.2	0.4		-1.3	
23	540.4	1433.6	0.1	-0.1	0.9	-1.7	0.4		-1.2	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
23	540.1	1433.6	-0.3	1	0.7	-1.5	0.3		-1.2	
23	539.8	1433.5	0.3	0.7	0.4	-1.4	0.1		-1.2	
23	539.5	1433.5	-0.3	0.7	0.1	-2.2	-0.1		-1.1	
23	539.2	1433.6	-0.1	0.9	-0.1	-1.7	-0.3		-1.1	
23	538.9	1433.7	0.2	1.1	-0.2	-1.2	-0.5		-1.1	
23	538.6	1433.8	1.1	2.2	-0.2	-0.7	-0.6		-1.2	
23	538.3	1433.8	1.2	1.6	0	-0.6	-0.6		-1.3	
23	538	1433.9	1.3	1.2	0.3	-0.8	-0.5		-1.4	
23	537.7	1434.1	0.5	-0.2	0.5	-1.1	-0.4		-1.6	
23	537.4	1434.3	0.6	-0.2	0.9	-1.4	-0.4	-1.7E+07	-1.7	
23	537.1	1434.6	1.3	1	1.1	-0.5	-0.3	-1.6E+07	-1.8	
23	536.8	1434.9	0.7	0.7	1.5	-1	-0.2	-1.5E+07	-1.8	
23	536.5	1435.2	0.9	0.6	1.5	-1.3	0	-1.5E+07	-1.9	
23	536.2	1435.3	0.9	0.8	1.6	-1.8	0.1	-1.6E+07	-2	
23	535.9	1435	1	0.8	1.5	-1.7	0	-1.6E+07	-2.1	
23	535.6	1434.6	1.2	2	1.2	-1.8	0.1	-1.7E+07	-2.3	
23	535.3	1434.3	0.4	0.8	0.9	-1.9	0.1	-1.7E+07	-2.2	
23	535	1434.1	0.3	1.7	0.5	-2.1	0.1	-1.6E+07	-2.1	
23	534.7	1434	0.3	0.9	0.2	-2.7	0.1	-1.4E+07	-2	
23	534.4	1433.7	-0.1	0.2	0	-2.4	-0.2	-1.2E+07	-1.7	
23	534.1	1433.7	0.4	0.3	-0.1	-1.4	-0.3	-1.1E+07	-1.5	
23	533.8	1433.5	0.4	0.4	-0.1	-1.2	-0.4	-9604358	-1.2	
23	533.5	1433.2	0	0	-0.2	-0.9	-0.4	-8834388	-0.6	
23	533.2	1432.7	0.2	-0.1	-0.4	-0.6	-0.5	-8341634	-0.3	
23	532.9	1432.5	-0.3	-0.8	-0.5	-0.5	-0.5	-8022031	0	
23	532.6	1432.7	0.1	-0.1	-0.4	-0.1	-0.3	-7930871	-0.4	
23	532.3	1432.8	0.7	0.3	-0.6	0	-0.1	-8052885	-1	
23	532	1433	0.6	1	-0.8	-0.1	0.2	-8375000	-1.4	
23	531.7	1433.1	-0.2	0.1	-1.2	-1.5	0.4	-8723959	-1.6	
23	531.4	1432.7	0	-0.2	-1.6	-1.8	0.4	-9103261	-1.7	
23	531.1	1432.6	-0.3	-0.8	-1.5	-1.8	0.4	-9347098	-1.7	
23	530.8	1432.7	-0.2	-0.8	-1.1	-2.1	0.4	-9347098	-2	
23	530.5	1432.7	0.1	-0.7	-1.1	-1.9	0.4	-9183114	-2.2	
23	530.2	1432.7	-0.6	-0.5	-0.7	-2.9	0.2	-8834388	-2.2	
23	529.9	1433	-0.8	-0.3	-0.2	-3.5	-0.1	-8341634	-2.2	
23	529.6	1433.6	-1.2	-1.6	0.7	-3.3	-0.5	-7783457	-1.6	
23	529.3	1434	-1	-1.3	1.3	-2.4	-0.8	-7244810	-1.5	
23	529	1434.2	-0.2	-0.5	2	-2	-1.2	-6775890	-1.4	
23	528.7	1434.2	-0.4	-0.2	2.4	-2	-1.6	-6383384	-1.4	
23	528.4	1434.2	-0.4	-0.7	2.4	-2	-1.8	-6068841	-1.4	
23	528.1	1434.2	-0.2	-0.3	2.4	-2.1	-1.8	-5832173	-1.6	
23	527.8	1433.8	0.1	0	2	-1.7	-1.8	-5643531	-1.7	
23	527.5	1433.8	0.2	0.5	1.6	-1.5	-1.5	-5495407	-2	
23	527.2	1433.8	0.3	0	1.1	-1.3	-1.3	-5382391	-2.3	
23	526.9	1433.8	0	0.3	0.7	-1.7	-1	-5273930	-2.4	
23	526.6	1434.2	0.8	0.9	0.4	-1.8	-0.5	-5144349	-2.6	
23	526.3	1434.2	0.8	0.6	0.4	-1.7	-0.2	-4973278	-2.6	
23	526	1434.6	0.6	-0.5	0.4	-1.8	0.1	-4791190	-2.6	
23	525.7	1434.6	0.6	-0.6	0.6	-2	-0.1	-4601649	-2.6	
23	525.4	1434.5	0.8	-0.5	1	-1.9	-0.3	-4407895	-2.6	
23	525.1	1434.4	0.2	-0.3	1.3	-2.3	-0.8	-4246958	-2.4	
23	524.8	1434.3	-0.1	-0.7	1.5	-2.6	-1.2	-4121555	-2.4	
23	524.5	1434.3	-0.3	-1.6	1.7	-2.2	-1.5	-4041989	-2.2	
23	524.2	1434.4	0.2	-0.5	1.6	-2	-1.5	-4041989	-2.2	
23	523.9	1433.9	0.3	-0.6	1.2	-1.9	-1.7	-4097359	-2.1	
23	523.6	1433.9	0.1	-0.8	0.9	-1.7	-1.5	-4212777	-1.9	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
23	523.3	1434	0.2	-0.8	0.6	-1.8	-1.1	-4380230	-2	
23	523	1433.8	0.1	-1.1	0.3	-2.1	-0.8	-4601649	-1.9	
23	522.7	1434	0	-0.4	0	-1.8	-0.2	-4846644	-1.8	
23	522.4	1434.2	-0.1	-0.4	-0.2	-1.5	0.4	-5057367	-1.9	
23	522.1	1434.4	-0.5	-0.8	-0.4	-1.8	0.9	-5195410	-1.9	
23	521.8	1434.3	-0.7	-0.6	-0.6	-2.6	1	-5195410	-1.8	
23	521.5	1434.5	-0.5	-0.9	-0.2	-2.6	1.1	-5081918	-1.9	
23	521.2	1434.5	-0.7	-1.1	0.1	-2.6	0.9	-4903396	-1.8	
23	520.9	1434.5	-0.6	-0.6	0.5	-2.4	0.5	-4694507	-1.9	
23	520.6	1434.2	-0.1	-0.3	0.8	-2.2	0	-4454788	-1.9	
23	520.3	1434	-0.2	0.1	0.9	-1.8	-0.5	-4212777	-1.8	
23	520	1433.7	-0.8	-0.9	0.8	-1.8	-1.1	-4003346	-1.7	
23	519.7	1433.6	-0.9	-1.6	0.9	-1.8	-1.7	-3834707	-1.6	
23	519.4	1433.5	0.1	-0.5	1	-1	-2.1	-3725534	-1.7	
23	519.1	1433.3	0.1	0.3	0.8	-1.1	-2.3	-3654014	-1.8	
23	518.8	1433	0.1	0.1	0.6	-0.8	-2.4	-3616149	-1.9	
23	518.5	1433	-0.3	0	0.4	-1.1	-2.3	-3603701	-1.9	
23	518.2	1433.1	0.2	0.4	0.3	-1.2	-2	-3585189	-2	
23	517.9	1433.3	-0.5	-0.6	0.3	-1.5	-1.7	-3554754	-2	
23	517.6	1433.9	-1.2	-0.6	0.4	-1.9	-1.4	-3518908	-2.1	
23	517.3	1434.4	-0.8	0	0.7	-1.6	-1.2	-3460744	-2	
23	517	1434.9	-0.4	0.8	1	-1.5	-1.1	-3393436	-1.7	
23	516.7	1435	-0.6	0.4	1.2	-1.5	-1.2	-3312896	-1.2	
23	516.4	1435	-1.2	-1	1.7	-1.7	-1.4	-3221154	-0.6	
23	516.1	1435.2	-1.5	-1.1	2.2	-1.1	-1.5	-3134357	-0.3	
23	515.8	1435.3	-1	-0.6	2.6	-0.7	-1.8	-3061039	0.1	
23	515.5	1435.4	-1.8	-1.6	2.9	-0.6	-1.9	-3021285	0.7	
23	515.2	1436	-2	-2.1	3	0	-1.7	-3008262	1.1	
23	514.9	1436.3	-1.5	-1.7	2.9	0.7	-1.4	-3021285	1.2	
23	514.6	1436.5	-1.3	-1.6	2.5	0.4	-0.9	-3043242	1.1	
23	514.3	1436.6	-0.6	-0.6	2	0.7	-0.2	-3074523	0.5	
23	514	1436.4	-0.2	-1	1.2	0.7	0.4	-3092689	0	
23	513.7	1436.1	-1	-1.8	0.2	-0.6	1	-3101852	-0.5	
23	513.4	1435.9	-0.6	-1.2	-0.5	-1.2	1.5	-3079045	-1	
23	513.1	1435.6	-0.4	-1	-1.2	-0.8	1.8	-3016931	-1.4	
23	512.8	1435.4	-0.6	-1.4	-1.5	-1.5	1.8	-2932424	-1.9	
23	512.5	1435.1	-1.1	-1.3	-1.7	-2.4	1.5	-2825574	-2.4	
23	512.2	1434.9	-0.7	-0.6	-1.5	-2.7	1	-2712112	-2.8	
23	511.9	1434.6	-1	-0.7	-1.1	-3.3	0.2	-2594486	-3.1	
23	511.6	1434.6	-0.5	-0.7	-0.4	-3.2	-0.5	-2492560	-3.2	
23	511.3	1434.5	-0.2	-0.5	0.4	-2.7	-1.1	-2401090	-3.1	
23	511	1434.5	0.2	0.1	1	-2.6	-1.5	-2336775	-3	
23	510.7	1434.5	-0.1	-0.3	2	-2.9	-2	-2298299	-2.9	
23	510.4	1434.2	0	-0.1	2.3	-2.7	-2.3	-2288252	-2.8	
23	510.1	1434.2	-0.7	-0.7	2.9	-2.9	-2.4	-2300825	-2.6	
23	509.8	1434.2	-0.2	-0.1	3.3	-2.6	-2.4	-2336775	-2.6	
23	509.5	1434.4	-0.9	-0.4	3.5	-3	-2.1	-2395596	-2.5	
23	509.2	1434.5	-0.8	-0.1	3.4	-2.8	-1.9	-2477811	-2.3	
23	508.9	1434.4	-0.2	0.3	3.2	-2.6	-1.8	-2575339	-2.3	
23	508.6	1434.2	0.1	0.8	3	-2.5	-1.8	-2684295	-2.3	
23	508.3	1433.5	0.2	0.8	2.3	-2.3	-2.1	-2791667	-2.2	
23	508	1432.9	0.3	0.4	1.9	-2	-2.3	-2887932	-2.1	
23	507.7	1432.3	0.2	0.4	1.2	-1.7	-2.4	-2969859	-2	
23	507.4	1431.7	0.3	1.1	0.8	-1.5	-2.5	-3034421	-1.8	
23	507.1	1431.4	0.3	1.2	0.4	-1.5	-2.5	-3079045	-1.9	
23	506.8	1431.4	-0.1	-0.2	0.4	-1.5	-2.5	-3097264	-1.7	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
23	506.5	1431.5	0.5	0.4	0.3	-1.1	-2.3	-3101852	-1.6	
23	506.2	1431.6	0.4	0.3	0.2	-1	-2	-3106455	-1.5	
23	505.9	1432.1	0.7	1	0.6	-0.5	-1.5	-3097264	-1.4	
23	505.6	1432.5	0.4	0.2	0.7	-0.9	-1	-3083579	-1.4	
23	505.3	1432.8	0.6	1.1	0.9	-0.9	-0.6	-3061039	-1.4	
23	505	1432.7	0.3	1.5	1	-1.5	-0.5	-3021285	-1.4	
23	504.7	1432.5	0.8	1.6	1	-0.8	-0.7	-2965652	-1.3	
23	504.4	1432.5	0.1	0.5	1.1	-1	-0.8	-2891920	-1.2	
23	504.1	1432.5	0.2	0.8	1.4	-0.9	-1.1	-2795394	-0.9	
23	503.8	1432.5	-0.2	1	1.7	-1.5	-1.5	-2684295	-0.9	
23	503.5	1432.5	-0.6	0.9	1.8	-1.9	-2	-2562730	-1	
23	503.2	1432.6	-0.5	0.5	2	-1.3	-2.5	-2445970	-1	
23	502.9	1432.6	0	1.8	1.8	-0.8	-2.8	-2342003	-0.8	
23	502.6	1432.7	0.6	2.6	2.1	0	-2.9	-2258631	-0.7	
23	502.3	1432.9	0.3	1.8	2.1	-0.5	-2.7	-2199318	-0.6	
23	502	1432.9	0	1.3	2	-0.7	-2.6	-2160733	-0.8	
23	501.7	1433	-0.1	0.5	1.8	-1.3	-2.3	-2147437	-0.9	
23	501.4	1433	0.3	0.5	1.6	-0.4	-2.1	-2158506	-1	
23	501.1	1433.4	0	1	1.6	-0.8	-1.5	-2190116	-1.1	
23	500.8	1433.7	-0.8	-0.2	1.6	-1.5	-1	-2232144	-1	
23	500.5	1434.3	-0.6	-0.2	1.7	-1.8	-0.4	-2283261	-1.2	
23	500.2	1434.4	-0.4	0.2	1.5	-2.3	0	-2334170	-1.4	
23	499.9	1434.5	-0.4	0.7	1.2	-2.2	0.3	-2373867	-1.4	
23	499.6	1434.5	-0.2	0.5	1.1	-1.9	0.5	-2403847	-1.6	
23	499.3	1434.4	0.5	1.5	0.7	-1.5	0.8	-2417726	-1.6	
23	499	1434.4	-0.3	0.2	0.8	-2.7	0.9	-2420521	-1.5	
23	498.7	1434.1	-0.1	0.1	0.4	-2.7	0.9	-2412155	-1.6	
23	498.4	1433.7	0	-0.2	0.3	-2.3	0.7	-2401090	-1.7	
23	498.1	1433.4	0.1	0.2	0	-2.2	0.5	-2398340	-1.9	
23	497.8	1433.2	0.5	0.5	0.1	-1.9	0.3	-2403847	-2.1	
23	497.5	1433.1	0.6	1.3	0.2	-1.9	0.1	-2414937	-2.2	
23	497.2	1432.9	0.3	0.5	0.2	-2.5	-0.2	-2431766	-2.1	
23	496.9	1432.7	1	1.9	0.5	-1.8	-0.7	-2445970	-2.3	
23	496.6	1432.4	1.5	2.3	0.5	-1.4	-1.1	-2457454	-2.6	
23	496.3	1432.2	2	2.2	0.5	-0.9	-1.3	-2463236	-3.1	
23	496	1431.8	2	1.9	0.6	-2	-1.7	-2460341	-3.8	
23	495.7	1431.4	1.5	1.3	0.8	-3.2	-2.1	-2443116	-4.3	
23	495.4	1431.2	1	0.7	1	-3.8	-2.4	-2414937	-4.5	
23	495.1	1431.1	1	0.8	1.1	-4	-2.6	-2381969	-4.8	
23	494.8	1431.2	1.7	1.4	1.2	-3	-2.7	-2357827	-5	
23	494.5	1431.5	0.6	0.3	1.6	-4.6	-2.7	-2357827	-5.1	
23	494.2	1431.7	0.9	1	1.8	-3.9	-2.7	-2379262	-4.9	
23	493.9	1432	-0.3	-0.8	2	-5.1	-2.7	-2428945	-4.5	
23	493.6	1432	0.4	0	2.1	-3.8	-2.7	-2504486	-4	
23	493.3	1432	0.7	0	2	-2.6	-2.4	-2613921	-3.5	
23	493	1432.1	0	-0.4	1.8	-2.2	-2	-2758564	-2.8	
23	492.7	1432.1	-0.3	-0.9	1.4	-1.8	-1.5	-2936536	-2.1	
23	492.4	1432.4	-1	-1.3	1.4	-2.2	-1	-3134357	-1.5	
23	492.1	1432.5	-0.8	-1.6	1.2	-1.3	-0.7	-3312896	-1.2	
23	491.8	1432.8	-1.6	-1.7	1.2	-1.6	-0.4	-3443668	-0.8	
23	491.5	1433.2	-1.4	-1.6	1	-0.4	0	-3489584	-0.4	
23	491.2	1433.5	-1.6	-1.4	1.1	-0.8	0.3	-3455033	-0.2	
23	490.9	1433.4	-1.9	-1.3	1	-1.2	0.3	-3323413	0.1	
23	490.6	1433.4	-2.3	-1.8	1.1	-1.1	0.1	-3125000	0.3	
23	490.3	1433.2	-2.2	-2.2	1.2	-0.8	-0.3	-2895920	0.4	
23	490	1432.7	-2.3	-2.9	1.1	-0.7	-0.9	-2667198	0.5	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
23	489.7	1432.4	-1.9	-2.2	1	0	-1.3	-2463236	0.5	
23	489.4	1432.3	-2.4	-2.4	1.1	-0.1	-1.6	-2298299	0.6	
23	489.1	1432.3	-2.4	-2.3	1.2	-0.4	-1.8	-2160733	0.6	
23	488.8	1432.1	-2.3	-2.6	1.3	-0.8	-2.1	-2056730	0.3	
23	488.5	1432.2	-1.8	-1.8	1.7	-0.1	-2.2	-1982719	0	
23	488.2	1432.4	-1.7	-0.9	2.1	-0.4	-2.2	-1936865	-0.3	
23	487.9	1432.6	-1.7	-1.1	2.3	-0.7	-2.1	-1913849	-0.7	
23	487.6	1432.7	-1.2	-0.8	2.5	-0.8	-2	-1905142	-1	
23	487.3	1432.9	-2	-1.6	2.8	-2.3	-1.9	-1905142	-1.3	
23	487	1432.9	-1.7	-1.5	2.7	-2.5	-2	-1910357	-1.7	
23	486.7	1432.6	-1.3	-1.8	2.4	-2.6	-2.1	-1924403	-2	
23	486.4	1432.3	-0.9	-0.6	2.1	-2.3	-2.1	-1942255	-2.1	
23	486.1	1432	-1.4	-1.3	1.8	-3.2	-2.1	-1958607	-2.4	
23	485.8	1431.7	-0.9	-0.9	1.3	-3.1	-2.1	-1975237	-2.6	
23	485.5	1431.6	-1.2	-1.3	0.9	-3.8	-2	-1992151	-2.8	
23	485.2	1431.7	-0.5	-1	0.6	-3.5	-1.8	-2005508	-3.2	
23	484.9	1431.7	-0.2	-0.8	-0.1	-2.6	-1.4	-2017101	-3.3	
23	484.6	1432.2	0.7	0.4	-0.4	-2.1	-0.7	-2032768	-3.5	
23	484.3	1432.3	1.1	0.1	-0.8	-2.8	0	-2046677	-3.9	
23	484	1432.5	1	-0.5	-1	-2.8	0.7	-2060778	-3.9	
23	483.7	1432.4	0.5	-1.5	-1.1	-3	1.1	-2075075	-4.1	
23	483.4	1432.7	0.9	-1.1	-0.8	-3.1	1.5	-2093751	-4.4	
23	483.1	1432.8	1.2	-0.3	-0.6	-2.7	1.7	-2112766	-4.7	
23	482.8	1433.1	0.8	-0.2	-0.3	-3.2	1.8	-2127795	-4.7	
23	482.5	1433.4	0.3	-0.7	0.5	-3.4	1.6	-2136480	-4.7	
23	482.2	1433.7	0.2	-1.5	1.3	-3.9	0.9	-2140849	-4.8	
23	481.9	1433.6	1.2	0.6	2.1	-2.9	-0.2	-2138663	-4.7	
23	481.6	1433.3	0.8	-0.1	2.9	-2.7	-1.5	-2132129	-4.3	
23	481.3	1432.9	0.2	0.5	3.5	-1.9	-2.7	-2119181	-3.5	
23	481	1432.4	0.2	-0.2	3.8	-0.8	-3.9	-2097947	-2.4	
23	480.7	1431.8	-0.4	-1.1	3.9	-0.1	-5	-2073021	-1.4	
23	480.4	1431.4	-0.8	-0.8	3.7	1	-5.7	-2050686	0	
23	480.1	1430.9	-1.7	-1.4	3.4	2.3	-6.2	-2036723	1.5	
23	479.8	1430.9	-2	-1	3.2	3.1	-6.2	-2032768	2.9	
23	479.5	1431.1	-2.3	-1.5	2.7	3.5	-5.6	-2036723	4	
23	479.2	1431.2	-2.6	-1	2.4	3.6	-5	-2046677	4.9	
23	478.9	1431.8	-3.3	-1.9	2.1	3.9	-4	-2056730	5.3	
23	478.6	1432.4	-3.7	-2.1	1.9	3.5	-2.9	-2070970	5.4	
23	478.3	1433	-4.5	-2.6	1.7	2.4	-1.8	-2089572	5	
23	478	1433.7	-4.4	-2.1	1.5	1.6	-0.8	-2112766	4.3	
23	477.7	1434	-5.2	-3	1.6	0.7	-0.2	-2134302	3.6	
23	477.4	1434.2	-4.6	-2.3	1.5	-0.2	0.1	-2158506	2.4	
23	477.1	1434.3	-4.7	-2.8	1.4	-1.4	0.1	-2183265	0.9	
23	476.8	1434.3	-3.3	-0.9	1.4	-1	0.1	-2213267	-0.4	
23	476.5	1434.4	-3.9	-1.5	1.6	-3	-0.1	-2253768	-1.9	
23	476.2	1434.4	-3.7	-1.4	1.9	-3.5	-0.4	-2305893	-2.9	
23	475.9	1434.5	-3.5	-1.7	2.2	-4.2	-0.8	-2371178	-3.9	
23	475.6	1434.5	-2.7	-1	2.3	-4.3	-1.2	-2443116	-4.9	
23	475.3	1434.3	-2.8	-1.1	2.5	-4.7	-1.7	-2522591	-5.6	
23	475	1434.3	-2.1	-0.9	2.8	-4.6	-2	-2607410	-6.5	
23	474.7	1434.6	-2.5	-0.5	2.8	-5.6	-1.9	-2687741	-6.9	
23	474.4	1434.3	-2.7	-1	2.5	-6.2	-2	-2747704	-6.7	
23	474.1	1433.9	-2.4	-1.1	2.1	-6	-2	-2780545	-6.5	
23	473.8	1433.4	-2.4	-1.5	1.6	-5.4	-2	-2769511	-6.1	
23	473.5	1433.2	-1.9	-0.5	1.3	-4.5	-1.8	-2726238	-5.3	
23	473.2	1433	-2.2	-1.3	0.9	-4.3	-1.5	-2646966	-4.4	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
23	472.9	1432.9	-2.2	-1	0.8	-3.5	-1.3	-2544047	-3.4	
23	472.6	1432.9	-3.3	-2.8	0.6	-4.2	-1.1	-2417726	-2	
23	472.3	1433.1	-2.8	-2.6	0.3	-2.6	-0.8	-2283261	-1	
23	472	1433.2	-3.1	-3.8	0.6	-2.7	-0.8	-2156283	-0.4	
23	471.7	1433.2	-1.8	-2.9	0.7	-0.6	-0.7	-2052697	0.4	
23	471.4	1433.2	-2.4	-3.4	0.9	-0.4	-0.6	-1978971	1.1	
23	471.1	1432.9	-1.9	-2.4	0.9	0.6	-0.7	-1929724	1.7	
23	470.8	1432.7	-1.9	-2.8	1	1.5	-0.9	-1910357	2.3	
23	470.5	1432.6	-1.4	-2.6	0.9	2.2	-1	-1922636	2.6	
23	470.2	1432.6	-0.1	-0.9	0.8	4.3	-1	-1962278	2.6	
23	469.9	1432.5	0.1	-0.2	0.6	4.2	-1.1	-2030796	2.4	
23	469.6	1432.5	1.1	0.9	0.6	4.5	-1.1	-2123479	1.7	
23	469.3	1432.5	0.8	-0.4	0.6	2.7	-1.1	-2232144	1.1	
23	469	1432.3	0.7	-0.1	0.8	2	-1.3	-2355175	0.3	
23	468.7	1432.2	0.2	0	1.1	0.9	-1.4	-2477811	-0.5	
23	468.4	1432.3	0.1	-0.1	1.1	0.2	-1.3	-2581690	-1.2	
23	468.1	1432.5	0.2	0.6	1.1	-0.7	-1.1	-2653676	-2	
23	467.8	1432.6	-0.3	0.5	1.2	-2.5	-1.1	-2694660	-2.4	
23	467.5	1432.9	-0.5	1.2	1.3	-3.4	-0.9	-2715630	-3	
23	467.2	1432.9	-0.2	1.8	1.1	-3.9	-0.8	-2726238	-3.5	
23	466.9	1432.7	0.1	2.4	0.7	-3.7	-0.7	-2740511	-3.8	
23	466.6	1432.4	0.5	3.1	0	-3.1	-0.4	-2758564	-4	
23	466.3	1432.2	-0.4	2.9	-0.6	-3.6	0	-2795394	-4.2	
23	466	1432.2	-0.7	3	-1.1	-4.4	0.4	-2860315	-4.4	
23	465.7	1432.3	-0.7	3.8	-1.2	-4	0.5	-2965652	-4.5	
23	465.4	1432.4	-0.2	4.2	-1.3	-3.7	0.7	-3115700	-4.6	
23	465.1	1432.6	-0.3	4.9	-1.2	-3.4	0.9	-3318146	-4.5	
23	464.8	1432.8	-0.7	3.9	-0.9	-3.9	1	-3566866	-4.4	
23	464.5	1432.9	-0.7	4	-0.3	-3.9	1	-3841744	-4.1	
23	464.2	1433.3	-1.5	1.8	0.5	-4.6	0.9	-4162525	-3.8	
23	463.9	1433.4	-2.2	1.7	1.4	-4.5	0.4	-4493026	-3.6	
23	463.6	1433.5	-1.5	2.2	2.2	-3.4	-0.1	-4835451	-3.3	
23	463.3	1433.5	-2.6	0.9	2.8	-4.1	-0.8	-5131741	-2.7	
23	463	1433.4	-2	0.7	3.2	-3.4	-1.5	-5382391	-2.1	
23	462.7	1432.8	-2.4	0.4	3.3	-3.2	-2.5	-5583334	-1.6	
23	462.4	1432.4	-2.1	0	3.7	-2.1	-3.5	-5767907	-1.2	
23	462.1	1431.8	-1.9	0.6	3.6	-1.3	-4.5	-5931303	-0.6	
23	461.8	1431.4	-1.9	0.8	3.4	0	-5.1	-6176254	0.1	
23	461.5	1431	-2.2	0.2	2.8	0.5	-5.3	-6502329	0.9	
23	461.2	1430.6	-2.1	0.3	2.2	0.8	-5.4	-6979167	1.3	
23	460.9	1430.7	-1.7	0.2	1.9	2	-5	-7697610	1.2	
23	460.6	1431	-1.2	1	1.6	2.1	-4.3	-8723959	1	
23	460.3	1431.3	-1.3	0.9	1.4	1.3	-3.5	-1E+07	0.5	
23	460	1431.7	-1.7	1.6	1.3	0.4	-2.6	-1.2E+07	0.1	
23	459.7	1432.4	-1.7	1.1	1.5	-0.1	-1.7	-1.5E+07	-0.1	
23	459.4	1433	-2	1.1	1.3	-0.5	-0.8	-1.8E+07	-0.5	
23	459.1	1433.6	-1.4	0.4	1.4	-0.4	-0.1		-0.8	
23	458.8	1434	-1.7	0.7	1.5	-1.2	0.4		-1	
23	458.5	1434.1	-2.4	-0.5	1.5	-2.2	0.5		-1.1	
23	458.2	1434	-2.6	-0.7	1.1	-2.5	0.4	-1.9E+07	-1.1	
23	457.9	1433.9	-1.8	-0.4	0.9	-1.6	0.4	-1.7E+07	-1	
23	457.6	1433.7	-1.9	-1.8	0.4	-1.4	0.4	-1.5E+07	-1.1	
23	457.3	1433.4	-1.5	-1.6	-0.3	-0.9	0.4	-1.3E+07	-1.1	
23	457	1433.5	-2	-3.1	-0.6	-1.3	0.5	-1.2E+07	-1.3	
23	456.7	1433.6	-1.4	-2.2	-1.1	-0.8	0.6	-1.1E+07	-1.5	
23	456.4	1433.6	-0.9	-1.6	-1.6	-0.7	0.9	-1E+07	-1.6	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
23	456.1	1433.6	-0.8	-1	-1.9	-0.6	1.3	-9431306	-1.9	
23	455.8	1433.9	-1.1	-1.2	-1.9	-0.9	1.8	-8909575	-2.2	
23	455.5	1434	-1.1	-1.3	-2.2	-1.4	2.2	-8442541	-2.4	
23	455.2	1434.2	-1.5	-1.2	-1.9	-1.7	2.4	-8052885	-2.5	
23	454.9	1434.2	-1.7	-1.2	-1.7	-2.3	2.4	-7697610	-2.7	
23	454.6	1434.2	-2.1	-1.9	-1.7	-2.2	2.3	-7398410	-2.8	
23	454.3	1434.6	-2.8	-2.9	-1.3	-2.7	2.2	-7170377	-2.8	
23	454	1434.5	-1.9	-2.4	-1	-2.3	1.7	-7002509	-2.9	
23	453.7	1434.3	-1.7	-1.3	-0.8	-2.2	1.3	-6979167	-3	
23	453.4	1434	-2.3	-1.6	-0.9	-2.2	0.7	-7097458	-3	
23	453.1	1434	-2.4	-1.7	-0.5	-1.9	0.4	-7424646	-2.9	
23	452.8	1433.8	-2.8	-2.6	-0.6	-1.5	0.1	-8022031	-2.8	
23	452.5	1433.7	-2.8	-2.5	-0.6	-1.3	0.1	-9103261	-2.8	
23	452.2	1433.7	-3.4	-2.7	-0.6	-1.4	0.2	-1.1E+07	-2.7	
23	451.9	1433.8	-4.3	-3.6	-1	-1.4	0.6	-1.5E+07	-2.7	
23	451.6	1433.9	-4.1	-2.6	-1.1	-1.4	1		-2.6	
23	451.3	1434.1	-4.2	-2	-1.1	-2.2	1.6		-2.5	
