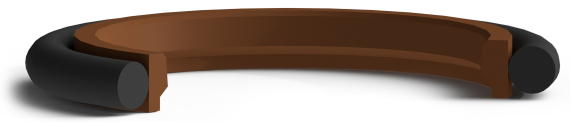


VEDANTES CAMISA

IGR/S em (PTFE)



Geral

O Vedante IGR é um vedante aplicado na camisa de simples efeito. É composto por um elemento de vedação em PTFE e um o-ring que energiza o PTFE e lhe fornece estabilidade. O elemento em PTFE permite uma boa vedação de baixo atrito e alta resistência ao desgaste.

Vantagens

- Alojamento simples;
- Grande durabilidade;
- Boa resistência à extrusão;
- Baixo atrito;
- Alta velocidade de movimento linear;
- Vasta gama de temperatura e produtos químicos, dependendo do material o-ring.

Aplicações

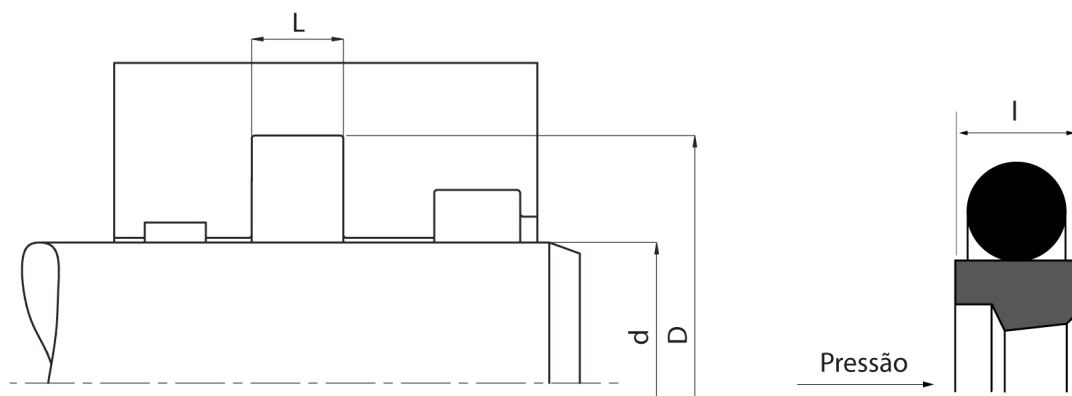
Máquinas de moldagem por injeção, empilhadores, plataformas de carga, guindastes, máquinas agrícolas, máquinas de movimentação de terra e válvulas para sistemas hidráulicos e pneumáticos.

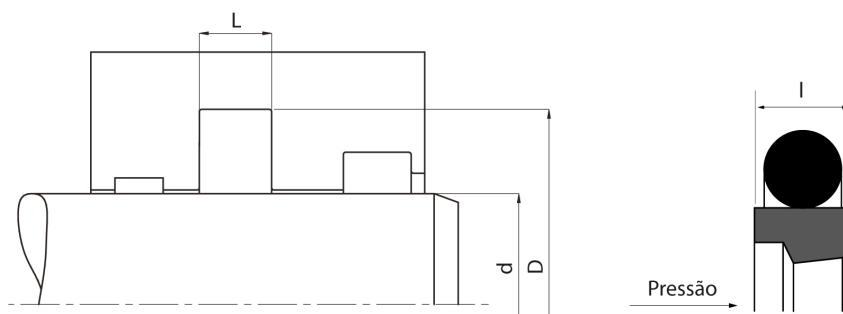
Instalação

Este vedante deve ser montado por um técnico especializado. Em primeiro lugar deve ser montado o o-ring e de seguida o elemento em PTFE. O lado do ressalto é virado para o lado da pressão. Os chanfros necessários no pistão e na camisa devem ser isentos de rebarbas e arredondados. É muito importante que as ferramentas de montagem sejam de um material macio e não terem arestas vivas. Antes da instalação, o elemento da vedação e o alojamento devem ser oleados com fluido do sistema.

