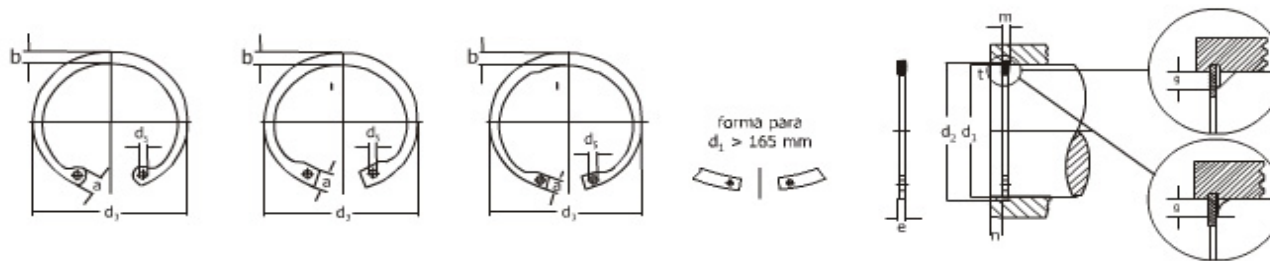


# VF VEDAÇÃO E FIXAÇÃO LTDA.

## ANÉIS PARA FURO DIN 472 TIPO I GRUPO 502

$d_3$  é o diâmetro do anel não tensionado



Os anéis do grupo 502 são fornecidos facultativamente numa das formas acima

Código VF para encomenda	$d_1$	ANEL							RANHURA				DADOS COMPLEMENTARES						
		e	$d_3$	Tol.	a max.	b ~	$d_5$ min.	Peso Kg/1000	$d_2$	Tol.	m	t	n min.	PN (Kgf)	PR (Kgf)	g máx.	PRg (Kgf)	FN (mm <sup>2</sup> )	K (Kgf mm)
502,008	8	0.80	8.7	0,36 -0,10	2.4	1.1	1.0	0.10	8.4	0.11	0.90	0.20	0.6	86	334	0.5	170	5.1	925
502,009	9	0.80	9.8		2.5	1.3	1.0	0.13	9.4	0.11	0.90	0.20	0.6	96	266	0.5	170	5.7	840
502,010	10	1.00	10.8		3.2	1.4	1.2	0.26	10.4	0.11	1.10	0.20	0.6	108	750	0.5	440	6.4	1966
502,011	11	1.00	11.8		3.3	1.5	1.2	0.31	11.4	0.11	1.10	0.20	0.6	117	790	0.5	490	7	2102
502,012	12	1.00	13.0		3.4	1.7	1.5	0.37	12.5	0.11	1.10	0.25	0.8	160	810	0.5	480	9.6	2024
502,013	13	1.00	14.1		3.6	1.8	1.5	0.42	13.6	0.11	1.10	0.30	0.9	210	840	0.5	510	12.5	2037
502,014	14	1.00	15.1		3.7	1.9	1.7	0.52	14.6	0.11	1.10	0.30	0.9	225	820	0.5	500	13.4	1978
502,015	15	1.00	16.2		3.7	2.0	1.7	0.56	15.7	0.11	1.10	0.35	1.1	280	810	0.5	490	16.8	1909
502,016	16	1.00	17.3		3.8	2.0	1.7	0.60	16.8	0.11	1.10	0.40	1.2	340	800	1.0	260	20.6	1849