23	451	1434.4	-5.2	-3.7	-1	-2.9	2.1		-2.5	
23	450.7	1434.2	-5.7	-3.1	-1.2	-3.2	2.3		-2.4	
23	450.4	1434.3	-6.6	-4.6	-1.1	-3.8	2.4	15742481	-2.4	
23	450.1	1434.2	-6.8	-4.4	-1.2	-3	2.3	12316177	-2.4	
23	449.8	1434	-7.2	-5.1	-1.1	-4	1.9	10574495	-2.4	
23	449.5	1433.8	-8.4	-6.5	-1	-3.9	1.3	9560502	-2.3	
23	449.2	1433.6	-8.6	-6.7	-0.5	-4.7	0.4	8986052	-2.3	
23	448.9	1433	-7.4	-5.2	-0.1	-3.5	-0.7	8616255	-2.2	
23	448.6	1432.6	-7.2	-5.1	0.2	-2.9	-1.6	8375000	-2.2	
23	448.3	1432.2	-7.4	-5.7	0.7	-2.9	-2.2	8178711	-2.2	
23	448	1432.2	-7.6	-6.4	1.4	-2.7	-2.6	7991412	-1.6	
23	447.7	1432.5	-9.7	-8.4	2	-4.5	-2.8	7871241	-1.3	
23	447.4	1432.8	-7.8	-6.1	2.6	-2.4	-2.8	7841760	-1	
23	447.1	1433.2	-9.2	-7.5	3	-2.8	-2.7	7871241	-0.7	
23	446.8	1433.5	-8.3	-6.3	2.8	-1.7	-2.3	7991412	-0.5	
23	446.5	1433.6	-8	-6.6	2.5	-1.7	-1.8	8210785	-0.1	
23	446.2	1433.5	-7.7	-6	1.9	-1.6	-1.3	8580943	0.3	
23	445.9	1433.3	-7.7	-5.3	1.3	-1.7	-0.9	9143013	0.5	
23	445.6	1432.5	-6.3	-3.7	0.3	-0.3	-0.8	9876179	0.5	
23	445.3	1432.3	-6.2	-4.4	-0.4	0.7	-0.5	10848446	0.2	
23	445	1432	-5.5	-3.6	-1	0	-0.3	12033046	-0.3	
23	444.7	1432.1	-5.7	-4.2	-1.2	-0.3	-0.1	13508065	-1	
23	444.4	1432.4	-5.6	-3.6	-1.3	-1.3	0.1	15395221	-1.8	
23	444.1	1432.7	-5.4	-4	-1	-2.4	0.2	17895299	-2.5	
23	443.8	1433.2	-4.3	-3.4	-0.5	-2.2	0.3		-3	
23	443.5	1433.6	-3.6	-2.8	-0.1	-2.5	0.4		-3.7	
23	443.2	1433.8	-3.5	-2.4	0.5	-3.8	0.5		-4.1	
23	442.9	1433.9	-3.7	-2.6	0.7	-4.5	0.6		-4.2	
23	442.6	1433.8	-3.7	-2.2	0.9	-4.7	0.6		-4.1	
23	442.3	1433.6	-3.6	-1.9	0.7	-4.5	0.6		-3.9	
23	442	1433.7	-3.9	-1.8	0.5	-4.4	0.7		-3.7	
23	441.7	1433.5	-3.1	-0.3	0	-3.5	0.6		-3.5	
23	441.4	1433.2	-2.5	-0.6	-0.6	-3.6	0.4		-3.3	
23	441.1	1433.2	-1.9	-0.2	-0.9	-3.2	0.4		-3.2	
23	440.8	1433.1	-1.3	1	-1.1	-2.7	0.3	-1.6E+07	-3.1	
23	440.5	1432.9	-0.5	1.9	-1.2	-1.5	0.2	-1.3E+07	-3	
23	440.2	1432.6	-0.6	2.2	-1.5	-1.8	0.2	-1.2E+07	-2.9	
23	439.9	1432.5	-0.4	2.4	-1.3	-1.8	0.2	-1.1E+07	-2.8	
23	439.6	1432.7	-0.7	2.7	-1.3	-1.7	0.4	-1.1E+07	-2.6	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
23	439.3	1433	-0.7	3.6	-1	-1.5	0.6	-1.2E+07	-2.1	
23	439	1433.5	-0.1	4	-0.5	-1.1	0.9	-1.4E+07	-1.9	
23	438.7	1433.8	-0.1	4.1	-0.4	-1.2	1.1	-2E+07	-1.7	
23	438.4	1434	0.1	5.3	-0.1	-1.3	1.1		-1.5	
23	438.1	1434	-0.3	5.4	0	-2.2	1		-1.3	
23	437.8	1434	0.3	6.9	0.4	-1.2	0.8		-1.1	
23	437.5	1433.7	0.9	7.7	0.5	-0.8	0.5	14539931	-1	
23	437.2	1433.5	0.6	7.8	0.5	-0.5	0.3	10163835	-0.7	
23	436.9	1433.3	0.4	8.8	0.3	-0.3	0.1	7961027	-0.5	
23	436.6	1433.1	0.7	9.3	0.1	-0.1	-0.1	6754032	-0.3	
23	436.3	1433	0.8	8.2	0.1	0	-0.2	6051301	-0.1	
23	436	1433	1.2	8.4	0	0.5	-0.2	5643531	0	
23	435.7	1433.1	1.8	9.2	-0.1	1.5	0.1	5424223	0	
23	435.4	1433.1	1.4	9	-0.3	0.6	0.3	5300633	-0.1	
23	435.1	1433	1.7	11.4	-0.5	0.7	0.5	5273930	-0.2	
23	434.8	1432.8	1.6	9.4	-0.7	0.3	0.5	5327608	-0.4	
23	434.5	1432.7	1.2	10.4	-0.7	-0.4	0.4	5452474	-0.7	
23	434.2	1432.7	1.2	9.5	-0.5	-0.9	0.3	5658784	-1	
23	433.9	1432.5	1.6	9.6	-0.4	-0.9	0.1	5914548	-1.4	
23	433.6	1432.4	1.4	9.1	0	-1.5	-0.2	6231399	-1.7	
23	433.3	1432.2	0.9	8.6	0.2	-2.7	-0.7	6604890	-2	
23	433	1432.1	1	7.3	0.4	-2.4	-1.1	7049664	-2.3	
23	432.7	1432.4	0.8	7	0.9	-2.8	-1.4	7586051	-2.6	
23	432.4	1432.5	1.2	6.7	1.2	-2.8	-1.8	8210785	-2.9	
23	432.1	1432.7	1.4	7.1	1.3	-2.2	-2	8947650	-3.2	
23	431.8	1432.7	1.6	7.2	1.2	-2.3	-2.1	9829812	-3.4	
23	431.5	1432.6	1.5	6.9	0.9	-2.7	-2.1	10737180	-3.6	
23	431.2	1432.3	1.3	5.6	0.4	-2.8	-1.9	11631945	-3.8	
23	430.9	1432.4	1.4	5	0.1	-2.6	-1.4	12766768	-4	
23	430.6	1432.5	0.8	4.3	-0.1	-3.2	-0.8	14052014	-4.2	
23	430.3	1432.9	0.4	4.1	-0.5	-3.5	0	15625000	-4.3	
23	430	1433.4	0.6	4.3	-0.6	-3.1	0.9	17743644	-4.1	
23	429.7	1434.1	-0.4	3.2	-0.9	-4.2	1.9		-3.4	
23	429.4	1434.6	-0.2	3.7	-1.1	-3.9	2.7		-2.6	
23	429.1	1435	-0.3	2.8	-1.1	-3.1	3.4		-1.7	
23	428.8	1435.2	-0.9	1.6	-1.1	-2.7	3.9		-0.9	
23	428.5	1435.3	-0.9	1	-1.3	-2.2	4.1		-0.1	
23	428.2	1434.7	-1.4	-0.1	-1.8	-2	4		0.8	
23	427.9	1434.3	-1.6	-1.1	-2.2	-0.9	3.9		1.6	
23	427.6	1433.8	-2	-1.4	-2.9	-0.6	3.8		2.1	
23	427.3	1433.4	-0.7	-0.3	-3.2	1.3	3.4		2.1	
23	427	1433.3	0.6	1.3	-3.1	2	3		1.6	
23	426.7	1432.8	0.8	1.5	-3.2	2.2	2.4		1.2	
23	426.4	1432.5	0.5	0.6	-3.2	1.4	1.8		0.7	
23	426.1	1432.5	1	1.1	-2.7	1.5	1.2		0	
23	425.8	1432.4	2	1.9	-2	1.8	0.6		-0.8	
23	425.5	1432.3	1.3	1.6	-1.4	0.6	0.1		-1.4	
23	425.2	1432.3	0.8	0.5	-0.8	0.4	-0.3		-2	
23	424.9	1432.3	0.6	-0.3	-0.2	-1.2	-0.7		-2.2	
23	424.6	1432.2	0.6	0	0.1	-2.1	-1	17895299	-2.4	
23	424.3	1432.3	-0.1	-0.5	0.7	-2.2	-1.3	15625000	-2.4	
23	424	1432.5	0.5	-0.2	1.1	-2	-1.4	13684641	-2.5	
23	423.7	1432.7	-0.1	-0.9	1.4	-2.6	-1.5	12033046	-2.4	
23	423.4	1432.9	0.3	-0.9	1.7	-2	-1.5	10628173	-2.3	
23	423.1	1432.9	0.2	-1.6	1.9	-2.4	-1.5	9347098	-2	
23	422.8	1433	-1.2	-2.6	2	-2.9	-1.5	8341634	-1.9	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
23	422.5	1432.9	-0.1	-1.8	2	-1.8	-1.5	7586051	-1.8	
23	422.2	1432.9	0	-1.6	2.2	-2	-1.5	6955980	-1.8	
23	421.9	1433	-1.4	-2.6	2.1	-2.5	-1.4	6462192	-1.9	
23	421.6	1433.1	-0.5	-1.7	1.9	-2.4	-1.2	6086483	-2	
23	421.3	1433.1	-0.7	-2.3	1.5	-1.8	-1.1	5783840	-1.8	
23	421	1433	-2.1	-3.5	1.1	-3.3	-1.2	5568484	-1.8	
23	420.7	1432.8	-0.1	-1	0.5	-1.7	-1.2	5466710	-1.7	
23	420.4	1432.6	-1.1	-2.1	0.2	-1.4	-1.3	5452474	-1.3	
23	420.1	1432.5	-0.8	-1.6	0.1	-1.6	-1.4	5509869	-1.2	
23	419.8	1432.3	-0.1	-1.3	0.1	-1.5	-1.4	5643531	-1	
23	419.5	1432.3	-1.5	-2.9	0.2	-1.9	-1.5	5864846	-1	
23	419.2	1432.2	-0.6	-2.2	0.1	-1.3	-1.5	6158088	-0.8	
23	418.9	1432.7	-1.2	-2.7	0.6	-2	-1.2	6542969	-0.6	
23	418.6	1433.3	-1.5	-2.8	1.1	-1.4	-0.9	6979167	-0.6	
23	418.3	1434	-0.4	-1.8	1.5	-1.8	-0.4	7451068	-0.7	
23	418	1434.4	-0.8	-1.6	1.7	-1.6	0	7871241	-0.8	
23	417.7	1434.6	-0.7	-1.1	1.5	-1.6	0.4	8275692	-1.1	
23	417.4	1434.3	0.9	0.3	1	-1.3	0.7	8651860	-1.2	
23	417.1	1434.2	0.2	0.6	0.7	-2.2	1	8947650	-1.5	
23	416.8	1434.1	0.4	0.6	0.4	-2.4	1.2	9264381	-1.9	
23	416.5	1433.6	1.2	1.5	-0.3	-2	1.3	9560502	-2.2	
23	416.2	1433.3	0.8	1.7	-1.1	-2	1.4	9829812	-2.6	
23	415.9	1432.9	1.5	2.4	-1.7	-1.7	1.4	10163835	-2.7	
23	415.6	1432.8	1	2.4	-2.4	-2.2	1.6	10521357	-2.8	
23	415.3	1432.9	0.5	2.1	-2.4	-2.9	1.7	10904948	-3	
23	415	1432.9	2.2	4.2	-2.3	-2.3	1.9	11379076	-3.3	
23	414.7	1432.8	3.3	4	-2.4	-1.4	2.1	11896307	-3.4	
23	414.4	1432.7	2.4	1.8	-2.2	-2.5	2.1	12462798	-3.5	
23	414.1	1432.6	3.2	2.4	-2	-1.7	2.2	12845092	-3.3	
23	413.8	1432.6	1.9	1.4	-1.7	-2.4	2.2	13004659	-3.2	
23	413.5	1432.5	1.4	0.4	-1.4	-3	2.1	12845092	-3.2	
23	413.2	1432.7	1.6	-0.4	-0.9	-2.5	2	12389053	-3.2	
23	412.9	1432.6	1.5	0.2	-0.9	-2.3	1.6	11896307	-3.3	
23	412.6	1432.3	1.6	0.8	-1	-3	1.1	11317568	-3.4	
23	412.3	1432	2.4	1.8	-1	-3.1	0.7	10682398	-3.5	
23	412	1431.6	2.4	1.8	-1.3	-2.7	0.3	10066106	-3.5	
23	411.7	1431.1	2	2.1	-1.6	-3.5	-0.1	9517046	-3.4	
23	411.4	1430.9	1.5	1	-1.7	-3.3	-0.3	9103261	-3	
23	411.1	1430.7	0.9	1	-1.9	-3.4	-0.5	8760460	-2.5	
23	410.8	1430.5	0.8	0.5	-2	-2.4	-0.7	8408635	-2	
23	410.5	1430.8	0.6	0.4	-1.8	-1.9	-0.7	8083977	-1.2	
23	410.2	1431.4	0.2	1.4	-1.4	-1.3	-0.4	7669414	-0.5	
23	409.9	1431.8	0.8	0.9	-1.3	-0.5	0	7219828	0.2	
23	409.6	1432.4	0.8	0.8	-1.1	0.5	0.5	6775890	0.9	
23	409.3	1432.9	1	2.4	-0.8	0.8	1	6325529	1	
23	409	1433.3	1.7	2.2	-0.8	1.5	1.4	5931303	0.7	
23	408.7	1433.7	2.3	3	-0.8	2	1.9	5613271	0.2	
23	408.4	1433.8	0.8	2.9	-0.9	0.4	2.2	5368590	-0.2	
23	408.1	1434	1	1.1	-1	-0.3	2.5	5221322	-0.8	
23	407.8	1434.1	0.4	1.5	-1.3	-1	2.6	5131741	-1.2	
23	407.5	1434.2	0.5	1.3	-1.4	-1.6	2.7	5081918	-1.6	
23	407.2	1434.4	0.1	0.2	-1.2	-2.4	2.6	5057367	-1.9	
23	406.9	1434.4	0.3	1.8	-0.8	-2.8	2.2	5057367	-2.1	
23	406.6	1434.5	0.4	1	-0.3	-3.7	1.7	5081918	-2.2	
23	406.3	1434.5	0.2	1.4	0.2	-4.2	1.2	5119193	-2.2	
23	406	1434.5	-0.3	1.2	1	-4	0.5	5169753	-2.2	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
23	405.7	1434.3	0.4	0.8	1.3	-3.2	-0.1	5221322	-2.2	
23	405.4	1434.2	0.3	1.1	1.7	-3.3	-0.6	5300633	-2.1	
23	405.1	1433.9	0.3	1	1.9	-3.3	-1.1	5396263	-2.1	
23	404.8	1433.6	0.4	-0.5	1.8	-3	-1.5	5524407	-2.1	
23	404.5	1433.2	1.1	0.9	1.6	-2.5	-1.8	5689538	-2.1	
23	404.2	1432.9	2.1	1.7	1.2	-1.6	-1.8	5864846	-2	
23	403.9	1432.6	2.2	1	0.6	-1	-1.6	6086483	-2	
23	403.6	1432.3	2.2	1.4	0	-1.5	-1.3	6363982	-2	
23	403.3	1432.3	1.9	0.4	-0.4	-2.4	-0.9	6689297	-2	
23	403	1432.1	2.6	1.6	-0.5	-2	-0.8	7073480	-2.1	
23	402.7	1432.1	2.6	2.1	-0.5	-2	-0.6	7451068	-2.1	
23	402.4	1432.2	2.5	0.3	-0.5	-2	-0.4	7783457	-2.1	
23	402.1	1432.3	2.7	-0.6	-0.5	-1.9	-0.3	8083977	-2	
23	401.8	1432.5	3.1	0.7	-0.3	-2.6	-0.2	8275692	-1.9	
23	401.5	1432.7	2.3	-0.9	0.1	-3.7	-0.2	8308532	-1.8	
23	401.2	1432.8	3.7	1.8	0.4	-2.4	-0.2	8275692	-1.6	
23	400.9	1432.8	4.3	2.9	0.5	-1.5	-0.2	8083977	-1.3	
23	400.6	1432.5	4.7	3.1	0.4	-1	-0.2	7754630	-0.9	
23	400.3	1432.5	4.7	3.2	0.1	-0.4	0.1	7424646	-0.4	
23	400	1432.7	4.3	2.7	0	-0.8	0.3	7145905	0	
23	399.7	1433	4.2	1.8	-0.2	-0.4	0.5	6932947	0.1	
23	399.4	1433.2	5.6	3.2	-0.5	0.8	0.7	6820033	0.2	
23	399.1	1433	6.1	4.1	-0.8	1.7	0.7	6820033	0.1	
23	398.8	1433	6.8	5.3	-0.9	1.8	0.8	6932947	0	
23	398.5	1432.7	7.1	6.2	-1.2	1.3	0.8	7219828	0	
23	398.2	1432.6	7	6.2	-0.9	1.3	0.7	7669414	-0.2	
23	397.9	1432.6	6.9	6.3	-0.7	0.9	0.7	8341634	-0.3	
23	397.6	1432.7	7.7	7.5	-0.5	2.4	0.8	9223568	-0.4	
23	397.3	1433.2	6.7	5.9	-0.3	1.4	0.9	10416667	-0.7	
23	397	1433.4	7	6.2	-0.5	1	1	11896307	-0.9	
23	396.7	1433.5	6.7	5.7	-0.4	0.1	1	13508065	-1.1	
23	396.4	1433.5	6.4	4.7	-0.4	-0.5	1	14955357	-1.6	
23	396.1	1433.4	7.3	5	-0.3	-0.4	1	16105769	-2	
23	395.8	1433.1	6.3	5.5	-0.6	-0.9	1	16357422	-2.5	
23	395.5	1432.6	6.7	5.7	-1.2	-0.7	1	15861743	-2.9	
23	395.2	1432.2	5.6	5.2	-1.5	-2.9	1	14744718	-3.2	
23	394.9	1432.2	5	4.5	-1.7	-2.9	1	13335987	-3.5	
23	394.6	1432.5	4.6	4.5	-1.2	-3.9	1	11896307	-4	
23	394.3	1432.8	4.9	4.6	-0.9	-3.8	1	10628173	-4.4	
23	394	1432.8	3.7	3.3	-0.7	-4.5	0.9	9604358	-4.5	
23	393.7	1432.8	4.4	4.2	-0.5	-5	0.7	8834388	-4.5	
23	393.4	1432.8	2.4	2.7	-0.2	-6.2	0.5	8243110	-4.2	
23	393.1	1432.9	2.1	1.7	0.2	-6.5	0.3	7841760	-3.9	
23	392.8	1432.8	2.9	2.6	0.2	-4.1	0.1	7477679	-3.2	
23	392.5	1432.6	2.2	1.9	-0.1	-3.7	-0.1	7145905	-2.4	
23	392.2	1432.1	2	1.6	-0.7	-3	-0.3	6820033	-1.3	
23	391.9	1431.9	1.8	0.7	-1	-2	-0.3	6462192	-0.1	
23	391.6	1431.7	1	-1.1	-1.2	-1.2	-0.2	6122076	0.7	
23	391.3	1431.7	2.4	0.2	-1	0	-0.2	5767907	0.9	
23	391	1432	2.5	0.3	-0.7	1.8	0.1	5410207	0.8	
23	390.7	1432.3	2.7	0.8	-0.8	1.6	0.4	5057367	0.7	
23	390.4	1432.8	2.1	-0.5	-0.3	0.3	0.5	4726298	0.4	
23	390.1	1433.3	2	-0.6	0	-0.4	0.7	4454788	0	
23	389.8	1433.6	2.8	0.3	0.4	0.2	0.9	4238361	-0.3	
23	389.5	1433.7	2.6	-0.1	0.3	-0.7	1	4073444	-0.7	
23	389.2	1433.4	2.2	-0.9	0.2	-0.4	1	3957940	-1	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
23	388.9	1432.9	2.2	-0.1	-0.1	-1.9	0.9	3863008	-1	
23	388.6	1432.5	0.6	-3.1	-0.5	-3	0.7	3806819	-1	
23	388.3	1432.4	1.5	-2.8	-0.5	-2.8	0.5	3772523	-1	
23	388	1432.4	1.5	-3.2	-0.3	-2.7	0.3	3752241	-1.1	
23	387.7	1432.5	2.6	-2.1	-0.5	-1.1	0.2	3752241	-1.2	
23	387.4	1432.6	2.6	-1.7	-0.4	-1.5	0.1	3772523	-1.4	
23	387.1	1432.8	3.4	-0.8	-0.3	-0.9	0.1	3806819	-1.4	
23	386.8	1432.8	2.3	-3.3	-0.1	-2.9	0.1	3884509	-1.7	
23	386.5	1432.6	3.8	-2.3	0.1	-1.3	0.2	4003346	-1.9	
23	386.2	1432.5	2.7	-4.1	0.4	-2.4	0.2	4195892	-2.3	
23	385.9	1432.5	4	-3.1	0.5	-1.2	0.3	4473825	-2.7	
23	385.6	1432.1	4.1	-2.9	0.2	-1.1	0.3	4869186	-2.7	
23	385.3	1432.2	3	-3.9	0.1	-3.4	0.4	5424223	-2.7	
23	385	1432.2	2.6	-5.1	0	-3.6	0.4	6231399	-3	
23	384.7	1432.2	3.3	-3.4	-0.3	-3.8	0.4	7451068	-3.4	
23	384.4	1432.1	4.8	-2.2	-0.5	-1.5	0.3	9347098	-3.6	
23	384.1	1431.7	4.2	-2.5	-0.9	-3.2	0.3	12462798	-3.8	
23	383.8	1431.2	5	-1.4	-1.5	-2	0.3	17594538	-3.8	
23	383.5	1431	3.5	-3.8	-1.9	-3.6	0.4		-3.7	
23	383.2	1430.8	3.6	-2.7	-2.2	-3.3	0.4		-3.7	
23	382.9	1430.9	4.9	-1.8	-2.2	-1.9	0.5		-3.5	
23	382.6	1431.1	3.9	-1.7	-2.3	-1.9	0.7		-3.2	
23	382.3	1431.4	4.1	-0.9	-2.2	-1.2	1		-2.4	
23	382	1431.8	3.1	-1.5	-2	-2.5	1.4		-1.7	
23	381.7	1432	3.4	-1.5	-1.7	-1.1	1.6		-1.4	
23	381.4	1432.3	3.8	0.1	-1.4	-1.5	1.9	16617064	-1	
23	381.1	1432.6	2.9	-1.5	-1.2	-1.1	2.2	13004659	-0.5	
23	380.8	1433.1	2.4	0	-1	-0.7	2.5	10737180	-0.2	
23	380.5	1433.1	3.6	1.5	-1.3	-0.6	2.7	9264381	0.4	
23	380.2	1433.2	2.6	-0.3	-1.4	-0.9	2.8	8243110	0.7	
23	379.9	1433	2.5	0.3	-1.8	-0.5	2.7	7586051	0.9	
23	379.6	1432.7	3.1	1.1	-2.2	0.8	2.5	7170377	1.2	
23	379.3	1432.6	2	0.2	-2.2	0	2.2	6932947	1.3	
23	379	1432.4	3.6	2.6	-2.3	0.9	2	6732315	1.3	
23	378.7	1432.2	3.6	1.2	-2.1	0.9	1.6	6563480	1.2	
23	378.4	1432.3	2.2	-0.3	-1.8	-0.5	1.3	6383384	1.1	
23	378.1	1432.5	4.2	1.5	-1	0.1	1	6194527	0.9	
23	377.8	1432.5	4.6	2.5	-0.7	1.1	0.7	5982143	0.7	
23	377.5	1432.8	3.8	1.8	-0.1	0.1	0.5	5736302	0.5	
23	377.2	1433.1	4	1.2	0.4	-0.4	0.4	5495407	0.4	
23	376.9	1433.2	3.3	0.7	0.8	-1.1	-0.1	5273930	0	
23	376.6	1433.1	4.2	2	1.1	-2.2	-0.6	5069613	-0.4	
23	376.3	1432.9	5	2.8	1.5	-2.1	-1.4	4891940	-0.9	
23	376	1432.6	5.2	4.6	1.4	-1.8	-2.1	4726298	-1.4	
23	375.7	1432	6.4	4.9	1.3	-2	-2.8	4581510	-1.7	
23	375.4	1431.9	5.8	4.3	1.6	-3.1	-3.4	4464286	-1.8	
23	375.1	1431.7	6	3.4	1.7	-2	-4	4398635	-2	
23	374.8	1431.9	6.5	3.9	2.1	-1.8	-4.5	4371086	-2.2	
23	374.5	1432.4	6.8	3.4	2.7	-0.9	-4.7	4352911	-2.5	
23	374.2	1432.7	8.5	6.2	3	0.2	-4.6	4334886	-2.7	
23	373.9	1433.4	8.8	5	3.2	0	-4	4325930	-2.7	
23	373.6	1434.2	8.9	6.2	3.5	0.6	-3.1	4317011	-2.8	
23	373.3	1434.4	9.3	5.3	3.5	-0.6	-2.3	4325930	-3.2	
23	373	1435	9.6	5.5	3.4	0	-1.2	4334886	-3.5	
23	372.7	1435.2	8.2	5.2	3	-1.1	-0.2	4343880	-3.9	
23	372.4	1435.5	8.3	5.7	2.1	-1.6	0.9	4371086	-4.3	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
23	372.1	1435.6	7.1	3.8	1.2	-3.5	1.7	4426533	-4.6	
23	371.8	1435.6	7	2.2	0.3	-4.4	2.5	4522139	-4.8	
23	371.5	1435.4	7.2	3	-0.9	-5	3.1	4642462	-4.9	
23	371.2	1435.1	5.8	0.8	-1.8	-5.9	3.3	4802179	-5.1	
23	370.9	1434.5	7.1	3.6	-2.8	-4.9	3.5	4997017	-5	
23	370.6	1433.7	6.4	2.8	-3.8	-5.1	3.5	5234375	-4.2	
23	370.3	1433.2	4.8	-0.1	-4.1	-5.1	3.3	5509869	-3.5	
23	370	1433	4.7	0.8	-4	-4.5	2.9	5799862	-2.9	
23	369.7	1432.9	5.2	1.1	-3.7	-2.2	2.5	6068841	-2.2	
23	369.4	1432.9	4.8	1.7	-3.3	-2.2	2	6268713	-1.8	
23	369.1	1433	5.9	2.5	-3.1	-0.9	1.9	6383384	-1.1	
23	368.8	1433	4.3	0.5	-2.7	-1	1.7	6422546	-0.7	
23	368.5	1433.2	4.8	1.9	-2	-0.8	1.6	6363982	-0.5	
23	368.2	1433	5	2.6	-1.5	0	1.5	6250000	-0.4	
23	367.9	1432.8	4.6	1	-1.4	1.7	1.5	6086483	-0.2	
23	367.6	1432.7	4.3	1.7	-1.4	0.8	1.7	5897888	0	
23	367.3	1432.7	3.3	0.8	-1.2	-0.4	1.7	5720629	-0.2	
23	367	1432.9	3.3	0.2	-1	-0.5	1.7	5583334	-0.4	
23	366.7	1432.9	4.2	2.2	-0.9	-0.2	1.7	5410207	-0.4	
23	366.4	1432.9	3.4	-0.2	-0.8	0.2	1.7	5195410	-0.4	
23	366.1	1432.7	3.2	-0.4	-1.1	-0.2	1.7	4914906	-0.2	
23	365.8	1432.3	2.9	0.7	-1.5	0.1	1.7	4621965	0.4	
23	365.5	1432.2	0.6	-3.6	-1.2	-2.7	1.5	4317011	0.4	
23	365.2	1431.8	2.4	-2.2	-1.3	-0.6	1.1	4026443	0.2	
23	364.9	1431.5	1.8	-2	-1.3	-0.6	0.7	3738840	0.2	
23	364.6	1431.4	2.1	-1.9	-1.4	-0.3	0.6	3455033	0.2	
23	364.3	1431.2	2.2	-1.1	-1.5	-0.9	0.5	3206356	0.2	
23	364	1431.1	1.2	-3	-1.6	-1	0.4	2999642	0	
23	363.7	1431.1	1.5	-3.5	-1.4	-1.2	0.4	2840910	-0.2	
23	363.4	1431.1	1.5	-3.7	-1.1	-1	0.3	2733356	-0.5	
23	363.1	1431	2.8	-3.6	-1.2	1	0.3	2660420	-0.6	
23	362.8	1431.3	2.2	-3.6	-0.9	-0.7	0.4	2627039	-0.6	
23	362.5	1431.5	1.9	-4.1	-0.5	-1	0.4	2630340	-0.7	
23	362.2	1431.6	1.9	-4.6	-0.3	-1.5	0.4	2674011	-0.9	
23	361.9	1431.6	2.5	-4.3	-0.3	0.1	0.4	2754935	-1	
23	361.6	1431.7	1	-7.5	-0.2	-1.2	0.4	2879987	-1	
23	361.3	1431.6	1.9	-6.9	-0.4	-0.7	0.4	3047672	-1.1	
23	361	1431.5	1.1	-7.8	-0.8	-1.7	0.5	3251165	-1.2	
23	360.7	1431.6	1.8	-7.5	-0.9	-1.5	0.6	3495409	-1.4	
23	360.4	1431.7	2.2	-7.4	-1.1	-1.7	0.7	3772523	-1.5	
23	360.1	1431.7	2.6	-5.6	-1.4	-0.8	0.9	4081384	-1.6	
23	359.8	1431.5	2.9	-5.4	-2	-0.5	1.1	4407895	-1.4	
23	359.5	1431.8	0.6	-6.5	-1.9	-3	1.4	4736991	-1.4	
23	359.2	1432	1.1	-5.9	-2	-2.5	1.6	5057367	-1.4	
23	358.9	1432.2	1.5	-5.7	-1.8	-2.3	1.8	5410207	-1.4	
23	358.6	1432.5	1.7	-4.1	-1.5	-1.5	1.9	5783840	-1.5	
23	358.3	1432.7	1	-6.1	-1.3	-2.1	1.9	6212908	-1.6	
23	358	1432.9	2.7	-3.7	-1	-1.9	1.9	6689297	-1.7	
