

Número Sabó	Tipo	Diâmetro do Eixo	Diâmetro do Alojamento	Altura do Retentor	Grupo
00001	BE	81,0	117,50	14,5/19,0	B
00002	B	81,0	117,50	14,3	
00003	BE	79,4	115,85	10,1/30,5	B
00004	B	52,4	72,10	11,4	
00005	B	52,4	80,95	11,5	
00006	BA	53,8	77,70	12,7	
00007	B	98,5	144,45	19,0	
00008	B	79,4	117,40	14,3	
00009	BR	35,0	60,25	12,7	
00010	GA	58,7	84,05	9,5	
00012	BA	44,8	61,30	12,0	
00013	B	57,2	76,10	12,7	
00013	BRG	57,3	76,20	12,7	
00014	BGO	57,2	92,00	18,0	
00015	GA	47,6	75,30	6,4	
00016	B	39,7	61,20	12,7	
00017	B	31,8	42,80	9,5	
00018	BE	92,0	123,75	15,0/19,0	B
00019	BR	38,1	63,50	12,7	
00021	B	60,3	88,40	11,0	
00022	BAE	43,7	71,90	9,0/21,6	B
00023	BAE	43,7	72,10	9,0/21,6	B
00025	B	85,7	119,00	12,7	
00026	GA	35,0	61,80	7,5	
00028	B	31,7	50,70	11,0	
00029	BAE	39,7	80,20	6,4/15,0	B
00030	B	66,7	92,00	12,0	
00033	B	35,0	63,50	12,7	
00037	B	53,9	73,00	12,7	
00039	BAGE	50,8	115,90	14,3	O
00042	BR	135,0	189,95	15,0	
00043	BA	100,0	130,00	13,0	
00044	BR	62,0	85,00	13,0	
00045	B	95,0	125,00	13,0	
00046	BR	75,0	95,10	13,0	
00047	B	52,0	72,00	12,0	
00047	BAGF	52,0	72,00	12,0	
00048	BR	50,8	76,25	12,7	
00049	B	38,1	60,30	12,7	
00049	BAG	38,1	60,30	12,7	
00049	BAGE	38,1	60,30	12,7/17,7	B
00051	BRP	65,0	90,00	10,0	
00054	BR	28,6	39,70	9,5	
00056	B	28,6	46,55	11,3	
00058	B	65,8	88,40	12,7	
00063	BRG	45,0	62,00	10,0	
00065	GA	62,0	92,00	9,5	
00066	BAG	39,4	62,00	14,0	
00069	B	44,5	69,80	12,7	
00070	BA	58,7	85,00	8,0	
00072	BA	49,2	69,90	9,5	
00078	BAE	49,2	80,10	8,1/22,2	B
00081	B	69,9	98,45	12,7	

Número Sabó	Tipo	Diâmetro do Eixo	Diâmetro do Alojamento	Altura do Retentor	Grupo
00083	B	41,3	61,90	12,0	
00085	B	87,3	120,80	14,3	
00087	B	72,2	100,00	12,7	
00089	B	9,5	25,35	9,5	
00092	BGOE	47,6	70,65	14,4/16,7	B
00093	BA	53,9	76,15	12,7	
00096	MFE	62,7	84,05	8,0/12,7	P
00097	BRE	44,8	61,30	2,7/12,0	K
00098	B	73,0	95,20	12,7	
00099	B	119,0	146,00	14,3	
00100	B	22,2	38,10	9,5	
00101	B	44,5	63,55	12,7	
00109	B	57,2	80,00	12,7	
00114	GR	31,7	42,85	5,0	
00116	B	73,0	101,60	12,7	
00117	GR	28,6	39,75	4,7	
00118	BAG	22,0	35,00	10,0	
00119	GA	15,9	23,80	4,8	
00120	BAG	63,5	88,90	12,7	
00121	BA	27,0	41,80	7,1	
00122	GA	28,5	36,50	7,0	
00123	B	101,6	126,90	12,7	
00125	B	114,3	139,65	14,3	
00127	B	29,4	46,45	10,0	
00128	BR	44,5	66,65	12,7	
00129	BR	12,7	25,40	9,5	
00131	BR	30,0	47,00	10,0	
00133	BR	41,3	63,55	12,7	
00134	B	81,0	114,20	12,0	
00136	BA	35,0	62,00	12,0	
00141	BA	25,4	38,05	10,0	
00145	B	25,4	46,45	9,5	
00146	B	57,2	79,30	12,7	
00150	BA	22,2	33,15	10,3	
00155	B	47,6	69,80	12,7	
00156	B	15,9	28,55	9,5	
00156	BRO	15,9	28,55	9,5	A
00157	BA	49,2	63,50	9,5	
00158	B	19,0	38,05	10,0	
00159	BR	19,0	35,00	10,0	
00160	BR	165,0	190,00	12,9	
00161	BRG	48,0	72,00	10,0	
00162	BR	50,0	71,85	12,0	
00164	BAG	65,0	90,00	13,0	
00164	BR	65,0	90,00	13,0	
00166	BR	39,7	62,00	12,0	
00168	BAE	60,3	91,40	6,4/15,3	B
00170	BA	32,0	44,25	9,0	
00177	GE	68,3	85,55	5,3/14,8	K
00181	BE	73,0	104,70	9,6/20,6	B
00188	BA	57,3	84,00	8,0	
00191	BR	25,0	41,10	9,5	
00198	BA	8,0	17,45	8,0	

Número Sabó	Tipo	Diâmetro do Eixo	Diâmetro do Alojamento	Altura do Retentor	Grupo
00203	BR	38,1	54,10	11,0	
00211	BGO	149,2	181,00	12,7	
00214	BR	35,0	53,95	11,0	
00218	B	36,5	57,05	12,7	
00219	BR	44,0	76,10	12,7	
00220	BAE	47,8	60,90	6,4	B
00221	B	79,4	104,65	12,7	
00222	BAG	44,7	61,20	9,5	
00223	BR	60,0	80,00	10,0	
00224	BRGE	22,1	40,00	12,0/17,0	K
00224	BRGP	22,1	40,00	12,0/17,0	A
00224	BRGP	22,1	40,00	12,0/17,0	A
00228	BAG	68,0	90,00	10,0	
00229	B	49,2	80,90	11,0	
00231	BRG	53,9	81,10	12,0	
00248	BR	142,9	171,05	14,3	
00250	BR	120,7	146,05	12,5	
00250	BRP	120,7	146,05	12,5	
00254	BAO	38,1	57,10	11,0	A
00258	GA	35,0	57,90	6,4	
00262	B	28,0	47,00	10,0	
00262	BA	28,0	47,00	10,0	
00264	BR	47,7	62,10	8,0	
00265	BR	40,0	56,10	12,0	
00266	BR	25,0	47,00	10,0	
00268	BR	190,0	220,00	14,8	
00268	BRP	190,0	220,00	14,8	
00269	BAGS	75,0	100,00	12,0/13,0	
00269	BR	75,0	100,00	12,0	
00272	BRG	45,0	60,00	7,0	
00273	B	57,2	85,00	12,7	
00274	BGO	50,8	81,00	11,9	
00276	B	44,5	73,00	12,0	
00283	BR	25,4	36,40	6,4	
00284	BR	35,0	55,50	6,4	
00285	BA	27,0	38,10	6,4	
00286	BR	15,9	25,40	4,5	
00287	GF	23,6	38,10	9,6	Q
00288	BR	42,0	56,00	7,0	
00289	BA	12,0	22,00	7,0	
00291	B	49,2	76,05	12,7	
00291	BR	49,2	76,05	12,7	
00293	BR	14,3	28,50	6,4	
00294	BR	22,0	35,00	6,7	
00300	B	89,0	114,30	11,5	
00302	B	46,0	62,00	7,0	
00305	BAG	60,0	78,05	8,8	
00309	B	127,0	158,70	12,7	
00310	B	127,0	165,10	16,0	
00311	B	12,7	28,50	9,5	
00321	BA	57,2	82,50	12,7	
00322	BA	33,3	46,40	9,5	
00323	BGO	74,6	101,60	17,4	

Número Sabó	Tipo	Diâmetro do Eixo	Diâmetro do Alojamento	Altura do Retentor	Grupo
00327	BF	25,4	44,50	14,3	A
00329	BA	19,0	28,50	6,4	
00334	BAG	60,3	92,00	12,0	
00334	BAGE	60,3	92,00	12,0/18,0	B
00338	BGO	19,0	31,85	9,5	
00342	GAG	17,0	28,55	6,4	A
00343	BR	31,7	44,50	8,0	
00344	BE	15,0	25,00	8,1/19,0	D
00357	B	76,2	101,65	12,0	
00357	BA	76,2	101,65	12,0	
00358	BR	30,0	50,00	10,0	
00359	BR	45,0	65,00	10,0	
00360	BA	20,0	40,00	10,00	
00361	BA	42,0	62,00	12,0	
00366	B	92,0	126,85	12,7	
00368	BAG	47,6	62,70	11,1	
00369	BR	66,7	88,90	12,7	
00371	B	60,3	85,00	12,0	
00373	GA	39,1	62,20	6,4	
00375	BA	15,9	35,00	10,0	
00376	B	69,8	95,20	12,7	
00377	BB	76,2	101,60	19,0	A
00378	B	63,5	89,90	12,0	
00379	BR	66,7	95,25	12,7	
00405	B	47,6	66,55	12,7	
00420	BR	125,0	150,10	13,0	
00421	BAGG	73,0	101,60	11,5	A
00423	BR	70,0	100,00	12,0	
00434	B	66,7	112,65	11,0	
00436	B	54,0	79,35	12,7	
00436	BAG	54,0	79,35	12,7	
00436	BAGE	54,0	79,35	12,7/19,0	B
00439	BR	100,0	162,10	15,0	
00442	BR	92,1	123,95	15,8	
00448	BA	25,4	34,90	6,4	
00455	BA	30,2	47,00	8,0	
00456	BA	57,0	69,80	6,4	
00459	BR	55,0	80,00	10,0	
00460	BR	62,0	85,00	10,0	
00461	BE	79,0	210,00	25,4	O
00463	BR	25,0	52,00	10,0	
00466	B	79,4	109,90	13,0	
00468	B	50,8	69,80	12,7	
00469	B	25,0	40,00	10,0	
00470	GA	38,1	50,75	5,5	
00474	GAE	60,2	84,05	8,0/12,7	B
00477	BA	32,0	57,05	9,5	
00479	BR	38,0	52,00	10,0	
00479	BRG	38,0	52,00	10,0	
00480	BA	82,0	105,00	13,0	
00482	GAF	7,8	14,60	4,8	
00484	BA	30,0	50,05	12,0	
00485	BA	35,0	47,00	7,0	