502,017	17	1,00	18.3	0,42 - 0,13	3.9	2.1	1.7	0.65	17.8	0.11	1.10	0.40	1.2	360	790	1.0	250	21.8	1811
502,018	18	1,00	19.5		4.1	2.2	2.0	0.74	19.0	0.15	1.10	0.50	1.5	480	820	1.0	260	29	1825
502,019	19	1,00	20.5		4.1	2.2	2.0	0.83	20.0	0.15	1.10	0.50	1.5	510	790	1.0	250	30.6	1725
502,020	20	1,00	21.5		4.1	2.3	2.0	0.90	21.0	0.15	1.10	0.50	1.5	540	780	1.0	250	32.2	1695
502,021	21	1,00	22.5		4.2	2.4	2.0	1.00	22.0	0.15	1.10	0.50	1.5	570	810	1.0	260	33.8	1729
502,022	22	1,00	23.5		4.2	2.5	2.0	1.10	23.0	0.15	1.10	0.50	1.5	590	835	1.0	270	35.3	1760
502,023	23	1,20	24.6		4.2	2.5	2.0	1.34	24.1	0.15	1.30	0.55	1.7	680	1385	1.0	450	40.7	2885
502,024	24	1,20	25.9	0,42 - 0,21	4.3	2.6	2.0	1.42	25.2	0.21	1.30	0.60	1.8	770	1390	1.0	460	46.3	2845
502,025	25	1,20	26.9		4.5	2.7	2.0	1.50	26.2	0.21	1.30	0.60	1.8	800	1460	1.0	470	48.2	2900
502,026	26	1,20	27.9		4.7	2.8	2.0	1.60	27.2	0.21	1.30	0.60	1.8	840	1385	1.0	460	50.1	2785
502,027	27	1,20	29.1		4.7	2.9	2.0	1.75	28.4	0.21	1.30	0.70	2.1	1010	1330	1.0	450	60.9	2660
502,028	28	1,20	30.1		4.8	2.9	2.0	1.80	29.4	0.21	1.30	0.70	2.1	1050	1330	1.0	450	63.1	2635
502,029	29	1,20	31.1		4.8	3.0	2.0	1.88	30.4	0.25	1.30	0.70	2.1	1090	1360	1.0	460	65.3	2685
502,030	30	1,20	32.1		0,50 0,25	4.8	3.0	2.0	2.06	31.4	0.25	1.30	0.70	2.1	1130	1370	1.0	460	67.5
502,031	31	1,20	33.4	5.2		3.1	2.5	2.10	32.7	0.25	1.30	0.85	2.6	1410	1380	1.0	470	84.8	2680
502,032	32	1,20	34.4	5.4		3.2	2.5	2.21	33.7	0.25	1.30	0.85	2.6	1460	1380	1.0	470	87.9	2660
502,033	33	1,20	35.5	5.4		3.3	2.5	2.40	34.7	0.25	1.30	0.85	2.6	1500	1430	1.0	490	90.3	2705
502,034	34	1,50	36.5	5.4		3.3	2.5	3.20	35.7	0.25	1.60	0.85	2.6	1540	2620	1.5	630	92.6	5005
502,035	35	1,50	37.8	5.4		3.4	2.5	3.54	37.0	0.25	1.60	1.00	3.0	1880	2690	1.5	340	113	5050
502,036	36	1,50	38.8	5.4		3.5	2.5	3.70	38.0	0.25	1.60	1.00	3.0	1940	2640	1.5	640	116	5020
502,037	37	1,50	39.8	5.5		3.6	2.5	3.74	39.0	0.25	1.60	1.00	3.0	1980	2710	1.5	650	119	5100
502,038	38	1,50	40.8	5.5		3.7	2.5	3.90	40.0	0.25	1.60	1.00	3.0	2250	2820	1.5	670	123	5170
502,039	39	1,50	42.0	0,90 0,39		5.6	3.8	2.5	4.00	41.0	0.25	1.85	1.00	3.0	2600	2880	1.5	690	126
502,040	40	1,75	43.5		5.8	3.9	2.5	4.70	42.5	0.25	1.85	1.25	3.8	2700	4460	2.0	830	162	8010
502,041	41	1,75	44.5		5.9	4.0	2.5	5.10	43.5	0.25	1.85	1.25	3.8	2760	4500	2.0	830	166	8120
502,042	42	1,75	45.5		5.9	4.1	2.5	5.40	44.5	0.25	1.85	1.25	3.8	2840	4470	2.0	840	170	8090
502,043	43	1,75	46.5		5.9	4.2	2.5	5.60	45.5	0.25	1.85	1.25	3.8	2880	4450	2.0	840	173	8050
502,044	44	1,75	47.5		6.0	4.2	2.5	5.80	46.5	0.25	1.85	1.25	3.8	2950	4330	2.0	830	177	7860
502,045	45	1,75	48.5		6.2	4.3	2.5	6.00	47.5	0.25	1.85	1.25	3.8	3020	4310	2.0	820	181	7815
502,046	46	1,75	49.5		6.3	4.4	2.5	6.05	48.5	0.25	1.85	1.25	3.8	3080	4290	2.0	820	185	7785
502,047	47	1,75	50.5	6.4	4.4	2.5	6.10	49.5	0.25	1.85	1.25	3.8	3140	4350	2.0	830	189	7895	