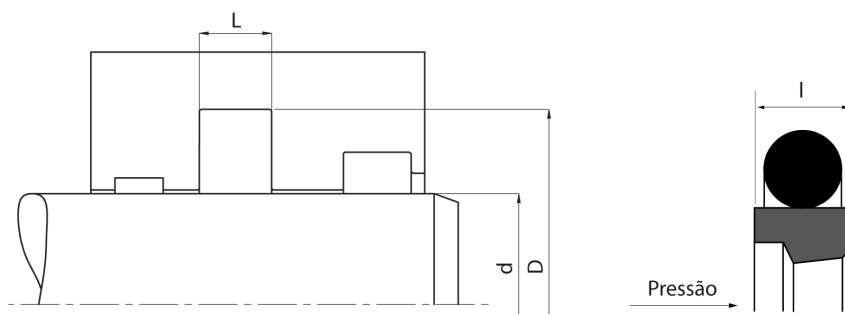
Condições de Funcionamento

Pressão Máxima (Bar)	400
Temperatura Máxima (°C)	-30 a +105
Velocidade Máxima (m/s)	0,8

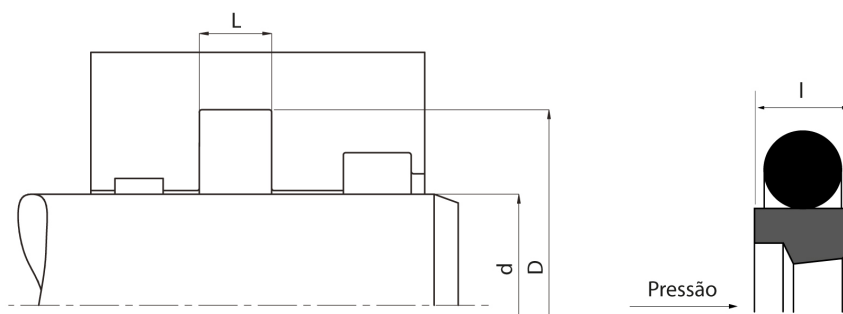




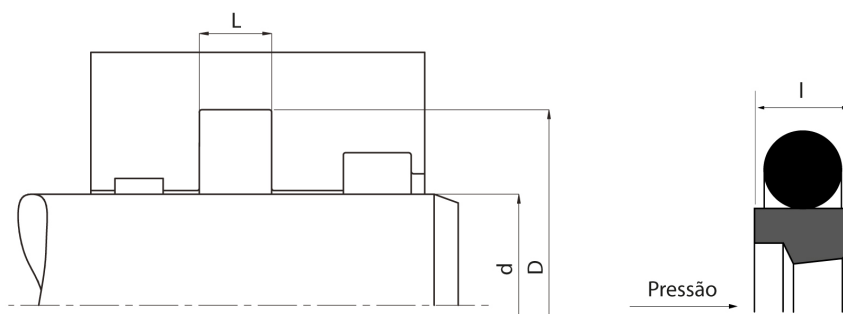
Código HM	Descrição: d x D x L	d D. Interior	D D. Exterior	L Largura Caixa	O-Rings
	IGR/S 002.50 x 006.90 x 02.20 PTFE	002,50	006,90	02,20	004.47 x 01.78
	IGR/S 003.00 x 007.90 x 02.20 PTFE	003,00	007,90	02,20	004.47 x 01.78
V28.004.01	IGR/S 004.00 x 008.90 x 02.20 PTFE	004,00	008,90	02,20	005.28 x 01.78
V28.005.01	IGR/S 005.00 x 009.90 x 02.20 PTFE	005,00	009,90	02,20	006.07 x 01.78
V28.006.01	IGR/S 006.00 x 010.90 x 02.20 PTFE	006,00	010,90	02,20	007.65 x 01.78
V28.007.01	IGR/S 007.00 x 011.90 x 02.20 PTFE	007,00	011,90	02,20	008.74 x 01.78
V28.008.02	IGR/S 008.00 x 012.90 x 02.20 PTFE	008,00	012,90	02,20	009.52 x 01.78
V28.008.01	IGR/S 008.00 x 015.30 x 03.20 PTFE	008,00	015,30	03,20	010.78 x 02.62
	IGR/S 009.00 x 013.90 x 02.20 PTFE	009,00	013,90	02,20	010.82 x 01.78
	IGR/S 009.00 x 016.30 x 03.20 PTFE	009,00	016,30	03,20	010.78 x 02.62
V28.010.01	IGR/S 010.00 x 014.90 x 02.20 PTFE	010,00	014,90	02,20	011.10 x 01.78
V28.010.02	IGR/S 010.00 x 017.30 x 03.20 PTFE	010,00	017,30	03,20	012.37 x 02.62