23	357.7	1433	1.7	-3.1	-0.7	-2.8	1.8	7295296	-1.8	
23	357.4	1433.2	2.1	-2.6	0	-2.8	1.6	8146887	-1.9	
23	357.1	1433.1	1.9	-3.3	-0.1	-1.9	1.3	9183114	-2	
23	356.8	1433	3.5	-1.3	-0.1	0.4	1.1	10365099	-2.1	
23	356.5	1432.8	3	-2.9	-0.3	-0.8	1	11567680	-1.8	
23	356.2	1432.8	2.4	-1.9	-0.5	-1.2	0.9	12462798	-1.4	
23	355.9	1432.7	1.2	-3.6	-0.4	-1.8	0.6	12845092	-1.3	
23	355.6	1432.4	3.6	-1.4	-0.5	-0.1	0.4	12462798	-1	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
23	355.3	1432	2.8	-1.8	-0.6	0	0.1	11379076	-0.8	
23	355	1431.8	3.2	-1.1	-0.8	1	0	9783879	-0.7	
23	354.7	1431.9	3.1	-0.2	-0.6	0.7	0.1	8243110	-0.7	
23	354.4	1431.9	1	-2.3	-0.5	-2.4	0	7026007	-1	
23	354.1	1432.1	2.6	-1.6	0	-1.1	-0.1	6140030	-1.3	
23	353.8	1432.2	2.7	-0.7	0.2	-0.7	-0.1	5495407	-1.5	
23	353.5	1432.2	2.5	-0.7	0.3	-0.4	-0.2	5020984	-1.9	
23	353.2	1432.1	2.7	-0.2	0.2	-2	-0.2	4694507	-2.2	
23	352.9	1432.1	2.3	1.7	0.3	-2.4	-0.2	4464286	-2.4	
23	352.6	1431.9	1	-1.4	0.3	-3.3	-0.3	4325930	-2.7	
23	352.3	1431.8	1.5	-0.3	0.2	-4	-0.4	4238361	-2.9	
23	352	1431.8	1.2	-0.9	0.4	-2.6	-0.6	4179142	-3	
23	351.7	1431.6	1.9	-0.3	0.2	-2.7	-0.8	4137846	-3	
23	351.4	1431.5	1.4	0.2	0.1	-3.6	-0.9	4113458	-2.8	
23	351.1	1431.6	0.8	-0.7	0.3	-3.8	-1	4105393	-2.6	
23	350.8	1431.7	1.4	-0.1	0.5	-3.4	-1	4113458	-2.5	
23	350.5	1431.9	1.8	-1	0.7	-2.7	-0.9	4146040	-2	
23	350.2	1432.1	0.1	-2.1	1	-2.7	-0.9	4195892	-1.7	
23	349.9	1432	2.1	0.2	1	-1.2	-0.9	4272960	-1.4	
23	349.6	1432.2	0.7	-1.2	1.2	-3	-0.8	4380230	-1	
23	349.3	1432.3	0.6	-1.9	1.3	-2.3	-0.8	4531927	-0.8	
23	349	1432.3	1.7	0.7	1.5	-2	-0.8	4726298	-0.5	
23	348.7	1432.4	1.5	-0.4	1.4	-1	-0.8	4973278	-0.3	
23	348.4	1432.3	2	0.9	1.3	-1	-0.9	5273930	-0.2	
23	348.1	1432.1	2.8	1	0.9	-0.4	-0.9	5628360	0	
23	347.8	1432.1	1.2	-1	0.9	-0.2	-1.1	6051301	0	
23	347.5	1431.9	2.3	-0.3	0.8	-0.9	-1.3	6542969	0	
23	347.2	1431.8	4.2	1.3	0.5	2.4	-1.2	7073480	0	
23	346.9	1431.9	2.3	1.7	0.2	-0.4	-0.9	7613637	-0.3	
23	346.6	1431.8	5.1	4	-0.2	2	-0.4	8178711	-0.3	
23	346.3	1432	3.7	2.2	-0.6	1	0.4	8723959	-0.3	
23	346	1432.1	4.3	2.6	-1	0.7	1.2	9305556	-0.3	
23	345.7	1432.2	4.6	3.6	-1.6	1.4	2.2	9783879	-0.3	
23	345.4	1432.5	2.8	0.1	-2.2	0	3.1	10114734	-0.5	
23	345.1	1432.7	4.3	2.6	-2.9	1.1	4.1	10314040	-0.5	
23	344.8	1432.9	2.9	0.8	-3.3	-1.5	4.7	10416667	-0.7	
23	344.5	1432.9	4.3	2.4	-3.8	0.4	5	10574495	-0.9	
23	344.2	1432.5	4	0.5	-4.2	-1.1	4.8	10682398	-1	
23	343.9	1432	3.4	0.4	-4.5	-0.9	4.4	10792526	-1.3	
23	343.6	1431.5	4.6	2.2	-4.8	-1.1	4	10904948	-1.4	
23	343.3	1431.2	3.1	1.9	-4.5	-2.7	3.2	10962042	-2.1	
23	343	1431.1	3.5	-0.1	-4.2	-1.9	2.6	10962042	-2.6	
23	342.7	1431	3.2	0.4	-3.6	-3	1.9	10848446	-2.9	
23	342.4	1431.2	3.2	0	-3	-2	1.4	10468750	-3.3	
23	342.1	1431.4	3.8	0.7	-2.5	-2.5	1.1	9829812	-3.6	
23	341.8	1431.9	3	2	-1.5	-2.9	0.9	9024785	-3.8	
23	341.5	1432.3	2.3	-0.3	-0.7	-3.2	0.7	8146887	-4.1	
23	341.2	1432.4	4.4	1.7	-0.1	-2.2	0.5	7320804	-4.5	
23	340.9	1432.8	2.8	0.3	0.6	-3	0.4	6604890	-4.6	
23	340.6	1432.9	2.8	0.1	1.1	-3.6	0.2	5982143	-4.6	
23	340.3	1432.8	2.4	0.1	1.2	-3.5	0.1	5481021	-4.2	
23	340	1432.7	1	0	1.3	-4.4	0	5069613	-3.9	
23	339.7	1432.7	1.1	-0.4	1.6	-4.6	-0.1	4736991	-3.1	
23	339.4	1432.6	0.3	-0.9	1.3	-3.5	-0.2	4483405	-2.1	
23	339.1	1432.5	-0.6	-2.5	1.3	-3.9	-0.3	4281698	-1.2	
23	338.8	1432.5	-0.3	-1.7	1.5	-4.3	-0.4	4129685	-0.6	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
23	338.5	1432.4	-0.7	-1.5	1.5	-2.5	-0.5	4011016	0	
23	338.2	1432.2	0.2	-1.2	1.4	-1.7	-0.6	3913552	0.5	
23	337.9	1432	0.3	-1.5	1.2	-1.2	-0.7	3834707	0.9	
23	337.6	1431.5	-0.2	-0.3	0.9	-0.3	-0.8	3758977	1.2	
23	337.3	1431.1	1.5	-0.6	0.4	0.9	-0.8	3686180	1.2	
23	337	1431	0.4	-0.3	0.3	0.2	-0.8	3641305	0.5	
23	336.7	1430.7	2	1.4	-0.1	1.4	-0.8	3616149	-0.4	
23	336.4	1430.4	2.5	0.8	-0.7	0.4	-0.6	3622405	-1.1	
23	336.1	1430.1	0.9	-0.6	-1	-1.3	-0.6	3666813	-2	
23	335.8	1430	2	0	-1	-1.6	-0.5	3758977	-2.8	
23	335.5	1430.1	2.4	-0.4	-1.2	-1.8	-0.3	3913552	-3.4	
23	335.2	1430.1	1.7	0.5	-1	-2.8	-0.3	4146040	-4	
23	334.9	1430.2	2.5	0.2	-0.6	-3.3	-0.2	4473825	-4.3	
23	334.6	1430.4	1.2	-3	-0.5	-3.4	-0.2	4891940	-4.5	
23	334.3	1430.8	1.1	-1.2	0.1	-4.9	-0.2	5396263	-4.6	
23	334	1430.9	2.3	-2.8	0.5	-3.6	-0.3	5982143	-4.5	
23	333.7	1431	1.2	-2.5	0.7	-3.6	-0.3	6604890	-4.5	
23	333.4	1430.9	1.4	-2.9	0.8	-3.9	-0.3	7269965	-4.2	
23	333.1	1431.1	1.2	-3.4	0.7	-3.8	-0.2	7841760	-4	
23	332.8	1431.2	1.2	-1.6	0.6	-2.9	0	8308532	-3.7	
23	332.5	1431	1.5	-2.8	0.1	-3.4	0.4	8616255	-3.1	
23	332.2	1431.3	-0.2	-3.1	-0.2	-3	0.9	8871822	-2.8	
23	331.9	1431.1	0.7	-3.6	-0.8	-2.3	1.3	9143013	-2.5	
23	331.6	1431.1	0.3	-3.7	-1.4	-2.7	1.7	9389014	-2.1	
23	331.3	1431.2	-0.3	-3.7	-1.7	-1.7	2	9648618	-1.9	
23	331	1430.9	0.1	-4.5	-2.1	-3	2.1	9970238	-1.6	
23	330.7	1431.1	-0.4	-3.5	-2.2	-2.6	2.3	10314040	-1.2	
23	330.4	1431.1	-0.9	-4.4	-2.4	-3.2	2.3	10682398	-1.1	
23	330.1	1430.8	1	-2.2	-2.5	-1.5	2.2	11136968	-0.8	
23	329.8	1430.8	-1.2	-4.4	-2.5	-1.9	2	11567680	-0.6	
23	329.5	1430.5	-0.1	-3.9	-2.3	-1.4	1.7	11896307	-0.2	
23	329.2	1430.6	-0.4	-3.4	-1.9	-1.6	1.4	12102601	0.3	
23	328.9	1430.8	-2.1	-4.4	-1.5	-3	1	11964286	0.3	
23	328.6	1430.8	1.6	-2.8	-1	0.4	0.7	11631945	0.4	
23	328.3	1430.9	0.7	-2.1	-0.7	-0.2	0.4	11078042	0.5	
23	328	1431.2	1.2	-1.6	-0.3	0.6	0.2	10521357	0.6	
23	327.7	1431.1	2	-0.4	0	0.4	0	9922986	0.9	
23	327.4	1431.2	0.4	-0.6	0.4	-0.2	-0.2	9264381	1	
23	327.1	1431.1	1.6	0.5	0.8	0.2	-0.5	8651860	0.8	
23	326.8	1431.1	2.8	2.5	0.8	1.3	-0.5	8083977	0.7	
23	326.5	1431.3	2.8	3.4	1.2	1.7	-0.5	7613637	0.2	
23	326.2	1431.3	3.2	3.5	1.1	-0.6	-0.3	7295296	-0.2	
23	325.9	1431.3	3.3	4	1.1	-0.2	-0.2	7049664	-0.8	
23	325.6	1431.5	3.4	3.2	1	-1.2	0	6842320	-1.5	
23	325.3	1431.3	4.1	3.8	0.9	-1.7	0.1	6710737	-2.1	
23	325	1431.2	4.5	4.7	0.4	-0.1	0.4	6563480	-2.7	
23	324.7	1431.1	4.5	3	0	-2.1	0.7	6442308	-3.3	
23	324.4	1430.9	4.9	4.5	-0.4	-2.5	1	6325529	-3.9	
23	324.1	1430.5	4.8	2.8	-1	-2.8	1	6194527	-4.4	
23	323.8	1430.2	5.6	3.1	-1.3	-2	1.1	6068841	-4.7	
23	323.5	1429.9	4.8	3.9	-1.6	-2.3	1.1	5948154	-4.9	
23	323.2	1429.7	5	3	-2	-2.8	1.1	5832173	-5.1	
23	322.9	1429.6	5.5	3.1	-2.1	-1.9	1.1	5736302	-5.1	
23	322.6	1429.7	3.5	1.8	-1.9	-4.1	1	5658784	-5.1	
23	322.3	1429.6	5	2.5	-1.7	-2.4	0.7	5643531	-5.2	
23	322	1429.6	4.3	3.1	-1.5	-2.8	0.4	5705041	-4.9	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
23	321.7	1429.6	3.5	2.4	-1.3	-2.5	0.3	5832173	-3.8	
23	321.4	1429.5	2.7	0.4	-1.1	-3.1	0.1	6016523	-2.5	
23	321.1	1429.6	1.1	-0.1	-0.6	-3.5	-0.2	6250000	-1.4	
23	320.8	1429.8	2	0.6	-0.3	-1.6	-0.3	6522586	0	
23	320.5	1429.9	0.5	-0.7	0.2	-1.9	-0.5	6820033	1.5	
23	320.2	1430	0.5	-0.7	0.4	-0.1	-0.7	7145905	2.8	
23	319.9	1430	-0.1	-1.6	0.4	-0.3	-0.7	7451068	4.4	
23	319.6	1430.4	-0.5	-0.3	0.5	0.5	-0.6	7726015	5.2	
23	319.3	1430.6	-0.3	-1	0.4	1.5	-0.5	7930871	5.6	
23	319	1430.9	1	0.7	0.3	3.1	-0.1	8083977	5.6	
23	318.7	1430.9	1.6	1.9	-0.2	3.5	0.1	8115310	4.8	
23	318.4	1431	2.3	2.2	-0.5	2.4	0.4	8115310	3.8	
23	318.1	1430.9	2.4	2.8	-0.8	1.8	0.4	8115310	2.5	
23	317.8	1430.9	3.4	4.3	-0.8	1.5	0.5	8083977	1	
23	317.5	1431.1	4.2	3.2	-0.7	0.6	0.7	7991412	-0.4	
23	317.2	1431.4	4.2	5.4	-0.6	0	0.8	7841760	-1.7	
23	316.9	1431.8	4.2	4.3	-0.2	-0.9	0.9	7613637	-2.7	
23	316.6	1432	4.3	4.7	0.1	-3	0.8	7320804	-3.5	
23	316.3	1432.4	4.7	6.8	0.8	-2.3	0.6	7049664	-4.1	
23	316	1432.5	5.5	3.9	1.1	-3	0.4	6820033	-4.5	
23	315.7	1432.7	5.8	5.1	1.4	-3.9	0.4	6604890	-4.8	
23	315.4	1432.5	5.3	4.1	1.3	-4	0.3	6402905	-5.1	
23	315.1	1432.2	6.5	4.5	0.8	-4	0.4	6231399	-5.3	
23	314.8	1432	5.5	5.1	0.4	-4.6	0.4	6158088	-5.3	
23	314.5	1431.6	5.2	3.6	-0.1	-4.8	0.4	6158088	-5.4	
23	314.2	1431.3	6.6	3.8	-0.5	-3.1	0.5	6231399	-5.2	
23	313.9	1431.1	4.3	1.5	-0.8	-5.4	0.4	6344697	-5.2	
23	313.6	1431	5.7	2.5	-0.9	-4.3	0.4	6502329	-5.1	
23	313.3	1430.8	7.3	4	-1.1	-2.6	0.4	6689297	-5	
23	313	1430.9	5	1.6	-1	-4.6	0.4	6864754	-4.8	
23	312.7	1430.9	6.2	2.1	-1	-3.6	0.5	7026007	-4.5	
23	312.4	1430.9	5.5	1	-0.8	-3.4	0.5	7049664	-4.2	
23	312.1	1430.8	5.1	0.6	-0.7	-3.1	0.5	6887336	-3.9	
23	311.8	1430.6	4.7	-0.2	-0.8	-4.1	0.5	6563480	-3.5	
23	311.5	1430.5	4.4	-0.4	-0.9	-2.5	0.6	6122076	-3.2	
23	311.2	1430.5	4.3	-1.3	-1	-3.5	0.7	5643531	-2.9	
23	310.9	1430.4	3.9	-0.9	-1	-4	0.7	5195410	-2.8	
23	310.6	1430.6	4.3	-0.7	-1.1	-2.8	0.9	4802179	-2.6	
23	310.3	1430.5	4.1	-1.4	-1.4	-3	0.9	4464286	-2.4	
23	310	1430.5	4	0.5	-1.5	-2.6	1	4195892	-2	
23	309.7	1430.4	3.4	-1.6	-1.5	-3	1	3980514	-1.7	
23	309.4	1430.4	4	-0.3	-1.2	-1.8	1	3841744	-1.5	
23	309.1	1430.4	3.1	-0.4	-0.9	-2.8	0.9	3758977	-1.3	
23	308.8	1430.5	4.1	1.4	-0.6	-0.3	0.9	3752241	-1.1	
23	308.5	1430.7	3	1.9	0	-2	0.7	3793026	-1	
23	308.2	1430.7	3.9	1.9	0.3	-1.1	0.4	3870148	-1	
23	307.9	1431	3.2	2.7	0.8	-1.8	0.3	3965436	-0.9	
23	307.6	1431.1	3.6	3.1	0.9	-1.2	0.3	4097359	-1	
23	307.3	1430.9	4.3	4.4	0.7	0.1	0.3	4255590	-1.2	
23	307	1430.7	3.8	4.3	0.5	-2.2	0.3	4445329	-1.5	
23	306.7	1430.3	4.9	5.2	-0.4	0.7	0.6	4663141	-1.8	
23	306.4	1430	2.4	1.4	-0.7	-3.6	0.6	4869186	-2	
23	306.1	1429.6	4.1	2.5	-1.5	-1.1	0.7	5069613	-2.3	
23	305.8	1429.4	3.8	1.5	-1.7	-2.6	0.8	5221322	-2.6	
23	305.5	1429.3	4.2	1.8	-2.2	-1.7	1	5354860	-2.8	
23	305.2	1429.3	3.7	0.3	-2.3	-1.9	1	5452474	-3	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
23	304.9	1429.4	2.6	-1.6	-2	-4.6	0.8	5524407	-3.2	
23	304.6	1429.4	5	0.8	-1.8	-1.2	0.7	5568484	-3.4	
23	304.3	1429.7	1.7	-2.5	-1.4	-4.8	0.6	5598262	-3.5	
23	304	1429.8	3.9	-0.4	-1	-1.6	0.4	5613271	-3.6	
23	303.7	1430	2.8	-1.9	-0.6	-2.6	0.3	5613271	-3.7	
23	303.4	1429.9	3.7	-1.8	-0.6	-1.2	0.2	5598262	-3.5	
23	303.1	1430.1	3	-2.8	-0.4	-3.3	0.3	5583334	-3.3	
23	302.8	1430.2	1.6	-3.7	-0.3	-3.6	0.4	5568484	-3	
23	302.5	1430.3	3.8	-2.7	-0.6	0.1	0.9	5568484	-2.1	
23	302.2	1430.4	1.9	-3.6	-0.9	-2.2	1.4	5583334	-1.2	
23	301.9	1430.6	1.1	-4.1	-1.2	-0.2	1.9	5598262	-0.8	
23	301.6	1430.7	1.4	-5.2	-1.8	0.1	2.6	5628360	0.6	
23	301.3	1431	-0.6	-4.9	-1.9	-1.3	3	5674120	1	
23	301	1431.2	-0.9	-6.6	-1.5	-2.3	3	5752061	0.8	
23	300.7	1431.1	1.9	-5.4	-1.7	0.5	3	5848464	0.6	
23	300.4	1431	0.8	-4.2	-1.7	0.3	2.8	5982143	0.2	
23	300.1	1430.6	0.6	-5.6	-1.8	-1	2.3	6122076	-0.3	
23	299.8	1430.3	0.9	-4.6	-2.1	-0.8	2	6325529	-0.5	
23	299.5	1430	-0.7	-5.8	-1.9	-2.2	1.3	6563480	-1.1	
23	299.2	1429.9	0	-4.7	-1.7	-2.4	0.7	6820033	-1.8	
23	298.9	1429.7	0.5	-3.9	-1.5	-1.6	0	7049664	-2.3	
23	298.6	1429.6	0.8	-3.5	-1.3	-1.1	-0.5	7195017	-2.6	
23	298.3	1429.5	0.9	-3	-1.1	-2.9	-0.7	7269965	-2.7	
23	298	1429.5	-0.3	-4.6	-0.7	-3.1	-0.9	7219828	-2.7	
23	297.7	1429.8	-1.1	-5.2	0.3	-4	-1.2	7121599	-2.7	
23	297.4	1430.3	0.6	-3.4	1.1	-2.3	-1.2	7002509	-2.6	
23	297.1	1430.6	-0.3	-3.7	1.6	-1.5	-1.3	6842320	-2.5	
23	296.8	1431	-0.1	-4.1	2	-2.4	-1.3	6646826	-2.4	
23	296.5	1431.4	0.2	-2.9	2.3	-2.6	-1.1	6522586	-2.1	
23	296.2	1431.6	-0.5	-4.6	2.5	-3.1	-1.1	6422546	-2	
23	295.9	1431.5	0.3	-2.7	2.1	-2.7	-0.8	6363982	-1.9	
23	295.6	1431.3	-0.6	-4.5	1.7	-2	-0.6	6344697	-1.8	
23	295.3	1430.8	-0.2	-3.4	0.7	-1.2	-0.4	6363982	-1.6	
23	295	1430.5	-0.3	-3.9	-0.1	-1.8	-0.1	6422546	-1.3	
23	294.7	1430.5	-2	-6.3	-0.4	-3.1	0.1	6442308	-1.3	
23	294.4	1430.6	-0.2	-4	-0.6	-1.9	0.2	6442308	-1.4	
23	294.1	1430.8	0.8	-4.1	-0.8	-0.8	0.4	6422546	-1.5	
23	293.8	1430.8	0.5	-1.9	-0.9	-1	0.4	6344697	-1.6	
23	293.5	1430.9	1.3	-2.8	-1	-0.7	0.5	6231399	-1.6	
23	293.2	1430.9	-0.4	-4.2	-0.9	-1.8	0.5	6086483	-1.6	
23	292.9	1431.1	0	-4.2	-0.3	-2.1	0.5	5982143	-1.6	
23	292.6	1431.2	-0.2	-3.9	0	-1.7	0.5	5914548	-1.6	
23	292.3	1431.1	-0.1	-2.7	0.1	-0.8	0.4	5948154	-1.7	
23	292	1431	0.7	-4.3	0	-1.2	0.4	6104228	-1.9	
23	291.7	1430.9	0.1	-1.6	-0.3	-2	0.3	6422546	-1.9	
23	291.4	1431	0.2	-3.7	-0.3	-2.3	0.3	6979167	-2	
23	291.1	1431.2	0.6	-2.2	-0.1	-2.7	0.2	7812500	-2	
23	290.8	1431.3	0.2	-3.5	0	-1.3	0.1	8947650	-2	
23	290.5	1431	1.2	-1.8	-0.4	-1.1	0.1	10521357	-2	
23	290.2	1431	0.2	-1.4	-0.6	-2.4	0.1	12612952	-2	
23	289.9	1430.6	0	-3.8	-0.7	-2.4	-0.1	15172102	-2	
23	289.6	1430.6	0.2	-1.7	-0.5	-2.9	-0.2	18528761	-2	
23	289.3	1430.9	-0.4	-1.5	-0.3	-2.8	-0.2		-2.1	
23	289	1431.1	0.5	-0.9	-0.3	-2.1	-0.1		-2.1	
23	288.7	1431.3	1.3	1.9	-0.6	-1.8	0.3		-2.1	
23	288.4	1431.4	-0.5	0.4	-0.7	-3.6	0.4		-2.3	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
23	288.1	1431.6	0.6	-1.3	-0.5	-3.3	0.6		-2.4	
23	287.8	1431.7	1.4	0.6	-0.5	-1.5	0.7	19752359	-2.5	
23	287.5	1431.7	1	0.4	-0.5	-1.9	0.8	17447917	-2.6	
23	287.2	1431.6	1.6	0.7	-0.8	-2.1	1	15509259	-2.7	
23	286.9	1431.8	0.5	1.2	-1	-2.3	1.2	13774671	-2.7	
23	286.6	1431.9	0.9	0.9	-1	-2.6	1.2	12316177	-2.9	
23	286.3	1432	1.4	0.9	-0.9	-2.6	1.1	11256721	-3	
23	286	1432.1	1.3	0.5	-0.8	-1.6	1	10365099	-3.1	
23	285.7	1431.9	1.9	1	-0.9	-2.1	0.9	9783879	-3	
23	285.4	1432.1	0.7	1	-1	-3	0.9	9389014	-2.7	
23	285.1	1432.2	0.6	1.7	-0.8	-4	0.7	9183114	-2.6	
23	284.8	1432.2	1.9	1.3	-0.8	-2.8	0.7	9223568	-2.6	
23	284.5	1432.3	0.7	1	-1	-3.2	0.7	9473982	-2.5	
23	284.2	1432.3	0.7	0.8	-1	-3.2	0.7	9829812	-2.2	
23	283.9	1432.3	0.7	0.5	-1.3	-2.5	0.8	10365099	-1.6	
23	283.6	1432.3	0.2	0.7	-1.4	-2.7	0.9	11019737	-1.3	
23	283.3	1432.2	1.4	1.1	-1.3	-1.6	1	11829096	-1.2	
23	283	1432.7	0.6	1.2	-0.8	-2.1	0.9	12766768	-1.7	
23	282.7	1432.9	3	3.2	-0.4	0.2	0.8	13865894	-2	
23	282.4	1433.1	2.6	2.9	-0.1	-0.9	0.7	14955357	-2.2	
23	282.1	1433.4	2.3	4.3	0.5	-1.1	0.5	15982825	-2.6	
23	281.8	1433.3	2.5	2.7	0.7	-1.1	0.2	17022358	-2.8	
23	281.5	1433.6	1.8	1	1.2	-2	0	17743644	-2.9	
23	281.2	1433.5	1.9	1.4	1.5	-1.5	-0.2	18366228	-3	
23	280.9	1433.2	1.7	0.4	1.4	-2.4	-0.4	18528761	-3.1	
23	280.6	1433.1	1.3	1.7	1.2	-2.3	-0.5	18049569	-3.1	
23	280.3	1432.8	1.1	1.1	0.9	-3.5	-0.5	17161885	-2.9	
23	280	1432.7	0.7	0.9	0.7	-3.5	-0.5	16105769	-2.7	
23	279.7	1432.5	1	1.1	0.3	-3	-0.5	14744718	-2.6	
23	279.4	1432.4	1	0.3	0.3	-2.7	-0.5	13421474	-2.4	
23	279.1	1432.4	1.1	1	-0.1	-2	-0.3	12389053	-2.2	
23	278.8	1432.2	0.7	0.5	-0.5	-2.1	-0.2	11567680	-1.7	
23	278.5	1432.2	0.7	0.1	-0.5	-1.6	0	11136968	-1.3	
23	278.2	1432	0.4	0.2	-0.9	-1.5	0.1	10962042	-1	
23	277.9	1431.9	0.5	-0.7	-0.9	-0.9	0.1	11078042	-0.8	
23	277.6	1432	0.4	0.2	-0.9	-0.7	0.2	11441257	-0.6	
23	277.3	1431.9	0.6	0.6	-1	-0.6	0.3	12244152	-0.4	
23	277	1431.9	0.2	0	-0.9	-0.9	0.4	13508065	-0.3	
23	276.7	1432.1	0.1	0.5	-0.9	-1	0.5	15509259	-0.2	
23	276.4	1432.3	0.3	-0.2	-0.5	-0.6	0.5	18366228	-0.1	
23	276.1	1432.3	0.3	-1	-0.5	-0.3	0.5		-0.1	
23	275.8	1432.4	0.5	1	-0.2	-0.3	0.4		-0.2	
23	275.5	1432.6	0.2	-0.4	0.1	-0.5	0.3		-0.2	
23	275.2	1432.7	0.3	-1.1	0.4	-0.7	0.1		-0.4	
23	274.9	1432.7	0.7	-0.3	0.7	-0.6	-0.2		-0.5	
23	274.6	1432.5	0.7	-0.9	0.7	-0.7	-0.5		-0.8	
23	274.3	1432.5	0.8	0.3	0.7	-0.9	-0.6		-1.1	
23	274	1432.4	0.9	0	0.6	-1.3	-0.7		-1.3	
23	273.7	1432.4	0.3	-1.1	0.8	-2.2	-0.8		-1.6	
23	273.4	1432.4	0.8	-0.5	0.8	-2	-0.8		-1.9	
23	273.1	1432.4	0.4	-1.5	0.7	-2.6	-0.8		-2.2	
23	272.8	1432.5	0.8	0.1	0.7	-2.4	-0.8		-2.4	
23	272.5	1432.6	1.1	0.5	0.5	-2.7	-0.6		-2.6	
23	272.2	1432.7	1.1	-0.8	0.6	-2.6	-0.5		-2.7	
23	271.9	1432.7	1.2	0.5	0.5	-2.9	-0.4		-3	
23	271.6	1432.7	1.6	0.9	0.4	-2.7	-0.2		-3.1	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
23	271.3	1432.5	1.6	0.9	-0.1	-2.3	-0.1		-3.2	
23	271	1432.4	1.4	1.2	-0.4	-2.8	0.1		-3.2	
23	270.7	1432.5	1.4	0	-0.6	-2.3	0.4	19208716	-3.2	
23	270.4	1432.6	1.4	0.8	-0.9	-2.4	0.7	18528761	-3.2	
23	270.1	1432.7	1.6	-1.4	-0.9	-2.7	0.9	18528761	-3.2	
23	269.8	1432.7	1.4	-1.2	-1	-2.1	1.1	19034091	-3.2	
23	269.5	1432.8	1.4	-0.9	-1.1	-2.6	1.2	19752359	-3.2	
23	269.2	1432.7	1.4	-1.1	-1.1	-2.7	1.1		-3	
23	268.9	1432.9	1	-0.8	-0.7	-3	1.1		-2.8	
23	268.6	1432.9	1.2	-0.7	-0.5	-2.4	1		-2.7	
23	268.3	1432.9	0.6	-1.1	-0.2	-2.3	0.7		-2.4	
23	268	1433	0.5	-0.8	0.2	-2.3	0.4		-2.1	
23	267.7	1432.8	1.2	0.1	0.3	-1.6	0.1		-1.7	
23	267.4	1432.6	-0.5	-1.2	0.5	-2.8	-0.4	19386574	-1.1	
23	267.1	1432.7	0.4	-0.6	0.7	-1.8	-0.6	18049569	-0.5	
23	266.8	1432.7	0.7	-0.3	0.8	-1	-0.8	16885081	0.2	
23	266.5	1432.5	0.9	-0.2	0.5	-0.2	-0.9	16105769	0.8	
23	266.2	1432.3	0.4	-0.3	0.2	-0.3	-0.9	15625000	1.3	
23	265.9	1432.2	-0.4	-1.1	-0.1	-0.5	-0.8	15742481	1.6	
23	265.6	1432.2	0.1	-0.3	-0.3	0.1	-0.7	16105769	1.7	