502,048	48	1.75	51.5		6.4	4.5	2.5	6.70	50.5	0.25	1.85	1.25	4.5	3200	4820	2.0	840	193	7850
502,050	50	2.00	54.2		6.5	4.6	2.5	7.30	53.0	0.25	2.15	1.25	4.5	4050	6080	2.0	1210	243	11140
502,051	51	2.00	55.2		6.5	4.7	2.5	7.75	54.0	0.25	2.15	1.25	4.5	4120	6025	2.0	1200	247	10910
502,052	52	2.00	56.2		6.7	4.7	2.5	8.20	55.0	0.30	2.15	1.25	4.5	4200	69025	2.0	1200	252	10890
502,053	53	2.00	57.2		6.7	4.9	2.5	8.22	56.0	0.30	2.15	1.25	4.5	4290	6070	2.0	1210	257	11040
502,054	54	2.00	58.2		6.7	5.0	2.5	8.25	57.0	0.30	2.15	1.25	4.5	4360	6040	2.0	1230	262	11010
502,055	55	2.00	59.2		6.8	5.0	2.5	8.30	58.0	0.30	2.15	1.25	4.5	4440	6030	2.0	1250	266	11140
502,056	56	2.00	60.2		6.8	5.1	2.5	8.80	59.0	0.30	2.15	1.25	4.5	4520	6030	2.0	1260	271	11115
502,057	57	2.00	61.2		6.8	5.1	2.5	9.40	60.0	0.30	2.15	1.25	4.5	4600	6080	2.0	1270	276	11270
502,058	58	2.00	62.2	1,10	6.9	5.2	2.5	10.5	61.0	0.30	2.15	1.25	4.5	4670	6080	2.0	1270	280	11220
502,060	60	2.00	64.2	0,46	7.3	5.4	2.5	11.1	63.0	0.30	2.15	1.25	4.5	4830	6100	2.0	1300	290	11320
502,062	62	2.00	66.2		7.3	5.5	2.5	11.2	65.0	0.30	2.15	1.25	4.5	4980	6090	2.0	1300	299	11270
502,063	63	2.00	67.2		7.3	5.6	2.5	12.4	66.0	0.30	2.15	1.25	4.5	5060	6080	2.0	1300	304	11220
502,065	65	2.50	69.2		7.6	5.8	3.0	14.3	68.0	0.30	2.65	1.25	4.5	5180	12100	2.5	2080	313	22080
502,067	67	2.50	71.5		7.7	6.0	3.0	15.0	70.0	0.30	2.65	1.25	4.5	5380	12100	2.5	2110	323	22250
502,068	68	2.50	72.5		7.8	6.1	3.0	16.0	71.0	0.30	2.65	1.25	4.5	5450	12150	2.5	2120	327	22245
502,070	70	2.50	74.5		7.8	6.2	3.0	16.5	73.0	0.30	2.65	1.25	4.5	5620	11900	2.5	2100	337	21800
502,072	72	2.50	76.5		7.8	6.4	3.0	18.1	75.0	0.30	2.65	1.25	4.5	5800	11920	2.5	2100	346	21750
502,075	75	2.50	79.5		7.8	6.6	3.0	18.8	78.0	0.30	2.65	1.25	4.5	6000	11800	2.5	2100	360	21580
502,077	77	2.50	81.5		7.9	6.7	3.0	19.0	80.0	0.30	2.65	1.25	4.5	6160	12110	2.5	2150	370	22000
502,078	78	2.50	82.5		8.5	6.8	3.0	20.4	81.0	0.35	2.65	1.25	4.5	6230	12250	2.5	2180	374	22180
502,080	80	2.50	85.5		8.5	7.0	3.0	22.0	83.5	0.35	2.65	1.75	5.3	7460	12090	2.5	2180	448	21900
502,081	81	2.50	86.5	1,30	8.5	7.0	3.0	23.0	84.5	0.35	2.65	1.75	5.3	7580	11990	2.5	2160	455	21650
502,082	82	2.50	87.5	0,54	8.5	7.0	3.0	24.0	85.5	0.35	2.65	1.75	5.3	7660	11900	2.5	2140	460	21400
502,085	85	3.00	90.5		8.6	7.2	3.5	25.3	88.5	0.35	3.15	1.75	5.3	7950	20140	3.0	3120	477	36400
502,087	87	3.00	92.5		8.6	7.3	3.5	27.0	90.5	0.35	3.15	1.75	5.3	8130	20450	3.0	3180	488	37400
502,088	88	3.00	93.6		8.6	7.4	3.5	28.0	91.5	0.35	3.15	1.75	5.3	8210	20940	3.0	3270	493	38050
502,090	90	3.00	95.5		8.6	7.6	3.5	31.0	93.5	0.35	3.15	1.75	5.3	8400	19900	3.0	3140	504	36450
502,092	92	3.00	97.5	1,30	8.7	7.8	3.5	32.0	95.5	0.35	3.15	1.75	5.3	8580	20100	3.0	3200	515	37150
502,095	95	3.00	100.5	0,54	8.8	8.1	3.5	35.0	98.5	0.35	3.15	1.75	5.3	8860	19500	3.0	3140	532	36550
502,097	97	3.00	102.5		8.8	8.2	3.5	36.5	100.5	0.35	3.15	1.75	5.3	9050	19300	3.0	3120	543	36400