Número Sabó	Tipo	Diâmetro do Eixo	Diâmetro do Alojamento	Altura do Retentor	Grupo
00486	BA	38,0	50,00	7,0	
00490	BR	70,0	90,00	13,0	
00491	B	105,0	130,00	13,0	
00492	BA	35,0	56,05	12,0	
00495	BA	32,0	45,00	7,0	
00496	BRG	18,0	30,00	7,0	
00497	BRG	90,0	120,00	13,0	
00498	BR	55,0	80,00	13,0	
00499	BR	25,0	50,10	10,0	
00500	BAG	68,0	90,00	13,0	
00500	BAGF	68,0	90,00	13,0	
00500	BAGP	68,0	90,00	13,0	
00501	BR	60,0	75,05	8,0	
00502	BR	140,0	170,00	13,0	
00503	BR	28,0	52,10	10,0	
00504	BGO	80,0	100,00	13,0	
00505	BR	20,0	30,00	7,0	
00505	BRE	20,0	30,00	0,9/7,0	K
00506	BR	25,0	43,05	10,0	
00508	BA	17,0	28,00	7,0	
00508	BAG	17,0	28,00	7,0	
00509	BR	45,0	72,00	12,0	
00510	BRX	16,0	35,00	12,0	G
00514	BR	115,0	140,00	13,0	
00515	GA	15,0	30,00	5,0	
00516	B	110,0	139,95	13,0	
00516	BG	110,0	139,95	13,0	
00517	BR	60,0	90,00	10,0	
00519	BA	31,0	41,00	9,5	
00520	BR	35,0	47,05	10,0	
00521	BR	42,0	62,10	10,0	
00522	BRG	48,0	72,10	7,0	
00524	NEO	24,3	39,50	9,2	N
00527	B	48,0	65,00	10,0	
00533	BA	42,8	68,15	10,7	
00536	B	108,0	133,25	12,0	
00541	B	14,3	28,50	9,5	
00546	BR	119,0	162,10	15,0	
00547	B	59,5	85,60	12,0	
00554	BA	44,5	79,90	11,1	
00556	GB	59,9	85,50	17,5	A
00561	BAG	42,0	64,90	12,0	
00563	BR	54,0	72,00	8,0	
00564	BR	42,8	63,35	9,5	
00566	BA	48,0	62,00	8,0	
00569	B	19,0	31,70	6,4	
00569	BR	19,0	31,70	6,4	
00572	BR	22,3	34,95	6,4	
00573	B	74,0	114,00	11,0	
00577	BGOP	89,0	111,10	12,7	
00581	BR	28,6	39,65	6,4	
00586	BRG	50,9	69,80	9,5	
00588	B	44,5	68,15	12,7	

Número Sabó	Tipo	Diâmetro do Eixo	Diâmetro do Alojamento	Altura do Retentor	Grupo
00593	B	82,0	104,70	14,3	
00604	BR	43,0	62,00	10,0	
00607	B	28,2	43,00	9,1	
00608	B	17,8	35,00	9,5	
00609	BR	75,0	100,00	10,0	
00610	BR	80,0	100,00	10,0	
00612	BR	84,0	110,05	16,0	
00615	BR	36,0	56,00	10,0	
00616	BR	102,0	130,00	13,0	
00618	BAG	85,0	110,00	14,0	
00620	B	55,0	75,00	12,0	
00626	BGO	41,1	62,00	16,0	
00630	B	50,8	73,00	12,7	
00631	B	101,6	130,05	14,3	
00634	BAG	28,6	44,50	11,0	
00642	B	88,9	126,90	12,7	
00644	B	82,5	107,85	11,9	
00644	BGO	82,5	107,85	11,9	
00649	B	136,5	168,25	15,9	
00649	BGO	136,5	168,25	15,9	
00650	B	106,4	126,90	12,0	
00651	B	66,7	88,35	12,7	
00652	BG	63,5	88,90	17,8	
00653	B	50,0	69,60	12,7	
00660	B	50,8	80,00	12,7	
00674	B	47,7	72,95	12,0	
00688	BAP	120,0	140,00	13,0	
00692	B	41,3	66,55	12,7	
00694	B	35,0	53,90	9,5	
00695	GB	44,5	85,60	16,0	A
00701	B	30,0	50,75	11,0	
00708	BR	49,2	65,00	8,0	
00709	BR	25,0	44,90	5,0	
00712	BR	20,0	32,00	6,0	
00713	GA	28,0	34,90	5,0	
00714	BA	19,0	41,25	8,0	
00715	BA	20,0	34,95	6,0	
00716	B	14,3	25,40	9,5	
00719	MGE	17,0	39,80	0,6/3,5	K
00726	BR	16,3	24,00	7,0	
00734	BR	44,5	57,15	9,4	
00735	B	57,1	80,00	13,0	
00737	BA	88,0	110,00	13,0	
00744	BBO	104,8	139,60	14,3	A
00745	BGO	18,7	34,90	8,7	
00749	BA	44,5	54,00	4,8	
00752	BA	50,8	79,90	10,0	
00757	F	26,1	36,07	8,0	Q
00758	BR	35,0	52,10	12,0	
00760	BR	20,0	35,00	10,0	
00761	BR	22,0	40,00	7,0	
00762	BR	31,0	47,00	7,0	
00763	BR	24,0	47,00	7,0	

Número Sabó	Tipo	Diâmetro do Eixo	Diâmetro do Alojamento	Altura do Retentor	Grupo
00764	BA	10,0	30,00	7,0	
00766	BA	15,0	30,00	8,0	
00767	BA	20,0	31,95	5,0	
00768	B	25,4	38,00	8,0	
00768	BGO	25,4	38,00	8,0	
00769	BA	22,0	31,85	5,0	
00770	B	25,0	62,00	10,0	
00771	BA	28,5	50,70	10,0	
00772	BA	30,0	55,00	12,0	
00774	B	31,7	50,70	9,5	
00775	BA	44,0	79,90	12,0	
00776	BA	55,0	101,60	10,0	
00780	BR	125,0	160,00	12,0	
00784	BR	19,0	35,00	7,0	
00785	BA	26,0	43,00	10,0	
00788	BAG	25,0	35,00	10,0	
00789	BA	35,0	50,00	10,0	
00789	BR	35,0	50,00	10,0	
00790	BR	15,0	24,00	7,0	
00793	BA	55,0	90,00	10,0	
00795	BR	16,0	30,00	10,0	
00796	BR	16,0	32,00	7,0	
00797	BR	36,0	54,00	7,0	
00798	BA	19,0	31,90	7,0	
00800	BA	35,0	62,00	9,5	
00801	BR	32,0	52,10	10,0	
00803	BAG	110,0	130,00	13,0	
00803	BAS	110,0	130,00	13,0	
00803	BRGS	110,0	130,00	13,0	
00804	BR	55,0	75,00	10,0	
00805	BGO	62,0	85,00	11,9	
00807	BA	6,4	16,05	6,4	
00810	BA	30,0	40,00	8,0	
00813	BA	30,0	42,95	9,5	
00813	BAG	30,0	42,95	9,5	
00815	BR	22,0	42,00	10,0	
00817	BR	30,0	56,00	12,0	
00818	BR	60,0	80,00	13,0	
00819	BR	78,0	110,00	13,0	
00821	BR	19,0	31,80	6,4	
00822	BA	35,0	45,00	7,0	
00824	B	30,0	52,00	12,0	
00828	BR	17,0	35,00	10,0	
00829	BR	24,0	38,00	9,0	
00832	BR	30,0	45,00	12,0	
00834	BR	50,0	72,08	10,0	
00837	B	40,0	70,00	12,0	
00838	B	53,0	75,00	12,0	
00839	BR	32,0	50,00	8,0	
00843	B	52,4	69,80	12,7	
00844	B	25,4	44,45	8,3	
00847	BAG	30,0	42,00	7,0	
00848	GA	47,5	76,05	9,5	

Número Sabó	Tipo	Diâmetro do Eixo	Diâmetro do Alojamento	Altura do Retentor	Grupo
00849	BA	46,3	66,60	6,4	
00853	BR	17,0	35,00	7,0	
00858	F	60,0	77,00	7,0	Q
00860	F	45,0	58,00	6,0	Q
00866	BR	70,0	100,00	10,0	
00867	BR	52,0	80,05	10,0	
00871	BGO	39,7	68,15	11,1	
00877	BR	44,5	60,30	9,5	
00879	BR	35,0	52,30	9,5	
00880	BR	40,0	56,00	8,0	
00888	GA	19,0	25,40	3,2	
00891	BRG	69,8	92,00	14,2	
00893	BA	75,0	90,00	12,0	
00897	BR	40,0	60,00	12,0	
00900	BR	80,0	110,00	12,0	
00903	BA	65,0	88,45	12,7	
00904	BRGE	40,1	52,00	2,5/8,5	K
00906	BR	70,0	85,00	8,0	
00907	BR	63,5	76,10	9,5	
00909	BR	20,0	47,10	10,0	
00911	BRG	30,0	50,00	11,0	
00912	BRG	35,0	52,00	12,0	
00913	BR	40,0	80,10	10,0	
00916	BA	15,0	28,00	7,0	
00918	BR	20,0	36,00	10,0	
00919	BR	56,0	85,00	13,0	
00922	BR	20,0	40,30	10,0	
00924	BR	40,0	57,00	12,0	
00925	BA	25,0	42,00	8,0	
00926	BR	65,0	85,10	10,0	
00932	BR	28,6	39,75	7,0	
00934	B	25,4	41,25	9,5	
00937	B	22,2	34,95	8,0	
00937	BAG	22,2	34,85	8,0	
00937	BG	22,2	34,95	8,0	
00946	BR	50,0	70,00	10,0	
00947	BR	28,0	47,50	9,5	
00949	BR	30,0	52,00	10,0	
00950	B	28,6	50,30	9,5	
00951	GA	41,3	75,75	6,4	
00952	BR	30,0	52,00	8,0	
00953	BR	20,0	32,10	7,0	
00954	BAE	38,0	50,00	10,0/16,0	A
00955	BAG	22,0	35,00	9,0	
00959	B	19,0	34,90	9,5	
00961	B	28,6	52,30	9,5	
00962	BR	35,0	50,00	8,0	
00962	BRGP	35,0	50,00	8,0	
00963	BAG	20,5	41,20	5,0	
00964	B	55,0	90,00	12,5	
00969	BR	35,0	47,05	9,0	
00974	BA	52,4	76,10	7,9	
00974	GAO	52,4	76,00	7,9	A

Número Sabó	Tipo	Diâmetro do Eixo	Diâmetro do Alojamento	Altura do Retentor	Grupo
00977	BR	60,0	82,00	12,0	
00979	BRGE	40,1	52,00	3,5/9,0	K
00980	BA	16,0	28,00	7,0	
00981	GA	12,7	25,35	6,4	
00989	BAG	19,0	31,75	8,0	
00992	BRG	22,0	40,00	8,0	
00994	BA	20,0	40,00	7,0	
00994	BRG	20,0	40,00	7,0	
00995	BA	38,2	63,50	11,1	
00998	BR	8,5	16,00	6,5	
01004	BAG	35,5	58,20	13,0	
01007	BABEP	60,2	85,74	22,9	I
01008	BAGEP	54,0	81,10	22,9	I
01009	BR	25,4	44,60	6,4	
01012	BGO	54,0	77,75	19,0	
01017	BR	49,0	75,00	11,0	
01019	BR	25,0	38,00	6,4	
01020	B	28,0	50,00	12,0	
01022	BR	28,6	38,00	7,0	
01028	BE	60,5	149,40	11,5	O
01033	BB	38,1	63,45	19,0	A
01035	GR	55,0	68,00	4,0	
01038	B	45,0	85,00	13,0	
01040	BA	33,3	69,40	7,9	
01041	B	35,0	47,55	9,5	
01043	B	94,9	129,95	13,0	
01044	BAG	74,0	90,00	10,0	
01045	BRG	26,0	37,00	7,0	
01046	BAG	40,0	56,00	10,0	
01048	BR	34,5	48,05	8,8	
01049	BRE	46,0	76,20	9,5/12,7	B
01050	BR	60,4	79,35	9,3	
01050	BRGS	60,4	79,35	9,3	
01051	BR	15,0	35,10	10,0	
01058	BR	15,0	35,00	7,0	
01063	BA	30,2	62,00	12,0	
01064	MV	50,8	58,00	11,5	E
01067	BR	10,8	22,20	5,4	
01072	BA	17,0	28,00	6,0	
01072	BR	17,0	28,00	6,0	
01074	BRG	13,0	26,00	9,0	
01076	B	15,0	28,55	8,0	
01077	BBOE	50,0	81,00	18,0/53,0	B
01081	BR	42,0	72,00	12,0	
01089	BRX	22,0	45,00	12,0	G
01090	BRXE	143,0	150,00	27,0	G
01091	GB	73,0	101,65	17,4	A
01093	BR	9,5	19,20	7,0	
01095	BRG	44,5	62,00	11,0	
01097	BR	12,7	30,00	8,0	
01100	BAG	41,1	65,40	13,0	
01102	NXE	5,0	35,00	14,0	G
01103	B	108,0	133,25	9,5	