V28.012.02	IGR/S 012.00 x 016.90 x 02.20 PTFE	012,00	016,90	02,20	014.00 x 01.78
V28.012.01	IGR/S 012.00 x 019.30 x 03.20 PTFE	012,00	019,30	03,20	013.94 x 02.62
	IGR/S 012.70 x 017.60 x 02.20 PTFE	012,70	017,60	02,20	014.00 x 01.78
	IGR/S 012.70 x 020.00 x 03.20 PTFE	012,70	020,00	03,20	015.54 x 02.62
V28.013.01	IGR/S 013.00 x 020.30 x 03.20 PTFE	013,00	020,30	03,20	015.88 x 02.62
V28.014.01	IGR/S 014.00 x 018.90 x 02.20 PTFE	014,00	018,90	02,20	015.60 x 01.78
V28.014.02	IGR/S 014.00 x 021.30 x 03.20 PTFE	014,00	021,30	03,20	017.12 x 02.62
V28.014.03	IGR/S 014.00 x 024.70 x 04.20 PTFE	014,00	024,70	04,20	018.64 x 03.53
V28.015.02	IGR/S 015.00 x 019.90 x 02.20 PTFE	015,00	019,90	02,20	017.17 x 01.78
V28.015.01	IGR/S 015.00 x 022.30 x 03.20 PTFE	015,00	022,30	03,20	017.12 x 02.62
V28.016.01	IGR/S 016.00 x 020.90 x 02.20 PTFE	016,00	020,90	02,20	017.17 x 01.78
V28.016.02	IGR/S 016.00 x 023.30 x 03.20 PTFE	016,00	023,30	03,20	018.72 x 02.62
	IGR/S 017.00 x 021.90 x 02.20 PTFE	017,00	021,90	02,20	018.77 x 01.78
V28.017.01	IGR/S 017.00 x 024.30 x 03.20 PTFE	017,00	024,30	03,20	020.29 x 02.62
V28.018.01	IGR/S 018.00 x 022.90 x 02.20 PTFE	018,00	022,90	02,20	018.77 x 01.78
V28.018.02	IGR/S 018.00 x 025.30 x 03.20 PTFE	018,00	025,30	03,20	020.29 x 02.62
	IGR/S 019.00 x 029.70 x 04.20 PTFE	019,00	029,70	04,20	023.39 x 03.53