502,098	98	3.00	103.5	1,50 0,63	9.0	8.3	3.5	37.0	101.5	0.35	3.15	1.75	5.3	9130	19100	3.0	3100	548	36100
502,100	100	3.00	105.5		9.2	8.4	3.5	38.0	103.5	0.35	3.15	1.75	5.3	9310	18800	3.0	3080	559	35950
502,102	102	4.00	108.0		9.5	8.5	3.5	55.0	106.0	0.54	4.15	2.00	6.0	10880	43900	3.0	7260	653	84600
502,105	105	4.00	112.0		9.5	8.7	3.5	56.0	109.0	0.54	4.15	2.00	6.0	11200	43600	3.0	7300	672	85000
502,107	107	4.00	114.0		9.5	8.8	3.5	58.5	111.0	0.54	4.15	2.00	6.0	11400	42500	3.0	7160	684	83400
502,108	108	4.00	115.0		9.5	8.9	3.5	60.0	112.0	0.54	4.15	2.00	6.0	11500	41900	3.0	7100	691	82550
502,110	110	4.00	117.0		10.4	9.0	3.5	64.5	114.0	0.54	4.15	2.00	6.0	11700	41500	3.0	7100	704	82450
502,112	112	4.00	119.0		10.5	9.1	3.5	72.0	116.0	0.54	4.15	2.00	6.0	11900	41800	3.0	7200	715	83700
502,115	115	4.00	122.0		10.5	9.3	3.5	74.5	119.0	0.54	4.15	2.00	6.0	12200	40900	3.0	7120	735	82900
502,117	117	4.00	124.0		10.6	9.5	3.5	75.0	121.0	0.63	4.15	2.00	6.0	12400	39900	3.0	7000	747	81400
502,118	118	4.00	125.0		10.7	9.6	3.5	75.5	122.0	0.63	4.15	2.00	6.0	12500	39400	3.0	6930	754	80700
502,120	120	4.00	127.0		11.0	9.7	3.5	77.0	124.0	0.63	4.15	2.00	6.0	12700	39600	3.0	7000	767	81800
502,122	122	4.00	129.0		11.0	9.8	4.0	78.0	126.0	0.63	4.15	2.00	6.0	12900	39900	3.0	7100	779	82900
502,125	125	4.00	132.0		11.0	10.0	4.0	79.0	129.0	0.63	4.15	2.00	6.0	13200	38500	3.0	7000	797	80900
502,127	127	4.00	134.0		11.0	10.1	4.0	80.0	131.0	0.63	4.15	2.00	6.0	13500	38300	3.0	7000	810	80800
502,128	128	4.00	135.0		11.0	10.2	4.0	81.0	132.0	0.63	4.15	2.00	6.0	13600	37800	3.0	6900	816	80200
502,130	130	4.00	137.0		11.0	10.2	4.0	82.0	134.0	0.63	4.15	2.00	6.0	13800	37400	3.0	6900	829	80100
502,132	132	4.00	139.0		11.0	10.3	4.0	83.0	136.0	0.63	4.15	2.00	6.0	14000	36600	3.0	6800	842	78950
502,135	135	4.00	142.0		11.2	10.5	4.0	84.0	139.0	0.63	4.15	2.00	6.0	14300	35800	3.0	6700	860	78100
502,137	137	4.00	144.0		11.2	10.5	4.0	85.5	141.0	0.63	4.15	2.00	6.0	14500	35600	3.0	6700	874	78000
502,138	138	4.00	145.0		11.2	10.6	4.0	86.0	142.0	0.63	4.15	2.00	6.0	14600	35200	3.0	6650	880	77500
502,140	140	4.00	147.0		11.2	10.7	4.0	87.5	144.0	0.63	4.15	2.00	6.0	14800	35000	3.0	6650	892	77500
502,142	142	4.00	149.0		11.3	10.8	4.0	89.0	146.0	0.63	4.15	2.00	6.0	15000	34200	3.0	6550	905	76400
502,145	145	4.00	152.0		11.4	10.9	4.0	93.0	149.0	0.63	4.15	2.00	6.0	15300	33600	3.0	6500	923	75700
502,147	147	4.00	154.0		11.6	11.0	4.0	96.0	151.0	0.63	4.15	2.00	6.0	15600	33600	3.0	6500	936	75700
502,148	148	4.00	155.0		11.8	11.1	4.0	100	152.0	0.63	4.15	2.00	6.0	15700	33100	3.0	6450	942	75300
502,150	150	4.00	158.0		12.0	11.2	4.0	105	155.0	0.63	4.15	2.50	7.5	19100	32600	3.0	6400	1198	74800
502,152	152	4.00	161.0		12.0	11.3	4.0	106	157.0	0.63	4.15	2.50	7.5	20200	32600	3.5	5500	1212	74700
502,155	155	4.00	164.0		12.0	11.4	4.0	107	160.0	0.63	4.15	2.50	7.5	20600	32400	3.5	5500	1237	74300
502,157	157	4.00	166.0		12.0	11.5	4.0	108	162.0	0.63	4.15	2.50	7.5	20800	32800	3.5	5550	1251	75200
502,158	158	4.00	167.0	12.3	11.5	4.0	109	163.0	0.63	4.15	2.50	7.5	21000	32600	3.5	5500	1260	74750	