Número Sabó	Tipo	Diâmetro do Eixo	Diâmetro do Alojamento	Altura do Retentor	Grupo
01103	GB	108,0	133,30	9,5	A
01104	FE	58,4	-	10,2	Q
01107	BR	18,0	40,00	9,0	
01109	BR	40,0	62,00	11,5	
01109	BRG	40,0	62,00	11,5	
01110	BR	19,3	29,10	6,4	
01111	BRGE	46,0	65,50	9,0/13,2	B
01112	BR	22,0	38,05	8,0	
01113	BRG	17,0	35,30	7,0	
01116	BR	40,0	60,00	10,0	
01118	B	25,0	38,00	8,0	
01119	BAG	44,2	71,45	14,8	
01125	BBO	63,5	89,90	22,2	A
01129	GAE	20,0	47,00	10,0/12,7	A
01129	GRO	20,0	47,00	10,0/12,7	A
01132	GR	111,3	142,85	4,8	I
01135	BR	70,0	90,00	10,0	
01135	BRGS	70,0	90,00	10,0	
01135	BRP	70,0	90,00	10,0	
01140	BR	47,0	62,10	8,0	
01141	BR	45,0	66,20	6,0	
01147	BRG	48,0	65,10	7,0	
01148	BR	79,4	114,30	12,7	
01149	BA	31,8	44,50	6,5	
01149	BR	31,7	44,50	6,5	
01151	BRG	26,0	42,00	10,0	
01152	GR	35,0	46,50	4,8	
01154	B	31,7	44,50	9,5	
01155	B	40,0	55,00	9,0	
01156	GR	25,4	44,60	5,0	
01157	BR	34,0	62,10	10,0	
01160	BR	65,0	80,00	8,0	
01170	BAE	20,0	40,00	0,9/6,5	K
01175	BA	15,9	25,35	6,4	
01180	BR	55,0	85,00	13,0	
01181	BR	55,0	70,00	8,0	
01182	BR	30,0	72,00	9,5	
01183	BR	75,0	105,00	13,0	
01185	BAX	82,5	114,30	14,3	G
01187	BR	52,4	68,00	10,5	
01188	BR	28,4	45,00	8,5	
01189	BR	20,0	38,10	10,0	
01193	BR	130,0	160,00	12,0	
01194	BR	60,0	85,10	12,7	
01195	B	82,6	107,90	14,3	
01199	GB	49,0	76,00	17,4	A
01207	BAG	45,0	67,90	12,0	
01214	BR	24,0	37,00	7,0	
01219	BRGE	38,0	52,00	3,6/9,0	K
01235	BR	19,0	42,10	7,0	
01241	BAG	49,0	65,00	10,0	
01245	BR	20,0	40,00	6,0	
01247	BA	55,0	76,00	12,0	

Número Sabó	Tipo	Diâmetro do Eixo	Diâmetro do Alojamento	Altura do Retentor	Grupo
01251	BGO	92,1	123,85	21,0	
01252	BGO	101,6	139,75	14,3	
01253	B	89,0	114,25	12,7	
01254	BAG	20,7	34,85	11,9	
01257	B	95,3	120,55	12,7	
01262	BAG	49,0	68,00	12,0	
01265	BAG	40,0	56,00	9,0	
01266	BAG	40,0	65,00	12,0	
01268	BA	105,0	142,90	12,7	
01273	BA	30,0	62,00	10,1	
01276	GRE	39,5	54,50	3,0/16,0	K
01278	BA	54,0	65,00	8,0	
01284	B	38,1	50,30	11,1	
01289	GRE	45,0	58,25	5,0/18,0	K
01295	GR	25,0	40,00	5,0	
01299	BR	28,6	38,06	6,0	
01301	BA	79,0	111,55	10,7	
01302	B	25,4	47,55	11,1	
01306	GR	44,5	63,40	4,8	
01310	BAG	32,0	42,00	7,0	
01318	B	38,0	69,95	12,7	
01322	BR	40,0	62,10	10,0	
01323	GAE	35,0	45,60	2,5/5,6	I
01327	BAG	25,4	38,00	9,5	
01328	BA	20,0	31,20	7,5	
01340	BR	50,0	68,00	10,0	
01341	BR	24,0	40,10	10,0	
01343	BAG	34,9	63,00	13,0	
01344	BR	45,0	64,95	12,0	
01345	BA	60,3	85,05	6,4	
01348	BR	15,0	30,00	10,0	
01353	BRG	32,0	51,90	12,0	
01355	BR	38,1	50,10	7,0	
01356	BAG	25,4	38,10	6,3	
01356	BAG	25,4	38,10	6,3/8,8	A
01362	B	133,4	165,10	15,9	
01366	B	35,0	72,00	10,0	
01369	BA	47,6	70,55	13,5	
01370	BA	31,9	44,00	9,0	
01371	BAG	35,0	54,85	11,0	
01375	BR	100,0	120,00	11,0	
01377	B	31,7	52,30	9,5	
01378	B	41,3	61,80	12,7	
01386	BRG	20,0	35,00	8,0	
01389	BAG	14,0	24,00	7,0	
01392	BAG	60,0	80,00	12,0	
01393	BA	25,4	50,70	10,2	
01395	B	34,9	52,30	9,5	
01396	BA	38,1	55,55	6,4	
01397	BA	25,0	44,95	7,0	
01400	BR	18,0	47,00	8,0	
01401	BB	24,6	46,40	14,7	A
01402	F	17,5	-	3,2	Q

Número Sabó	Tipo	Diâmetro do Eixo	Diâmetro do Alojamento	Altura do Retentor	Grupo
01404	BR	20,0	35,10	4,0	
01405	GA	25,4	34,80	5,0	
01407	BR	19,0	36,05	8,5	
01408	BA	63,0	81,00	10,0	
01412	B	114,3	152,40	12,7	
01415	BRG	17,0	35,00	10,0	
01416	BAG	90,0	110,05	13,0	
01419	GA	40,0	50,00	4,0	
01420	BR	12,0	28,10	7,0	
01421	BR	36,0	54,00	7,5	
01422	BR	50,0	65,00	8,0	
01423	BR	8,0	18,00	5,0	
01424	BR	150,0	180,00	15,0	
01425	BA	62,0	100,05	17,0	
01427	BR	110,0	180,00	15,0	
01432	GA	38,0	52,25	6,2	
01445	BA	12,0	32,00	7,0	
01454	BGO	65,0	88,30	12,7	
01455	BA	19,0	28,65	4,7	
01456	BRE	24,0	62,00	3,0/12,0	K
01460	B	47,6	82,80	11,0	
01462	B	63,5	110,00	13,0	
01464	BA	17,0	31,20	7,5	
01465	BA	19,0	41,30	11,0	
01466	MFBE	114,0	174,40	16,0	R
01468	B	108,0	136,50	12,7	
01479	BR	11,1	25,40	6,0	
01481	BA	22,0	41,25	8,0	
01489	BGO	65,0	92,00	17,8	
01491	BA	40,2	52,00	7,0	
01492	BR	17,0	40,00	8,5	
01493	BR	15,9	28,50	7,0	
01495	BR	28,0	40,00	7,0	
01495	BRF	28,0	40,00	7,0	
01495	BRS	28,0	40,00	7,0	
01496	BR	17,5	28,30	7,0	
01502	BA	35,0	44,50	7,0	
01505	BR	42,0	65,05	10,0	
01506	BF	42,0	65,00	12,0	
01507	BR	24,0	42,00	10,0	
01508	B	12,7	25,30	9,5	
01509	BR	34,0	52,00	7,5	
01511	BR	17,0	35,00	8,0	
01515	BR	25,0	36,00	7,0	
01519	BR	47,6	79,25	10,0	
01526	BRG	35,0	46,45	6,4	
01527	BA	19,0	30,10	7,5	
01532	BR	44,5	65,05	8,0	
01534	F	42,0	-	10,0	Q
01535	BR	30,0	40,00	7,0	
01536	BA	38,1	47,60	6,4	
01539	GA	28,6	34,90	3,2	
01541	BAG	63,5	85,55	12,7	

Número Sabó	Tipo	Diâmetro do Eixo	Diâmetro do Alojamento	Altura do Retentor	Grupo
01543	BA	25,0	35,00	7,0	
01543	BR	25,0	35,00	7,0	
01546	GRX	46,0	65,57	11,1	G
01547	BGO	25,4	50,75	15,8	
01549	BR	100,0	125,00	12,0	
01550	BR	55,0	72,00	10,0	
01550	BRP	55,0	72,00	10,0	
01551	BR	35,0	58,00	10,0	
01552	BR	44,0	60,00	10,0	
01553	BR	45,0	72,00	9,5	
01554	BRG	22,0	32,00	7,0	
01556	BR	25,0	40,00	8,0	
01557	BR	55,0	70,10	11,5	
01559	BR	12,7	22,20	8,0	
01563	BA	32,0	47,50	6,4	
01566	BAO	20,0	30,00	4,0/7,0	A
01571	BBR	82,6	107,85	16,0	A
01575	GGO	44,5	57,07	10,9	A
01576	BAG	16,0	22,10	6,4	
01577	BR	25,0	37,10	7,3	
01580	B	28,0	42,00	7,0	
01581	BGO	30,0	72,00	10,0	
01587	BR	8,0	22,00	8,0	
01589	BR	33,0	52,00	6,0	
01595	BAGE	50,8	116,02	16,2	O
01602	BAG	40,0	72,00	12,0	
01603	BRG	33,0	50,00	6,0	
01604	BR	25,0	42,00	6,0	
01608	BR	37,0	50,00	10,0	
01613	GA	23,3	59,95	6,4	
01614	BRGO	9,0	23,20	3,2	D
01625	BR	27,0	42,00	10,0	
01630	BAG	31,7	42,80	7,9	
01632	FE	104,8	-	3,2	Q
01633	ME	111,3	174,50	4,0	R
01635	BR	28,6	57,15	9,5	
01637	GA	55,1	82,00	10,0	
01651	MFE	25,4	-	6,5/10,0	P
01656	BR	44,5	70,00	10,0	
01657	BA	38,0	57,00	7,0	
01659	BA	38,1	50,75	9,5	
01660	BAGE	39,4	80,20	6,4/11,8	A
01661	BAG	28,6	42,95	6,5	
01662	GAE	9,0	16,00	9,0/15,0	A
01666	BR	24,0	36,00	6,0	
01667	BR	30,0	42,05	8,0	
01669	BR	55,0	100,00	12,7	
01671	GA	50,8	65,10	12,7	
01672	BR	10,0	22,00	7,0	
01673	BA	75,0	95,00	5,0	
01676	BR	185,0	210,00	13,0	
01677	BR	15,0	30,00	7,0	
01678	GRX	39,7	68,15	13,0	G