23	265.3	1432.1	0.6	0.1	-0.7	0.1	-0.5	16750000	1.7	
23	265	1432.2	1.1	0.7	-0.9	0.8	-0.2	17594538	1.2	
23	264.7	1432.4	2	1.4	-1	1	0	18366228	0.2	
23	264.4	1432.7	2.4	2.2	-0.9	-0.4	0.2	18694197	-0.8	
23	264.1	1432.9	2.7	2.6	-0.8	-1.5	0.4	18694197	-2	
23	263.8	1433.1	2.8	2.5	-0.7	-2	0.7	18049569	-3.1	
23	263.5	1433.3	2.8	2.5	-0.6	-2.2	0.9	16885081	-4	
23	263.2	1433.5	2.9	2.4	-0.7	-3.4	1.2	15395221	-4.7	
23	262.9	1433.8	3.3	3.1	-0.5	-3.5	1.5	13958333	-5.1	
23	262.6	1434	3.5	3.2	-0.5	-3.5	1.8	12689394	-5.3	
23	262.3	1434.2	2.1	1.4	-0.5	-5.4	1.9	11696928	-5.3	
23	262	1434.1	3.3	2.6	-0.6	-4	1.7	10904948	-4.9	
23	261.7	1434.1	3.5	2.7	-0.6	-3.8	1.6	10314040	-4.5	
23	261.4	1434	3	2.1	-0.4	-3.5	1.3	9922986	-3.9	
23	261.1	1433.9	2.5	2.2	-0.2	-3.4	0.9	9693287	-3.3	
23	260.8	1433.7	3.1	2.3	-0.1	-2.6	0.4	9604358	-2.9	
23	260.5	1433.5	2.9	2.5	0.1	-2.5	-0.1	9648618	-2.5	
23	260.2	1433.3	2.3	1.5	0.1	-2.6	-0.5	9783879	-1.9	
23	259.9	1433.2	2.4	1.3	0.3	-1.2	-0.8	9922986	-1.4	
23	259.6	1433.2	2.4	1.3	0.4	-1.1	-0.9	10213415	-0.9	
23	259.3	1433.3	2.9	1.7	0.3	-0.7	-0.8	10574495	-0.6	
23	259	1433.1	2.5	0.9	0.3	-0.4	-0.8	10962042	-0.2	
23	258.7	1433.1	2.4	0.8	0.1	0.3	-0.5	11441257	0.1	
23	258.4	1433.2	2.8	1.4	0.1	0.3	-0.1	11964286	0.2	
23	258.1	1433.2	2.6	1.2	0	-0.1	0.2	12462798	0.4	
23	257.8	1433.4	2.4	1	0	0.2	0.7	12924383	0.3	
23	257.5	1433.3	2.2	0.6	-0.1	-0.1	0.9	13421474	0.1	
23	257.2	1433.4	2	0.6	-0.1	-0.3	1.1	13508065	0	
23	256.9	1433.4	2.5	1.1	-0.3	-0.8	1.2	13251582	-0.5	
23	256.6	1433.1	2.4	1	-0.5	-0.9	1.1	12766768	-0.8	
23	256.3	1433.1	1.9	0.9	-0.4	-1.7	0.9	12172965	-1.3	
23	256	1432.7	2.3	1.1	-0.4	-2	0.4	11504121	-1.8	
23	255.7	1432.4	3.2	2.6	-0.6	-1.2	0.1	10904948	-2	
23	255.4	1432.1	2.8	2.3	-0.8	-1.7	-0.2	10365099	-2.3	
23	255.1	1431.8	2.4	1.2	-0.8	-2.1	-0.5	9922986	-2.4	
23	254.8	1431.6	2.3	2.8	-0.9	-2	-0.7	9604358	-2.4	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
23	254.5	1431.7	2.6	2.2	-0.8	-2.3	-0.7	9389014	-2.5	
23	254.2	1431.8	2.6	1.9	-0.6	-2	-0.6	9264381	-2.4	
23	253.9	1432.1	2.3	1.4	-0.7	-1.8	-0.3	9264381	-2.4	
23	253.6	1432.3	2.3	1.9	-0.6	-2.3	0	9389014	-2.4	
23	253.3	1432.6	2.3	2.7	-0.5	-2.7	0.4	9648618	-2.4	
23	253	1432.7	2	1.9	-0.4	-2.9	0.6	10066106	-2.6	
23	252.7	1432.8	2	1.4	-0.2	-2.6	0.7	10682398	-2.8	
23	252.4	1432.9	1.9	0.8	-0.1	-2.8	0.8	11567680	-3	
23	252.1	1433	2.4	0.4	0.1	-2.5	0.8	12845092	-3.2	
23	251.8	1433	2.1	-0.3	0.1	-2.8	0.7	14243197	-3.2	
23	251.5	1433.1	1.6	-1.1	0.1	-3.3	0.6	15982825	-3.4	
23	251.2	1433.1	2.2	-0.6	0.2	-3.1	0.4	17594538	-3.6	
23	250.9	1433	2	-0.8	0.1	-3	0.3	18862613	-3.6	
23	250.6	1432.8	1.9	-1	0	-3.2	0.3	19386574	-3.4	
23	250.3	1432.7	1.2	-2.1	-0.2	-3.4	0.4	18862613	-3	
23	250	1432.8	1	-2.5	-0.3	-3.3	0.6	17743644	-2.8	
23	249.7	1432.6	0.8	-1.3	-0.5	-4	0.5	16230620	-2.6	
23	249.4	1432.6	0.9	-2.4	-0.6	-3.4	0.5	14744718	-2.1	
23	249.1	1432.7	0.8	-2.7	-0.5	-2.9	0.4	13595779	-1.6	
23	248.8	1432.6	1.2	-1.8	-0.5	-2.4	0.3	12537425	-1	
23	248.5	1432.6	0.5	-2	-0.5	-2.4	0.2	11829096	-0.6	
23	248.2	1432.4	1.5	-1.6	-0.3	-0.7	0	11441257	-0.3	
23	247.9	1432.3	1.2	-1.7	-0.1	-0.3	-0.2	11256721	0	
23	247.6	1432.1	1.2	-1.1	0	0.4	-0.5	11379076	0	
23	247.3	1432.2	2.1	-0.3	0.2	1	-0.5	11631945	-0.1	
23	247	1432.4	2.4	0	0.3	1.4	-0.3	12102601	-0.3	
23	246.7	1432.5	2.6	-0.3	0.2	0.9	-0.2	12766768	-0.7	
23	246.4	1432.6	3.1	0.6	0.4	0.9	-0.1	13508065	-1.2	
23	246.1	1432.8	2.6	0.2	0.3	0.4	0.1	14243197	-1.4	
23	245.8	1432.7	1.9	-0.9	0.2	-1	0.2	14744718	-1.6	
23	245.5	1432.5	1.9	-0.7	-0.2	-1.2	0.3	15062950	-1.6	
23	245.2	1432.4	0.7	-1.7	-0.3	-2.6	0.4	15062950	-1.8	
23	244.9	1432.3	1.2	-1	-0.7	-2.4	0.5	14641608	-2	
23	244.6	1432.3	0.6	-1.4	-0.8	-3.3	0.5	14052014	-2.2	
23	244.3	1432.2	1.2	-1.3	-1	-3	0.5	13421474	-2.3	
23	244	1432	0.7	-1.7	-1.1	-4	0.4	12845092	-2.3	
23	243.7	1432.2	1.1	-0.8	-1.1	-3.1	0.4	12389053	-2.4	
23	243.4	1432.2	1.1	-1.2	-1	-2.8	0.3	12102601	-2.6	
23	243.1	1432.4	1.9	-1.3	-0.8	-2	0.3	12102601	-2.7	
23	242.8	1432.5	1.8	-1	-0.7	-1.7	0.3	12316177	-2.8	
23	242.5	1432.7	1.2	-1.2	-0.5	-2.6	0.3	12689394	-2.8	
23	242.2	1432.8	1.1	-1.2	-0.2	-2.4	0.1	13251582	-2.9	
23	241.9	1432.9	1.3	-1.3	0	-2.7	0.1	13865894	-2.9	
23	241.6	1432.9	1.6	-1	0.4	-1.8	0	14439655	-2.8	
23	241.3	1433.1	1	-1.3	0.3	-2.2	0.1	15172102	-2.6	
23	241	1433.1	0.7	-1.6	0.3	-2.6	0.1	15742481	-2.3	
23	240.7	1433.2	0.5	-1.8	0.3	-2.7	0.1	16357422	-1.7	
23	240.4	1433.3	0.7	-1.3	0.2	-2	0.2	17303719	-1.3	
23	240.1	1433.4	0.8	-1.2	0.2	-1.1	0.2	18694197	-0.9	
23	239.8	1433.4	0.7	-1.2	-0.1	-0.7	0.3		-0.4	
23	239.5	1433.4	0.9	-1.5	-0.4	-0.1	0.4		0.3	
23	239.2	1433.1	0.6	-1.5	-0.6	-0.3	0.4		0.8	
23	238.9	1433.2	0.2	-1.4	-0.7	-0.1	0.5		1	
23	238.6	1433.2	0.9	-1.3	-0.6	1.1	0.5		1.1	
23	238.3	1433.2	1.1	-0.9	-0.5	1.5	0.5		1.1	
23	238	1433.3	1.1	-0.8	-0.3	1.4	0.5		1.2	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
23	237.7	1433.4	0.8	-0.4	-0.1	1.3	0.5		1.2	
23	237.4	1433.7	0.9	-0.1	0.2	1	0.5		0.8	
23	237.1	1433.8	1.3	0.5	0.5	0.8	0.4		0.4	
23	236.8	1433.7	1.7	0.8	0.7	0.9	0.3		-0.1	
23	236.5	1433.7	1.6	0.8	0.7	0.5	0.2		-0.6	
23	236.2	1433.6	1	-0.2	0.5	-1	0.1		-1.1	
23	235.9	1433.3	0.9	0.4	0.4	-1.6	-0.1		-1.5	
23	235.6	1433	1.1	-0.4	0	-2.1	-0.2		-2	
23	235.3	1432.7	0.6	-0.6	-0.3	-2.7	-0.2		-2.2	
23	235	1432.6	0.7	-0.5	-0.7	-2.6	-0.1		-2.5	
23	234.7	1432.3	0.9	-1.2	-1	-3	-0.1		-2.7	
23	234.4	1432.3	0.9	-1.5	-1.1	-3.5	0		-2.8	
23	234.1	1432.4	0.8	-1.8	-1.1	-3.5	0.1		-2.9	
23	233.8	1432.7	1	-2.1	-1	-3.3	0.3		-3.1	
23	233.5	1432.9	0.9	-1.7	-0.9	-3.3	0.4		-3.2	
23	233.2	1433.1	1.4	-0.5	-0.5	-2.8	0.4		-3.2	
23	232.9	1432.9	1.4	-0.5	-0.3	-2.5	0.3		-3.2	
23	232.6	1433	0.8	0.1	0	-3.3	0.2		-3.2	
23	232.3	1433	1.1	-0.1	0.3	-2.9	0.1		-3.3	
23	232	1433.1	1.5	0.9	0.6	-2.2	0.1		-3.3	
23	231.7	1433.1	1.2	0	0.6	-2.7	0.1		-3.3	
23	231.4	1433.2	1.4	0.7	0.9	-3	-0.1		-3.2	
23	231.1	1433.5	1	-0.1	1.1	-3	-0.1		-3	
23	230.8	1433.4	1	-0.1	1	-3.3	-0.2		-2.6	
23	230.5	1433.2	0.8	-1.1	1	-2.9	-0.4		-1.9	
23	230.2	1433.1	1.2	-0.6	0.8	-1.6	-0.5		-1.3	
23	229.9	1432.9	0.5	-0.7	0.8	-1.7	-0.7		-0.6	
23	229.6	1432.5	0	-1.1	0.5	-1.5	-1		0.2	
23	229.3	1432.3	0.4	-0.9	0.5	-0.4	-1.2		0.6	
23	229	1432.2	1.4	-0.2	0.5	1	-1.2		0.8	
23	228.7	1432.1	1.1	0.1	0.1	1	-1.1		0.8	
23	228.4	1432.2	2	1.3	0.2	1.8	-1		0.5	
23	228.1	1432.3	2.3	1.8	0.1	1.6	-0.8		0.2	
23	227.8	1432.5	2.2	1.5	0.1	0.9	-0.4		-0.2	
23	227.5	1432.6	2	1.2	0.1	0.4	-0.1		-0.8	
23	227.2	1432.8	1.9	1.2	0.1	0.3	0.4		-1.2	
23	226.9	1432.9	1.5	0.6	0	-0.6	0.7		-1.6	
23	226.6	1432.7	1.1	0.5	-0.1	-2	0.8		-1.9	
23	226.3	1432.6	0.8	0.6	-0.2	-2.1	0.8		-1.9	
23	226	1432.6	0.5	-0.4	-0.1	-3	0.7		-2.1	
23	225.7	1432.7	1.1	0	0.1	-2.4	0.6		-2.2	
23	225.4	1432.5	1.1	0	0.2	-2.5	0.3		-2.2	
23	225.1	1432.2	1.2	0.4	0.2	-2.5	-0.1		-2.3	
23	224.8	1432.1	0.8	-0.1	0.2	-2.6	-0.3		-2.3	
23	224.5	1432.1	0.7	-0.6	0.2	-2.6	-0.5		-2.3	
23	224.2	1431.9	1.1	-0.6	0.4	-1.8	-0.7		-2.2	
23	223.9	1431.8	1	-0.6	0.1	-1.9	-0.6		-2.1	
23	223.6	1431.8	0.9	-0.1	0.1	-1.9	-0.4		-2	
23	223.3	1431.6	0.4	-0.5	-0.3	-2.6	-0.2		-1.9	
23	223	1431.6	0.7	-0.4	-0.3	-2.2	0.1		-1.8	
23	222.7	1431.6	0.8	0.2	-0.2	-2.2	0.4		-1.8	
23	222.4	1431.6	0.3	-0.4	-0.3	-2.3	0.7		-1.7	
23	222.1	1431.8	0.5	-0.4	-0.4	-2.2	1		-1.6	
23	221.8	1431.8	0.4	-0.5	-0.4	-2.6	1.1		-1.5	
23	221.5	1431.9	0.8	0	-0.4	-2.1	1.2		-1.4	
23	221.2	1431.7	1.1	0.1	-0.6	-2	1.1		-1.4	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
23	220.9	1431.5	1.1	0.2	-0.5	-1.7	0.9		-1.4	
23	220.6	1431	1.1	-0.3	-0.8	-1.8	0.5		-1.3	
23	220.3	1430.5	1.2	-0.2	-1.1	-1.9	0.1		-1.3	
23	220	1430.3	1	0.2	-1	-1.8	-0.2		-1.3	
23	219.7	1430.3	1.5	0.4	-1.1	-1.3	-0.4		-1.3	
23	219.4	1430.3	2	0.5	-0.9	-0.8	-0.5		-1.3	
23	219.1	1430.4	2	0.8	-0.7	-1	-0.6		-1.3	
23	218.8	1430.6	2.5	1.1	-0.4	-0.9	-0.6		-1.3	
23	218.5	1430.7	2.5	1.5	-0.3	-0.8	-0.5		-1.3	
23	218.2	1431.1	2.6	1.6	0	-0.8	-0.2		-1.3	
23	217.9	1431.4	2.8	2	0.4	-0.7	0.1		-1.3	
23	217.6	1431.5	2.7	1.5	0.4	-0.7	0.3		-1.3	
23	217.3	1431.7	2.5	2	0.4	-1.3	0.4		-1.3	
23	217	1431.6	2.7	2.7	0.3	-1.2	0.4		-1.2	
23	216.7	1431.6	2.6	2.2	0.3	-1.2	0.4		-1.2	
23	216.4	1431.5	3.1	1.7	0.2	-1.2	0.3		-1.3	
23	216.1	1431.5	3	1.9	0.3	-0.8	0.1		-1.3	
23	215.8	1431.5	3.1	1.1	0.1	-0.5	0		-1.4	
23	215.5	1431.4	3.2	0.9	0.1	-0.9	-0.2		-1.4	
23	215.2	1431.3	3.2	1	-0.1	-0.9	-0.3		-1.6	
23	214.9	1431.5	3.5	1.5	-0.1	-0.5	-0.3		-1.9	
23	214.6	1431.5	3.4	1.5	-0.1	-0.5	-0.3		-2.2	
23	214.3	1431.4	3.2	1.7	-0.3	-1	-0.4		-2.5	
23	214	1431.4	3.5	2.4	-0.3	-1.6	-0.4		-2.8	
23	213.7	1431.5	2.5	1.7	-0.2	-2.5	-0.4		-2.8	
23	213.4	1431.7	1.8	1.3	0	-3.4	-0.5		-2.9	
23	213.1	1431.7	2.7	1.6	0	-2.5	-0.7		-2.8	
23	212.8	1431.9	2.3	1.2	0.2	-2.3	-0.8		-2.6	
23	212.5	1432.1	1.8	0.6	0.3	-2.2	-0.8		-1.9	
23	212.2	1432.2	0.8	0	0.3	-2.3	-0.8		-1.1	
23	211.9	1432.6	0.8	0.1	0.4	-1.7	-0.6		-0.8	
23	211.6	1432.8	1.5	0.4	0.5	-0.9	-0.5		-0.5	
23	211.3	1432.8	1.5	0.5	0.4	-0.8	-0.4		-0.5	
23	211	1433	1.6	0.7	0.2	0.2	0		-0.7	
23	210.7	1433.4	1.6	1.2	0.4	-0.5	0.4		-0.9	
23	210.4	1433.7	0.9	0.2	0.4	-1.4	0.7		-1	
23	210.1	1433.8	0.7	-0.1	0.5	-1.6	0.8		-1.1	
23	209.8	1433.9	0.6	0.3	0.5	-1.2	0.9		-1.2	
23	209.5	1434.2	0.2	-0.3	0.5	-1.5	1		-1.3	
23	209.2	1434.1	0.3	-0.1	0.4	-2.7	0.9		-1.4	
23	208.9	1434	1.1	0.3	0.4	-2.1	0.9		-1.4	
23	208.6	1433.8	-0.4	-1.5	0.2	-3.7	0.7		-1.4	
23	208.3	1433.5	-0.2	-1.3	0.1	-3.6	0.4		-1.4	
23	208	1433.3	0.3	-0.8	-0.1	-2.8	0.1		-1.3	
23	207.7	1433	0.7	-0.5	-0.2	-2.6	-0.2		-1.3	
23	207.4	1432.8	0.3	-0.7	-0.4	-2.8	-0.4	19940476	-1.2	
23	207.1	1432.8	0	-1.5	-0.6	-2.8	-0.6	19940476	-1.1	
23	206.8	1432.8	1.7	-0.3	-0.5	-1.7	-0.7		-1.2	
23	206.5	1432.6	2.2	0.2	-0.6	-1.7	-0.8		-1.2	
23	206.2	1432.7	2.3	-0.2	-0.6	-1	-0.7		-1.3	
23	205.9	1432.7	2.5	0	-0.5	-0.9	-0.6		-1.3	
23	205.6	1432.9	2.7	0.1	-0.2	-1.4	-0.5		-1.5	
23	205.3	1433	3.2	0.4	-0.1	-1.2	-0.4		-1.7	
23	205	1433.3	3.3	0.6	0.2	-1.2	-0.2		-1.9	
23	204.7	1433.7	3.3	0.8	0.2	-0.9	0.1		-2.1	
23	204.4	1433.8	4	1.3	0.2	-1.2	0.1		-2.3	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
23	204.1	1434	4.4	1.8	0.4	-1.5	0.3		-2.4	
23	203.8	1434.2	4.4	1.3	0.4	-1.4	0.4		-2.6	
23	203.5	1434.1	4.5	1.5	0.4	-1.3	0.4		-2.8	
23	203.2	1434	4.9	1.8	0.2	-0.9	0.4		-2.9	
23	202.9	1434	4.8	1.6	0.2	-1.2	0.5		-3	
23	202.6	1433.8	5	1.8	-0.1	-1.3	0.6		-3	
23	202.3	1433.9	4.3	0.8	-0.2	-1.7	0.7	18528761	-2.8	
23	202	1434.1	4.2	0.8	-0.1	-2.1	0.8	17161885	-2.7	
23	201.7	1434.1	4.7	1.5	-0.2	-1.7	0.8	15982825	-2.5	
23	201.4	1434	4.2	0.7	-0.3	-1.5	0.8	14955357	-2.2	
23	201.1	1433.8	3.6	1.1	-0.5	-1.9	0.8	14146960	-1.9	
23	200.8	1433.8	3.1	1.3	-0.5	-2.2	0.8	13774671	-1.6	
23	200.5	1433.5	2.9	0.2	-0.7	-1.9	0.7	13865894	-1.5	
23	200.2	1433.2	3.4	1.1	-1	-1.2	0.7	14340754	-1.4	
23	199.9	1433.1	3	1.2	-1.1	-1.1	0.7	15062950	-1.4	
23	199.6	1432.9	3.1	2.3	-1.3	-0.8	0.6	15982825	-1.4	
23	199.3	1432.9	3.4	2.6	-1.2	-0.8	0.6	17161885	-1.4	
23	199	1432.9	2.7	1.2	-1.2	-1.3	0.6	18694197	-1.4	
23	198.7	1432.9	2.7	1.2	-1.2	-0.9	0.6		-1.5	
23	198.4	1433	2.6	1	-1.2	-0.5	0.7		-1.6	
23	198.1	1433.1	1.8	0.2	-1	-1.2	0.7		-1.6	
23	197.8	1433.1	1.5	0.6	-0.9	-1.4	0.7		-1.6	
23	197.5	1433	1.1	0.4	-0.8	-1.6	0.5		-1.7	
23	197.2	1433.1	0.8	0.2	-0.7	-1.7	0.4		-1.8	
23	196.9	1433	0.8	0.6	-0.6	-1.9	0.2		-1.9	
23	196.6	1433.1	1	0.7	-0.3	-1.5	0.1		-2.1	
23	196.3	1433.2	0.7	-0.4	-0.1	-2.4	0		-2.4	
23	196	1433.2	0	0.4	0.1	-3.1	-0.2		-2.5	
23	195.7	1433.2	-0.1	0.1	0.5	-3	-0.4		-2.4	
23	195.4	1433.4	-0.7	-1	0.9	-3.6	-0.5		-2.1	
23	195.1	1433.6	-1	-1.7	1.4	-3.1	-0.5		-1.8	
23	194.8	1433.8	-1.6	-1.9	1.6	-3.3	-0.4		-1.4	
23	194.5	1433.8	-1.8	-1.8	1.8	-3.1	-0.4		-1	
23	194.2	1433.7	-1.8	-3.5	1.9	-3.2	-0.5		-0.7	
23	193.9	1433.7	-1.2	-3.4	1.9	-2.1	-0.5		-0.6	
23	193.6	1433.6	-1.3	-3.6	1.5	-1.6	-0.2		-0.3	
23	193.3	1433.2	-0.9	-3.4	0.9	-0.7	-0.1		-0.3	
23	193	1432.9	0.1	-2.6	0.3	0	0.1		-0.4	
23	192.7	1432.4	-0.5	-3.7	-0.3	-0.6	0.1		-0.6	
23	192.4	1432	-0.2	-3.5	-0.9	-0.2	0.1		-1	
23	192.1	1431.7	-0.2	-3.5	-1.3	-0.4	0.1		-1.3	
23	191.8	1431.6	0.4	-3.6	-1.8	0.2	0.3		-1.6	
23	191.5	1431.4	0	-4.4	-2	-1.2	0.4		-1.8	
23	191.2	1431.4	0.1	-4.3	-2.1	-1.1	0.4		-1.9	
23	190.9	1431.6	-0.9	-5.4	-1.8	-2.6	0.4		-2.1	
23	190.6	1431.6	0.1	-4.8	-1.5	-2	0.3		-2.2	
23	190.3	1431.6	0.1	-4.7	-1.2	-1.8	0.2		-2.2	
23	190	1431.7	-0.3	-5.3	-0.8	-2.3	0.1		-2.2	
23	189.7	1431.9	-0.4	-4.7	-0.4	-2.3	0.1		-2.1	
23	189.4	1432.4	-0.9	-5.1	0.1	-3	0.1		-1.9	
23	189.1	1432.4	0	-4.7	0.5	-1.7	-0.1		-1.8	
23	188.8	1432.6	0	-4.2	0.7	-1.8	-0.2		-1.8	
23	188.5	1432.8	0	-3.6	0.7	-1.3	-0.2		-1.8	
23	188.2	1432.7	-0.2	-3.3	0.8	-1.9	-0.3		-1.6	
23	187.9	1432.7	-0.2	-3.1	0.9	-1.9	-0.3		-1.6	
23	187.6	1432.7	-0.2	-3.6	0.9	-1.6	-0.3		-1.6	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
23	187.3	1432.8	-0.2	-3.2	0.8	-1.5	-0.3		-1.6	
23	187	1432.8	-0.1	-3.2	0.6	-1.2	-0.4		-1.7	
23	186.7	1432.7	-0.1	-3.5	0.7	-1.6	-0.5		-1.7	
23	186.4	1432.8	-0.1	-2.8	0.8	-1.6	-0.5		-1.7	
23	186.1	1432.9	0	-2.7	0.7	-1.5	-0.5		-1.8	
23	185.8	1432.9	0.1	-2.5	0.8	-1.6	-0.5		-1.9	
23	185.5	1432.7	0.1	-1.7	0.6	-1.9	-0.5		-1.9	
23	185.2	1432.5	-0.1	-1.6	0.6	-1.7	-0.5		-1.7	
23	184.9	1432.7	-0.2	-1.3	0.6	-1.5	-0.3		-1.6	
23	184.6	1432.7	-0.2	-1	0.5	-1.8	-0.2		-1.6	
23	184.3	1432.6	-0.3	-1.1	0.3	-2	-0.1		-1.5	
23	184	1432.4	-0.4	-1.4	0	-2.4	-0.1		-1.4	
23	183.7	1432.7	-0.5	-1.2	-0.1	-2.1	0.1		-1.3	
23	183.4	1432.6	-0.2	-0.2	-0.4	-1.5	0.1		-1.2	
23	183.1	1432.5	0.4	0.5	-0.5	-1.3	0.1		-1.2	
23	182.8	1432.1	0.1	0.8	-0.7	-1.7	0		-1.2	
23	182.5	1431.9	-0.4	0.6	-0.8	-2.2	-0.2		-1.2	
23	182.2	1432	0.2	1.8	-0.7	-1.7	-0.2		-1.3	
23	181.9	1432.1	0.6	2.4	-0.7	-1	-0.2		-1.4	
23	181.6	1432.2	1.3	3.1	-0.5	-0.7	-0.1		-1.4	
23	181.3	1432.4	0.7	1.9	-0.6	-1.3	0.1		-1.5	
23	181	1432.8	0.2	1.5	-0.3	-2	0.3		-1.5	
23	180.7	1433.1	0.9	1.8	0.1	-1.7	0.4		-1.5	
23	180.4	1433.1	1.2	1.1	0.3	-1	0.4		-1.5	
23	180.1	1433.2	1.4	1.9	0.4	-0.8	0.6		-1.5	
23	179.8	1433.1	1.3	1.5	0.4	-0.9	0.6		-1.5	
23	179.5	1433.3	0.8	1	0.7	-1.6	0.6		-1.4	
23	179.2	1433.2	1.6	1.2	0.9	-1.1	0.4		-1.4	
23	178.9	1433.1	1.5	1.5	0.9	-1.1	0.2		-1.4	
23	178.6	1433.1	1.7	1.6	0.8	-1	0.1		-1.4	
23	178.3	1432.8	1.9	2.8	0.7	-1.1	-0.2		-1.4	
23	178	1432.7	1.3	1.2	0.7	-2.2	-0.3		-1.4	
23	177.7	1432.4	1.9	1.8	0.4	-1.4	-0.4		-1.4	
23	177.4	1432.1	1.3	1.6	0	-2.2	-0.4		-1.4	
23	177.1	1431.8	1.4	1.8	-0.6	-1.7	-0.4		-1.4	
23	176.8	1431.5	1.4	2.3	-1	-2.2	-0.4		-1.4	
23	176.5	1431.6	1.8	1.8	-1.2	-1.5	-0.2	19752359	-1.4	
23	176.2	1431.6	2.4	2.4	-1.5	-0.8	0	18049569	-1.4	
23	175.9	1431.6	2.4	2.4	-1.5	-1.1	0.1	16357422	-1.4	
23	175.6	1431.6	3.1	3.3	-1.7	0	0.3	14955357	-1.4	
23	175.3	1431.6	2.4	2.6	-1.7	-0.9	0.4	13595779	-1.3	
23	175	1431.8	2.9	3.1	-1.3	0.2	0.4	12389053	-1.4	
23	174.7	1432.2	2.6	2.8	-0.9	-0.2	0.6	11379076	-1.4	
23	174.4	1432.6	2.8	2.9	-0.5	-0.5	0.7	10521357	-1.6	
23	174.1	1432.8	2.3	2.4	-0.4	-1.3	0.7	9829812	-1.6	
23	173.8	1433	1.9	2	-0.2	-2	0.7	9183114	-1.6	
23	173.5	1433.1	2.3	2.3	0	-1.5	0.7	8651860	-1.7	
23	173.2	1433.3	2.2	2.1	0.1	-2.3	0.9	8178711	-1.8	
23	172.9	1433.3	2.2	2.1	0	-1.9	1	7754630	-1.8	
23	172.6	1433.3	1.4	1.5	0	-2.8	1	7372359	-1.7	
23	172.3	1433.3	1.5	1.7	-0.2	-2.4	1	6979167	-1.6	
23	172	1433.3	2	2.2	-0.2	-1.9	1	6625791	-1.6	
23	171.7	1433.4	2.2	2.5	-0.3	-1.7	1.1	6325529	-1.5	
23	171.4	1433.3	2.3	2.7	-0.3	-1.4	1	6122076	-1.4	
23	171.1	1433.2	1.8	2.3	-0.1	-2.1	0.7	5982143	-1.2	
23	170.8	1433.1	2.4	2.6	0.1	-1.2	0.4	5914548	-1.1	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
23	170.5	1432.9	2.2	1.8	0.2	-1.2	0.2	5914548	-1	
23	170.2	1432.8	2.2	2.1	0.2	-0.8	0.1	5914548	-1	
23	169.9	1432.7	2.1	2.5	0.2	-0.8	0	5965100	-0.9	
23	169.6	1432.5	1.7	1.5	0.2	-1.5	-0.2	6016523	-1	
23	169.3	1432.4	2.5	1.9	0.2	-1	-0.3	6086483	-1.3	
23	169	1432.2	2.7	1.4	0	-1	-0.4	6104228	-1.5	
23	168.7	1432.1	3.1	2.4	-0.2	-0.5	-0.3	6086483	-1.8	
23	168.4	1431.9	2.8	2.6	-0.6	-1.2	-0.2	6033862	-2	
23	168.1	1431.8	2.7	1.8	-0.8	-1.4	-0.1	5881320	-2.2	
23	167.8	1431.6	2.6	1.4	-1.1	-1.4	0	5689538	-2.4	
23	167.5	1431.6	2.6	1.2	-1.3	-1.5	0.1	5452474	-2.4	
23	167.2	1431.6	2.4	1.1	-1.5	-1.5	0.3	5208334	-2.5	
23	166.9	1431.7	2.2	1.4	-1.4	-2	0.4	4949764	-2.5	
23	166.6	1431.9	2.2	0.6	-1.1	-2	0.5	4663141	-2.5	