502,160	160	4.00	169.0
502,162	162	4.00	171.5
502,165	165	4.00	174.5
502,167	167	4.00	176.5
502,168	168	4.00	177.5
502,170	170	4.00	179.5
502,172	172	4.00	181.5
502,175	175	4.00	184.5
502,177	177	4.00	186.5
502,178	178	4.00	187.5
502,180	180	4.00	189.5
502,182	182	4.00	191.5
502,185	185	4.00	194.5
502,187	187	4.00	196.5
502,188	188	4.00	197.5
502,190	190	4.00	199.5
502,192	192	4.00	201.5
502,195	195	4.00	204.5
502,197	197	4.00	206.5
502,198	198	4.00	207.5
502,200	200	4.00	209.5
502,202	202	5.00	214.0
502,205	205	5.00	217.0
502,207	207	5.00	219.0
502,208	208	5.00	220.0
502,210	210	5.00	222.0
502,212	212	5.00	224.0
502,215	215	5.00	227.0
502,217	217	5.00	229.0
502,218	218	5.00	230.0
502,220	220	5.00	232.0

1,70  
0,72

13.0	11.6	4.0	110	165.0	0.63	4.15	2.50	7.5	21200	32100	3.5	5450	1275	73700
13.0	11.7	4.0	118	167.0	0.63	4.15	2.50	7.5	21500	32100	3.5	5450	1290	73650
13.0	11.8	4.0	125	170.0	0.63	4.15	2.50	7.5	21900	31900	3.5	5400	1315	73200
	12.0	4.0	130	172.0	0.63	4.15	2.50	7.5	22100	35500	3.5	6000	1330	81450
	12.1	4.0	135	173.0	0.63	4.15	2.50	7.5	22300	35300	3.5	6000	1339	81000
	12.2	4.0	140	175.0	0.63	4.15	2.50	7.5	22500	34900	3.5	5900	1355	80000
	12.5	4.0	145	177.0	0.63	4.15	2.50	7.5	22800	35700	3.5	6000	1370	81800
	12.7	4.0	150	180.0	0.63	4.15	2.50	7.5	23200	35100	3.5	5900	1393	80400
	12.8	4.0	155	182.0	0.72	4.15	2.50	7.5	23500	34600	3.5	5850	1410	79400
	12.9	4.0	162	183.0	0.72	4.15	2.50	7.5	23600	34400	3.5	5800	1418	78900
	13.2	4.0	165	185.0	0.72	4.15	2.50	7.5	23800	34700	3.5	5850	1432	79650
	13.5	4.0	198	187.0	0.72	4.15	2.50	7.5	24100	35500	3.5	6000	1449	81400
	13.7	4.0	170	190.0	0.72	4.15	2.50	7.5	24500	34900	3.5	5900	1471	80000
	13.7	4.0	173	192.0	0.72	4.15	2.50	7.5	24800	34500	3.5	5850	1490	79200
	13.8	4.0	174	193.0	0.72	4.15	2.50	7.5	24900	34300	3.5	5800	1495	78600
	13.8	4.0	175	195.0	0.72	4.15	2.50	7.5	25100	34000	3.5	5750	1510	77900
	13.8	4.0	178	197.0	0.72	4.15	2.50	7.5	25400	33600	3.5	5700	1528	77000
	13.8	4.0	183	200.0	0.72	4.15	2.50	7.5	25800	33000	3.5	5550	1550	75650