Número Sabó	Tipo	Diâmetro do Eixo	Diâmetro do Alojamento	Altura do Retentor	Grupo
01679	BRG	44,5	68,20	15,9	
01679	BRGS	44,5	68,20	15,9	
01680	F	31,0	45,20	6,4	Q
01683	GA	26,3	33,30	3,2	
01684	BRGGG	40,0	62,00	12,0	A
01685	BR	6,4	19,10	6,4	
01687	BA	74,9	100,00	13,0	
01689	GB	66,7	101,60	17,4	A
01692	MFE	19,0	26,80	6,0	P
01694	BA	20,0	40,00	4,0	
01694	BAP	20,0	40,00	4,0	
01695	BR	30,0	47,00	6,0	
01698	B	31,7	50,30	11,1	
01699	BR	47,6	69,85	9,5	
01700	GR	15,9	30,30	4,5	
01703	GR	31,7	51,00	5,0	
01707	BRG	40,0	55,00	8,0	
01710	BAG	38,0	73,95	11,0	
01711	BRG	45,0	63,95	9,0	
01712	BAG	24,6	39,90	8,0	
01715	BR	32,0	43,00	7,0	
01716	BR	22,0	35,00	7,0	
01717	GA	14,0	23,90	6,0	
01718	BR	20,0	34,05	7,0	
01721	BR	100,0	130,00	12,0	
01721	BRGP	100,0	130,00	12,0	
01722	BAE	24,6	44,50	1,5/7,9	B
01723	BAE	19,9	44,40	1,6/7,9	B
01724	BAE	27,0	42,70	1,2/7,9	B
01725	BR	17,0	32,00	7,0	
01726	BR	32,0	45,00	6,0	
01727	BR	22,0	32,00	5,5	
01727	BR	22,0	32,00	5,5	
01735	BE	125,0	150,00	15,0	A
01735	BG	125,0	150,00	15,0	
01735	BG	125,0	150,00	15,0	A
01737	BR	11,0	17,00	4,0	
01738	B	45,0	60,00	10,0	
01739	B	110,3	133,30	12,0	
01740	B	50,0	65,00	10,0	
01741	GE	10,0	19,35	2,3/7,5	A
01742	BR	35,0	52,10	10,0	
01743	BS	30,0	52,00	9,0	
01744	B	32,0	52,00	9,0	
01745	BR	40,0	55,15	10,0	
01746	B	20,0	42,00	10,0	
01747	G	10,7	-	1,5/2,5	J
01751	BRG	27,0	40,00	7,0	
01755	BA	60,2	85,75	9,5	
01756	GAG	44,5	59,25	6,0	A
01759	GR	40,0	56,00	8,5	
01760	GR	45,0	62,00	8,0	
01762	BAGF	68,0	90,00	13,0	

Número Sabó	Tipo	Diâmetro do Eixo	Diâmetro do Alojamento	Altura do Retentor	Grupo
01764	BAGG	46,0	65,50	7,0/8,5	K
01764	BRG	46,0	65,50	7,0	
01765	BRE	25,6	42,00	7,0/10,3	A
01767	BR	85,0	110,00	12,0	
01769	BR	18,0	35,00	10,0	
01770	B	118,0	140,00	13,0	
01774	BRG	105,0	135,00	15,0	
01777	GA	20,0	35,00	4,5	
01778	GR	26,0	40,00	5,0	
01779	B	22,0	47,00	9,0	
01783	BRG	50,0	65,00	8,5	
01784	BRO	17,0	28,00	8,0	A
01785	GA	26,8	29,95	1,9	
01786	BRG	38,0	53,05	8,5	
01790	B	63,5	82,50	12,7	
01791	BF	87,3	114,30	22,2	A
01792	BRE	30,0	72,00	2,5/10,5	K
01793	BR	48,0	66,10	12,0	
01794	BAGE	52,0	114,00	13,0	O
01795	BAGE	58,0	120,00	12,8	O
01796	MA	52,4	61,20	11,5	E
01797	NOP	11,0	17,00	8,7/12,0	F
01798	BAG	58,0	85,00	13,0	
01799	BRX	17,0	40,00	11,0	G
01801	B	100,0	123,80	13,0	
01802	BR	42,0	62,00	6,0	
01803	BAG	38,1	50,35	11,0	
01803	BAG	38,1	50,35	10,9	A
01805	BE	100,0	128,00	15,0/25,0	B
01806	BRXE	143,3	150,00	39,5	G
01807	BAG	50,0	70,00	12,0	
01809	BS	42,0	65,00	13,0	
01810	BAGS	65,0	90,00	15,0	
01810	BRAGS	65,0	90,00	15,0	
01811	B	39,7	63,45	12,7	
01814	BRG	36,0	60,00	9,5	
01815	BAEP	9,0	15,00	10,0/14,0	F
01816	BA	15,0	24,00	7,4	
01817	BA	16,0	30,00	6,4	
01818	GAE	17,8	30,00	11,0	I
01819	BA	22,2	35,00	8,0	
01821	MFE	60,0	75,00	5,0	P
01822	BAP	130,0	160,00	13,0	
01825	BRG	54,0	76,00	8,0	
01826	BRXE	8,0	35,00	16,0	G
01828	B	61,9	79,95	10,0	
01829	B	90,0	112,70	13,0	
01830	GA	26,0	31,00	3,0	
01831	BA	30,0	46,40	10,0	
01832	BR	38,0	58,50	7,0	
01833	BA	29,9	45,00	7,0	
01834	BAGE	33,0	50,00	10,0/15,0	B
01835	BR	14,3	23,95	7,0	

Número Sabó	Tipo	Diâmetro do Eixo	Diâmetro do Alojamento	Altura do Retentor	Grupo
01836	B	23,8	38,05	7,9	
01837	BRGE	17,0	28,00	7,0/10,0	I
01838	BAG	54,0	79,40	12,7	
01839	BA	33,0	50,00	8,0	
01840	BGO	48,0	65,00	12,0	
01841	BRG	60,0	82,00	12,0	
01842	BRG	60,0	82,00	12,0	
01843	BA	31,7	44,45	7,0	
01844	BAG	34,9	55,90	12,5	
01845	BRP	44,5	63,50	9,5	
01846	BAG	15,0	30,00	7,0	
01847	GR	50,0	68,00	8,5	
01849	BAG	33,0	51,90	12,0	
01849	BAGE	33,0	51,90	3,0/12,0	K
01850	BRGE	38,0	52,00	2,5/8,5	K
01851	BRG	45,0	60,00	10,0	
01852	BRS	76,2	95,25	9,7	
01853	BR	9,5	19,05	7,0	
01854	BRG	38,1	60,35	12,7	
01855	BAG	50,0	87,00	12,7	
01856	BRGP	75,9	95,00	11,3	
01857	B	76,2	98,45	11,9	
01858	BAGE	44,4	53,95	8,6	A
01859	BAG	44,5	61,90	9,5	
01860	BA	26,0	45,00	10,0	
01861	BRG	50,0	72,00	12,0	
01862	BAG	57,3	76,20	9,5	
01863	BA	63,5	88,90	12,7	
01864	BAG	54,0	76,20	12,7	
01865	BGO	69,8	95,25	16,0	
01866	GR	20,0	35,10	5,8	
01867	GR	23,8	39,00	6,2	
01868	GA	19,0	28,50	4,0	
01869	GA	39,7	57,10	6,4	
01870	GA	63,5	76,20	6,4	
01871	GR	17,5	30,30	4,5	
01872	GA	57,2	76,00	9,5	
01873	GRE	30,5	38,00	7,9	I
01874	BRXE	74,5	80,10	22,0	G
01875	BR	14,0	32,00	10,0	
01876	GRXE	20,9	30,06	12,0	G
01877	BAG	38,2	60,35	12,7	
01878	B	50,8	71,90	11,9	
01879	BRG	70,0	95,00	13,0	
01880	BAG	69,8	98,45	11,8	
01880	BAGE	69,8	98,45	11,8/17,7	B
01881	GOE	49,2	63,50	1,5/7,4	K
01882	GA	36,6	41,75	3,0	
01883	BAG	21,0	32,00	7,0	
01884	BG	120,0	144,95	15,0	
01885	BAGP	120,0	140,15	13,0	
01886	GR	28,0	38,00	6,5	
01889	GAO	15,0	34,95	10,0/12,7	A



Número Sabó	Tipo	Diâmetro do Eixo	Diâmetro do Alojamento	Altura do Retentor	Grupo
01890	GAO	25,0	52,00	10,0/12,7	A
01891	NEO	47,0	56,75	14,0	N
01892	BRG	25,0	37,90	7,0	
01893	GE	35,0	46,00	21,0	E
01894	BRG	19,9	35,00	7,0	
01895	BRG	29,9	52,00	8,0	
01896	BRE	35,0	50,00	7,0/12,4	I
01897	BRGEP	39,4	69,85	6,4/16,2	B
01898	BRGEP	39,4	80,25	6,4/16,2	B
01899	BRGE	42,9	65,00	9,5/15,0	B
01900	GAE	85,7	107,95	7,9/14,6	B
01901	BGO	101,8	127,10	11,9	
01902	BR	48,0	72,00	10,0	
01903	BRP	30,0	40,00	7,0	
01904	BRP	10,0	22,00	7,0	
01905	BR	35,0	58,00	10,0	
01906	BA	45,0	72,00	10,0	
01907	BR	15,0	32,00	7,0	
01909	BR	19,0	29,10	6,4	
01910	BRP	150,0	180,00	13,0	
01910	BRS	150,0	180,00	13,0	
01911	BRG	45,0	60,00	9,0	
01911	BRGF	45,0	60,00	9,0	
01912	BRG	85,7	114,20	11,2	
01913	MF	44,5	66,60	12,7	P
01914	BRP	22,0	42,00	10,0	
01915	BAGP	15,0	30,00	6,0	
01916	BAGP	17,0	34,00	7,0	
01917	BRGS	78,0	100,00	13,0	
01918	BRGE	44,0	65,00	2,5/12,2	K
01919	BRGO	20,0	34,80	3,0	D
01923	BG	82,5	114,30	12,7	
01923	BGG	82,5	114,30	12,7	A
01923	BY	82,5	114,30	12,7	M
01924	BAEP	9,9	15,00	10,0/14,0	F
01925	GRE	138,0	184,00	12,0/38,0	I
01927	BRP	70,0	90,50	10,0	
01928	B	146,0	168,25	16,0	
01929	BRG	15,0	24,00	7,0	
01930	BAG	54,1	73,00	8,5	
01931	BAG	41,4	70,60	7,9	
01932	GRE	59,0	79,70	9,7/11,8	B
01933	BABEP	54,0	81,10	20,7	I
01934	BAG	15,9	30,00	6,0	
01935	BAG	20,0	30,00	7,0	
01941	GAE	109,7	140,00	12,0/40,0	I
01942	BRGP	32,0	47,00	10,0	
01943	BAGEP	43,4	56,00	1,6/9,0	K
01945	BRGS	82,0	105,00	12,0	
01949	BR	35,0	62,00	10,0	
01950	BAG	52,0	72,00	12,0	
01951	BR	160,0	200,00	12,0	
01952	BA	30,0	52,00	12,0	

Número Sabó	Tipo	Diâmetro do Eixo	Diâmetro do Alojamento	Altura do Retentor	Grupo
01953	BRG	133,0	160,00	15,0	
01953	BRGP	133,0	160,00	15,0	
01954	BR	35,0	80,00	12,0	
01955	BAGS	47,6	63,50	11,0	
01957	BA	12,7	28,55	6,5	
01958	BAGS	40,5	53,95	7,2	
01959	BAG	15,0	35,00	7,0	
01962	BA	28,6	41,30	9,4	
01963	BAG	41,1	49,30	6,5	
01964	BA	28,6	38,10	6,5	
01965	BAP	19,0	34,95	10,3	
01966	BA	12,7	25,35	6,4	
01967	BAS	21,8	36,50	6,4	
01968	BRS	100,0	125,00	12,0	
01969	BRGS	55,0	72,00	10,0	
01971	BAGE	12,4	39,40	4,5	D
01972	BRGS	133,3	158,75	13,0	
01973	GA	50,0	58,00	4,0	
01974	BRG	100,0	130,00	13,0	
01975	U	31,0	47,00	12,0	C
01976	B	165,1	193,65	15,7	
01977	GR	14,3	22,00	3,9	
01978	GROX	14,7	22,10	7,0	G
01980	BR	35,0	55,00	8,0	
01981	BRGS	85,0	105,00	12,0	
01984	GA	7,8	14,10	3,6	
01985	BR	21,0	31,95	7,0	
01987	BRGO	20,0	32,00	3,0	D
01988	BAGE	40,0	52,00	7,0	A
01988	BAGE	40,1	52,00	7,9	A
01988	BRG	40,0	52,00	7,4	
01988	BRG	40,1	52,00	7,4	
01988	BRGE	40,1	52,00	1,9/7,7	K
01989	BAG	41,3	59,10	8,0	
01990	G	14,9	-	2,1/2,9	J
01991	G	27,0	-	2,5/3,3	J
01992	BR	30,3	39,65	6,4	
01993	BR	27,0	38,10	6,4	
01994	BR	49,2	79,35	12,5	
01995	BR	58,7	79,35	9,6	
01996	BRO	42,9	73,00	15,9	A
01997	BRO	39,4	60,30	12,7	A
01998	BR	28,6	39,75	6,4	
02001	GA	10,3	16,00	4,0	
02002	U	22,0	32,00	8,0	C
02004	BAGP	64,0	80,00	8,0	
02005	BAGP	40,0	56,00	7,0	
02006	BAG	30,0	52,00	7,0	
02007	BAGP	25,0	35,00	7,5	
02008	BAGE	16,0	26,00	9,0/20,0	D
02009	BP	22,0	40,00	8,0	
02010	BAG	25,0	47,00	7,0	
02010	BRO	25,0	47,00	7,0	