23	166.3	1432	1.8	0.3	-1	-2.3	0.5	4417194	-2.5	
23	166	1432.4	1.7	0	-0.7	-2.2	0.7	4195892	-2.5	
23	165.7	1432.4	1.5	-0.4	-0.5	-1.9	0.7	3995706	-2.2	
23	165.4	1432.6	1	-0.3	-0.4	-2.2	0.9	3827697	-2.1	
23	165.1	1432.8	1.3	-0.6	-0.2	-1.6	1	3679702	-2.1	
23	164.8	1433	1	-0.3	-0.2	-1.9	1.2	3542725	-2.1	
23	164.5	1433.1	0.9	-0.5	-0.3	-1.8	1.3	3426760	-2	
23	164.2	1432.9	0.7	-0.7	-0.6	-1.9	1.3	3333997	-1.8	
23	163.9	1432.9	0.2	-1.6	-0.6	-2	1.4	3251165	-1.7	
23	163.6	1432.9	0	-2.4	-1	-1.8	1.5	3177163	-1.6	
23	163.3	1432.7	-0.2	-2.6	-1.2	-1.9	1.5	3111070	-1.6	
23	163	1432.6	-0.3	-3.4	-1.4	-1.6	1.5	3061039	-1.5	
23	162.7	1432.4	-1	-3.4	-1.5	-2.2	1.4	3016931	-1.3	
23	162.4	1432.4	-0.8	-3.7	-1.6	-1.4	1.4	2974077	-1.2	
23	162.1	1432.6	-0.8	-3.4	-1.4	-1.1	1.4	2936536	-1.1	
23	161.8	1432.5	-0.7	-3.5	-1.3	-0.7	1.3	2903953	-1.1	
23	161.5	1432.3	-0.9	-3.2	-1.2	-1	1	2879987	-1.1	
23	161.2	1432.5	-1.4	-3.3	-0.9	-1.3	0.9	2860315	-1.1	
23	160.9	1432.5	-1.2	-3.5	-0.4	-1.4	0.7	2833221	-1.1	
23	160.6	1432.3	-1.3	-3.5	-0.2	-1.2	0.4	2806636	-1.1	
23	160.3	1432.3	-1.6	-3.8	0	-1.1	0.4	2776857	-1.1	
23	160	1432.3	-2.2	-3.6	0.3	-1.6	0.3	2744103	-1.1	
23	159.7	1432.2	-2.4	-3.9	0.2	-1.9	0.3	2708603	-1.1	
23	159.4	1432.1	-2.8	-4.8	0.2	-2.3	0.2	2667198	-1.1	
23	159.1	1432.1	-2.2	-4.4	-0.1	-1.4	0.3	2620464	-1.1	
23	158.8	1432	-2.3	-4.6	-0.4	-1	0.3	2569019	-1.2	
23	158.5	1431.7	-1.6	-3.4	-1	0.1	0.4	2519555	-1.2	
23	158.2	1431.6	-2.1	-4.5	-1.4	-0.1	0.7	2469045	-1.2	
23	157.9	1431.3	-2.1	-4.3	-2	0.4	0.9	2417726	-1.2	
23	157.6	1431	-2.5	-4.7	-2.7	0.2	1.2	2365820	-1.3	
23	157.3	1430.8	-2.4	-4.5	-3.1	0.2	1.4	2313537	-1.7	
23	157	1430.9	-2.4	-4.1	-3.3	0.2	1.7	2268419	-2.2	
23	156.7	1431.5	-2.9	-5.4	-3.2	-0.2	2.2	2225027	-2.8	
23	156.4	1431.8	-3.5	-6.2	-3.1	-1.3	2.3	2185544	-2.9	
23	156.1	1432.1	-4.6	-7.7	-3	-2.9	2.5	2147437	-3	
23	155.8	1432.3	-5.2	-8	-2.9	-3	2.6	2114900	-2.9	
23	155.5	1432.4	-5.7	-8.4	-2.8	-3.4	2.6	2083334	-3.1	
23	155.2	1432.7	-5.9	-8.5	-2.5	-3.1	2.6	2056730	-3.2	
23	154.9	1432.9	-6.2	-8.8	-2.3	-3.8	2.6	2030796	-3.2	
23	154.6	1432.9	-6.8	-9.2	-2.4	-4	2.6	2003589	-2.9	
23	154.3	1433	-8.7	-10.9	-2.4	-4.8	2.4	1975237	-2.2	
23	154	1433.3	-7.8	-10	-2.3	-2.9	2.3	1947675	-1.6	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
23	153.7	1433.5	-7.7	-9.5	-2	-1.8	2.2	1920872	-1.2	
23	153.4	1433.7	-8.1	-9.8	-1.9	-1.3	2.1	1893084	-0.8	
23	153.1	1433.9	-8.8	-10.3	-1.5	-1.1	2	1866088	-0.3	
23	152.8	1434.3	-9.4	-10.4	-1.2	-1.4	2	1839851	0	
23	152.5	1434.5	-8.8	-10.1	-1	-0.7	2	1814342	-0.1	
23	152.2	1434.6	-9.1	-10.1	-0.7	-0.8	1.9	1791062	-0.3	
23	151.9	1434.6	-9.2	-10.1	-0.5	0.2	1.8	1769866	-0.5	
23	151.6	1434.7	-9.5	-10.2	-0.3	-0.9	1.7	1749165	-0.8	
23	151.3	1434.6	-9.5	-9.7	-0.2	-0.9	1.5	1726093	-0.9	
23	151	1434.6	-9.9	-9.9	-0.1	-1.1	1.4	1702237	-1	
23	150.7	1434.3	-10.3	-10.1	-0.3	-0.9	1.1	1677685	-1.1	
23	150.4	1434.2	-10	-9.7	-0.5	-0.5	1	1648623	-1.3	
23	150.1	1434.1	-10.2	-9.2	-0.8	-1.2	1	1620550	-1.6	
23	149.8	1433.9	-10.3	-9.5	-1	-1.2	1	1590996	-1.8	
23	149.5	1433.5	-11	-10.2	-1.5	-1.6	1	1561336	-1.9	
23	149.2	1433.3	-11.1	-10.4	-1.9	-1.5	1.1	1531640	-2.1	
23	148.9	1433	-11.3	-10.4	-2.2	-1.8	1.2	1501974	-2.2	
23	148.6	1432.9	-11.5	-10.1	-2.3	-1.8	1.3	1471364	-2.2	
23	148.3	1433	-12.2	-11	-2.1	-1.5	1.5	1441978	-2	
23	148	1433.1	-12.2	-10.9	-2.1	-1.4	1.7	1417570	-2	
23	147.7	1433.2	-12.3	-10.7	-2.1	-1.3	1.9	1395834	-1.9	
23	147.4	1433.3	-12.7	-10.5	-2.1	-1.7	2.1	1377468	-2	
23	147.1	1433.3	-13.4	-11	-1.9	-1.8	2.1	1361347	-1.9	
23	146.8	1433.4	-13.9	-11.1	-1.8	-2.1	2.2	1349067	-1.9	
23	146.5	1433.4	-14	-11.8	-1.7	-1.9	2.2	1341289	-2	
23	146.2	1433.3	-13.9	-11.6	-1.7	-1.5	2.2	1335301	-2.1	
23	145.9	1433	-15.1	-13.5	-2.2	-2.4	2.2	1331903	-2.2	
23	145.6	1432.8	-15.6	-13.5	-2.5	-2.7	2.2	1329366	-2.2	
23	145.3	1432.7	-15.5	-13.4	-2.7	-2.4	2.2	1325999	-2.2	
23	145	1432.6	-15.8	-13.3	-3	-2.5	2.3	1321813	-2.3	
23	144.7	1432.7	-16	-13.6	-3.2	-2.2	2.6	1316825	-2.3	
23	144.4	1432.8	-16.4	-14	-3.4	-2.4	2.8	1310233	-2.4	
23	144.1	1432.8	-16.9	-14	-3.4	-2.9	2.8	1302085	-2.3	
23	143.8	1432.7	-17.5	-14	-3.5	-2.7	2.9	1292439	-2	
23	143.5	1433	-17.6	-13	-3.2	-2.2	3.1	1282151	-2	
23	143.2	1433.1	-18	-12.8	-3	-2.2	3.1	1270481	-1.9	
23	142.9	1433.3	-18.3	-12.6	-2.8	-2.1	3.1	1257509	-1.8	
23	142.6	1433.3	-18.4	-12.5	-2.8	-2	3	1244799	-1.7	
23	142.3	1433.3	-18.9	-12.7	-2.8	-2	2.9	1233796	-1.7	
23	142	1433.4	-18.9	-12.1	-2.8	-1.5	2.8	1222986	-1.7	
23	141.7	1433.4	-18.6	-9.9	-2.7	-0.8	2.7	1213769	-1.7	
23	141.4	1433.3	-19.7	-11.9	-2.8	-1.5	2.6	1204691	-1.6	
23	141.1	1433.3	-19.7	-12	-3.1	-1.3	2.6	1195064	-1.5	
23	140.8	1433.1	-19.9	-11.8	-3.2	-1.2	2.5	1184919	-1.5	
23	140.5	1433.3	-20.4	-11.6	-3.2	-1.4	2.6	1172314	-1.5	
23	140.2	1433.5	-20.4	-11	-2.9	-1.5	2.6	1159331	-1.6	
23	139.9	1433.7	-21.2	-12.4	-2.7	-1.8	2.7	1146006	-1.5	
23	139.6	1434	-21.8	-12.7	-2.5	-2.3	2.8	1132370	-1.4	
23	139.3	1434.1	-22.1	-12.9	-2.3	-2.7	2.8	1119055	-1.8	
23	139	1434.3	-22.2	-12.7	-2.2	-2.7	3	1106050	-2.1	
23	138.7	1434.5	-22.2	-12.7	-2.2	-2.8	3.2	1093343	-2.4	
23	138.4	1434.5	-22.5	-12.6	-2.2	-3.3	3.3	1082043	-2.6	
23	138.1	1434.4	-22.8	-12.5	-2.3	-3.4	3.2	1072619	-2.7	
23	137.8	1434.3	-22.6	-12.6	-2.6	-3	3.2	1064440	-2.8	
23	137.5	1434.2	-22.9	-12.7	-2.8	-3.2	3.2	1057451	-2.8	
23	137.2	1434.1	-22.9	-12.6	-3.1	-2.6	3.2	1051081	-2.9	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
23	136.9	1433.8	-23.8	-12.8	-3.4	-3.2	3.1	1044266	-2.6	
23	136.6	1433.8	-23.6	-12.5	-3.4	-2.5	3.1	1037539	-2.5	
23	136.3	1433.7	-23.8	-12.5	-3.5	-2.6	3	1030898	-2.2	
23	136	1433.7	-23.7	-12.2	-3.4	-2.1	2.9	1024341	-2.1	
23	135.7	1433.7	-23.7	-11.5	-3.4	-1.8	2.9	1017867	-1.9	
23	135.4	1433.9	-24.5	-12.3	-3.3	-2	3	1011964	-1.6	
23	135.1	1433.9	-23.7	-11.4	-3.4	-1.2	3.1	1006612	-1.6	
23	134.8	1433.9	-24.5	-11.8	-3.4	-1.8	3.2	1002755	-1.4	
23	134.5	1434	-24.3	-10.9	-3.3	-1.2	3.4	1001796	-1.5	
23	134.2	1433.9	-24.9	-11	-3.3	-1.8	3.4	1002755	-1.4	
23	133.9	1433.9	-24.5	-10.5	-3.3	-1.2	3.5	1005162	-1.6	
23	133.6	1433.9	-24.9	-11	-3.2	-2.1	3.5	1008552	-1.7	
23	133.3	1434.1	-24.8	-9.7	-3.2	-1.8	3.6	1012453	-1.8	
23	133	1434.2	-25.5	-9.9	-3.4	-1.8	3.7	1016385	-1.6	
23	132.7	1434.3	-25.3	-9.8	-3.3	-1.8	3.7	1019851	-1.6	
23	132.4	1434.1	-25.4	-9.6	-3.3	-1.5	3.5	1021841	-1.7	
23	132.1	1434	-25.4	-9.4	-3.4	-1.6	3.4	1022340	-1.9	
23	131.8	1433.8	-25.4	-9	-3.4	-1.4	3.1	1020845	-2.1	
23	131.5	1433.7	-25.9	-9	-3.5	-1.9	3	1017867	-2	
23	131.2	1433.6	-25.3	-7.8	-3.6	-1.1	2.9	1013433	-2.3	
23	130.9	1433.7	-25.9	-8.3	-3.6	-1.6	2.9	1009524	-2.4	
23	130.6	1433.9	-26	-8	-3.6	-1.1	3	1006128	-2.4	
23	130.3	1433.9	-26.5	-8.2	-3.6	-1.4	3	1003717	-2.2	
23	130	1433.9	-26.6	-8.2	-3.4	-0.7	3.1	1001796	-1.9	
23	129.7	1434	-27.1	-8.2	-3.3	-0.7	3.2	1000838	-1.6	
23	129.4	1434.2	-27.3	-8.4	-2.9	-0.2	3.2	1000838	-1.1	
23	129.1	1434.5	-27.6	-9	-2.7	0.8	3.3	1001317	-0.6	
23	128.8	1434.7	-28.1	-8.4	-2.4	0.8	3.4	1003236	0	
23	128.5	1434.8	-28.6	-8.9	-2.3	2	3.3	1005645	0.5	
23	128.2	1434.8	-29.1	-9.2	-2.3	2.2	3.2	1007581	0.9	
23	127.9	1434.7	-29.2	-8.8	-2.4	3.1	3.2	1008552	0.9	
23	127.6	1434.4	-30.1	-9.7	-2.6	2.6	3.2	1008066	1	
23	127.3	1434.2	-30.5	-9.3	-2.8	3	3.3	1005645	0.8	
23	127	1434	-31.1	-9.3	-3.2	2.3	3.4	1000838	0.3	
23	126.7	1434	-32	-9.9	-3.4	1.5	3.5	994185	-0.3	
23	126.4	1433.9	-32.4	-10.2	-3.6	0.7	3.5	986689	-1.2	
23	126.1	1433.9	-34.3	-12.1	-3.5	-1.9	3.5	978389	-1.9	
23	125.8	1433.9	-34.8	-12.3	-3.6	-2.5	3.5	969330	-3	
23	125.5	1433.8	-36.4	-13.6	-3.6	-4.6	3.4	959997	-3.7	
23	125.2	1433.7	-36.8	-14.2	-3.5	-5.6	3.3	951274	-4.7	
23	124.9	1433.5	-38.3	-15.4	-3.5	-7.7	3.1	943132	-5.3	
23	124.6	1433.4	-38.8	-15.9	-3.1	-8.7	2.8	936384	-6.1	
23	124.3	1433.3	-40	-16.2	-3.2	-10.3	2.6	931800	-6.5	
23	124	1433.3	-40.4	-16.8	-3	-11.2	2.3	928082	-6.9	
23	123.7	1433.1	-40.1	-16.3	-3.2	-10.9	2.2	926030	-7	
23	123.4	1433.2	-41.6	-17.9	-3.2	-12.2	2.3	925621	-6.5	
23	123.1	1433.3	-41.7	-18	-3	-11.8	2.3	926850	-6.1	
23	122.8	1433.4	-41.8	-17.3	-3	-11.5	2.4	930144	-5.5	
23	122.5	1433.6	-41.3	-17.6	-2.9	-10.4	2.6	934294	-4.7	
23	122.2	1433.5	-41.3	-16.8	-3.1	-9.7	2.8	938482	-3.6	
23	121.9	1433.8	-40.4	-16.1	-2.9	-7.9	3.1	943132	-2.8	
23	121.6	1434	-39.8	-14.9	-2.9	-6.8	3.3	946543	-1.8	
23	121.3	1434.2	-38	-13.5	-2.8	-4.7	3.5	949548	-1.1	
23	121	1434.3	-37	-12.1	-2.5	-3.6	3.4	951706	-0.6	
23	120.7	1434.2	-35.5	-10.7	-2.4	-1.4	3.2	953006	-0.1	
23	120.4	1434.3	-34.7	-9.2	-2.2	-0.5	3.1	953874	0.4	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
23	120.1	1434.3	-32.9	-7.6	-2.3	0.9	3	953874	0.5	
23	119.8	1434.2	-31.5	-6.1	-2.3	2.2	2.9	953440	0.7	
23	119.5	1434	-30.5	-5.1	-2.8	2.7	2.8	952572	0.8	
23	119.2	1433.9	-29.1	-3.7	-2.9	3.7	2.7	951274	0.7	
23	118.9	1433.8	-28.7	-2.8	-3.2	2.8	2.6	950410	0.5	
23	118.6	1433.6	-26.5	-1.2	-3.5	4.4	2.7	949979	0.4	
23	118.3	1433.5	-26.6	-0.7	-3.6	3.4	2.9	949118	0.2	
23	118	1433.4	-25.8	0.2	-3.8	3.5	3	948258	-0.3	
23	117.7	1433.6	-25.3	1.2	-3.8	2.8	3.3	947400	-0.8	
23	117.4	1433.8	-24.8	1.8	-4	2.1	3.7	946971	-1.3	
23	117.1	1434.2	-24.3	2.8	-3.9	1.6	4.2	946971	-2	
23	116.8	1434.3	-24.4	2.9	-4	0.3	4.5	947829	-2.4	
23	116.5	1434.5	-24	3.6	-3.8	0	4.7	949548	-3.1	
23	116.2	1434.4	-23.9	4.2	-3.9	-0.9	4.8	952139	-3.7	
23	115.9	1434.3	-24.1	4.5	-3.9	-2.2	4.9	955616	-4.1	
23	115.6	1434.1	-24.5	4.6	-4.1	-2.1	5	959557	-4.1	
23	115.3	1434	-24.9	4.3	-4.1	-3.1	5	963975	-4.2	
23	115	1434	-24.9	5.2	-4.2	-2.3	5	968434	-4.1	
23	114.7	1433.8	-25.2	5.3	-4.5	-3.1	4.8	972482	-4	
23	114.4	1433.7	-25.1	6	-4.3	-2.3	4.5	975200	-4	
23	114.1	1433.4	-25.5	6.5	-4.6	-2.3	4.3	977476	-3.2	
23	113.8	1433.4	-26.8	5.6	-4.2	-2.4	4	977932	-3.2	
23	113.5	1433.1	-25.4	8.9	-4.1	-0.1	3.6	977476	-2.7	
23	113.2	1433	-27.3	7.5	-3.8	-0.9	3.3	976109	-2.2	
23	112.9	1432.7	-26.7	9.7	-3.9	0.5	2.9	974292	-1.6	
23	112.6	1432.7	-28.5	8.3	-3.8	-0.1	2.7	972482	-0.7	
23	112.3	1432.9	-27.9	10.4	-3.4	1.3	2.5	971579	-0.5	
23	112	1432.7	-29.2	9.6	-3.5	0.9	2.3	971129	0.6	
23	111.7	1432.9	-28.8	11.2	-3.1	2.2	2.3	972030	0.4	
23	111.4	1432.9	-31.3	9.1	-3.1	1.1	2.3	973386	1.3	
23	111.1	1432.8	-31.8	8.3	-3.2	0.8	2.4	974746	1.9	
23	110.8	1433	-32.6	9	-3.2	1	2.6	975200	2.1	
23	110.5	1433.4	-32.7	9	-2.9	0.4	2.8	974292	1.7	
23	110.2	1433.6	-33.2	8.6	-3.1	0.3	3	972482	1.1	
23	109.9	1433.8	-34.3	7	-3.3	-1.5	3.2	970229	0.7	
23	109.6	1434	-34	7.3	-3.3	-1	3.4	967539	-0.1	
23	109.3	1434.1	-35.7	4.7	-3.6	-4.3	3.5	964419	-0.5	
23	109	1434.1	-35.4	4.4	-3.6	-3.3	3.5	960878	-1.1	
23	108.7	1434.1	-36.1	1.9	-3.5	-4.2	3.5	957801	-1.4	
23	108.4	1434.2	-35.7	1.3	-3.5	-4.5	3.5	956052	-2.3	
23	108.1	1434.4	-36.1	-0.6	-3.4	-5.7	3.4	956052	-2.8	
23	107.8	1434.7	-36.3	-1.6	-3	-6.2	3.4	956926	-3.1	
23	107.5	1434.9	-36.3	-3.4	-2.8	-6	3.3	959118	-3.1	
23	107.2	1435.1	-37.1	-5.6	-2.5	-7.1	3.3	962645	-3.1	
23	106.9	1435.5	-35	-4.5	-2	-4.9	3.2	968434	-3.6	
23	106.6	1435.5	-35.1	-6	-1.7	-5.6	3.1	974746	-3.7	
23	106.3	1435.5	-34.7	-6	-1.4	-5	2.9	982061	-3.6	
23	106	1435.4	-34.4	-7.9	-1.3	-4.9	2.7	989486	-3.4	
23	105.7	1435.3	-33.8	-7.2	-1.5	-4	2.6	996551	-2.9	
23	105.4	1435.1	-33.3	-7.5	-1.6	-3	2.4	1004198	-2.4	
23	105.1	1434.9	-32.5	-7.2	-1.8	-2.6	2.3	1011475	-1.9	
23	104.8	1434.6	-32.3	-7.5	-2.2	-0.9	2.2	1018858	-1.3	
23	104.5	1434.5	-31.7	-7.4	-2.3	-2	2.2	1025344	-0.8	
23	104.2	1434.1	-31	-6.6	-2.6	-0.2	2.1	1030898	-0.3	
23	103.9	1434	-30.5	-6.5	-2.7	-0.6	2.2	1035999	0.2	
23	103.6	1433.9	-30.1	-6.2	-2.9	0.3	2.3	1040633	0.6	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
23	103.3	1433.9	-29.2	-5.1	-3.1	0.8	2.6	1044266	1	
23	103	1433.9	-29	-4.5	-3	0.5	2.7	1047400	0.8	
23	102.7	1433.8	-27.3	-2.4	-3.2	1.4	2.8	1048974	0.7	
23	102.4	1434	-28.2	-3.3	-2.8	-0.2	2.8	1050027	0.1	
23	102.1	1433.8	-25.9	-0.7	-3	1.6	2.9	1050027	-0.2	
23	101.8	1433.6	-27.1	-2	-3	-0.6	2.9	1048974	-0.6	
23	101.5	1433.5	-24.7	0.8	-3.3	1.3	3	1047924	-1.1	
23	101.2	1433.6	-25.1	1.7	-3.4	-0.6	3.2	1045831	-1.5	
23	100.9	1433.4	-24.2	1.2	-3.8	-0.5	3.3	1044266	-1.9	
23	100.6	1433.4	-24.1	3.2	-3.9	-0.8	3.4	1043225	-2	
23	100.3	1433.5	-23.4	3.3	-3.9	-1.2	3.5	1044266	-2.1	
23	100	1433.3	-23.5	5	-4.2	-0.5	3.5	1046876	-1.8	
23	99.7	1433.3	-23.8	4.1	-4.2	-1.6	3.5	1051609	-1.3	
23	99.4	1433.3	-23.3	5.9	-4.1	-0.6	3.5	1057985	-1	
23	99.1	1433.6	-23.7	5.1	-3.7	-2.5	3.5	1064981	-1.1	
23	98.8	1433.7	-22	9.3	-3.3	0.1	3.3	1072070	-1.2	
23	98.5	1433.8	-22	9.8	-2.9	-0.9	3.1	1079254	-1.2	
23	98.2	1433.9	-21.5	11.1	-2.7	0.3	2.9	1085971	-1.2	
23	97.9	1434	-21.2	11.5	-2.6	-0.5	2.8	1091064	-1.1	
23	97.6	1434.1	-21.4	11.8	-2.4	-0.6	2.8	1096206	-1.1	
23	97.3	1434.3	-21.1	13.2	-2.3	-0.2	2.9	1100238	-1.1	
23	97	1434.2	-20.2	13.8	-2.3	-0.1	2.9	1103718	-1.2	
23	96.7	1434.1	-20	15.7	-2.7	0.7	3.1	1106050	-1.2	
23	96.4	1433.9	-21.5	13.9	-2.9	-2	3.1	1107220	-1.2	
23	96.1	1433.8	-20.3	15.8	-3	-0.7	3.2	1107220	-1.1	
23	95.8	1434.1	-21.9	13.8	-2.9	-2.9	3.4	1105466	-1	
23	95.5	1434.1	-20.2	15.9	-2.9	-0.5	3.4	1102555	-1	
23	95.2	1434.1	-20.2	16.1	-3	-1.1	3.5	1097930	-0.9	
23	94.9	1434.1	-20.2	16.1	-3.2	-0.9	3.5	1092773	-0.8	
23	94.6	1433.9	-19.3	17.8	-3.2	-1.1	3.5	1088229	-0.7	
23	94.3	1433.8	-20	15	-3.2	-1.3	3.4	1084846	-0.6	
23	94	1433.7	-19.3	15.8	-3.1	-0.6	3.3	1082043	-0.6	
23	93.7	1433.5	-19.4	15.3	-3.1	-1.3	3.1	1081484	-0.5	
23	93.4	1433.3	-18.6	15.8	-3.2	0.3	2.9	1082043	-0.5	
23	93.1	1433.3	-20.2	13.6	-3	-1.7	2.7	1085408	-0.5	
23	92.8	1433.2	-18.5	14.8	-2.9	-0.1	2.6	1089929	-0.6	
23	92.5	1433.2	-19.1	13.4	-2.8	-1.6	2.5	1095059	-0.9	
23	92.2	1433.1	-17.5	14.8	-2.9	-0.6	2.5	1100238	-1.2	
23	91.9	1433.1	-18.6	13.1	-2.7	-2.3	2.5	1106050	-1.5	
23	91.6	1433.2	-17.1	13.9	-2.6	-1.4	2.5	1111334	-2.2	
23	91.3	1433.3	-16.9	13.6	-2.6	-1.9	2.7	1116073	-2.4	
23	91	1433.1	-16.9	13.2	-2.7	-2.7	2.7	1121453	-2.4	
23	90.7	1433	-17.8	11.4	-2.9	-2.3	2.8	1125673	-1.8	
23	90.4	1433	-17.8	11.2	-2.6	-3.3	2.6	1130536	-1.8	
23	90.1	1432.9	-16.5	10.8	-2.6	-1.1	2.5	1136057	-1.6	
23	89.8	1433	-16.9	11.3	-2.3	-2.9	2.3	1141632	-1.4	
23	89.5	1432.8	-15.6	10.3	-2.3	-0.4	2.2	1147891	-1.1	
23	89.2	1432.9	-16.4	10.7	-2	-2.2	2.2	1154855	-0.8	
23	88.9	1432.9	-15.3	9.4	-2.1	-0.5	2.2	1162550	-0.7	
23	88.6	1432.9	-14.6	10.5	-1.9	-0.3	2.2	1171002	-0.6	
23	88.3	1432.9	-14.4	9.8	-1.8	0.3	2.3	1180244	-0.6	
23	88	1432.9	-14.1	10	-2	1	2.5	1191663	-0.6	
23	87.7	1432.9	-15	8.4	-2	-1.5	2.5	1203998	-0.7	
23	87.4	1432.9	-13.2	10.3	-2.1	1	2.6	1217298	-0.8	
23	87.1	1432.7	-13.9	9.9	-2.3	-1.4	2.7	1232344	-0.8	
23	86.8	1432.3	-12.8	10.5	-3	0.5	2.8	1246281	-0.8	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
23	86.5	1432.3	-14	9.7	-3.1	-1.8	2.9	1260537	-0.8	
23	86.2	1432.1	-12.8	9.2	-3.4	-0.1	2.9	1273572	-0.9	
23	85.9	1431.8	-12.9	9.1	-4	-1	3	1283723	-0.6	
23	85.6	1431.8	-13.6	7.9	-4.1	-1.7	3.1	1292439	-0.5	
23	85.3	1431.8	-11.9	9.3	-4.2	0.5	3.2	1296441	-0.4	
23	85	1431.9	-13.1	8.3	-4.1	-2.1	3.2	1299660	-0.6	
23	84.7	1431.8	-10.9	10.2	-4	0.4	3	1302895	-0.8	
23	84.4	1432	-11.8	8.4	-3.3	-1.9	2.8	1308595	-1	
23	84.1	1432	-10.7	9.3	-3.1	0.2	2.6	1317654	-1	
23	83.8	1432.2	-12.5	9	-2.4	-2.5	2.3	1328523	-0.9	
23	83.5	1432.6	-10.6	9.7	-1.8	-0.6	2.2	1341289	-1	
23	83.2	1432.6	-10.7	11.2	-1.5	-0.4	2	1356057	-1	
23	82.9	1432.7	-10.6	9.6	-1.1	-0.8	1.9	1372052	-1.1	
23	82.6	1432.7	-10	10.2	-1.1	0.1	1.9	1390273	-1.2	
23	82.3	1432.9	-10.3	9.9	-0.9	-1.1	1.9	1408985	-1.4	
23	82	1432.7	-9.1	10.2	-1.1	-0.5	1.9	1428207	-1.7	
23	81.7	1432.6	-9.7	10.3	-1.2	-1.9	2	1447961	-2	
23	81.4	1432.6	-9	10.3	-1.6	0	2.2	1467240	-2.4	
23	81.1	1432.6	-9.1	10.3	-1.8	-1.9	2.3	1488096	-2.6	
23	80.8	1432.4	-8.9	9.7	-2.2	-1.7	2.6	1508466	-2.4	
23	80.5	1432.1	-9.8	10.4	-2.6	-1.8	2.6	1529402	-2.1	
23	80.2	1432	-9.6	8.9	-2.6	-2.2	2.6	1547488	-1.5	
23	79.9	1432	-10.2	8.9	-2.8	-2.4	2.6	1562501	-1.2	
23	79.6	1431.9	-8.8	8.7	-2.6	-0.8	2.5	1573066	-1.1	
23	79.3	1431.6	-8.9	9.7	-2.8	-1.1	2.4	1581383	-0.7	
23	79	1431.7	-10.2	6.9	-2.7	-1.6	2.3	1588582	-0.5	
23	78.7	1431.7	-9	7.9	-2.6	-0.5	2	1595847	-0.4	
23	78.4	1431.5	-8.5	8.4	-2.7	0.1	1.7	1603179	-0.1	
23	78.1	1431.5	-9.6	8.2	-2.4	-0.3	1.2	1613060	0.2	