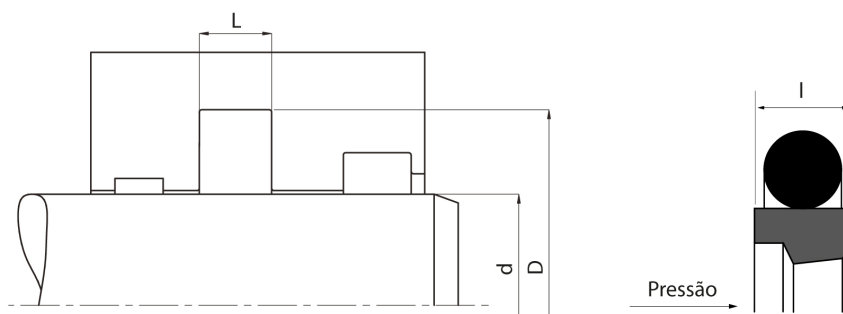
Código HM	Descrição: d x D x L	d D. Interior	D D. Exterior	L Largura Caixa	O-Rings
V28.020.01	IGR/S 020.00 x 027.30 x 03.20 PTFE	020,00	027,30	03,20	021.89 x 02.62
V28.020.02	IGR/S 020.00 x 030.70 x 04.20 PTFE	020,00	030,70	04,20	023.39 x 03.53
V28.022.01	IGR/S 022.00 x 029.30 x 03.20 PTFE	022,00	029,30	03,20	025.07 x 02.62
	IGR/S 022.00 x 029.50 x 03.20 PTFE	022,00	029,50	03,20	025.07 x 02.62
V28.022.02	IGR/S 022.00 x 032.70 x 04.20 PTFE	022,00	032,70	04,20	026.57 x 03.53
V28.024.03	IGR/S 024.00 x 028.90 x 02.20 PTFE	024,00	028,90	02,20	025.12 x 01.78
V28.024.02	IGR/S 024.00 x 031.30 x 03.20 PTFE	024,00	031,30	03,20	026.64 x 02.62
V28.024.01	IGR/S 024.00 x 034.70 x 04.20 PTFE	024,00	034,70	04,20	028.17 x 03.53
V28.025.01	IGR/S 025.00 x 032.30 x 03.20 PTFE	025,00	032,30	03,20	028.24 x 02.62
V28.025.02	IGR/S 025.00 x 035.70 x 04.20 PTFE	025,00	035,70	04,20	029.74 x 03.53
	IGR/S 025.00 x 040.10 x 06.30 PTFE	025,00	040,10	06,30	031.12 x 05.33
V28.025.03	IGR/S 025.40 x 032.70 x 03.20 PTFE	025,40	032,70	03,20	028.24 x 02.62
	IGR/S 025.40 x 036.10 x 04.20 PTFE	025,40	036,10	04,20	029.74 x 03.53
V28.026.02	IGR/S 026.00 x 033.30 x 03.20 PTFE	026,00	033,30	03,20	028.24 x 02.62
V28.026.01	IGR/S 026.00 x 036.70 x 04.20 PTFE	026,00	036,70	04,20	029.74 x 03.53
V28.028.01	IGR/S 028.00 x 035.30 x 03.20 PTFE	028,00	035,30	03,20	029.82 x 02.62
V28.028.02	IGR/S 028.00 x 038.70 x 04.20 PTFE	028,00	038,70	04,20	032.92 x 03.53
	IGR/S 028.00 x 043.10 x 06.30 PTFE	028,00	043,10	06,30	034.29 x 05.33
	IGR/S 028.57 x 035.87 x 03.20 PTFE	028,57	035,87	03,20	031.42 x 02.62
V28.030.01	IGR/S 030.00 x 037.30 x 03.20 PTFE	030,00	037,30	03,20	032.99 x 02.62
V28.030.02	IGR/S 030.00 x 040.70 x 04.20 PTFE	030,00	040,70	04,20	034.52 x 03.53
V28.030.03	IGR/S 030.00 x 045.10 x 06.30 PTFE	030,00	045,10	06,30	037.47 x 05.33
V28.032.02	IGR/S 032.00 x 039.30 x 03.20 PTFE	032,00	039,30	03,20	034.59 x 02.62
V28.032.01	IGR/S 032.00 x 042.70 x 04.20 PTFE	032,00	042,70	04,20	036.09 x 03.53
	IGR/S 032.00 x 047.10 x 06.30 PTFE	032,00	047,10	06,30	037.47 x 05.33
V28.035.02	IGR/S 035.00 x 042.30 x 03.20 PTFE	035,00	042,30	03,20	037.77 x 02.62
V28.035.01	IGR/S 035.00 x 045.70 x 04.20 PTFE	035,00	045,70	04,20	037.69 x 03.53
	IGR/S 035.00 x 050.10 x 06.30 PTFE	035,00	050,10	06,30	040.64 x 05.33
V28.036.02	IGR/S 036.00 x 043.30 x 03.20 PTFE	036,00	043,30	03,20	039.34 x 02.62