Número Sabó	Tipo	Diâmetro do Eixo	Diâmetro do Alojamento	Altura do Retentor	Grupo
02011	NEF	33,0	44,50	5,3	N
02012	BRF	33,0	45,00	7,0	
02013	BAP	8,0	16,00	7,0	
02014	BAGP	44,0	60,00	10,0	
02017	GB	73,5	95,00	18,0	A
02018	BAGE	88,9	152,40	39,1	I
02019	BAGE	82,6	134,55	41,2	I
02020	S	14,2	50,70	10,7/46,1	U
02021	B	108,2	144,45	19,0	
02022	GRGGO	20,0	35,00	7,0/11,0	D
02023	GRGGO	30,0	42,00	8,0/9,0	D
02024	BRGG	47,0	58,00	7,0	A
02025	BA	14,0	20,00	3,5	
02026	GGGX	52,4	74,70	8,4	G
02027	BGO	41,1	62,05	16,0	
02029	BR	23,8	34,50	7,0	
02031	BR	40,0	56,00	7,0	
02032	BA	25,4	34,95	6,4	
02033	BAE	63,6	155,60	12,0	O
02034	BRG	38,1	63,55	12,7	
02035	GB	79,0	110,00	17,4	A
02036	GB	73,0	101,60	18,3	A
02037	GB	92,2	123,85	19,0	A
02038	BRG	39,4	63,55	12,7	
02039	BR	42,0	72,00	10,0	
02044	BAGE	150,8	229,40	28,6	O
02046	BRG	25,0	47,00	10,0	
02049	BG	100,0	119,95	13,0	
02051	BR	38,0	54,00	10,0	
02052	BAGP	31,7	53,95	6,5	
02053	BAGP	41,3	63,55	6,5	
02054	BR	161,9	187,30	9,5	
02055	BR	47,7	65,00	8,0	
02056	BR	165,0	190,50	12,7	
02058	BAGF	42,0	55,00	9,0	
02059	BA	42,0	58,00	7,0	
02060	GB	97,8	116,00	16,0	A
02061	BRGF	70,0	90,00	15,0	
02062	BA	25,0	40,00	7,0	
02063	BAG	31,7	50,80	11,1	
02064	BAG	22,2	50,80	11,1	
02065	BAE	190,5	285,80	48,7	O
02066	BAG	57,2	73,00	8,0	
02067	BAG	57,1	76,10	11,0	
02068	BRGP	40,0	52,00	9,0	
02069	BRGS	130,0	160,00	15,0	
02070	BBO	20,0	38,05	18,3	A
02071	BRGE	38,5	45,58	8,0/14,7	K
02072	BAP	20,0	38,05	6,4	
02073	GA	21,8	25,00	1,9	
02075	BREP	20,0	35,00	7,0/10,6	A
02077	BAG	60,3	79,35	9,5	
02084	BAGP	41,2	63,50	8,0	

Número Sabó	Tipo	Diâmetro do Eixo	Diâmetro do Alojamento	Altura do Retentor	Grupo
02084	BAP	41,2	63,50	8,0	
02085	BA	69,9	88,90	12,7	
02087	BAG	35,0	56,00	10,0	
02088	BGO	40,0	65,00	12,0	
02089	BGOE	139,7	160,25	31,7	A
02090	BABE	60,3	85,75	22,8	I
02091	BAG	35,0	62,00	12,0	
02092	BGO	117,5	146,00	14,3	
02093	BRG	150,8	177,80	12,5	
02094	BAGE	28,0	40,00	10,5	D
02095	GA	35,0	42,00	4,0	
02096	BA	30,0	37,10	4,0	
02097	BREP	8,0	14,10	7,1/10,4	F
02098	BAE	60,3	149,40	8,3	O
02099	BA	36,0	54,00	7,0	
02100	BAG	58,0	75,00	12,0	
02102	BA	34,9	50,85	8,3	
02103	BAG	57,2	82,50	9,5	
02103	BAGE	57,2	82,50	9,5/11,5	B
02104	BA	44,5	63,55	8,0	
02106	GA	28,0	40,00	5,0	
02107	GA	25,0	35,00	5,0	
02108	BRG	50,0	68,00	9,0	
02110	BRG	45,0	62,00	9,0	
02111	BRG	55,0	72,00	9,0	
02112	BRG	58,0	75,00	9,0	
02113	BR	65,0	100,00	13,0	
02115	BRGS	122,2	140,80	11,8	
02116	BAP	60,3	82,50	11,0	
02117	BAS	101,6	126,90	11,2	
02118	BREP	8,0	14,10	7,1/10,4	F
02125	BGP	95,3	114,25	12,0	
02126	GA	22,1	35,00	8,0	
02127	BGP	76,2	101,65	11,0	
02128	BA	38,0	62,00	7,0	
02130	BAG	15,0	21,00	4,0	
02131	BAG	19,0	28,55	6,5	
02132	BRES	22,3	35,74	3,7/10,0	K
02134	BGE	117,4	157,10	13,5/26,5	B
02135	GA	10,0	14,00	3,0	
02138	B	174,6	200,00	16,0	
02139	BRG	48,0	72,00	7,0	
02140	BAP	28,7	40,00	7,0	
02142	BRGF	32,0	47,00	10,0	
02143	BRGGG	21,0	37,00	7,0/10,0	A
02144	GR	32,0	43,00	5,0	
02145	BRG	28,0	42,00	7,0	
02148	BRG	25,0	40,00	9,0	
02151	BA	35,0	80,00	6,0	
02152	BAGGG	34,0	55,00	11,0/15,0	A
02153	BRG	29,4	42,83	8,0	
02155	BRGE	39,4	80,10	6,4/16,2	B
02156	BAGF	125,0	150,00	15,0	

Número Sabó	Tipo	Diâmetro do Eixo	Diâmetro do Alojamento	Altura do Retentor	Grupo
02157	BRO	28,0	39,95	8,0	A
02160	BR	10,0	22,00	7,0	
02161	BR	17,0	25,00	4,0	
02162	BRG	14,0	24,00	6,0	
02163	BRG	8,0	18,00	5,0	
02164	BRG	18,0	37,00	8,0	
02165	GRGG	26,0	42,00	8,0/9,0	D
02166	BRG	6,8	22,00	7,0	D
02167	GAE	29,5	37,00	7,5	I
02169	BA	45,0	62,00	7,0	
02170	GR	10,0	24,35	5,5	D
02171	BR	10,0	19,00	6,5	
02172	BG	25,4	38,05	8,0	
02175	BRGP	45,0	60,00	8,0	
02176	BRG	16,0	24,00	6,0	
02178	BRAGS	35,0	48,00	7,0	A
02178	BRGS	35,0	48,00	7,0	
02180	BG	114,3	155,55	14,0	
02181	BAG	55,5	80,90	15,5	
02184	BAGP	32,0	65,00	13,0	
02185	BAGF	140,0	165,00	15,0	
02191	BRF	75,0	95,00	12,0	
02192	BRGP	70,0	90,00	10,0	
02193	BRG	57,1	76,20	12,7	
02194	GB	101,6	127,00	16,0	A
02195	BR	105,0	140,00	12,0	
02196	BR	44,3	81,00	12,5	
02197	BRG	54,0	73,00	9,5	
02198	GR	7,8	13,80	3,6	
02199	BAGF	75,0	100,00	17,0	
02201	BRGEP	47,6	80,25	6,5/16,5	B
02203	BAG	18,8	31,70	11,0	
02204	BAGP	60,3	90,00	12,5	
02205	BAGP	54,0	90,00	12,5	
02206	BAGP	60,3	79,40	12,0	
02207	BAGP	54,0	73,00	11,0	
02208	BAGP	90,0	120,00	12,0	
02209	BAGE	47,6	80,00	13,0/26,0	B
02210	BRG	24,0	37,00	7,0	
02211	BAG	63,5	83,80	9,0/11,5	B
02212	BRGE	40,0	52,00	2,8/8,5	K
02213	B	98,4	126,90	12,0	
02214	B	114,3	139,65	12,7	
02215	BG	31,8	44,45	8,0	
02216	GAG	17,8	32,15	5,5	A
02219	BAGF	155,0	180,00	16,0/29,0	B
02221	BA	34,9	50,75	8,3	
02223	B	140,0	180,00	15,0	
02224	BR	35,0	56,00	10,0	
02225	BR	40,0	68,00	12,0	
02226	BG	75,0	100,00	13,0	
02230	B	25,4	38,00	6,5	
02231	GAO	25,0	62,00	10,0/13,0	A

Número Sabó	Tipo	Diâmetro do Eixo	Diâmetro do Alojamento	Altura do Retentor	Grupo
02232	GAO	20,0	52,00	10,0/13,0	A
02233	BRG	25,0	40,00	8,0	
02234	BRG	30,0	42,00	10,0	
02235	BAGS	80,0	100,00	12,0	
02236	BAP	57,0	85,00	12,0	
02239	GAE	11,0	16,60	6,0/8,5	A
02241	GRG	25,0	47,00	8,0	A
02242	BG	33,3	53,95	11,0	
02244	B	29,0	50,00	10,0	
02245	BAG	133,4	155,55	14,0	
02246	BAG	168,0	188,00	31,5	
02248	GA	9,4	21,40	5,0	
02249	GA	12,6	21,40	5,0	
02255	GA	63,9	73,00	3,2	
02256	BAG	63,6	88,90	13,5	
02257	GAE	31,7	44,45	1,5/5,9	K
02258	GAE	22,0	32,00	1,9/5,0	K
02259	GAG	26,0	34,00	5,0	A
02261	GAE	25,0	35,00	5,0/7,0	A
02262	BAG	50,8	65,05	12,7	
02263	BR	19,0	31,60	7,7	
02264	BRGF	85,9	104,00	11,0	
02265	GA	25,0	32,00	4,0	
02267	BBO	60,3	85,75	23,8	A
02269	BAGP	70,0	85,00	8,0	
02270	B	32,0	72,00	10,0	
02271	BGP	66,7	92,00	11,0	
02272	BGP	66,7	85,60	12,0	
02274	BRX	48,0	80,00	13,0	G
02279	BAG	15,0	26,00	6,0	
02283	BRGF	85,0	105,00	12,0	
02285	BA	20,0	31,00	7,0	
02286	BRGO	20,0	34,80	3,0	D
02287	BGP	54,0	79,35	9,5	
02289	BAG	38,0	74,00	11,0	
02290	BRGO	22,0	32,88	3,0	D
02291	BAF	80,0	100,00	12,0	
02292	BAF	68,0	90,00	10,0	
02293	BF	145,0	175,00	13,0	
02295	BA	44,0	58,00	7,0	
02296	BRG	42,0	60,00	9,0	
02297	BAGF	70,0	85,00	8,0	
02298	BAG	45,0	62,00	9,0	
02299	BAGE	93,0	157,00	7,4	O
02300	BREP	8,0	14,10	8,9/13,0	F
02302	BAGF	40,0	56,00	7,0	
02303	BRG	35,0	63,10	14,0	
02304	BRG	35,0	60,30	9,5	
02305	BAG	46,3	66,60	0,8/6,7	K
02306	BRG	6,5	14,50	7,0	
02307	NEP	5,5	9,20	7,0/8,0	F
02308	BRG	14,0	28,00	7,0	
02309	BRP	15,0	25,00	7,0	