	14.0	4.0	188	202.0	0.72	4.15	2.50	7.5	26000	33000	3.5	5550	1565	75600
	14.0	4.0	190	203.0	0.72	4.15	2.50	7.5	26200	32900	3.5	5550	1575	75400
	14.0	4.0	195	205.0	0.72	4.15	2.50	7.5	26500	32500	3.5	5550	1590	74500
	14.0	4.0	210	508.0	0.72	5.15	3.00	9.0	32100	62500	4.0	9250	1930	143250
	14.0	4.0	225	211.0	0.72	5.15	3.00	9.0	32600	61600	4.0	9150	1960	141150
	14.0	4.0	240	213.0	0.72	5.15	3.00	9.0	32900	61000	4.0	9000	1979	139900
	14.0	4.0	255	214.0	0.72	5.15	3.00	9.0	33100	60700	4.0	9000	1990	139200
	14.0	4.0	270	216.0	0.72	5.15	3.00	9.0	33300	60100	4.0	8950	2002	137800
	14.0	4.0	285	218.0	0.72	5.15	3.00	9.0	33700	59600	4.0	8850	2025	136700
	14.0	4.0	300	221.0	0.72	5.15	3.00	9.0	34100	58600	4.0	8700	2050	134350
	14.0	4.0	305	223.0	0.72	5.15	3.00	9.0	34500	58100	4.0	8600	2072	133100
	14.0	4.0	308	224.0	0.72	5.15	3.00	9.0	34600	58000	4.0	8600	2080	132900
	14.0	4.0	315	226.0	0.72	5.15	3.00	9.0	34900	57400	4.0	8500	2095	131650

502,222	222	5.00	234.0		14.0	4.0	320	228.0	0.72	5.15	3.00	9.0	35300	56800	4.0	8400	2120	130300
502,225	225	5.00	237.0		14.0	4.0	323	231.0	0.72	5.15	3.00	9.0	35700	56000	4.0	8300	2145	128300
502,227	227	5.00	239.0		14.0	4.0	325	233.0	0.72	5.15	3.00	9.0	36100	55500	4.0	8200	2170	127150
502,228	228	5.00	240.0		14.0	4.0	328	234.0	0.72	5.15	3.00	9.0	36200	55400	4.0	8200	2175	126850
502,230	230	5.00	242.0		14.0	4.0	330	236.0	0.72	5.15	3.00	9.0	36500	54900	4.0	8100	2195	125900
502,232	232	5.00	244.0		14.0	4.0	335	238.0	0.72	5.15	3.00	9.0	36900	54400	4.0	8050	2215	124600
502,235	235	5.00	247.0		14.0	4.0	338	241.0	0.72	5.15	3.00	9.0	37300	53600	4.0	7950	2240	122950
502,237	237	5.00	249.0		14.0	4.0	340	243.0	0.72	5.15	3.00	9.0	37600	53100	4.0	7900	2260	121750
502,238	238	5.00	250.0		14.0	4.0	343	244.0	0.72	5.15	3.00	9	37800	53000	4.0	7900	2270	121400
502,240	240	5.00	252.0	2,00/-0,81	14.0	4.0	345	246.0	0.72	5.15	3.00	9	38000	52500	4.0	7750	2285	120400

Utilizar códigos em **AZUL** preferencialmente.

Dimensões acima de 160 mm sob consulta.

Reservamo-nos ao direito de modificação das dimensões acima sem consulta prévia.