23	77.8	1431.4	-7.7	10.1	-2.6	1.2	1	1626846	0.3	
23	77.5	1431.4	-7.7	8.8	-2.8	1.8	0.9	1642158	0.4	
23	77.2	1431.4	-9	7.9	-3	-0.4	0.8	1661707	0.4	
23	76.9	1431.4	-7.2	8.4	-3.2	1	1	1684434	0.4	
23	76.6	1431.6	-9.1	7.3	-3.2	-0.6	1.2	1709185	0.3	
23	76.3	1432.1	-8.6	6.7	-2.7	-1.6	1.4	1736112	0	
23	76	1432.7	-8.4	6.2	-2.2	-1.7	1.9	1763901	-0.5	
23	75.7	1433.3	-8.3	6.1	-1.8	-2.1	2.3	1795670	-1.1	
23	75.4	1434	-7.5	6.6	-1.5	-2.4	2.9	1833407	-1.4	
23	75.1	1434.6	-8.1	6.9	-1.1	-3.6	3.1	1874441	-1.7	
23	74.8	1435.2	-7.5	5.7	-0.5	-3.7	3.1	1922636	-1.9	
23	74.5	1435.5	-6.7	7.2	0.1	-3.6	2.8	1971517	-2.1	
23	74.2	1435.4	-6.3	6.5	0.4	-2.6	2.3	2026864	-2.3	
23	73.9	1435	-5	9	0.1	-2.2	2	2087488	-2.4	
23	73.6	1434.5	-5.8	7	-0.3	-3	1.6	2154065	-2.4	
23	73.3	1434	-5	7.9	-0.7	-2.8	1.2	2225027	-2.4	
23	73	1433.8	-5.2	8.4	-0.9	-2.8	0.9	2298299	-2.1	
23	72.7	1433.8	-4.7	7.2	-0.8	-2.1	0.6	2373867	-1.9	
23	72.4	1433.8	-2.4	10.7	-1.1	0.5	0.5	2451699	-1.8	
23	72.1	1433.8	-3.2	7.7	-1.2	-1.2	0.5	2531742	-1.6	
23	71.8	1433.9	-2.8	9	-1.1	-0.5	0.5	2607410	-1.6	
23	71.5	1433.8	-1.7	9	-1.1	-0.6	0.6	2680858	-1.6	
23	71.2	1433.8	-2.1	10.4	-1	-0.5	0.7	2751315	-1.6	
23	70.9	1433.8	-0.9	9.7	-0.9	-0.1	0.8	2814181	-1.6	
23	70.6	1433.6	-1.6	9.1	-1	-0.3	0.9	2879987	-1.6	
23	70.3	1433.4	-0.9	9.7	-1.2	0	1	2936536	-1.6	
23	70	1433.5	-1.8	8.2	-1.3	-1.9	1.2	2986805	-1.5	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
23	69.7	1433.5	-0.4	9.9	-1.4	0	1.4	3030029	-1.4	
23	69.4	1433.6	-1.5	7.6	-1.5	-1.5	1.5	3065520	-1.3	
23	69.1	1433.6	-0.5	9.2	-1.5	-0.8	1.6	3088127	-1.3	
23	68.8	1433.8	-0.6	8.4	-1.3	-0.8	1.6	3106455	-1.3	
23	68.5	1433.7	0.2	9.3	-1.4	-0.6	1.6	3106455	-1.3	
23	68.2	1433.6	-0.5	8.4	-1.2	-1.3	1.5	3092689	-1.3	
23	67.9	1433.5	-0.3	9.5	-1.1	-1.2	1.4	3061039	-1.3	
23	67.6	1433.5	-0.4	9.2	-1.1	-1	1.3	3025651	-1.3	
23	67.3	1433.3	-0.3	9.9	-1.1	-1.5	1.1	2986805	-1.4	
23	67	1433.2	0.2	9	-1.1	-0.7	1	2940661	-1.4	
23	66.7	1433.2	-0.3	8.6	-1	-1.7	1	2903953	-1.5	
23	66.4	1433.1	0	10.2	-1.2	-1.2	1	2872086	-1.6	
23	66.1	1433.2	0	9	-1	-2.1	1	2848640	-1.8	
23	65.8	1433.1	0.6	9.1	-1.1	-1.3	0.9	2840910	-1.9	
23	65.5	1433	0.2	9.8	-1	-2.2	0.7	2844770	-2	
23	65.2	1433.1	0.5	8.2	-1.1	-1.4	0.7	2868151	-2	
23	64.9	1433	0	7.7	-0.9	-2.6	0.4	2891920	-2.1	
23	64.6	1433	0.6	9.6	-0.8	-2.4	0.3	2920154	-2.2	
23	64.3	1432.8	0.4	7.6	-0.7	-2.4	-0.1	2940661	-2.2	
23	64	1432.7	-0.1	9	-0.4	-3.3	-0.4	2944797	-2.2	
23	63.7	1432.7	0.5	9.1	-0.1	-2.1	-0.8	2940661	-2.3	
23	63.4	1433	0.6	9	0.3	-2.8	-0.9	2928322	-2.4	
23	63.1	1433.1	1.2	9.5	0.4	-1.9	-1	2912031	-2.6	
23	62.8	1433.5	0.2	7.7	0.8	-3.7	-1	2895920	-2.7	
23	62.5	1433.8	1.2	9.3	1	-2	-0.9	2879987	-3	
23	62.2	1433.9	1.4	8.9	1	-3	-0.8	2872086	-3.4	
23	61.9	1434	1.6	8.3	1.1	-2.9	-0.5	2879987	-3.8	
23	61.6	1433.9	1.9	8.2	0.9	-2.3	-0.2	2895920	-4	
23	61.3	1434.1	0.6	5.6	0.8	-4.3	0.2	2924232	-4.4	
23	61	1434.2	1.4	7.2	0.6	-3.9	0.6	2961457	-4.9	
23	60.7	1434.4	0.8	5.8	0.6	-5.1	0.9	3003946	-5.2	
23	60.4	1434.3	1.9	7.1	0.2	-3.9	1.2	3052114	-5.4	
23	60.1	1434.4	0.4	5.1	0.1	-5.9	1.4	3111070	-5.5	
23	59.8	1434.4	1.5	3.9	-0.1	-4.4	1.6	3177163	-5.3	
23	59.5	1434	1.1	4.3	-0.7	-4.6	1.7	3261293	-4.4	
23	59.2	1433.8	0.5	3.3	-1.1	-4	1.9	3355369	-3.5	
23	58.9	1433.4	0.5	2.2	-1.7	-2.8	1.9	3455033	-2.5	
23	58.6	1433.1	0.3	2.4	-2.3	-2.1	2	3560800	-1.4	
23	58.3	1432.7	0.3	1.2	-2.8	-0.9	2	3673246	-0.1	
23	58	1432.3	0.6	2.2	-3.2	0	1.9	3786167	0.9	
23	57.7	1432.1	0.4	1.3	-3.4	1.3	1.8	3884509	1.6	
23	57.4	1431.9	-0.2	1.6	-3.8	1	1.8	3972961	1.9	
23	57.1	1432	0.9	1.3	-3.6	2.3	1.9	4026443	2.1	
23	56.8	1432.2	0.2	1.7	-3.3	1.9	1.9	4065534	2.1	
23	56.5	1432.4	1	1.5	-3.1	2.4	2	4089356	2	
23	56.2	1432.6	0.6	1.2	-2.8	1.5	2	4113458	1.5	
23	55.9	1432.7	1.5	1.3	-2.5	2.4	2.1	4137846	1	
23	55.6	1432.9	1.1	1.6	-2.2	1	2.2	4154266	0.6	
23	55.3	1433	0.9	1.2	-2.1	0.6	2.3	4146040	0.3	
23	55	1433.4	0	0.4	-1.7	-0.4	2.5	4146040	0.1	
23	54.7	1433.4	0.4	0.7	-1.6	-0.5	2.4	4146040	-0.2	
23	54.4	1433.5	0.3	0.1	-1.4	-1.4	2.3	4162525	-0.6	
23	54.1	1433.7	0.6	0.9	-1.2	-1.3	2.2	4170817	-0.8	
23	53.8	1433.6	1	1	-1.3	-0.7	2.1	4170817	-0.8	
23	53.5	1433.6	-0.1	-0.1	-1.1	-2.5	1.9	4170817	-0.8	
23	53.2	1433.5	0.8	0.2	-1	-1.3	1.6	4162525	-0.9	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
23	52.9	1433.5	0.8	0.6	-0.7	-1.3	1.3	4137846	-0.9	
23	52.6	1433.3	1.3	0.8	-0.8	-0.1	1	4097359	-0.8	
23	52.3	1433.3	0.6	0.6	-0.5	-1.3	0.7	4041989	-0.9	
23	52	1433.1	2.1	1.5	-0.3	0.5	0.3	3950472	-1.1	
23	51.7	1432.9	1.2	0.8	-0.3	-1.1	0.1	3841744	-1	
23	51.4	1432.9	1.2	1.3	-0.1	-1.1	-0.1	3699205	-1.3	
23	51.1	1432.8	1.8	1.3	0	-0.3	-0.2	3530776	-1.6	
23	50.8	1432.8	1.4	0.8	0	-1.6	-0.2	3360755	-2.1	
23	50.5	1432.8	1.5	0.3	0	-1.6	-0.2	3211273	-2.4	
23	50.2	1432.7	1.1	0.9	0	-2.7	-0.3	3092689	-2.5	
23	49.9	1432.7	1.6	0.4	-0.2	-1.4	-0.2	3012590	-2.5	
23	49.6	1432.7	0.7	-0.7	-0.1	-3.6	-0.3	2965652	-2.5	
23	49.3	1432.6	2.1	0.5	-0.3	-0.9	-0.3	2978308	-2.4	
23	49	1432.6	1	-0.9	-0.5	-2.2	-0.2	3061039	-2.1	
23	48.7	1432.5	1.1	0.5	-0.7	-1.6	-0.2	3221154	-1.9	
23	48.4	1432.4	1.1	-0.3	-0.8	-1.8	-0.2	3483777	-1.4	
23	48.1	1432.5	0.7	-0.1	-0.7	-1.5	-0.2	3870148	-1.2	
23	47.8	1432.7	1.3	-0.6	-0.6	-0.5	0	4361980	-0.9	
23	47.5	1432.9	0.4	0	-0.5	-0.8	0.1	4985119	-0.8	
23	47.2	1433.2	1.6	0.1	-0.5	0.4	0.4	5815972	-0.6	
23	46.9	1433.5	0	-1.1	-0.2	-1.7	0.5	6887336	-0.7	
23	46.6	1433.7	1	0.5	-0.2	-0.8	0.7	8243110	-0.8	
23	46.3	1433.9	-0.2	-0.7	0	-1.7	0.7	9970238	-1.2	
23	46	1433.9	1.6	1.3	-0.1	-0.1	0.7	11896307	-1.7	
23	45.7	1434	0.4	0.1	-0.2	-2.5	0.7	13958333	-2.2	
23	45.4	1433.9	0.8	0.2	-0.5	-2.1	0.8	16750000	-2.6	
23	45.1	1433.9	-0.7	-1.1	-0.5	-3.1	0.7		-3.1	
23	44.8	1433.9	0.4	0.6	-0.5	-2.8	0.4		-3.8	
23	44.5	1433.9	-0.1	-1	-0.6	-3.6	0.1		-4.4	
23	44.2	1433.8	1	0.8	-0.8	-3	-0.2		-4.8	
23	43.9	1433.9	-0.4	-1.4	-0.9	-3.6	-0.4		-4.8	
23	43.6	1434.2	-1	-1.6	-0.7	-4.8	-0.8		-4.8	
23	43.3	1434.5	0.8	-0.7	-0.6	-1.8	-0.8		-4.3	
23	43	1434.6	-0.7	-1.8	-0.5	-2.3	-0.7	-1.6E+07	-3.5	
23	42.7	1434.6	-1.8	-2.7	-0.5	-1.3	-0.5	-1.2E+07	-2.4	
23	42.4	1434.9	-2.7	-2.7	-0.1	-1.9	-0.2	-1.1E+07	-1.3	
23	42.1	1435.2	-1.8	-2.2	-0.1	0.2	0.4	-9829812	-0.2	
23	41.8	1435.8	-2.6	-2.9	0.4	-0.8	1	-9389014	0.7	
23	41.5	1436.6	-3.1	-3.7	0.8	0.1	1.9	-9264381	1.5	
23	41.2	1437.6	-3.6	-4.6	1.1	0.5	2.9	-9347098	2.1	
23	40.9	1437.8	-3.9	-3.8	0.8	-0.3	3.6	-9604358	2.5	
23	40.6	1437.6	-4.6	-5.4	0.8	-0.4	3.8	-1E+07	2.6	
23	40.3	1437.2	-5	-5.8	0.5	-0.5	3.7	-1.1E+07	2.7	
23	40	1436.6	-4.6	-5.9	-0.2	0.6	3.2	-1.2E+07	2.6	
23	39.7	1435.9	-4.3	-4.9	-1.2	-0.6	2.7	-1.3E+07	2.5	
23	39.4	1434.9	-3.1	-5.2	-1.5	0.6	1.4	-1.4E+07	1.7	
23	39.1	1433.9	-3	-4.2	-1.5	1.3	0	-1.5E+07	1.1	
23	38.8	1433.1	-3	-4.2	-1.7	1	-1.5	-1.7E+07	0.5	
23	38.5	1432.3	-2.9	-4.7	-1.6	0.1	-2.9		-0.1	
23	38.2	1431.3	-2.5	-3.9	-1.5	0	-4		-1	
23	37.9	1431.4	-1.7	-3.2	-0.7	1.1	-4.2		-1.6	inicio cambio de via
23	37.6	1432.3	-2.5	-3.6	1	0.2	-4.2		-2	
23	37.3	1433.7	-0.5	-2.1	8.3	-0.2	-4.2		-4.1	
23	37	1434.2	-1.4	-2.1	8.6	-2.4	-3.7		-4.7	
23	36.7	1434.3	-3.2	-5.3	8	-4.3	-3.1		-4.7	
23	36.4	1434.9	-3.3	-4.3	7.6	-4.5	-2.4		-4.6	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
23	36.1	1435.7	-2.4	-3.5	6.5	-4.2	-1.4		-4.5	
23	35.8	1436	-2.4	-3.5	5.1	-3.9	-0.5		-4.4	
23	35.5	1435.4	-3.9	-4.6	3	-7	-0.3		-4.7	
23	35.2	1434.3	-4.9	-6.2	0.9	-7.8	-0.3		-5	
23	33.4	1431.4	-3.4	-5	-3.3	-5	-1.8	8476721	-3.7	
23	33.1	1434.1	-1.5	-1.9	0	-2.8	-2.2	7170377	-3.5	
23	32.8	1435.1	-1.7	-2.5	1.6	-1.4	-2.1	6306476	-2.5	
23	32.5	1435.5	-2	-1.3	7.1	-0.8	-1.7	5720629	-1.6	
23	32.2	1436	-1.9	-2.3	6.9	-0.7	-1.1	5354860	-1.1	
23	31.9	1436.3	-1.6	-1.5	6.2	-0.3	-0.7	5221322	-0.9	
23	31.6	1436.6	-1.9	-2.9	5.5	-0.8	-0.2	5314087	-0.6	
23	31.3	1436.8	-1.4	-1	4.1	-1.1	0.1	5674120	-0.4	
23	31	1437.1	-1.7	-0.7	2.9	-0.6	0.4	6402905	-0.1	
23	30.7	1437.2	-0.6	-1.4	1.4	-0.5	0.7	7641424	0.1	
23	30.4	1437	-0.8	-0.1	0.4	0.2	1	9604358	0.4	
23	30.1	1436.9	-1	0.8	-0.2	0.2	1.2	12845092	0.4	
23	29.8	1436.7	-0.5	2.2	-0.8	0.7	1.3	17895299	0.4	
23	29.5	1436.6	-0.2	1.6	-1	1	1.3		0.4	
23	29.2	1436.3	0.3	2.9	-1.5	1.2	1.2		0.2	
23	28.9	1436.2	1.2	4.3	-1.7	2	1.3		-0.2	
23	28.6	1436.2	1.1	4.7	-1.9	1.8	1.5	18049569	-0.6	
23	28.3	1436.1	1.5	5.4	-2.3	1.5	1.8	13004659	-0.8	
23	28	1436.1	0.6	5.2	-2	0.6	2	9738372	-1	
23	27.7	1436.3	0.3	5.3	-1.8	0.6	2.1	7841760	-1.2	
23	27.4	1436.4	0.4	5	-1.7	-0.8	2.2	6625791	-1.6	
23	27.1	1436.3	0	4.3	-1.8	-1.7	2.1	5783840	-1.8	
23	26.8	1436.5	0.4	3.5	-1.7	-2	2.1	5234375	-2.2	
23	26.5	1436.4	-0.5	2.5	-1.7	-3.8	2	4880536	-2.3	
23	26.2	1436.1	-0.9	2.1	-1.7	-4.6	1.7	4652778	-2.3	
23	25.9	1436	-1	1.9	-1.6	-5.2	1.6	4502689	-2.4	
23	25.6	1435.3	-1.2	1.3	-2.5	-4.8	1.7	4371086	-2.3	
23	25.3	1435.1	-1.9	-0.2	-3.1	-5.4	1.9	4204318	-2.1	
23	25	1435.1	-0.3	2.2	-3.3	-4.4	2	4018714	-2.2	
23	24.7	1435.4	0.1	0.6	-3.3	-3.6	2.3	3813753	-2.2	
23	24.4	1435.9	0.1	1.5	-3.6	-3.9	2.9	3622405	-2	
23	24.1	1436.1	0.8	4	-3.7	-3	3.3	3443668	-1.9	
23	23.8	1436	1.7	5	-4	-2	3.6	3286892	-1.8	
23	23.5	1436	2.1	4.5	-4.3	-1.1	3.8	3139056	-1.6	
23	23.2	1436	1.9	4.3	-4	-1.1	3.7	3012590	-1.4	
23	22.9	1436.2	2.5	6.4	-3.4	-0.2	3.3	2895920	-1.3	
23	22.6	1436.3	3.4	8.3	-3	-0.3	2.9	2795394	-1.2	
23	22.3	1436.5	2.9	7.4	-2.6	-0.7	2.3	2719156	-1.2	
23	22	1436.7	3.7	7.9	-1.9	0.3	1.4	2667198	-1.2	
23	21.7	1436.6	4.4	8.6	-1.2	1	0.3	2627039	-1.4	
23	21.4	1436.7	4.7	8.4	-0.1	1.9	-0.6	2591275	-1.4	
23	21.1	1436.9	4.2	6.7	0.8	2.1	-1.3	2559597	-1.6	
23	20.8	1437.2	4.3	7.7	1.3	1.6	-1.7	2534807	-1.6	
23	20.5	1437.6	4.8	6.3	1	1.2	-1.8	2516527	-1.8	
23	20.2	1437.7	5.4	7.1	1.3	1.2	-1.8	2507486	-2	
23	19.9	1438.2	4.7	6.7	1.7	1	-1.4	2501494	-2.2	
23	19.6	1438.5	4.3	6.2	1.7	0	-0.7	2498509	-2.3	
23	19.3	1438.8	3.2	4.8	1.5	-1.4	0.3	2495531	-2.2	
23	19	1438.7	1.2	3.1	0.8	-3.3	1.3	2495531	-2	
23	18.7	1438.9	-1.1	0.3	1.1	-5.5	1.6	2504486	-2.1	
23	18.4	1439.3	0.4	2.1	1.4	-3.7	1.6	2528684	-2.1	
23	18.1	1440.5	1	1.6	2.4	-3.5	1.4	2572175	-2.1	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
23	17.8	1440.1	1	1.8	2.1	-3.4	1	2633648	-2.1	
23	17.5	1439.2	0	1	1.2	-3.2	0.7	2705104	-1.4	
23	17.2	1438.3	0.3	0.8	0.4	-2.2	0.4	2784243	-0.8	
23	16.9	1437.5	0.5	0.7	0	-1.5	0.1	2860315	-0.8	
23	16.6	1436.5	0.4	0.1	-0.3	-0.6	-0.2	2928322	-1.3	
23	16.3	1435.6	0.4	-0.8	-1	0	-0.3	2982550	-1.5	
23	16	1435.4	-0.2	-1.3	-1.6	-0.7	0.1	3021285	-1.4	
23	15.7	1435.8	0.1	-1.4	-2.2	-0.9	0.9	3052114	-1.2	
23	15.4	1436.3	-0.7	-1.3	-2.1	-1.2	1.6	3083579	-1.1	
23	15.1	1436.4	-1	-1.3	-2	-1.6	2	3111070	-1.1	
23	14.8	1436.5	-0.8	-1.2	-2.1	-0.9	2.3	3153238	-1.2	
23	14.5	1436	-0.7	-0.7	-2.4	-1.8	2.4	3221154	-1.1	
23	14.2	1435.4	-1.8	-2.2	-2.5	-2.3	2.2	3333997	-1.2	
23	13.9	1434.8	-1.1	-0.6	-2.5	-2.4	1.8	3501255	-1.6	
23	13.6	1434.5	-2.1	-1.2	-2.6	-2.6	1.6	3718917	-1.9	
23	13.3	1433.7	-1.3	-0.3	-2.8	-3.2	1	3980514	-2.2	
23	13	1433.6	-2.1	-0.9	-2.6	-3.5	0.6	4272960	-2.5	
23	12.7	1433.7	-0.9	1	-2.3	-2.4	0.5	4571507	-2.9	
23	12.4	1434.3	-2.5	-2.2	-1.7	-4.1	0.4	4880536	-3.1	
23	12.1	1434.6	-0.5	-0.6	-1.2	-2.6	0.4	5169753	-3	
23	11.8	1434.9	-1.8	-1.9	-0.8	-3.3	0.5	5382391	-2.7	
23	11.5	1435.3	-1	-1.8	-0.4	-2.6	0.9	5452474	-2.2	
23	11.2	1435.5	-2.6	-4.3	-0.2	-3.1	1.1	5382391	-1.7	
23	10.9	1435.1	-0.7	-2.8	-0.2	-1.3	1.2	5234375	-1.1	
23	10.6	1434.9	-1.4	-3.3	-0.3	-1.3	1.3	5045181	-0.5	
23	10.3	1434.6	-1.8	-4.3	-0.7	-1.3	1.3	4857889	0	
23	10	1434.7	-2.1	-5.5	-1	-1.1	1.4	4715653	0.3	
23	9.7	1434.7	-1.2	-4.1	-1.3	-0.7	1.4	4591557	0.4	
23	9.4	1435	-0.6	-4.3	-1.3	0.5	1.4	4502689	0	
23	9.1	1434.8	-0.2	-4.6	-1.8	0.1	1.2	4473825	-0.6	
23	8.8	1434.7	-0.2	-4.9	-1.9	0	1	4512393	-1.4	
23	8.5	1434.5	0.3	-3.9	-1.7	-0.8	0.7	4551631	-2.1	
23	8.2	1434.2	0.9	-3.4	-1.7	-0.4	0.4	4561547	-2.6	
23	7.9	1434.3	0	-4.8	-1.1	-1.5	0.1	4531927	-3.4	
23	7.6	1434.3	1.2	-4.2	-1.1	-0.6	0	4464286	-3.9	
23	7.3	1434.6	0.4	-4.3	-0.4	-1.9	0	4371086	-3.9	
23	7	1434.8	-0.4	-4.7	-0.3	-2.6	0.1	4272960	-3.4	
23	6.7	1435.4	-0.8	-4	0.5	-2.7	0.4	4187500	-2.7	
23	6.4	1435.8	-0.6	-1.8	0.8	-1.7	0.7	4105393	-1.9	
23	6.1	1436	-1.2	-0.1	1.2	-2.2	0.8	4026443	-1.3	
23	5.8	1436.2	-1.2	-1.6	1.6	-1.5	0.9	3957940	-0.4	
23	5.5	1436.1	-1.9	-2.9	1.4	-1.3	1	3920881	0.3	
23	5.2	1436	-2.1	-3.1	1.1	-1.4	1.3	3928237	1.3	
23	4.9	1435.3	-2	-2	0.6	0	1.1	3965436	1.7	
23	4.6	1434.9	-1.8	-2.1	0.5	0.1	0.9	4034201	1.6	
23	4.3	1434.3	-1.4	-1.9	-0.1	0.5	0.7	4137846	1.3	
23	4	1433.9	-1.3	-1.7	-0.3	0.2	0.3	4246958	0.7	
23	3.7	1433.5	-0.9	-1.3	-0.5	0.2	0.1	4371086	0.1	
23	3.4	1433.2	-1	-0.8	-0.9	-0.5	0.1	4551631	-0.4	
23	3.1	1433.1	-0.6	-0.7	-1	-0.6	0.1	4747733	-1.2	
23	2.8	1432.9	0	0.7	-1.1	-0.5	0.1	4949764	-1.8	
23	2.5	1432.7	-0.9	0.1	-0.7	-1.2	0	5195410	-2.6	
23	2.2	1432.3	-0.2	0.6	-0.9	-1.9	-0.1	5438312	-3	
23	1.9	1432	-0.3	0.4	-0.9	-2.2	-0.2	5643531	-3.2	
23	1.6	1431.9	-0.9	0.9	-0.9	-3.1	-0.2	5799862	-3.3	
23	1.3	1431.8	-0.8	0.3	-1.1	-3.4	-0.1	6016523	-3.4	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
23	1	1431.9	-0.5	1.6	-0.8	-3	-0.2	6231399	-3.5	
23	0.7	1431.9	-0.5	0.8	-0.9	-3.4	-0.2	6402905	-3.5	
23	0.4	1431.7	-0.5	1.6	-1.1	-2.9	-0.2	6584120	-3.5	
23	0.1	1431.4	-2.7	-1.8	-1	-5	-0.5	6754032	-3.8	
22	999.8	1431.6	-0.8	1.7	-1.1	-4	-0.2	6932947	-4	
22	999.5	1431.9	-1.2	-0.7	-1.1	-4.2	0.2	7097458	-4.1	
22	999.2	1432.1	-0.9	0.9	-1.3	-4	0.6	7269965	-4.1	
22	998.9	1432.4	-0.7	0.3	-1.2	-4	0.9	7424646	-4.1	
22	998.6	1432.7	-0.9	1.7	-1.2	-4	1.2	7531475	-3.9	
22	998.3	1432.9	-0.6	0.1	-1.5	-2.6	1.5	7531475	-3.4	
22	998	1433.1	-2.2	-0.8	-1.5	-3.8	1.7	7451068	-2.6	
22	997.7	1433.2	-2	-0.2	-1.4	-1.8	1.7	7244810	-2	
22	997.4	1433.5	-1.5	0.6	-1.2	-1.7	1.7	7026007	-1.3	
22	997.1	1433.6	-1.9	-0.7	-1.1	-0.9	1.5	6820033	-0.9	
22	996.8	1433.6	-1.2	-0.6	-0.9	-0.1	1.1	6689297	-0.6	
22	996.5	1433.7	-0.9	-0.7	-0.7	0.3	0.8	6689297	-0.2	
22	996.2	1433.6	-1.1	-0.9	-0.7	0.8	0.7	6754032	0.3	
22	995.9	1433.8	-2.4	-2.7	-0.6	0.4	1	6820033	0.8	
22	995.6	1434.1	-1.5	-2.4	-0.8	2.2	1.4	6864754	0.7	
22	995.3	1434.3	-1.8	-1.8	-0.6	1.2	1.5	6910066	0	
22	995	1434.3	-1.4	-2.6	-0.7	1.3	1.5	7026007	-0.5	
22	994.7	1434.4	-2.6	-3	-0.4	-0.3	1.4	7073480	-0.8	
22	994.4	1434.6	-2.4	-2	0	-1	1.1	7026007	-1.4	
22	994.1	1434.8	-2	-1.2	0.3	-1.3	0.9	6887336	-1.8	
22	993.8	1434.5	-2.2	-1.6	0.7	-1.9	0.4	6625791	-2.4	
22	993.5	1433.9	-3.4	-2.2	0.8	-3.2	-0.3	6363982	-2.5	
22	993.2	1433.8	-3.7	-2.5	1.4	-3.8	-0.9	6176254	-2.4	
22	992.9	1433.6	-4.1	-2.2	1.5	-3.6	-1.2	6051301	-2	
22	992.6	1433.4	-4.8	-2.7	1.6	-4.5	-1.5	5982143	-1.8	
22	992.3	1433.3	-4.3	-2.3	1.2	-2.7	-1.4	5897888	-1.3	
22	992	1433.4	-4.4	-2.6	0.8	-2.8	-1	5783840	-1	
22	991.7	1433.6	-4.1	-2.7	0	-2.4	-0.5	5643531	-0.7	
22	991.4	1433.2	-4.2	-2.9	-0.5	-2.7	-0.4	5481021	-0.6	
22	991.1	1432.9	-2.9	-2	-0.9	-0.6	-0.1	5341199	-0.6	
22	990.8	1432.6	-3.1	-2.1	-1.7	-0.6	0.3	5169753	-0.9	
22	990.5	1432.3	-3.2	-2.6	-2	-1.3	0.4	4949764	-1.6	
22	990.2	1432.3	-2.7	-2.7	-1.9	-1.1	0.5	4705057	-2.1	
22	989.9	1432.5	-3.2	-2.3	-1.5	-1.9	0.6	4407895	-2.6	
22	989.6	1432.7	-2.7	-2.5	-1.2	-1.4	0.7	4146040	-2.9	
22	989.3	1433.3	-2.9	-2.6	-0.5	-2	0.7	3943032	-3.2	
22	989	1433.7	-2.1	-1.2	0.3	-1.8	0.6	3786167	-3.5	
22	988.7	1434	-2.5	-1.7	0.6	-2.9	0.6	3673246	-3.6	
22	988.4	1434.2	-3.2	-2.7	0.8	-3.4	0.7	3603701	-3.2	
22	988.1	1434.2	-2.9	-2.4	0.8	-2.9	0.7	3591338	-3.1	
22	987.8	1433.9	-2.7	-2.2	0.2	-2.4	0.9	3641305	-2.7	
22	987.5	1433.4	-3.5	-0.8	-0.5	-2.3	0.9	3745528	-2.3	
22	987.2	1432.9	-4	-3.2	-1.1	-2.6	0.9	3898976	-1.6	
22	986.9	1432.6	-4	-2.8	-1.7	-2.4	0.7	4097359	-1.5	
22	986.6	1432.4	-3.4	-2.5	-1.9	-2.3	0.4	4343880	-1.4	
22	986.3	1432.7	-3.4	-2.7	-1.7	-2	0.4	4642462	-1.4	
22	986	1432.9	-2.8	-1.9	-1.7	-0.6	0.5	5020984	-1.1	
22	985.7	1433.2	-3	-2.4	-1.4	-1	0.7	5539021	-0.8	
22	985.4	1433.3	-3.3	-1.1	-1	-1	0.8	6268713	-0.5	
22	985.1	1433.5	-3.8	-1.8	-0.3	-0.8	0.8	7269965	-0.3	
22	984.8	1433.6	-3.3	-1.8	0.1	0.1	0.9	8651860	-0.1	
22	984.5	1433.9	-3.3	-1.4	0.5	0.1	1.1	10574495	-0.2	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
22	984.2	1434	-2.9	-1.7	0.5	-0.1	1.3	13085938	-0.4	
22	983.9	1434.1	-3.1	-2.2	0.3	-0.4	1.5	16357422	-0.4	
22	983.6	1434	-3.4	-2.3	0.3	-1.6	1.4	19940476	-0.9	