Número Sabó	Tipo	Diâmetro do Eixo	Diâmetro do Alojamento	Altura do Retentor	Grupo
02310	BRG	16,0	28,00	7,0	
02311	BR	20,0	34,00	7,0	
02312	BRGE	27,0	39,00	10,5	D
02312	BRGE	27,0	39,00	10,5	D
02315	GA	34,9	53,50	6,5	
02316	GA	57,2	82,55	6,5	
02317	BRAGF	31,0	50,00	8,0	A
02317	BRGF	31,0	50,00	8,0	
02318	BRGE	30,0	40,50	10,5	D
02319	BRGE	15,0	21,00	2,0/14,0	K
02321	BAG	42,0	56,00	7,0	
02322	GA	40,8	44,05	3,1	
02324	BRG	45,0	65,00	8,0	
02325	BRGP	90,0	115,00	13,0	
02326	BRGP	58,0	80,00	12,0	
02327	BREP	8,0	13,00	7,5/9,3	F
02328	GE	35,0	46,00	26,0	E
02329	BRG	18,0	30,00	7,0	
02333	BAE	60,3	155,50	7,4	O
02334	BAG	14,3	39,55	6,3	
02335	BAG	15,9	22,20	4,3	
02336	BROE	35,0	45,15	15,0/24,0	I
02337	GA	28,6	40,20	5,0	
02342	GA	51,0	58,00	4,0	
02343	BAP	12,7	22,20	8,0	
02345	BRAGF	77,0	100,10	11,5	A
02347	GRE	105,0	135,00	12,0	A
02351	BAGE	80,0	112,00	12,0/18,0	B
02352	B	85,7	107,85	12,7	
02353	BRGE	35,0	48,00	10,5	D
02354	GAE	12,5	28,60	9,0	I
02355	BA	28,6	41,25	6,5	
02356	BA	41,3	54,00	6,5	
02357	BA	22,2	31,70	6,0	
02358	BA	7,0	16,00	7,0	
02360	BRF	12,5	20,00	5,0	
02361	GA	28,7	31,78	3,1	
02365	BAG	47,8	65,00	11,7	
02366	BAGE	69,8	98,45	11,8/17,8	B
02368	GAE	45,0	61,90	5,5/10,0	I
02370	BRAGE	35,0	54,00	10,0/15,0	B
02371	BAG	21,0	32,00	7,5	
02371	BAG	21,0	32,00	7,5	
02372	BAG	23,0	35,00	8,0	
02373	BRG	13,0	26,00	7,0	
02374	BAGE	35,0	54,90	0,7/14,7	K
02375	BR	17,0	28,05	5,0	
02376	BRG	30,0	47,00	7,0	
02377	BG	40,0	62,00	12,0	
02378	BR	44,3	60,00	7,0	
02380	BRXE	8,0	35,00	13,0	G
02381	BA	57,2	82,45	9,5	
02382	BREP	7,0	10,90	6,4/11,0	F

Número Sabó	Tipo	Diâmetro do Eixo	Diâmetro do Alojamento	Altura do Retentor	Grupo
02385	BA	38,1	47,60	7,0	
02386	BG	108,0	133,35	12,0	
02388	GRG	30,0	72,25	3,0/20,0	K
02391	BRG	40,0	55,00	8,0	
02392	BRGE	55,0	70,00	6,0/10,3	B
02393	BAGE	54,0	79,35	12,7/19,0	B
02395	BAGG	45,0	73,12	13,0	A
02396	BREF	8,0	12,00	7,0/11,0	F
02397	BRG	32,0	45,00	7,0	
02398	BAGS	70,0	85,00	8,0	
02399	BRGS	64,0	90,00	10,0	
02400	BREF	8,0	14,10	8,9/13,0	F
02401	B	30,0	52,00	9,0	
02407	BA	29,9	58,10	8,0	
02408	BRGO	20,0	32,18	3,0	D
02409	GR	8,0	-	2,5	D
02410	GRG	40,0	90,15	3,0/20,0	K
02411	GRG	25,0	52,00	2,0/15,0	K
02412	BRG	26,0	40,00	8,0	
02413	BRG	28,0	40,00	8,0	
02414	BRG	25,0	35,00	8,0	
02415	BAG	55,4	76,15	12,7	
02416	BAG	82,5	120,00	15,0	
02417	BAGE	60,3	92,00	12,0/18,5	B
02418	BR	21,5	40,00	7,0	
02419	BAG	40,0	55,00	9,5	
02420	BAGE	15,0	28,00	6,0/15,0	D
02422	BRP	69,8	90,00	8,0	
02423	BAG	69,8	90,00	10,0	
02424	BG	89,0	114,25	12,7	
02425	BR	17,0	32,00	7,0	
02426	BRG	58,0	75,00	9,0	
02430	BRGF	40,0	52,00	8,0	
02432	GR	17,0	39,70	3,3	D
02433	BRG	20,0	39,70	6,5	
02434	BRE	25,0	35,00	3,8/7,5	B
02435	GRG	50,0	110,15	3,0/23,0	K
02438	BRG	39,4	63,55	12,5	
02441	GRG	15,0	22,00	4,0	A
02442	BAGE	50,0	65,00	9,7/14,0	B
02444	GA	38,0	43,00	3,0	
02445	BR	68,0	90,00	10,0	
02448	BRAGF	60,3	82,50	11,0	A
02449	BRGF	122,2	140,80	12,0	
02450	BRGP	90,1	110,00	13,0	
02451	BRG	75,0	90,00	10,0	
02454	BRG	15,0	25,00	7,0	
02456	BRGS	35,0	50,00	8,0	
02461	BRGE	28,5	39,75	8,0	D
02463	BAGE	14,2	48,20	4,7	D
02464	BRO	94,7	120,00	12,0	A
02465	BAG	23,8	38,05	6,5	
02467	BAGAP	23,0	37,00	13,5	A

Número Sabó	Tipo	Diâmetro do Eixo	Diâmetro do Alojamento	Altura do Retentor	Grupo
02468	BRG	20,0	40,00	7,0	
02469	GRG	40,0	50,00	5,0	A
02474	BRG	11,1	22,20	6,5	
02478	BAGF	63,5	82,55	12,7	
02480	BAGP	20,6	38,10	7,0	
02481	BRAGF	35,0	65,00	8,0	A
02482	GRG	34,5	46,50	6,5	A
02483	BGE	88,9	115,40	16,2/19,2	B
02484	BGE	88,9	122,95	18,7/21,7	B
02485	BY	98,4	144,54	16,0	M
02486	BR	20,0	34,95	7,0	
02490	BY	142,8	182,50	24,0	M
02491	GR	8,0	15,00	3,0	
02492	GR	16,0	22,00	3,0	
02494	BRAGF	42,0	72,00	10,0	A
02495	BRF	8,0	14,00	3,0	
02496	BY	127,0	158,75	16,0	M
02497	BRGF	54,0	77,70	11,0	
02498	BRGF	63,5	88,90	11,0	
02499	BRGF	69,8	92,00	11,0	
02503	BREP	9,0	11,50	6,0/10,1	F
02504	BAGP	63,5	82,55	12,7	
02505	BA	38,0	47,60	6,5	
02506	BR	38,0	52,25	7,0	
02509	BREF	7,0	11,00	7,0/10,0	F
02510	GA	18,0	24,00	3,0	
02511	BRAGF	66,7	88,80	11,0/12,5	A
02512	BRGE	57,2	82,60	0,9/14,0	L
02513	BREF	9,4	15,90	7,0/12,5	F
02515	GR	6,0	10,00	2,5	
02516	BRGEP	47,6	68,00	14,0	K
02516	BRGEP	47,8	68,00	0,9/14,0	L
02517	GRGX	55,0	70,00	12,0	G
02518	GRGX	50,0	65,10	12,0	G
02519	BRG	28,0	40,00	8,0	
02520	GAE	28,0	40,60	1,0/5,0	K
02521	GA	40,8	44,05	3,2	
02522	GA	45,6	48,75	3,2	
02523	BRF	11,0	17,00	4,0	
02524	BRAGF	80,0	98,00	10,0	
02525	BRAGF	26,0	42,00	8,0	
02526	GAG	20,0	28,00	4,0	A
02527	BAGP	25,4	44,50	6,5	
02528	GRL	35,6	50,75	7,8/9,6	I
02529	BRG	55,0	80,00	8,0	
02530	BRG	65,0	85,00	10,0	
02531	BR	75,0	95,00	10,0	
02532	BRGE	8,0	-	9,0	D
02533	BRGP	22,0	35,00	7,0	
02534	GAG	14,0	20,00	2,5	A
02535	BRG	12,0	22,00	5,0	
02536	BR	8,0	14,00	3,0	
02541	BRGP	40,0	55,00	8,0	

Número Sabó	Tipo	Diâmetro do Eixo	Diâmetro do Alojamento	Altura do Retentor	Grupo
02544	BREF	8,0	10,80/14,00	6,2/10,3	F
02545	BROF	125,0	150,00	31,7	A
02546	BRO	70,0	86,00	10,0	A
02547	BRO	50,0	80,00	12,0	A
02549	BRP	28,2	37,95	6,0	
02552	GRB	16,0	31,18	7,0	D
02553	NE	16,0	31,10	3,0	D
02556	BAF	68,0	85,00	10,0	
02557	BRG	68,0	85,00	10,0	
02558	BAF	47,6	57,15	5,0	
02560	BGF	69,9	92,25	12,7	
02561	BRGEP	60,3	92,00	2,5/14,0	L
02562	BRGEP	69,8	98,40	2,5/11,5	L
02565	BGF	38,0	50,35	11,0	
02566	BRGF	20,0	40,00	7,0	
02567	GR	18,0	24,00	4,0	
02568	BRG	26,0	35,00	7,0	
02569	BRGP	14,0	22,00	4,0	
02570	BRGF	25,0	40,00	7,0	
02571	BRG	17,0	25,00	4,0	
02572	BRG	22,0	35,00	7,0	
02573	GR	20,0	26,00	4,0	
02574	BR	90,0	110,00	12,0	
02575	BRAGF	34,9	52,00	7,0	
02576	GAG	14,2	28,55	13,5	A
02578	BRGF	60,4	79,40	9,3	
02579	BRG	22,0	35,00	7,0	
02580	BAG	44,4	63,50	12,7	
02581	GAE	47,0	63,00	5,6/11,2	K
02582	BRGO	20,0	33,80	32,0	D
02583	BRGF	133,3	158,75	13,0	
02588	GR	25,0	32,00	4,0	
02589	GR	15,0	21,00	3,0	
02590	NF	9,5	14,30	12,3/14,3	F
02591	BRG	46,0	56,00	4,0	
02592	GAG	20,0	26,00	4,0	A
02593	BR	30,0	47,00	6,0	
02594	BRF	24,0	35,00	6,0	
02595	BRF	31,0	62,10	4,0/5,5	A
02598	BRGO	20,0	34,80	3,6	D
02600	BRAGF	90,0	104,00	11,0	A
02604	BRGF	92,1	107,70	10,0	
02606	BAF	85,0	105,00	10,0	
02607	BRG	85,0	105,00	11,0	
02612	BRGF	122,2	140,80	11,8	
02613	BRGE	15,8	35,80	9,2	D
02615	GRE	8,0	19,50	2,3	D
02618	GRG	16,7	35,00	6,5/8,3	B
02619	BRAGF	112,5	130,00	11,0	A
02620	BRGO	20,0	31,70	3,3	D
02622	BRGO	22,0	35,20	3,8/10,2	D
02629	BRAGF	91,0	111,00	10,0	A
02632	GR	35,0	42,00	4,0	