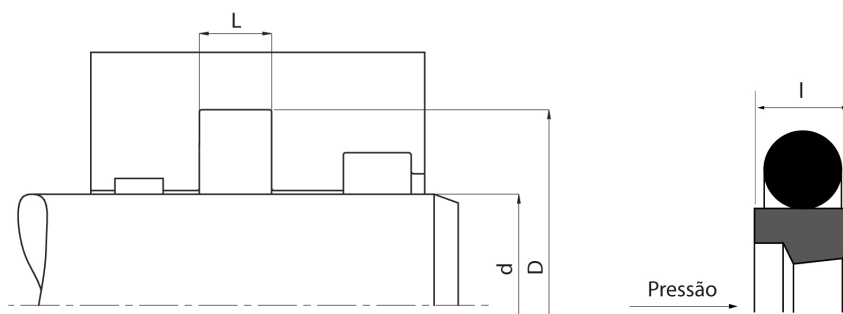
Código HM	Descrição: d x D x L	d D. Interior	D D. Exterior	L Largura Caixa	O-Rings
V28.036.01	IGR/S 036.00 x 046.70 x 04.20 PTFE	036,00	046,70	04,20	040.87 x 03.53
	IGR/S 037.00 x 044.30 x 03.20 PTFE	037,00	044,30	03,20	039.34 x 02.62
V28.037.01	IGR/S 037.00 x 047.70 x 04.20 PTFE	037,00	047,70	04,20	040.87 x 03.53
V28.038.02	IGR/S 038.00 x 048.70 x 04.20 PTFE	038,00	048,70	04,20	040.87 x 03.53
V28.038.01	IGR/S 038.00 x 053.10 x 06.30 PTFE	038,00	053,10	06,30	043.82 x 05.33
	IGR/S 038.00 x 058.50 x 08.10 PTFE	038,00	058,50	08,10	045.00 x 07.00
V28.040.01	IGR/S 040.00 x 050.70 x 04.20 PTFE	040,00	050,70	04,20	044.04 x 03.53
V28.040.02	IGR/S 040.00 x 055.10 x 06.30 PTFE	040,00	055,10	06,30	046.99 x 05.33
	IGR/S 040.00 x 060.50 x 08.10 PTFE	040,00	060,50	08,10	047.00 x 07.00
V28.041.01	IGR/S 041.00 x 051.70 x 04.20 PTFE	041,00	051,70	04,20	046.02 x 03.53
V28.042.02	IGR/S 042.00 x 052.70 x 04.20 PTFE	042,00	052,70	04,20	047.22 x 03.53
V28.042.01	IGR/S 042.00 x 057.10 x 06.30 PTFE	042,00	057,10	06,30	046.99 x 05.33
	IGR/S 042.00 x 062.50 x 08.10 PTFE	042,00	062,50	08,10	050.00 x 07.00
	IGR/S 043.00 x 053.70 x 04.20 PTFE	043,00	053,70	04,20	047.22 x 03.53
V28.044.01	IGR/S 044.45 x 055.15 x 04.20 PTFE	044,45	055,15	04,20	049.20 x 03.53
V28.044.02	IGR/S 044.45 x 059.55 x 06.30 PTFE	044,45	059,55	06,30	050.17 x 05.33
V28.045.01	IGR/S 045.00 x 055.70 x 04.20 PTFE	045,00	055,70	04,20	050.39 x 03.53
V28.045.02	IGR/S 045.00 x 060.10 x 06.30 PTFE	045,00	060,10	06,30	050.17 x 05.33
	IGR/S 045.00 x 065.50 x 08.10 PTFE	045,00	065,50	08,10	053.00 x 07.00
V28.046.01	IGR/S 046.00 x 056.70 x 04.20 PTFE	046,00	056,70	04,20	050.80 x 03.53
	IGR/S 047.00 x 057.70 x 04.20 PTFE	047,00	057,70	04,20	050.80 x 03.53
	IGR/S 048.00 x 058.70 x 04.20 PTFE	048,00	058,70	04,20	050.80 x 03.53
V28.048.01	IGR/S 048.00 x 063.10 x 06.30 PTFE	048,00	063,10	06,30	053.34 x 05.33
	IGR/S 048.00 x 068.50 x 08.10 PTFE	048,00	068,50	08,10	058.00 x 07.00
V28.050.01	IGR/S 050.00 x 060.70 x 04.20 PTFE	050,00	060,70	04,20	053.57 x 03.53
V28.050.02	IGR/S 050.00 x 065.10 x 06.30 PTFE	050,00	065,10	06,30	056.52 x 05.33
	IGR/S 050.00 x 070.50 x 08.10 PTFE	050,00	070,50	08,10	058.00 x 07.00
	IGR/S 050.80 x 061.50 x 04.20 PTFE	050,80	061,50	04,20	053.57 x 03.53
	IGR/S 050.80 x 065.90 x 06.30 PTFE	050,80	065,90	06,30	056.52 x 05.33