22	983.3	1433.5	-2.6	-0.2	-0.1	-0.9	1.1		-1.2	
22	983	1433.1	-2.9	-1.4	-0.3	-1.5	0.8		-1.6	
22	982.7	1432.5	-3.1	-1.3	-1	-1.4	0.5	19208716	-1.8	
22	982.4	1432.2	-3	-1.6	-1.5	-1.8	0.5	15982825	-1.8	
22	982.1	1432.1	-3.2	-0.6	-2.3	-1.7	0.6	13168239	-1.9	
22	981.8	1431.9	-2.9	-0.5	-2.8	-2	0.7	11256721	-1.9	
22	981.5	1431.9	-2.8	-0.8	-3.2	-2.1	0.9	9922986	-2	
22	981.2	1431.7	-2.7	-0.5	-3.5	-1.5	0.9	8871822	-2	
22	980.9	1431.8	-2.7	0.7	-3.6	-1.6	1.1	8115310	-1.8	
22	980.6	1432	-2.7	1	-3.8	-1.3	1.6	7613637	-1.2	
22	980.3	1432.4	-3.2	0.9	-3.3	-1.1	2	7244810	-0.8	
22	980	1432.9	-2.8	2	-3	-0.5	2.5	6979167	-0.7	
22	979.7	1433.6	-3.4	0.9	-2.5	-1.1	2.8	6775890	-0.9	
22	979.4	1434	-2.7	1.7	-2	-0.8	2.8	6604890	-1.3	
22	979.1	1434.4	-2.4	1.7	-1.4	-1.1	2.8	6422546	-1.5	
22	978.8	1434.6	-3	1.2	-1	-2	2.6	6212908	-1.8	
22	978.5	1435.1	-3.1	-0.2	-0.3	-2.3	2.3	6016523	-2.2	
22	978.2	1435.3	-2.3	0.8	0.2	-2.1	1.7	5848464	-2.5	
22	977.9	1435	-2.6	0.6	0.4	-2.2	0.9	5720629	-2.6	
22	977.6	1434.6	-2.9	-0.2	0.4	-2.6	0.1	5643531	-2.3	
22	977.3	1434.6	-3.2	0	0.5	-2	-0.5	5598262	-2.1	
22	977	1434.5	-3.4	-0.7	0.9	-2.9	-1.1	5583334	-1.8	
22	976.7	1434.2	-2.8	0.1	1	-2.4	-1.8	5613271	-1.8	
22	976.4	1434.2	-2.9	-0.8	1.5	-2.3	-2.3	5674120	-1.7	
22	976.1	1434.4	-3.3	-0.8	2.2	-2.4	-2.7	5815972	-1.5	
22	975.8	1434.8	-2.8	0.4	2.8	-2	-2.9	6051301	-1.4	
22	975.5	1435	-2.8	0.1	3.3	-2.2	-3	6422546	-1.2	
22	975.2	1435.3	-2.4	0.3	3.9	-2	-3.1	6910066	-1.4	
22	974.9	1435.5	-3.2	0.3	4.1	-2.3	-3.1	7558664	-1.3	
22	974.6	1435.5	-1.9	2.1	4	-1.3	-3	8375000	-1.6	
22	974.3	1435.5	-1.9	2.1	3.9	-2.2	-2.7	9347098	-1.9	
22	974	1435.3	-1.5	1.9	3.2	-1.8	-2.3	10468750	-2	
22	973.7	1434.8	-1.6	1.8	2.3	-2.5	-1.9	11631945	-2.2	
22	973.4	1434.5	-2.1	0.7	1.3	-3	-1.4	12689394	-2.1	
22	973.1	1434.4	-1	2	0.4	-2	-0.7	13251582	-2.2	
22	972.8	1434.4	-0.8	2.5	-0.6	-2.6	0.1	13168239	-2.5	
22	972.5	1434.3	-1.1	2.7	-1.5	-2.4	0.7	12689394	-2.6	
22	972.2	1434.4	-1	2.3	-2.2	-3.1	1.4	12102601	-2.8	
22	971.9	1434.4	-0.5	2.8	-2.6	-2.7	1.7	11631945	-3	
22	971.6	1434.5	-0.4	2.5	-2.8	-2.8	2	11441257	-3.1	
22	971.3	1434.4	0.7	3.8	-2.7	-1.7	2.1	11631945	-3.2	
22	971	1434.4	0.4	3.8	-2.4	-1.4	2.1	12172965	-3.1	
22	970.7	1434.4	0.4	3	-2.2	-1.9	2	13168239	-2.9	
22	970.4	1434.5	0.9	3.8	-1.8	-1.1	1.8	15172102	-2.7	
22	970.1	1434.6	0.6	3.7	-1.4	-0.8	1.6	18528761	-2.4	
22	969.8	1434.9	0.5	3.5	-0.9	-0.7	1.5		-2.3	
22	969.5	1435.1	0.3	3.5	-0.7	-0.7	1.5		-2.1	
22	969.2	1435.2	0.1	3	-0.7	-0.8	1.6		-1.9	
22	968.9	1435.2	0.1	2.9	-0.7	-1	1.7		-1.7	
22	968.6	1434.9	-0.4	2.3	-1	-1.2	1.7		-1.4	
22	968.3	1434.9	-0.1	2.6	-0.9	-1.1	1.7		-1.4	
22	968	1434.6	-0.5	2.2	-0.9	-1.7	1.5		-1.1	
22	967.7	1434.5	-0.8	2.4	-0.9	-1.4	1.4		-0.9	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
22	967.4	1434.2	-1.2	1.6	-1	-1.5	1.2		-0.6	
22	967.1	1434.2	-1.6	1.8	-0.8	-1	1		-0.2	
22	966.8	1434.1	-1.5	1.2	-0.6	-0.9	0.5		-0.3	
22	966.5	1434	-1.8	0.6	-0.3	-1	0		0	
22	966.2	1433.9	-1.6	1.4	0.1	-0.5	-0.5		0	
22	965.9	1433.8	-1.1	2	0.2	0	-0.9		0	
22	965.6	1433.5	-0.8	1.5	0.3	0.3	-1.3	16750000	0	
22	965.3	1433.3	-1.1	1.5	0.3	0.1	-1.5	13958333	0	
22	965	1433	-1.1	1.8	0.6	0.5	-1.8	11896307	0	
22	964.7	1432.9	-1.8	1.4	0.7	-0.1	-1.8	10163835	0	
22	964.4	1433.2	-1.8	1.6	1	-0.1	-1.5	8723959	0	
22	964.1	1433.4	-1.7	1.1	1.1	0.3	-1.1	7586051	-0.1	
22	963.8	1433.7	-1.7	1.2	0.9	0	-0.5	6754032	-0.1	
22	963.5	1434	-2	1.3	1.1	-0.9	-0.1	6140030	0	
22	963.2	1434.3	-1.7	1.1	1.1	-0.9	0.4	5705041	-0.2	
22	962.9	1434.5	-1.5	1.3	1	-1	0.9	5424223	-0.3	
22	962.6	1434.2	-2	0.4	0.6	-1.8	1.1	5314087	-0.5	
22	962.3	1433.8	-1.8	1.4	-0.1	-1.7	1.3	5354860	-0.7	
22	962	1433.3	-1.9	0	-0.8	-2.4	1.3	5568484	-1	
22	961.7	1432.9	-2.3	-0.4	-1.1	-3.2	1	5931303	-1.2	
22	961.4	1432.7	-2	-0.5	-1.3	-3.1	0.6	6462192	-1.3	
22	961.1	1432.3	-1.1	0.5	-1.4	-2.3	0.1	7195017	-1.4	
22	960.8	1432.1	-1.1	1	-1.7	-2.2	-0.2	8178711	-1.4	
22	960.5	1432	-0.4	0.6	-2	-1.9	-0.5	9473982	-1.4	
22	960.2	1432.1	-0.2	0.6	-1.9	-1.7	-0.5	11078042	-1.4	
22	959.9	1432.3	0.1	1.2	-1.5	-1.7	-0.5	13004659	-1.4	
22	959.6	1432.3	0.8	1.8	-1.1	-1	-0.5	15395221	-1.4	
22	959.3	1432.7	1.1	1.6	-0.6	-0.4	-0.2	18528761	-1.4	
22	959	1433	1.3	1.7	-0.3	-0.3	0.1		-1.4	
22	958.7	1433.1	1.7	1	-0.2	-0.2	0.4		-1.2	
22	958.4	1433.7	1.1	0.7	0.2	-0.3	1		-0.8	
22	958.1	1434.5	1.8	1.4	0.5	0.4	1.5		-0.9	
22	957.8	1434.7	2.2	1.3	0.4	0.8	1.7		-0.9	
22	957.5	1434.8	2.6	2	0.4	0.6	1.7		-1.1	
22	957.2	1434.5	2.7	2.2	0.2	0.1	1.4		-1.4	
22	956.9	1434.1	2.5	2.2	-0.3	-0.1	1		-1.7	
22	956.6	1433.7	2.5	2.4	-0.6	-0.1	0.7		-2	
22	956.3	1433.4	2.5	2.4	-0.6	-0.5	0.4		-2.3	
22	956	1433	2.4	2.8	-0.8	-0.1	0		-2.7	
22	955.7	1432.9	1.5	1.6	-1	-1.4	-0.3		-2.9	
22	955.4	1433.1	1.3	1.8	-0.7	-1.8	-0.5		-3.1	
22	955.1	1433.1	1.7	2.5	-0.8	-1.9	-0.5		-3.3	
22	954.8	1433.5	1.6	2.8	-0.4	-2.1	-0.1		-3.4	
22	954.5	1434	0.7	2.3	-0.2	-2.9	0.4	18366228	-3.4	
22	954.2	1434.3	-0.1	1.4	-0.1	-4	0.9	15395221	-3.4	
22	953.9	1434.1	-0.3	1.5	-0.2	-4	1.1	13595779	-3.2	
22	953.6	1433.9	-1.4	0.2	-0.2	-5.1	1.2	12612952	-2.9	
22	953.3	1433.9	-1.8	-0.7	-0.2	-4.2	1.2	12033046	-2.5	
22	953	1433.9	-2.1	-1.3	-0.2	-4.2	1.2	11762641	-2.2	
22	952.7	1433.9	-2	-0.9	0	-4.4	0.9	11896307	-2	
22	952.4	1433.6	-2.1	-1	-0.1	-4.3	0.4	12244152	-1.4	
22	952.1	1433.5	-2.1	-0.3	0.1	-3.4	-0.1	12845092	-1.1	
22	951.8	1433.2	-1.5	0.3	0.1	-2.4	-0.6	13508065	-1	
22	951.5	1433	-1.5	0.2	0.4	-2.5	-0.9	13865894	-0.9	
22	951.2	1432.9	-0.9	0.8	0.6	-1.7	-1.2	13774671	-0.9	
22	950.9	1432.8	-1.8	0.2	0.5	-2	-1.4	13421474	-0.4	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
22	950.6	1432.8	-1.6	0.1	0.3	-1.3	-1.5	12845092	-0.2	
22	950.3	1433	-0.9	0.6	0.2	-0.4	-1.4	12033046	-0.2	
22	950	1433	0	2	0.1	0.5	-1.2	11256721	-0.1	
22	949.7	1433.1	-0.2	1.6	0	0.5	-1	10521357	0.1	
22	949.4	1433.1	0	1.9	0	0.4	-0.8	9922986	0.2	
22	949.1	1432.8	0.5	2.8	-0.2	1.5	-0.8	9517046	0.5	
22	948.8	1433.1	1.3	3.3	-0.1	2.6	-0.5	9264381	0.9	
22	948.5	1433.5	1.4	2.5	0.1	3	-0.1	9223568	0.9	
22	948.2	1434	1.2	2.3	0.3	2.7	0.3	9431306	0.8	
22	947.9	1434.4	0.6	1	0.5	1.4	0.5	9922986	0.6	
22	947.6	1434.6	0.9	1.1	0.8	0.9	0.4	10574495	0.2	
22	947.3	1434.6	1	0.9	0.7	0.8	0.4	11317568	-0.1	
22	947	1434.6	1.2	0.4	0.6	0.5	0.5	11964286	-0.5	
22	946.7	1434.6	0.6	-0.5	0.5	-0.8	0.7	12389053	-0.9	
22	946.4	1434.5	0.1	-1.2	0.3	-2.2	0.7	12612952	-1.2	
22	946.1	1434.1	0.5	-1.2	0	-3	0.5	12612952	-1.8	
22	945.8	1433.9	0.2	-0.9	-0.2	-3.5	0.3	12316177	-2.2	
22	945.5	1433.8	0.5	-1.3	-0.4	-2.8	0.2	11762641	-2.4	
22	945.2	1433.8	0.5	-1.7	-0.6	-3.1	0.3	11196524	-2.6	
22	944.9	1433.8	0.4	-2.2	-0.8	-3.3	0.5	10848446	-2.7	
22	944.6	1433.9	0.4	-2.3	-0.8	-4.2	0.7	10962042	-3.1	
22	944.3	1433.9	0.6	-1.9	-1	-4	0.7	11696928	-3.4	
22	944	1433.9	0.9	-1.6	-1.2	-3.2	0.7	13251582	-3.6	
22	943.7	1433.7	2	-0.5	-1.2	-2.9	0.7	16105769	-4	
22	943.4	1433.6	1.8	-0.6	-1.1	-2.8	0.7		-4.3	
22	943.1	1433.6	1.2	-0.3	-1.2	-3.4	0.8		-4.4	
22	942.8	1433.6	1.2	-0.1	-1	-3.4	0.7		-4.5	
22	942.5	1433.6	1	-0.7	-0.9	-2.9	0.6		-4.3	
22	942.2	1433.5	1.9	0.3	-0.9	-2.1	0.5		-4.1	
22	941.9	1433.8	1.7	1	-0.4	-2	0.5		-3.9	
22	941.6	1434.2	0.9	1	-0.1	-2.2	0.6		-3.4	
22	941.3	1434.4	1.2	1.5	0.1	-2	0.7		-3	
22	941	1434.1	0.4	1.8	0.1	-2	0.5		-2.2	
22	940.7	1434.1	-0.1	1.7	0.2	-1.6	0.5		-1.6	
22	940.4	1434	-0.4	1.7	0	-1.4	0.6		-1	
22	940.1	1433.9	-1.3	0.7	-0.3	-1.5	0.7		-0.1	
22	939.8	1433.8	-0.6	1.5	-0.5	-1	0.8		0.5	
22	939.5	1433.5	-0.9	1.2	-0.8	-0.9	0.7	18049569	1.1	
22	939.2	1433.6	-1.4	0.1	-1.1	-0.5	0.7	13335987	1.6	
22	938.9	1433.6	-1.6	-0.1	-1.3	-0.6	0.7	10521357	2	
22	938.6	1433.4	-1.3	-0.4	-1.1	0	0.5	8871822	2.3	
22	938.3	1433.2	-1.3	0.5	-1.2	0.2	0.5	7841760	2.4	
22	938	1433.2	-1.1	0.5	-1	0.8	0.4	7121599	2.3	
22	937.7	1433.4	-0.8	0.1	-0.6	0.8	0.4	6646826	2	
22	937.4	1433.5	-0.1	-0.1	-0.2	0.6	0.4	6287538	1.3	
22	937.1	1433.5	0.6	0.8	0.3	0.5	0.4	6051301	0.6	
22	936.8	1433.7	0.5	0.5	0.8	-0.5	0.4	5897888	-0.3	
22	936.5	1433.9	0.7	0.2	0.9	-0.6	0.4	5832173	-1.1	
22	936.2	1434	1.5	0.2	0.9	-0.7	0.4	5815972	-1.8	
22	935.9	1433.8	2	0.6	0.7	-1.2	0.4	5832173	-2.4	
22	935.6	1433.6	1.2	0	0.2	-2.8	0.5	5832173	-2.8	
22	935.3	1433.4	2.1	1.5	-0.1	-1.7	0.4	5799862	-3.3	
22	935	1432.8	1.9	1	-0.6	-2.3	0.1	5783840	-3.6	
22	934.7	1432.1	2.4	1.4	-1	-2.5	-0.3	5767907	-3.8	
22	934.4	1431.5	2.8	1.6	-1.2	-2.2	-0.8	5783840	-3.9	
22	934.1	1431.6	2.1	1.5	-0.8	-2.8	-1.2	5799862	-3.9	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
22	933.8	1431.9	2.2	2.1	-0.1	-2.7	-1.7	5848464	-4	
22	933.5	1432.2	2.9	2.4	0.8	-2.1	-2.2	5914548	-4	
22	933.2	1432.6	3.5	3.3	1.3	-1.3	-2.3	5999284	-3.9	
22	932.9	1432.9	1.7	1.2	1.8	-2.3	-2.4	6122076	-3.5	
22	932.6	1433.1	1.3	0.8	2.3	-3.3	-2.3	6231399	-3	
22	932.3	1433.2	1.7	1.3	2.6	-2.6	-2.1	6325529	-2.8	
22	932	1433.2	1.8	1.4	2.9	-2.7	-1.8	6422546	-2.6	
22	931.7	1433.3	1.3	0.7	2.3	-0.6	-1.2	6522586	-2.1	
22	931.4	1433.4	0.3	-0.6	1.7	-2.4	-0.5	6625791	-1.4	
22	931.1	1433.5	0.1	-1.9	1	-2.1	0.1	6710737	-0.9	
22	930.8	1433.6	0.6	-1.2	0.2	-1.6	0.9	6732315	-0.4	
22	930.5	1433.7	-1	-2.2	-0.2	-2.9	1.2	6689297	-0.8	
22	930.2	1433.5	1.4	0.2	-0.9	0.1	1.6	6604890	-1.2	
22	929.9	1433.3	0.6	-0.4	-1.8	-1.3	2.2	6502329	-1.4	
22	929.6	1432.8	1	-0.9	-3	-0.9	3	6383384	-1.3	
22	929.3	1432.8	-2.4	-4.1	-3.4	-4	3.3	6212908	-1.4	
22	929	1432.6	0.5	-0.4	-3.8	-0.5	3.4	6016523	-1.6	
22	928.7	1432.5	-0.2	-1.4	-3.8	-1.2	3.2	5815972	-1.8	
22	928.4	1432.4	0.2	-0.2	-3.8	-1.4	3	5613271	-2	
22	928.1	1432.4	0.5	0.6	-4	-0.3	3	5424223	-2	
22	927.8	1432.4	-1.1	-0.7	-3.6	-3	2.6	5208334	-1.9	
22	927.5	1432.6	-0.6	0.7	-3	-2.1	2.2	4997017	-1.9	
22	927.2	1432.3	-0.6	0	-2.6	-2.2	1.7	4813219	-1.9	
22	926.9	1432.4	-1	-0.1	-2.1	-0.9	1.4	4684005	-1.8	
22	926.6	1432.6	-1.5	-0.1	-1.5	-2.7	1.1	4591557	-1.8	
22	926.3	1432.7	-1.6	0	-1	-2.6	0.8	4531927	-1.9	
22	926	1432.8	-1.3	0	-0.5	-2.9	0.4	4502689	-2.2	
22	925.7	1433	-1.3	0	-0.3	-2.9	0.3	4502689	-2.2	
22	925.4	1433.4	-1.5	-0.4	0	-2.3	0.4	4551631	-2	
22	925.1	1433.4	-1.4	-0.6	-0.2	-2.3	0.4	4621965	-2	
22	924.8	1433.6	-1.5	-1.4	-0.1	-2.7	0.6	4684005	-1.8	
22	924.5	1433.4	-1.4	-2	-0.2	-2.3	0.6	4673549	-1.6	
22	924.2	1433.4	-1.8	-2.3	-0.2	-2.6	0.6	4571507	-1.3	
22	923.9	1433.4	-1.6	-2.3	0	-2	0.4	4389413	-1.2	
22	923.6	1433.4	-1.5	-3	0.1	-2.2	0.3	4154266	-1	
22	923.3	1433.5	-1.7	-3.7	0.1	-2.4	0.2	3891729	-0.8	
22	923	1433.6	-1.2	-2.4	-0.1	-1.8	0.1	3641305	-0.8	
22	922.7	1433.9	-1.6	-3.7	0.1	-2.4	0.1	3415580	-0.9	
22	922.4	1433.9	-0.6	-2.5	-0.2	-1.3	0.1	3221154	-1.2	
22	922.1	1433.6	-0.3	-2.7	-0.4	-1.8	0	3061039	-1.5	
22	921.8	1433.4	0.6	-2.2	-0.7	-1.2	0	2940661	-1.7	
22	921.5	1433.3	-0.1	-2.2	-0.9	-2	0.1	2864228	-1.7	
22	921.2	1433.3	0.8	-1.4	-1.1	-1.3	0.3	2825574	-1.9	
22	920.9	1433.4	1.1	-1.8	-0.9	-1.1	0.4	2802879	-2.2	
22	920.6	1433.7	1	-2.5	-0.7	-1.8	0.7	2802879	-2.3	
22	920.3	1434	1.1	-0.6	-0.9	-0.9	1	2806636	-2.2	
22	920	1434.4	0.5	-0.8	-0.5	-1.9	1.2	2821766	-2.1	
22	919.7	1434.6	1.5	-0.2	-0.4	-0.5	1.4	2856413	-2.2	
22	919.4	1434.8	2.1	0.3	-0.1	-0.3	1.6	2924232	-2.1	
22	919.1	1434.8	2	0.7	-0.3	0	1.8	3008262	-2.2	
22	918.8	1434.8	2	1.7	-0.5	-0.3	1.9	3092689	-2.1	
22	918.5	1434.3	1.8	1.7	-0.9	-0.8	1.8	3177163	-2.1	
22	918.2	1433.8	2.3	1.7	-1.5	0.4	1.8	3256221	-1.8	
22	917.9	1433.8	1.2	2.2	-1.8	-0.7	2	3344649	-1.6	
22	917.6	1433.6	1.2	-0.2	-2.3	-0.1	2.1	3415580	-1.5	
22	917.3	1433.5	0	-0.6	-2.3	-1.8	2	3460744	-1.6	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
22	917	1433.2	0	-1	-2.5	-2.2	1.6	3449341	-1.6	
22	916.7	1433.2	-0.2	2.2	-2.3	-2.9	1.3	3398945	-1.6	
22	916.4	1433.4	-0.4	-0.9	-2	-3	1	3328697	-1.6	
22	916.1	1433.4	-0.1	0.1	-1.4	-2.6	0.7	3241100	-1.5	
22	915.8	1433.4	-0.9	-1.1	-1	-3.3	0.4	3134357	-1.5	
22	915.5	1433.2	-0.4	-0.9	-0.8	-2.7	0	3043242	-1.4	
22	915.2	1433.2	-0.8	0.3	-0.2	-2.7	-0.3	2965652	-1	
22	914.9	1433	-1	-0.4	-0.1	-1.6	-0.5	2907987	-0.6	
22	914.6	1433.4	-0.8	-0.2	0.3	-1.4	-0.2	2876031	-0.6	
22	914.3	1433.7	0.3	1.3	0.4	-0.5	0.2	2864228	-0.9	
22	914	1433.9	-0.1	1.4	0.2	-1.1	0.7	2872086	-1	
22	913.7	1434	0.1	1.7	0	-1.2	1	2883954	-1.3	
22	913.4	1434.2	-0.4	0.9	-0.2	-2	1.2	2903953	-1.4	
22	913.1	1434.2	0.6	1.9	-0.4	-1.1	1.4	2920154	-1.6	
22	912.8	1433.9	0.6	2.1	-0.9	-1.5	1.4	2932424	-1.7	
22	912.5	1433.7	0	1.4	-1.1	-1.7	1.4	2944797	-1.8	
22	912.2	1433.4	0.1	1.6	-1.6	-2.2	1.3	2961457	-1.8	
22	911.9	1433.1	0	1.4	-1.9	-2.2	1	2974077	-1.8	
22	911.6	1432.6	0.4	2.2	-2.3	-1.8	0.7	2995351	-1.5	
22	911.3	1432.6	0.1	1.7	-2.2	-2.4	0.5	3025651	-1.5	
22	911	1432.9	1.3	2.8	-2.2	-0.5	0.7	3074523	-1.6	
22	910.7	1433.3	0.6	2.3	-1.9	-2.3	0.9	3129672	-2	
22	910.4	1433.6	1.5	2.7	-1.6	-1.9	1.1	3191693	-2.4	
22	910.1	1433.9	0.8	2.4	-1.2	-2.1	1.2	3266381	-2.6	
22	909.8	1434.1	1.7	2.3	-0.9	-1.5	1.3	3355369	-2.8	
22	909.5	1434.3	0.6	0.9	-0.6	-2.5	1.3	3460744	-3	
22	909.2	1434.5	1.6	1	-0.3	-1.8	1.3	3566866	-3.4	
22	908.9	1434.6	2	2.1	-0.3	-1.5	1.5	3679702	-3.6	
22	908.6	1434.6	0.9	0.1	-0.3	-3.5	1.4	3799910	-3.7	
22	908.3	1434.4	1.3	0.2	-0.4	-2.2	1.4	3920881	-3.7	
22	908	1434.3	1.4	0.4	-0.3	-2.1	1.3	4049807	-3.5	
22	907.7	1434.1	0.7	-0.4	-0.5	-2.2	1.3	4187500	-3.2	
22	907.4	1433.9	0.8	0.3	-0.7	-2.2	1.4	4334886	-2.8	
22	907.1	1434.2	0.3	-1.2	-1.1	-2.2	1.9	4473825	-2.1	
22	906.8	1434.3	-0.4	-2.5	-1.6	-2	2.3	4561547	-1.4	
22	906.5	1434.2	-0.2	-2.2	-1.9	-2	2.4	4601649	-0.9	
22	906.2	1434	0	-2	-2.5	-0.1	2.5	4571507	-0.1	
22	905.9	1433.6	-1	-2.8	-3	-0.9	2.6	4493026	0.8	
22	905.6	1433	-1.4	-3.7	-3.4	0	2.3	4380230	1.6	
22	905.3	1432.6	-1.3	-2.5	-3.7	1	2.2	4229798	2.3	
22	905	1432.4	-1.3	-2.5	-3.5	0.9	1.8	4057655	2.3	
22	904.7	1432.6	0.2	0.2	-3.1	2	1.4	3884509	2.1	
22	904.4	1432.7	-1.1	-1.1	-2.4	1.5	0.9	3752241	1.8	
22	904.1	1432.9	-0.2	0	-1.6	1.8	0.4	3666813	1.3	
22	903.8	1433.3	-0.8	-0.4	-0.8	0.5	0.1	3628683	0.9	
22	903.5	1433.5	0.2	0.3	0	1.7	-0.2	3641305	0.3	
22	903.2	1433.9	-0.9	0	0.8	-0.2	-0.2	3692681	-0.3	
22	902.9	1434	-0.8	-0.4	1.2	-0.1	-0.2	3786167	-1	
22	902.6	1434.4	-0.7	0.1	1.6	0.1	-0.2	3920881	-1.5	
22	902.3	1434.4	0.2	1.2	1.6	-0.7	-0.3	4089356	-2	
22	902	1434.1	-1.2	-0.4	1.3	-1.7	-0.3	4264257	-2.2	
22	901.7	1434	-1.2	-1.5	1.3	-2.5	-0.5	4389413	-2.6	
22	901.4	1433.9	-0.7	-0.6	1.1	-2.1	-0.6	4464286	-3.1	
22	901.1	1433.8	-1.4	-1.5	1	-4.1	-0.8	4464286	-3.5	
22	900.8	1433.6	-0.5	-0.1	0.6	-2.8	-0.8	4426533	-3.7	
22	900.5	1433.5	-2.1	-2.7	0.4	-3.8	-0.6	4352911	-2.7	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
22	900.2	1433.6	-3.2	-3.8	0.3	-4.4	-0.5	4255590	-2.2	
22	899.9	1433.6	-2.3	-2.3	0.4	-3.5	-0.5	4137846	-1.7	
22	899.6	1433.4	-2.2	-2.3	0.4	-2.5	-0.5	4041989	-1.4	
22	899.3	1433.5	-2.5	-2.5	0.3	-2.8	-0.2	4003346	-1	
22	899	1433.6	-2.7	-3.1	0.3	-2.8	0	4026443	-0.8	
22	898.7	1433.7	-1.8	-1.9	0.3	-1.5	0.1	4113458	-0.7	
22	898.4	1433.6	-1.9	-3.2	0.1	-2.4	0.1	4246958	-0.6	
22	898.1	1433.4	-1.2	-1.8	-0.1	-1.2	0.1	4445329	-0.6	
22	897.8	1433.2	-1.2	-2.7	-0.7	-1	0.3	4694507	-0.5	
22	897.5	1432.9	-1.3	-2.1	-1.2	-1.8	0.4	4973278	-0.5	
22	897.2	1432.9	-0.9	-2.6	-1.3	-1.7	0.5	5260679	-0.7	
22	896.9	1432.7	-0.2	-0.8	-1.7	-0.7	0.7	5598262	-0.9	
22	896.6	1432.6	-0.7	-2.3	-2.1	-1.2	0.9	5948154	-0.9	
22	896.3	1432.8	-0.7	-2.7	-2.3	-1.7	1.3	6268713	-0.9	
22	896	1433.1	0.2	-0.7	-2	-0.8	1.5	6584120	-1.5	
22	895.7	1433.4	1	-0.3	-1.6	-1.2	1.6	6932947	-2.1	
22	895.4	1433.6	1.9	0.5	-1.4	-1.1	1.7	7269965	-2.7	
22	895.1	1433.8	2.3	1.6	-1.1	-1.1	1.8	7669414	-3.4	
22	894.8	1434	2.3	1.5	-0.9	-1.8	1.8	8083977	-3.7	
22	894.5	1434	1.7	1.4	-0.7	-2.7	1.7	8511179	-3.7	
22	894.2	1434	2	2.4	-0.7	-2.2	1.5	8909575	-3.8	
22	893.9	1433.9	2.1	2.3	-0.8	-1.9	1.3	9183114	-3.9	
22	893.6	1433.7	1	1	-0.9	-3.4	0.8	9305556	-3.7	
22	893.3	1433.5	1.5	2.5	-1.2	-2.6	0.4	9264381	-3.1	
22	893	1433.4	1.8	3.2	-1.2	-2.3	0	9143013	-2.6	
22	892.7	1433.3	1.2	2.5	-1.1	-2.3	-0.5	8909575	-2	
22	892.4	1433.3	1.8	3.1	-1	-1.3	-0.8	8511179	-1.6	
22	892.1	1433.4	1.7	1.5	-0.8	-0.6	-0.8	8083977	-1.2	
22	891.8	1433.8	1.5	2.6	-0.5	-0.8	-0.4	7669414	-1	
22	891.5	1434	1	1.2	-0.3	-1.2	-0.1	7244810	-0.8	
22	891.2	1434.6	1.2	2	0	-0.6	0.5	6842320	-1	
22	890.9	1435.2	1.1	0.9	0.1	-0.6	1.1	6442308	-1.2	
22	890.6	1435.7	1.1	2	0.3	-1.1	1.7	6104228	-1.4	