Número Sabó	Tipo	Diâmetro do Eixo	Diâmetro do Alojamento	Altura do Retentor	Grupo
02633	GR	40,0	50,00	4,0	
02634	GR	45,0	55,00	4,0	
02635	GR	55,0	65,00	5,0	
02636	GR	60,0	72,00	6,0	
02637	GR	70,0	85,00	7,0	
02638	GR	12,0	18,00	3,0	
02639	GR	15,0	23,00	3,0	
02640	GR	17,0	25,00	3,0	
02641	GR	20,0	28,00	4,0	
02642	GR	25,0	32,00	4,0	
02643	GR	30,0	37,00	4,0	
02646	BRGO	8,0	23,20	2,9	D
02654	BR	28,6	39,70	9,5	
02656	BRAF	55,0	70,10	8,0	A
02657	BRAGS	26,0	42,00	8,0	A
02658	BRGF	43,0	75,00	10,0	
02660	BRGF	54,0	77,70	11,0	
02661	BRG	80,0	100,00	12,0	
02662	BRG	80,0	100,00	12,0	
02663	NF	9,9	14,30	13,1/14,5	F
02664	BAGP	80,0	100,00	10,0	
02666	GRE	30,0	40,75	4,2	D
02667	BRGP	57,2	77,75	10,0	
02669	GA	17,0	25,00	4,0	
02671	BRGF	75,0	100,00	10,0	
02672	BRG	30,0	72,00	6,5	A
02673	BRX	57,0	85,00	13,0	G
02674	NF	10,2	14,30	13,1/14,5	F
02675	BRG	40,0	82,90	10,0	
02677	BRG	70,0	85,00	8,0	
02678	BRGS	30,0	47,00	7,0	
02679	BRG	145,0	175,00	14,0	
02681	BRAGF	29,9	42,00	7,0	A
02682	BRAGF	42,0	55,00	10,0	A
02683	GAG	15,0	35,00	8,0	A
02685	BR	60,0	90,00	8,0	
02686	BRGEP	63,5	98,45	3,0/15,0	L
02687	BRGEP	76,3	125,35	3,0/19,5	L
02688	BAGGF	65,0	85,00	10,0/13,0	A
02689	BAG	12,0	20,00	5,0	
02690	BRG	95,0	115,00	13,0	
02691	GA	27,0	33,95	3,0	
02693	BRGE	54,0	80,00	11,1/16,6	B
02695	BRGGG	70,0	90,00	14,0	A
02696	BRAGF	105,0	130,00	12,0	A
02697	BRAG	120,0	140,00	13,0	
02698	GR	18,0	24,00	4,0	
02699	BRG	32,0	52,00	7,0	
02700	GRG	20,0	27,00	5,0	A
02701	BRG	17,0	28,00	5,0	
02702	BRAGF	80,0	98,00	10,0	A
02703	GAE	27,0	33,00	4,0	D
02704	GAE	30,7	36,70	7,0	I

Número Sabó	Tipo	Diâmetro do Eixo	Diâmetro do Alojamento	Altura do Retentor	Grupo
02705	GAE	26,7	32,70	4,0	I
02706	GAE	56,0	63,20	11,0	I
02707	GAE	37,0	45,00	12,0	I
02710	GRGE	20,0	37,00	8,0/11,0	D
02711	GRGE	35,0	48,20	5,0/14,4	K
02712	BRGP	25,0	40,00	8,0	
02713	BRY	121,1	160,20	35,0	M
02715	GA	22,2	28,58	3,2	
02716	BAEF	19,0	50,80	1,7/7,7	O
02720	BRGP	45,0	62,00	9,0	
02721	BRGP	48,0	66,00	11,0	
02722	BR	19,0	36,30	8,5	
02723	BAF	48,0	75,00	8,0	
02725	GRE	30,0	39,75	4,2	D
02726	BRGO	20,0	32,25	3,5	D
02727	BRG	25,0	52,00	8,0	
02728	BRGE	28,0	52,00	6,0/9,0	A
02729	BA	21,9	32,00	6,0	
02729	BA	21,9	32,00	6,0	
02730	BRG	17,0	30,00	7,0	
02731	BAGF	28,6	41,20	7,0	
02732	BRG	35,0	82,90	10,0	
02734	NE	8,6	17,00	13,0/15,2	F
02735	GB	63,0	110,00	13,0	A
02736	GA	45,0	51,90	4,0	
02737	GB	41,0	73,00	13,0	A
02740	BRGP	21,8	35,00	7,0	
02741	BRGGP	40,0	60,00	10,0/11,5	A
02743	BRGO	7,9	23,20	3,2/7,2	D
02744	GY	30,0	52,00	10,0	M
02745	BRG	45,0	60,00	7,0	
02751	BRG	90,0	120,00	12,0	
02753	BRG	75,0	95,00	13,0	
02759	BAG	72,5	92,20	9,0	
02762	BR	8,0	15,00	5,5	
02763	BAE	22,0	31,75	6,0	A
02770	BB	125,0	150,00	12,0	A
02771	BB	150,0	180,00	15,0	A
02777	BRAS	51,0	65,00	7,0	A
02778	B	145,0	175,00	13,0	
02780	BRF	76,0	89,70	5,5	
02784	BAGF	44,4	63,50	12,7	
02786	BREF	12,0	16,15	10,0/14,2	F
02788	GA	30,0	36,95	3,0	
02792	BAG	12,0	28,05	8,0	
02793	BRGF	42,0	58,00	7,0	
02794	BRAGF	38,0	50,00	8,0	A
02797	BRGEF	25,0	38,00	10,5/14,5	K
02801	BAF	85,0	105,00	10,0	
02802	BRGF	25,0	35,00	7,0	
02804	BAGE	88,9	152,40	30,4	I
02805	BAGE	82,6	134,55	41,2	I
02806	NES	8,6	13,50	13,0/15,2	F

Número Sabó	Tipo	Diâmetro do Eixo	Diâmetro do Alojamento	Altura do Retentor	Grupo
02812	GAE	20,0	27,00	2,0/4,0	D
02813	BRG	30,0	52,00	8,0	
02814	GRG	22,2	27,95	8,0	A
02815	GAE	29,0	35,00	6,0	I
02817	BRAGF	30,0	50,00	7,0	A
02818	BRAGF	50,0	65,00	9,0	A
02819	GAE	50,8	58,80	3,6/4,6	K
02821	BRG	20,0	35,00	6,0	
02822	BRG	40,0	52,00	6,0	
02828	BR	28,5	38,00	6,0	
02830	BRG	18,2	30,00	6,0	
02831	BAGP	30,0	52,20	7,0	
02833	BAGG	48,0	65,50	7,0	
02836	BAGEF	35,0	54,90	9,0/14,7	K
02837	BRAGF	23,0	35,00	8,0	
02842	BRGF	32,0	47,00	10,0	
02843	BRGF	32,0	47,00	10,0	
02844	BRAGF	40,0	56,00	7,0	A
02845	BRAGF	70,0	85,00	8,0	A
02847	GA	55,0	62,90	5,0	
02850	GRE	14,8	24,80	2,8	D
02853	BAGEF	63,5	102,50	7,0/22,5	I
02856	GAE	26,0	40,00	5,0	I
02859	BRGH	40,0	55,00	8,8	A
02862	BRAGF	44,7	61,20	8,8	A
02864	BRGE	12,4	29,00	7,8	D
02868	BRG	125,0	150,00	13,0	
02871	BRAGF	78,0	100,05	12,0	A
02872	BRAGF	130,0	160,00	12,0	A
02873	BRG	6,0	16,00	6,5	
02874	BAY	59,9	85,40	22,9	M
02875	GRG	16,0	23,00	3,3	A
02876	GRG	16,5	25,00	5,0	A
02877	BAG	28,6	41,25	6,5	
02878	BAG	22,2	31,00	6,0	
02879	BAG	41,3	54,00	6,5	
02880	BG	44,5	73,00	12,7	
02886	NES	9,5	13,45	18,6/20,8	F
02890	NES	9,5	13,45	8,6/10,8	F
02892	NES	7,9	13,45	13,5/15,7	F
02893	BRAGP	40,0	56,00	7,0	A
02894	BY	106,5	140,00	15,0	M
02898	BRAGF	81,0	100,10	11,5	A
02900	BRAGF	90,0	104,00	11,0	A
02903	GRO	35,0	48,50	5,0/7,0	A
02904	GAE	12,0	26,80	4,0	D
02905	BRGG	45,0	56,00	6,0/7,0	A
02906	BRGO	8,0	25,25	2,6	D
02910	BAGE	44,2	71,40	10,0/16,5	B
02911	BRAGP	40,0	55,00	8,0	A
02917	BRGE	22,0	35,20	3,8/12,0	D
02919	BREF	7,0	10,90	6,5/9,5	F
02925	BRAGF	85,0	105,00	12,0	A

Número Sabó	Tipo	Diâmetro do Eixo	Diâmetro do Alojamento	Altura do Retentor	Grupo
02927	BREF	8,7	13,45	7,6/11,0	F
02928	BRE	16,0	22,00	6,2/9,7	I
02929	BRGE	30,0	62,90	2,5/20,2	I
02930	BRGP	30,0	47,00	10,0	
02932	BAGF	150,0	180,00	15,0	
02933	BRG	150,0	180,00	15,0	
02934	GRE	8,0	16,00	2,3/3,5	D
02936	BRAGP	30,0	52,00	7,0	A
02938	BRAG	95,0	115,00	13,0	
02940	BRGO	7,0	22,50	3,6	D
02941	BRAG	125,0	150,00	15,0	
02946	BRAGP	70,0	85,00	8,0	A
02950	BRGF	32,0	47,00	10,0	
02952	BAGEP	21,8	-	48,4	T
02955	BRF	60,0	80,00	10,0	
02960	BAGEP	47,6	68,00	0,9/10,4	K
02961	BAGGP	70,0	90,00	12,7	A
02962	BRGF	35,0	47,00	7,0	
02963	BROF	17,0	30,00	7,0	A
02965	BRGG	47,0	60,00	7,0	A
02966	BRGG	30,0	47,00	8,0	A
02967	BRGE	23,0	37,00	7,0/11,0	A
02968	GAE	29,0	39,50	8,6	I
02969	BREF	8,0	12,70	7,6/11,0	F
02971	BREF	8,1	12,00	7,6/11,0	F
02972	BAG	40,0	55,00	8,0	
02973	BRAGF	110,0	130,00	13,0	A
02979	BA	43,0	52,00	6,5	
02981	GA	43,0	52,00	6,5	
02984	BRG	32,0	45,00	7,0	
02985	BRF	105,0	130,00	12,0	
02987	GR	32,0	45,00	6,5	
02990	BAGP	47,6	63,55	9,7	
02996	BRGEP	58,0	80,00	4,5/10,5	B
02997	BRGEP	90,0	115,00	4,1/13,0	B
03001	GAE	22,2	29,00	6,0	I
03002	GAE	52,0	59,00	7,0	I
03003	GRE	20,0	30,00	4,0	A
03004	BRG	20,0	38,00	6,0	
03005	BR	10,0	21,00	5,0	
03006	GAE	31,0	38,00	6,0	I
03009	BREF	23,3	29,70	1,8/4,3	B
03010	GR	19,0	35,00	2,2	A
03012	BA	17,0	28,00	7,0	
03013	BA	20,0	31,00	7,0	
03015	GR	8,0	17,00	38,0	D
03017	BAGF	80,0	100,00	10,0	
03019	BRAGEP	22,0	40,00	8,0	A
03026	GAE	30,0	61,95	0,9/5,0	K
03038	MGE	2,0	25,00	14,7	I
03044	BREF	7,0	9,80	6,2/10,0	F
03045	BREF	9,5	14,40	9,1/13,2	F
03110	BRGE	12,0	28,05	8,0	I