22	890.3	1435.9	0.7	1.5	0.1	-0.9	2.2	5881320	-1.6	
22	890	1436.2	0.7	1.4	-0.1	-1.4	2.6	5736302	-1.8	
22	889.7	1436.1	0.6	0.4	-0.5	-1.8	2.5	5613271	-1.9	
22	889.4	1435.4	0.6	1.8	-0.8	-1.7	1.8	5481021	-1.7	
22	889.1	1434.8	0.7	1.9	-0.8	-1.5	1	5382391	-1.8	
22	888.8	1434.5	0.6	1.3	-0.9	-1.2	0.4	5314087	-1.5	
22	888.5	1434.4	-0.4	1	-0.8	-1.8	-0.2	5287248	-1.2	
22	888.2	1434	-0.1	0.4	-0.7	-1.6	-0.8	5287248	-1	
22	887.9	1433.9	-1.1	1	-0.4	-2.1	-1.2	5314087	-0.7	
22	887.6	1434.1	-1.2	2	-0.3	-2	-1.2	5396263	-0.6	
22	887.3	1434.7	-0.7	1.6	0	-1.7	-0.9	5524407	-0.9	
22	887	1434.9	-0.3	1.9	0.1	-2	-0.5	5720629	-1.1	
22	886.7	1435.2	-0.2	2.3	0.1	-2.3	0.1	6016523	-1.6	
22	886.4	1435.3	-0.6	2.1	-0.1	-2.9	0.6	6442308	-1.9	
22	886.1	1435.5	-0.6	1.2	-0.4	-2.5	0.9	7026007	-2.1	
22	885.8	1435.4	0	1.9	-0.3	-2.6	1	7754630	-2.3	
22	885.5	1435.1	0	1.2	-0.4	-2	0.9	8580943	-2.5	
22	885.2	1435.1	-0.2	1	-0.2	-2.2	0.7	9517046	-2.6	
22	884.9	1435.2	-0.3	1	-0.1	-2.6	0.4	10521357	-2.5	
22	884.6	1435.2	0.6	1.5	0.2	-1.7	0.1	11504121	-2.4	
22	884.3	1435.1	0.4	0.6	0.4	-1.8	-0.2	12389053	-2.2	
22	884	1435.1	0.2	0.9	0.6	-1.5	-0.3	13085938	-2	
22	883.7	1435.5	0	0.7	0.9	-1.4	-0.2	13595779	-1.8	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
22	883.4	1435.5	0.6	0.4	0.9	-1	-0.1	13684641	-1.7	
22	883.1	1435.3	0.1	-0.9	0.8	-1.1	0.1	13421474	-1.6	
22	882.8	1435.1	0	-1.9	0.5	-0.8	0.4	12845092	-1.7	
22	882.5	1435.1	0.3	-2	0.1	-0.6	0.9	11829096	-1.9	
22	882.2	1434.9	0.1	-2.2	-0.2	-1.5	1	10737180	-1.9	
22	881.9	1434.5	0.2	-1.5	-0.8	-1.7	1.1	9693287	-2	
22	881.6	1434.2	0	-2	-1.2	-1.5	1.1	8947650	-1.8	
22	881.3	1434.1	-0.1	-2.2	-1.6	-1.2	1.1	8408635	-1.9	
22	881	1434.1	-0.2	-1.2	-1.7	-1.5	1.1	8115310	-1.8	
22	880.7	1433.7	-0.8	-2.3	-1.9	-1.6	1	8052885	-1.7	
22	880.4	1433.3	-1.6	-3.4	-1.9	-2.2	0.7	8275692	-1.6	
22	880.1	1433.1	-1.7	-2.9	-1.8	-2	0.4	8871822	-1.6	
22	879.8	1433.1	-1.1	-2.9	-1.6	-1.6	0.3	9970238	-1.9	
22	879.5	1433.3	-0.6	-2.3	-1.3	-1.4	0.4	11631945	-2.4	
22	879.2	1433.5	-0.7	-2.2	-1	-1.7	0.5	13774671	-2.8	
22	878.9	1433.8	-1.7	-2.7	-0.6	-2.9	0.5	16357422	-3	
22	878.6	1433.9	-1.5	-2.7	-0.2	-2.5	0.3	19567757	-3	
22	878.3	1434	-1.8	-2.9	0.3	-2.1	0.1		-3	
22	878	1433.8	-1.9	-3	0.4	-1.3	-0.1		-2.9	
22	877.7	1433.9	-3	-3.7	0.8	-1.8	-0.3		-2.4	
22	877.4	1433.9	-2.9	-3.6	0.9	-1.5	-0.5		-2.2	
22	877.1	1433.9	-3.4	-4	1.1	-2.1	-0.8		-1.9	
22	876.8	1433.8	-3.6	-4.2	1.1	-2.1	-1.1	18206522	-1.7	
22	876.5	1433.7	-3.4	-4.1	1.4	-0.8	-1.4	16885081	-1.4	
22	876.2	1433.6	-3.8	-4.4	1.2	-0.8	-1.4	15742481	-1	
22	875.9	1433.5	-4.6	-4.2	1	-0.8	-1.3	14849291	-0.4	
22	875.6	1433.6	-5.4	-5.3	0.9	-0.7	-1	14052014	0.4	
22	875.3	1433.7	-5.5	-4.4	0.6	0	-0.7	13421474	0.7	
22	875	1433.9	-6.1	-4.9	0.2	-0.5	-0.3	12924383	1	
22	874.7	1434	-5.8	-5.1	-0.2	-0.2	0.1	12462798	1	
22	874.4	1434	-5.8	-5.5	-0.6	-0.2	0.4	12102601	1	
22	874.1	1433.6	-6.3	-6.1	-1.1	-0.5	0.6	11762641	1.3	
22	873.8	1433.6	-6.4	-5.8	-1.2	-0.2	0.7	11631945	1.6	
22	873.5	1433.5	-6.6	-6	-1.2	0	0.7	11829096	1.8	
22	873.2	1433.6	-6.6	-6.6	-1.1	0.2	0.7	12244152	1.8	
22	872.9	1433.7	-6.5	-6.5	-0.9	0	0.7	12924383	1.7	
22	872.6	1434.1	-6.3	-6.1	-0.7	0.3	0.9	13958333	1.7	
22	872.3	1434.3	-5.7	-5.4	-0.6	-0.2	1	15395221	1.4	
22	872	1434.6	-5.5	-6.1	-0.6	-0.2	1.3	16885081	1.2	
22	871.7	1434.6	-5.6	-6	-0.4	-0.5	1.4	18694197	1.1	
22	871.4	1434.5	-5.4	-5.6	-0.5	-0.5	1.4		0.9	
22	871.1	1434.4	-4.9	-4.9	-0.5	-0.3	1.4		0.6	
22	870.8	1434.3	-4.7	-5.3	-0.6	-0.8	1.3		0.1	
22	870.5	1434.1	-4.1	-4.2	-0.7	-1.1	1		-0.4	
22	870.2	1433.8	-3.6	-3.6	-0.8	-1.1	0.5		-0.8	
22	869.9	1433.7	-2.5	-2.8	-0.6	-0.7	0		-1.5	
22	869.6	1433.7	-2.3	-2.4	-0.4	-0.8	-0.5	19940476	-1.9	
22	869.3	1433.7	-1.7	-1.9	0.1	-0.9	-1	19034091	-2.6	
22	869	1433.7	-1.6	-1.6	0.6	-1.1	-1.4	18694197	-3	
22	868.7	1433.6	-1.4	-1.3	0.8	-1.7	-1.7	18528761	-3.3	
22	868.4	1433.6	-1	-0.8	1.2	-1.6	-1.7	18528761	-3.5	
22	868.1	1433.9	-0.2	0.6	1.6	-1.2	-1.4	18694197	-3.7	
22	867.8	1434.1	-0.2	1.4	1.8	-1.5	-1	18862613	-3.6	
22	867.5	1434.3	-0.8	0.9	1.7	-2.4	-0.5	18862613	-3.2	
22	867.2	1434.6	-1.2	-0.1	1.5	-2.4	0	18528761	-2.6	
22	866.9	1434.7	-1.3	-0.7	0.9	-2.2	0.6	17743644	-1.8	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
22	866.6	1434.6	-1.5	-0.8	0.3	-2.4	1	16617064	-1.3	
22	866.3	1434.5	-1.1	0.6	-0.2	-2	1.5	15172102	-1.4	
22	866	1434	-1.2	0.3	-1	-2.5	1.7	13958333	-1.7	
22	865.7	1433.4	-1.3	0.5	-1.8	-3	1.8	13004659	-1.8	
22	865.4	1432.8	-1	0.9	-2.4	-2.9	1.6	12389053	-2	
22	865.1	1432.5	-0.7	2.3	-2.7	-2.6	1.3	12033046	-2.1	
22	864.8	1432.6	-0.4	2.5	-2.8	-1.8	1	11896307	-2.1	
22	864.5	1432.7	-0.1	3.3	-2.5	-2.1	0.6	11964286	-2.4	
22	864.2	1432.8	0.7	4.3	-2.1	-1.2	0.3	12172965	-2.7	
22	863.9	1432.9	0.3	3.7	-1.5	-1.7	-0.1	12316177	-2.8	
22	863.6	1433	0.3	4.1	-0.6	-1.6	-0.5	12316177	-2.8	
22	863.3	1433	0.1	4.7	0	-1.5	-0.7	12102601	-2.6	
22	863	1433.2	0.1	5.5	0.6	-1.5	-0.8	11896307	-2.5	
22	862.7	1433.4	0.3	5.8	1.1	-0.8	-0.8	11696928	-2.3	
22	862.4	1434.1	-0.2	5.9	1.4	-1.4	-0.5	11696928	-2.3	
22	862.1	1434.5	0.4	6.2	1.3	-0.8	-0.2	11896307	-2.2	
22	861.8	1434.6	-0.1	5.7	1.2	-1.6	-0.1	12537425	-1.9	
22	861.5	1434.5	-0.4	5.9	0.9	-1.5	0.1	13774671	-1.6	
22	861.2	1434.3	-0.7	5.7	0.5	-1	0.3	15742481	-1.2	
22	860.9	1434.1	-0.8	5.8	0.2	-1	0.6	19034091	-1.1	
22	860.6	1433.9	-0.8	5.8	-0.2	-0.6	1		-1	
22	860.3	1433.7	-1.7	4.8	-0.2	-1.6	1		-0.8	
22	860	1433.8	-1.8	4.5	-0.3	-1	1		-0.8	
22	859.7	1434	-1.8	3.9	-0.3	-1.3	1		-0.9	
22	859.4	1434.1	-1.5	4	-0.2	-0.9	0.9		-1	
22	859.1	1434	-1.4	4.2	-0.2	-0.9	0.7		-1.1	
22	858.8	1434	-2	3.4	-0.1	-1.4	0.6		-1.3	
22	858.5	1433.5	-1.8	3.1	-0.3	-1.3	0.3		-1.5	
22	858.2	1433	-2.4	2.3	-0.3	-2.1	0		-1.6	
22	857.9	1432.5	-2	2.1	-0.5	-1.2	-0.2		-1.8	
22	857.6	1432.1	-2.9	0.7	-0.9	-2	-0.3		-1.7	
22	857.3	1432.1	-3.2	-0.7	-1.2	-2.2	-0.3		-1.7	
22	857	1432.2	-3.1	-0.8	-1.2	-2	-0.3	17895299	-1.7	
22	856.7	1432.5	-2.7	-1	-1	-2.2	-0.3	15509259	-1.8	
22	856.4	1432.8	-3.1	-1.5	-1	-2.2	-0.2	13684641	-1.6	
22	856.1	1432.8	-3.3	-1.9	-0.8	-2.2	-0.2	12462798	-1.3	
22	855.8	1432.7	-3	-2	-0.6	-1.4	-0.2	11504121	-1.2	
22	855.5	1432.7	-3.6	-3.4	-0.2	-2	-0.2	11019737	-1	
22	855.2	1432.8	-3.3	-3.1	0.2	-1.2	-0.2	10962042	-1	
22	854.9	1433.1	-3.6	-2.8	0.5	-1.2	-0.1	11196524	-0.9	
22	854.6	1433.4	-4	-2.8	0.8	-1.6	0	11631945	-0.8	
22	854.3	1433.6	-3.2	-1.9	0.8	-1.1	0.1	12244152	-0.8	
22	854	1433.9	-3	-1.5	0.6	-1.2	0.4	13004659	-0.8	
22	853.7	1434	-2.9	-1.8	0.4	-1.3	0.7	13774671	-0.9	
22	853.4	1434	-3.2	-2	0.2	-1.6	1	14439655	-0.8	
22	853.1	1433.8	-3.2	-1.9	0	-1.2	1	14955357	-0.8	
22	852.8	1433.6	-3.4	-2.4	-0.4	-1.4	1	15172102	-0.6	
22	852.5	1433.3	-3.3	-2.6	-0.8	-1.1	0.9	15062950	-0.7	
22	852.2	1433	-3.3	-2.9	-1.4	-0.8	0.7	15062950	-0.7	
22	851.9	1432.9	-3.1	-3	-1.4	-0.9	0.4	15395221	-0.9	
22	851.6	1432.9	-2.2	-2.9	-1.2	-0.9	-0.1	15742481	-1.5	
22	851.3	1432.9	-1.8	-2.1	-0.8	-0.8	-0.5	16357422	-2	
22	851	1432.9	-1.8	-2.1	-0.4	-1.1	-0.9	17022358	-2.4	
22	850.7	1432.9	-2	-2.1	0	-1.7	-1.3	18049569	-2.5	
22	850.4	1433.1	-1.9	-2	0.5	-1.6	-1.5	19567757	-2.4	
22	850.1	1433.3	-2.1	-2.4	0.8	-1.4	-1.5		-2.2	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
22	849.8	1433.9	-2.4	-2.2	1.4	-1.4	-1.4		-2	
22	849.5	1434.3	-3	-3.4	1.6	-1.6	-1.2		-1.5	
22	849.2	1434.5	-2.6	-2.5	1.6	-1.2	-1.1		-0.7	
22	848.9	1434.5	-3.1	-2.7	1.2	-1	-0.9		0.1	
22	848.6	1434.5	-2.9	-2.2	0.9	-0.3	-0.7		0.4	
22	848.3	1434.6	-2.3	-1.5	0.4	0.1	-0.3		0.3	
22	848	1434.6	-2.1	-1.3	0	0.1	0.2		0	
22	847.7	1434.6	-2.5	-0.8	-0.4	-0.9	0.7		-0.3	
22	847.4	1434.9	-2.7	-0.9	-0.7	-1	1.4	19567757	-0.8	
22	847.1	1434.9	-2.6	-0.8	-1.4	-1.4	1.9	18694197	-1.4	
22	846.8	1435.2	-2.1	-0.6	-1.4	-2.1	2.4	17895299	-2.1	
22	846.5	1435.5	-2.1	-0.7	-1.4	-2.6	2.8	17303719	-2.7	
22	846.2	1435.7	-2.6	-0.6	-1.3	-3.6	3	16885081	-3.1	
22	845.9	1436	-2.1	-0.3	-1.1	-3.6	3.1	16486221	-3.7	
22	845.6	1435.7	-2.4	0	-0.9	-4.2	2.6	16105769	-3.9	
22	845.3	1435.2	-1.7	0.3	-0.5	-3.8	1.7	15861743	-3.9	
22	845	1434.6	-2.6	0.3	-0.6	-3.8	0.9	15742481	-3.2	
22	844.7	1434.4	-2.1	1.1	-0.2	-2.9	0.3	15982825	-2.7	
22	844.4	1433.9	-1.6	1.5	-0.2	-2.1	-0.3	16617064	-2.3	
22	844.1	1433.7	-1.2	1.5	-0.2	-1.4	-0.7	17743644	-1.8	
22	843.8	1433.5	-1.2	1.9	-0.2	-0.5	-1	19567757	-1.3	
22	843.5	1433.4	-2.2	1.1	-0.2	-0.9	-1.2		-0.3	
22	843.2	1433.4	-2.1	0.9	0	0.2	-1.2		0.3	
22	842.9	1433.5	-1.1	2.5	0.1	1.2	-1		0.5	
22	842.6	1433.7	-1.3	2	0.3	1.4	-0.7		0.5	
22	842.3	1433.7	-1.3	2.3	0.2	1	-0.5		0.5	
22	842	1433.7	-1.5	2.5	0.5	-0.2	-0.5		0.4	
22	841.7	1433.8	-1.1	2.1	0.8	-0.1	-0.4		0.2	
22	841.4	1433.7	-1.3	1.7	1	-0.6	-0.4		-0.1	
22	841.1	1433.6	-1.1	1.8	0.9	-0.3	-0.2		-0.3	
22	840.8	1433.5	-1.6	1.6	0.9	-1	-0.1		-0.2	
22	840.5	1433.6	-2	1.2	0.7	-2	0.1		0	
22	840.2	1433.7	-1.7	1.7	0.6	-1.7	0.2		0.1	
22	839.9	1433.6	-1.4	1.9	0.1	-1.2	0.4		0.3	
22	839.6	1433.5	-0.3	3	-0.2	-0.1	0.6		0.4	
22	839.3	1433	-0.3	2.8	-0.9	-0.3	0.7		0.8	
22	839	1432.7	-0.3	1.9	-1.4	-0.1	0.9	17594538	1.1	
22	838.7	1432.3	0.1	1.9	-1.6	0.6	0.7	14641608	1.1	
22	838.4	1432	0.5	2.3	-1.6	0.7	0.5	12389053	0.9	
22	838.1	1432	1.2	3.2	-1.6	1.1	0.4	10792526	0.3	
22	837.8	1432.1	1.4	3.3	-1.5	0.7	0.3	9648618	-0.2	
22	837.5	1432.4	1.5	3.6	-1.1	0.5	0.3	8871822	-0.5	
22	837.2	1432.6	2	4.4	-0.7	0.1	0.2	8476721	-1	
22	836.9	1432.6	2.7	5.7	-0.3	0.2	0.2	8375000	-1.6	
22	836.6	1432.7	3.2	5.8	0.2	-0.1	0.1	8616255	-2.6	
22	836.3	1432.8	2.3	5.4	0.5	-1.5	0.1	9264381	-3.4	
22	836	1432.8	3.1	6	0.6	-1.5	0.1	10416667	-4.2	
22	835.7	1432.8	2.8	5.1	0.6	-3.2	0.1	12462798	-5	
22	835.4	1432.8	2.8	4.9	0.7	-3.8	0	15861743	-5.7	
22	835.1	1432.8	2.4	4.9	0.6	-4.6	-0.1		-6.4	
22	834.8	1432.6	2	4.7	0.4	-5.8	-0.3		-7.1	
22	834.5	1432.4	2.1	4.7	0.5	-6.5	-0.5		-7.4	
22	834.2	1432	1.8	3.9	0.3	-7.1	-0.7		-7.8	
22	833.9	1432.1	0.6	2.7	0.3	-6.8	-0.7		-7.5	
22	833.6	1432.3	0.3	2.9	0.7	-7.6	-0.7		-7.2	
22	833.3	1432.3	0.9	3	0.7	-6.8	-0.7		-6.7	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
22	833	1432.2	0.4	2.8	0.8	-6.8	-0.7		-5.7	
22	832.7	1432.2	-0.2	1.5	0.8	-5.9	-0.6		-4.4	
22	832.4	1432.3	-0.5	2.1	1	-4.9	-0.5		-3.2	
22	832.1	1432.2	-0.3	1.8	1.1	-3.8	-0.5		-2.2	
22	831.8	1432.1	-0.9	0.7	1	-3.1	-0.3		-0.4	
22	831.5	1432.1	-2.5	-1.3	0.7	-3.2	-0.2		1.2	
22	831.2	1431.8	-1.6	-0.4	-0.1	-0.7	-0.2	16105769	2.4	
22	830.9	1431.7	-0.9	1.3	-0.6	0.7	-0.2	13595779	3.2	
22	830.6	1431.5	0.1	2.2	-1.1	2.6	-0.2	12172965	3.7	
22	830.3	1431.2	0.3	1.4	-1.8	3.5	-0.1	11567680	4.1	
22	830	1431	0.5	1.8	-2.6	3.9	0.1	11379076	4.2	
22	829.7	1430.8	0.6	1.9	-3.1	4.3	0.4	11762641	4.2	
22	829.4	1430.7	1.8	3.3	-3.5	5.3	0.7	12612952	3.5	
22	829.1	1431.2	3.2	4.3	-3.3	6.4	1.1	13958333	2.6	
22	828.8	1431.9	2.7	4	-2.7	4.9	1.5	15742481	1.6	
22	828.5	1432.7	2.4	3.5	-2.2	3.3	1.9	17303719	0.7	
22	828.2	1433.4	2.1	3.7	-1.7	1.8	2.2	18206522	0.2	
22	827.9	1434.1	2	4	-0.9	0.4	2.5	18366228	-0.4	
22	827.6	1434.6	2.1	3.8	-0.2	-0.5	2.6	17895299	-1.2	
22	827.3	1434.9	1.3	2.7	0.4	-1.6	2.5	16885081	-1.7	
22	827	1434.9	0.9	1.2	0.8	-2.9	2.2	15861743	-2	
22	826.7	1434.7	1.3	1.6	0.8	-3.9	1.7	14955357	-2.2	
22	826.4	1434.5	0.4	0.7	0.8	-4.6	1.1	14243197	-2	
22	826.1	1434.4	0.5	0.4	0.9	-3.9	0.5	13865894	-2.1	
22	825.8	1434.2	0.9	0.4	0.9	-3.5	-0.2	13865894	-2.2	
22	825.5	1433.8	2.1	0.9	0.8	-2.4	-1	14052014	-2.2	
22	825.2	1433.4	2.2	0.8	0.7	-2.3	-1.7	14340754	-2.3	
22	824.9	1433.2	1.9	0.4	0.7	-2	-2.2	14744718	-2.2	
22	824.6	1433.1	1.8	-0.2	0.8	-2	-2.5	15062950	-2.3	
22	824.3	1433.2	2.9	0.2	1.1	-0.5	-2.5	15062950	-2.6	
22	824	1433.3	3.2	0	1.1	-0.5	-2.3	14744718	-3	
22	823.7	1433.4	2.3	0	0.9	-1.8	-1.9	14146960	-3.4	
22	823.4	1433.6	2.3	-0.8	0.8	-2	-1.3	13251582	-3.6	
22	823.1	1434	2.7	-0.1	0.8	-2.3	-0.7	12244152	-3.8	
22	822.8	1434.3	2.3	-0.5	0.8	-3.1	0.1	11196524	-4.1	
22	822.5	1434.5	2.2	-0.2	0.4	-2.8	0.9	10263481	-4.2	
22	822.2	1434.6	2	0	-0.1	-2.7	1.7	9473982	-4	
22	821.9	1434.5	0.3	-1.8	-0.7	-5.1	2.2	8871822	-3.5	
22	821.6	1434.4	1	-0.8	-1.1	-3.7	2.5	8511179	-3	
22	821.3	1434.3	0.9	0.3	-1.4	-2.9	2.5	8308532	-2.7	
22	821	1434.1	0.6	0.3	-1.5	-3.1	2.2	8243110	-2.6	
22	820.7	1433.9	0.4	-0.5	-1.5	-3.6	1.7	8275692	-2.2	
22	820.4	1433.4	0.5	0.1	-1.5	-2.7	1	8375000	-1.9	
22	820.1	1433.2	-0.4	-0.2	-1.3	-3.3	0.5	8511179	-1.4	
22	819.8	1432.8	-0.5	0	-1.1	-2.9	-0.2	8651860	-1.1	
22	819.5	1432.8	0.9	1.2	-0.6	-1	-0.6	8834388	-1	
22	819.2	1432.7	0.2	1.1	-0.3	-1.6	-0.9	9063853	-0.6	
22	818.9	1432.9	0	2.5	0	-1.5	-0.8	9389014	-0.3	
22	818.6	1433.2	-0.1	1.5	0.2	-0.9	-0.5	9829812	0	
22	818.3	1433.4	0.8	1.7	0.1	0	-0.1	10416667	0.4	
22	818	1433.5	0.4	0.3	0.1	-0.2	0.3	11256721	0.6	
22	817.7	1433.6	0.9	0.6	-0.1	0.8	0.6	12462798	0.8	
22	817.4	1433.7	0.7	0.2	0	0.5	1	14340754	0.7	
22	817.1	1433.4	1.5	0.9	-0.2	0.2	1	17022358	0.5	
22	816.8	1433.3	1.4	-0.4	-0.3	-0.3	1		0	
22	816.5	1433.1	1.6	-1.6	-0.4	-0.5	0.8		-0.4	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
22	816.2	1432.9	1.1	-1.6	-0.5	-1.4	0.5		-0.9	
22	815.9	1432.8	2.1	-0.3	-0.4	-1.4	0.1		-1.4	
22	815.6	1432.8	1.8	-0.3	-0.5	-1.6	-0.1		-1.7	
22	815.3	1432.9	2.3	0.3	-0.5	-1.7	-0.3		-2.1	
22	815	1432.7	2.2	0.1	-0.7	-2.2	-0.5		-2.3	
22	814.7	1432.4	2.6	1.3	-0.8	-2	-0.6		-2.4	
22	814.4	1432.5	3.3	2.4	-0.6	-1.8	-0.5		-2.6	
22	814.1	1432.4	3.4	2.1	-0.6	-2.4	-0.4	17895299	-2.8	
22	813.8	1432.6	3.4	3	-0.5	-1.9	-0.1	13958333	-2.9	
22	813.5	1432.8	3.4	2.9	-0.4	-2.2	0.3	11441257	-2.9	
22	813.2	1433.2	3.1	2.2	-0.1	-2.2	0.6	9922986	-2.9	
22	812.9	1433.8	2.9	0.8	0.2	-2.6	0.9	9063853	-3	
22	812.6	1434.1	3.5	1.3	0.5	-1.8	1.1	8760460	-3	
22	812.3	1434.2	2.9	1	0.6	-2.6	1.2	8909575	-3	
22	812	1434	3.7	1.9	0.6	-2.4	1	9560502	-3.2	
22	811.7	1433.7	4.4	1.5	0.6	-1.6	0.7	10737180	-3.3	
22	811.4	1433.4	3.6	0.4	0.7	-2.1	0.4	12689394	-3.3	
22	811.1	1433	3.3	1	0.5	-2.3	0	15742481	-3.2	
22	810.8	1432.7	3	0.7	0.1	-2	-0.3	19940476	-3.1	
22	810.5	1432.4	2.7	0	-0.4	-2	-0.5		-2.8	
22	810.2	1432.2	2.5	0.2	-0.8	-2.2	-0.5		-2.6	
22	809.9	1432.4	2.4	0.2	-0.9	-1.8	-0.3		-2.5	
22	809.6	1432.3	2.5	0.5	-1.3	-2	-0.1		-2.4	
22	809.3	1432.3	2.1	1.8	-1.4	-2.6	0.1	19034091	-2.2	
22	809	1432.1	1.5	0.5	-1.7	-2.8	0.3	15742481	-1.6	
22	808.7	1432.3	1.4	0.5	-1.3	-2.3	0.5	13421474	-1.2	
22	808.4	1432.5	0.8	0.2	-1.2	-2.5	0.7	11964286	-0.9	
22	808.1	1432.8	1	0.6	-0.7	-2.1	0.7	11256721	-0.7	
22	807.8	1433	0.8	0.3	-0.3	-2.1	0.7	11136968	-0.6	
22	807.5	1433.1	0.5	0.9	0.1	-2.2	0.4	11567680	-0.5	
22	807.2	1433.4	0.6	1.1	0.7	-1.7	0.2	12689394	-0.4	
22	806.9	1433.6	0.6	-0.3	1.1	-1.7	-0.1	14539931	-0.4	
22	806.6	1433.6	1.7	1.5	1.4	-0.5	-0.3	17303719	-0.4	
22	806.3	1433.3	1.8	1.8	1.5	-0.6	-0.8		-0.6	
22	806	1433.2	1.8	1.9	1.3	-0.3	-1		-0.8	
22	805.7	1433.1	2.1	1.3	0.9	-0.1	-1.1		-0.9	
22	805.4	1433	2.2	1.8	0.7	-0.1	-1		-1	
22	805.1	1432.8	1.9	1	0.4	-0.4	-0.8		-1.2	
22	804.8	1432.7	1.4	0.7	-0.2	-0.9	-0.5		-1.5	
22	804.5	1432.8	1.7	0.2	-0.6	-1.1	-0.1		-1.8	
22	804.2	1432.9	2.1	0.7	-1.1	-1.4	0.5		-1.9	
22	803.9	1433	2.3	0.7	-1.4	-1.4	1		-2.1	
22	803.6	1433.3	1.9	0.8	-1.5	-2	1.4		-2.1	
22	803.3	1433.7	1.7	-0.4	-1.3	-2.1	1.5		-2	
22	803	1433.6	1.9	0.1	-1.3	-2.4	1.3		-2	
22	802.7	1433.3	1.7	-0.6	-1.1	-2	0.9		-1.8	
22	802.4	1433.3	1.1	-1.1	-0.8	-2.2	0.5		-1.7	
22	802.1	1433.3	1.5	-1.1	-0.5	-1.4	0.1		-1.7	
22	801.8	1433.4	1.5	-1.8	-0.2	-1.8	-0.2		-1.6	
22	801.5	1433.5	1.5	-1.9	0.2	-1.6	-0.5		-1.6	
22	801.2	1433.5	1.8	-1.6	0.2	-1.1	-0.7		-1.6	
22	800.9	1433.9	1.5	-1.9	0.2	-1.2	-0.6		-1.6	
22	800.6	1434.2	2.3	-0.8	0.3	-0.7	-0.2		-1.7	
22	800.3	1434.3	2	-0.9	0.5	-1.2	0.1		-1.8	
22	800	1434.6	1.8	-1.7	0.5	-1.2	0.7		-1.9	
22	799.7	1434.6	0.8	-2.1	0.4	-2.5	1		-1.9	

KM	Metros	Ancho (mm)	Peralte (mm)	Alabeo 1 (mm)	Alin Iz. (mm)	Nivel. I (mm)	Alin De. (mm)	Radio D. (mm)	Nivel. D (mm)	Comentarios
22	799.4	1434.7	1.2	-2.5	0.5	-2.2	1.3		-2	
22	799.1	1434.6	0.8	-3.6	0.5	-2.6	1.4		-1.9	
22	798.8	1434.7	0.7	-2.9	0.6	-2.6	1.5		-1.8	
22	798.5	1434.9	0.6	-2.7			1.4		-1.7	
22	798.2	1434.6	0.8	-2.2			1		-1.6	
22	797.9	1434.1	1.2	-1.5			0.5		-1.6	
22	797.6	1433.5	1.2	-1.3			-0.1		-1.5	
22	797.3	1433.1	1.3	-1.1			-0.6		-1.5	
22	797	1432.5	1.4	-1.1			-1.1		-1.5	
22	796.7	1431.9	1.4	-0.7			-1.3		-1.5	
22	796.4	1431.7	1.1	-0.4			-1.3		-1.5	