Número Sabó	Tipo	Diâmetro do Eixo	Diâmetro do Alojamento	Altura do Retentor	Grupo
03113	BRGH	14,0	26,85	10,1	A
03126	BRG	20,0	39,96	6,4	
03129	GR	31,8	45,03	3,6	
03164	GRG	42,0	58,00	7,0	
03202	GAEP	11,8	28,00	5,0/7,5	B
03232	NE	31,4	49,53	16,8	N
03245	BRH	31,8	44,73	6,4	A
03248	BRO	35,0	48,00	11,0	A
03249	BRO	31,0	43,00	10,3	A
03250	BRG	12,5	25,00	8,0	
03251	BRG	34,0	63,00	12,0	
03252	BRG	14,0	22,00	5,0	
03253	BRG	17,0	27,00	5,0	
03254	BR	5,0	14,50	4,5	
03255	BR	12,0	21,00	4,0	
03260	BRGGE	30,0	64,40	17,0	I
03281	GR	17,0	40,20	4,6	D
03301	MRP	-	28,00	7,0	H
03317	BAGP	52,0	70,00	8,0	
05003	BRAGS	35,0	48,00	7,0	
05005	BRAGS	35,0	48,00	7,0	
05049	BRGGF	15,9	30,00	2,0/8,0	A
05050	BRG	25,0	35,00	7,0	
05052	GAGE	28,2	45,92	0,8/5,5	K
05055	BRAGF	64,0	80,00	9,0	
05062	BRAG	64,0	80,00	8,0	
05073	BRAGF	30,0	52,00	7,0	
05074	BRAGF	30,0	43,00	8,0	
05075	BRAGF	74,0	90,00	10,0	
05093	BRAGF	30,0	42,00	7,0	
05117	BRG	30,0	42,00	6,0	
05126	BRG	60,0	76,20	11,1	
05139	GAGE	28,0	46,00	3,0	K
05141	BRA	17,0	28,00	7,0	
05142	BRA	20,0	31,00	7,0	
05148	BR	12,0	19,00	5,0	
05150	BRAGF	112,5	130,00	11,0	
05159	BRAGF	32,0	42,00	7,0/8,0	
05166	BRGS	79,0	95,30	11,0	
05167	BRG	36,6	52,35	8,0	
05183	GAGE	28,0	38,00	3,0	K
05199	GRGH	40,0	62,00	7,4	S
05202	BRAGP	30,0	47,00	7,0	
05210	GHSI	85,0	-	13,0	T
05228	GHSI	103,0	128,00	14,0	T
05229	GRAGGH	59,3	76,20	8,3	S
05230	GRAGH	110,0	130,00	9,3	S
05239	GHSIF	99,5	108,00	19,0	T
05250	BRGF	42,0	53,00	7,0	
05253	BRGF	35,0	50,00	7,0	
05254	BRGF	88,0	108,00	10,1	
05278	GHSI	104,0	128,00	11,0/14,0	S
05287	GRGH	130,0	150,00	12,0	S

Número Sabó	Tipo	Diâmetro do Eixo	Diâmetro do Alojamento	Altura do Retentor	Grupo
05304	BRAGF	85,7	114,33	13,0	
05305	BRGF	58,0	74,00	10,0	
05307	BRGP	34,0	48,00	7,0	
05308	BRGP	50,8	69,85	11,0	
05309	BRGP	53,0	69,85	11,0	
05338	PHSI	79,0	-	21,0	T
05343	BRAGF	90,0	104,00	11,0	
05352	BRGF	57,0	71,00	9,0	
05353	BRGF	46,7	62,00	9,0	
05363	BRG	37,0	47,00	10,2	
05411	BA	42,0	58,00	7,0	
05413	GRGG	57,5	74,00	8,5	A
05414	BRAGF	155,0	180,00	15,0	
05420	BRGF	90,0	110,00	9,0	
05421	BRGF	101,6	125,00	13,0	
05502	GHSI	85,0	-	13,0	T
05521	BRAGF	80,0	98,00	10,0	
05522	BRAGF	44,7	61,20	8,8	
05529	BRGP	32,0	48,00	8,0	
05530	BRGP	30,0	44,00	7,0	
07002	GRG	15,0	24,00	6,0	A
07012	BRGP	45,0	60,00	8,0	
07021	BRGP	40,0	55,00	8,0	
07022	BRGP	30,0	43,60	7,0	
07023	GA	53,0	82,00	7,5	
07062	BAGP	41,2	63,50	8,0	
07063	BRAG	15,0	21,00	5,0/6,5	A
07065	BR	55,0	72,00	10,0	
07078	BR	7,7	14,65	5,0	
07121	BR	99,9	130,00	12,0	
07126	BAGE	38,1	60,30	12,7/17,7	B
07134	BGE	21,0	32,00	7,0	A
07137	BGEP	22,8	40,00	6,5/8,0	A
07138	BGEP	29,8	52,00	10,0/13,5	B
07139	BGEP	29,8	50,00	10,0/13,5	B
07148	BRAGEP	28,0	-	54,5	T
07181	BR	57,1	76,05	12,7	
07198	MR	-	20,0	4,0	H
07199	BGEP	38,1	60,30	12,7/15,9	B
07217	BY	40,0	69,00	15,4	M
07220	BRG	89,0	114,00	13,0	
07240	BGEP	21,8	-	48,4	T
07262	BAGGP	57,2	82,50	12,0	
07266	S	17,5	50,00	21,5	U
07267	BAGP	57,2	82,50	12,0	
07281	BAE	144,6	170,00	15,0/20,6	B
07284	BRAG	40,0	55,00	8,0	
07286	BR	21,5	40,00	7,0	
07290	BRAGF	75,0	95,00	10,0	
07298	MR	-	52,00	6,5	H
07299	BA	30,0	58,10	11,0	
07300	SIST.BY	39,9	68,90	15,4	T
07303	BA	38,1	47,60	7,0	



Número Sabó	Tipo	Diâmetro do Eixo	Diâmetro do Alojamento	Altura do Retentor	Grupo
07309	BRAGP	22,8	40,00	8,0	
07313	MR	-	20,00	4,0	H
07322	BRA	100,0	125,00	12,0	
07323	BRG	100,0	129,90	13,0	
07340	BAYF	121,1	160,00	35,0	M
07364	BRAGP	34,0	52,00	7,0	
07365	BRAGF	45,0	65,00	10,0	
07369	BG	100,0	119,95	13,0	
07372	BRAG	119,5	144,95	15,0	
07375	BY	82,5	114,30	12,7	M
07381	BAG	41,0	65,40	13,0	
07387	GAE	40,0	66,00	7,0	A
07390	GRAGX	12,0	18,00	8,0	G
07395	BRAGGG	47,7	73,10	9,5/17,5	A
07397	BRAGP	15,0	21,00	5,0	
07398	BAGEF	35,0	54,90	8,9/14,7	B
07399	BRP	35,0	56,00	10,0	
07408	BRGP	11,6	24,00	10,0	
07409	BRP	17,0	29,00	5,4	
07414	BGE	88,9	115,40	16,2/19,2	B
07415	BGE	88,9	122,95	18,7/21,7	B
07416	BY	98,4	144,00	16,0	M
07425	GAGGE	61,5	76,15	7,1	I
07439	BYF	82,5	114,30	12,7	M
07461	BRF	117,4	142,87	12,5	
07481	BRABGEF	40,0	70,00	13,0/20,0	L
07484	BRAGF	60,0	73,00	10,5	
07485	BAF	48,0	69,00	10,0	
07496	BGE	21,0	32,00	9,0	A
07500	BRAGEF	42,0	72,00	10,0/16,0	B
07502	MR	-	52,00	8,0	H
07538	BRAGEP	29,8	52,00	10,0/13,5	B
07539	BRAGEP	29,8	50,00	10,0/13,5	B
07599	BAF	46,0	68,00	12,0	
07603	BRAF	68,0	85,00	10,0	
07679	S	17,5	50,00	21,5	U
09203	BREF	6,0	8,80	6,1/9,4	F
09205	BREF	11,0	14,00	10,0/14,0	F
09211	BAEF	9,0	13,00	10,0	F
09212	BAEF	8,0	14,00	8,0	F
09228	BREF	7,0	11,00	7,0/10,2	F
09239	BREF	7,0	11,00	7,0/10,2	F
09242	BREF	8,0	11,95	7,0/10,9	F
09250	BREF	6,0	11,00	17,8	F
09255	BREF	7,0	11,00	7,0/10,0	F
09260	BREF	6,0	12,00	19,4	F
09261	BAEF	7,0	12,00	10,0	F
09262	BAEF	8,0	13,00	10,0	F
09266	NEF	5,5	9,20	7,0/8,0	F
09271	BAEF	8,5	14,10	13,5	F
09802	NG	12,4	24,50	6,3	D
09803	GR	8,0	16,50	2,3	D
09804	BRGO	20,0	45,25	5,3	D

Número Sabó	Tipo	Diâmetro do Eixo	Diâmetro do Alojamento	Altura do Retentor	Grupo
09807	GRE	31,7	42,15	4,2	D
09808	GRE	31,7	42,85	4,2	D
09810	BRO	22,0	35,70	3,7/12,0	D
09811	BRO	20,0	31,80	3,3/10,1	D
09820	BRGO	20,0	32,00	2,8	D
09821	BRGO	22,0	33,95	2,8	D
09829	GR	8,0	16,50	2,3	D
09832	BROE	22,0	38,90	3,2	D
09836	BROE	25,0	42,75	3,2	D
09837	GR	10,0	19,50	2,3	D
09839	BRGE	22,0	35,55	3,5	D
09841	BRGE	12,4	31,72	3,4	D
09843	BRO	20,0	31,70	3,3	D
09845	BRGE	22,0	35,55	3,5	D
09849	BRGE	20,0	40,95	6,0	D
09854	BRGE	12,4	39,40	5,3	D
09855	BRGE	15,7	48,15	5,3	D
09856	BRGE	20,0	40,40	6,0	D
09866	BRGO	10,0	27,10	3,6	D
09867	BROE	20,0	38,90	3,2	D
09870	BROE	40,0	47,23	4,8	D
09881	NG	12,4	23,50	6,1	D
09903	BROE	22,0	42,75	3,2	D
09906	BRGE	18,0	40,70	5,3	D
10026	ME	46,0	51,70	20,0	R
10131	ME	57,3	90,10	7,5	R
10141	ME	28,5	30,70	6,5	R
10143	GE	29,8	42,30	29,5	I
10144	GE	42,2	53,20	25,5	I
10145	GGE	22,0	42,50	29,5	I
10316	MGE	2,0	24,50	14,7	I
10409	MR	-	27,50	7,0	H
10410	MR	-	27,50	7,0	H
10411	MR	-	28,00	7,0	H
10412	MR	-	28,00	7,0	H
10413	S	30,0	111,00	20,7	U
10415	MRP	-	68,00	8,5	H
10416	S	21,9	52,80	2,0/21,6	U
10418	G	17,5	-	1,6	J
10420	MR	-	16,00	7,0	H
20063	G	17,5	25,00	4,8	N
20072	G	4,0	10,50	3,2	N
20083	U	15,0	21,50	3,2	C
20144	G	22,9	34,80	26,7	N
20145	GE	19,7	31,75	18,0	N
20147	G	13,2	29,25	3,0	N
20148	G	7,2	19,25	3,0	N
20163	NE	-	69,80	3,0	N
20164	U	25,0	32,00	9,0	C
20165	U	28,0	38,00	8,0	C
20166	U	41,0	57,00	9,5	C
20167	U	44,0	60,00	12,0	C
20168	U	54,0	70,00	12,0	C

Número Sabó	Tipo	Diâmetro do Eixo	Diâmetro do Alojamento	Altura do Retentor	Grupo
20169	U	62,0	70,00	9,0	C
20170	U	12,0	22,00	7,6	C
20171	U	36,0	52,00	12,0	C
20172	NE	4,0	12,00	8,0	N
20175	U	16,0	27,00	7,5	C
20177	U	30,0	39,00	4,8	C
20178	U	12,3	18,60	2,5	C
20180	G	8,7	-	0,9/1,6	J
20181	U	16,0	22,00	6,0	C
20202	UF	8,0	14,00	4,0	C
20204	NEH	22,2	28,60	6,5	C
20205	NEF	17,0	21,50	15,0	N
20210	UE	157,0	170,30	19,5	N
20235	U	14,0	23,20	3,2	C
22030	G	8,3	-	1,5/1,9	J