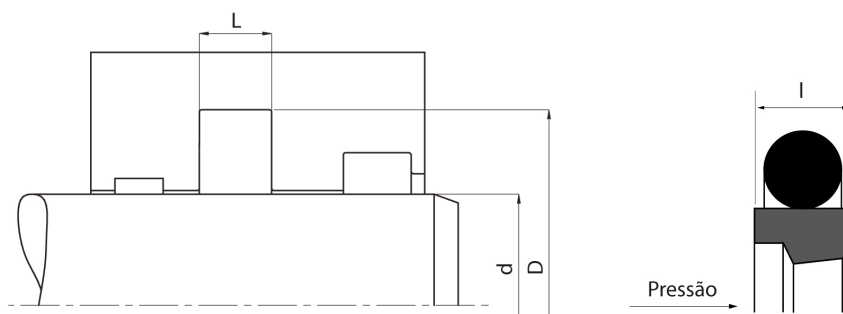
Código HM	Descrição: d x D x L	d D. Interior	D D. Exterior	L Largura Caixa	O-Rings
V28.051.01	IGR/S 051.00 x 061.70 x 04.20 PTFE	051,00	061,70	04,20	055.56 x 03.53
V28.052.02	IGR/S 052.00 x 062.70 x 04.20 PTFE	052,00	062,70	04,20	056.74 x 03.53
V28.052.01	IGR/S 052.00 x 067.10 x 06.30 PTFE	052,00	067,10	06,30	056.52 x 05.33
V28.054.01	IGR/S 054.00 x 064.70 x 04.20 PTFE	054,00	064,70	04,20	057.15 x 03.53
	IGR/S 054.00 x 069.10 x 06.30 PTFE	054,00	069,10	06,30	059.69 x 05.33
V28.055.02	IGR/S 055.00 x 065.70 x 04.20 PTFE	055,00	065,70	04,20	059.92 x 03.53
V28.055.01	IGR/S 055.00 x 070.10 x 06.30 PTFE	055,00	070,10	06,30	056.69 x 05.33
	IGR/S 055.00 x 075.50 x 08.10 PTFE	055,00	075,50	08,10	064.00 x 07.00
V28.056.01	IGR/S 056.00 x 066.70 x 04.20 PTFE	056,00	066,70	04,20	059.92 x 03.53
V28.056.02	IGR/S 056.00 x 071.10 x 06.30 PTFE	056,00	071,10	06,30	062.87 x 05.33
V28.056.03	IGR/S 056.00 x 076.50 x 08.10 PTFE	056,00	076,50	08,10	064.00 x 07.00
V28.057.01	IGR/S 057.00 x 072.10 x 06.30 PTFE	057,00	072,10	06,30	062.87 x 05.33
V28.058.01	IGR/S 058.00 x 073.10 x 06.30 PTFE	058,00	073,10	06,30	062.87 x 05.33
	IGR/S 059.00 x 069.70 x 04.20 PTFE	059,00	069,70	04,20	063.09 x 03.53
V28.060.02	IGR/S 060.00 x 070.70 x 04.20 PTFE	060,00	070,70	04,20	063.09 x 03.53
V28.060.01	IGR/S 060.00 x 075.10 x 06.30 PTFE	060,00	075,10	06,30	066.04 x 05.33
	IGR/S 060.00 x 080.50 x 08.10 PTFE	060,00	080,50	08,10	068.00 x 07.00
V26.063.02	IGR/S 063.00 x 073.70 x 04.20 PTFE	063,00	073,70	04,20	066.27 x 03.53
V28.063.01	IGR/S 063.00 x 078.10 x 06.30 PTFE	063,00	078,10	06,30	069.22 x 05.33
	IGR/S 063.00 x 085.50 x 08.10 PTFE	063,00	085,50	08,10	070.00 x 07.00
V28.063.03	IGR/S 063.50 x 078.60 x 06.30 PTFE	063,50	078,60	06,30	069.22 x 05.33
V28.065.02	IGR/S 065.00 x 075.70 x 04.20 PTFE	065,00	075,70	04,20	069.44 x 03.53
V28.065.01	IGR/S 065.00 x 080.10 x 06.30 PTFE	065,00	080,10	06,30	069.22 x 05.33
	IGR/S 065.00 x 090.50 x 08.10 PTFE	065,00	090,50	08,10	073.00 x 07.00
	IGR/S 067.00 x 077.70 x 04.20 PTFE	067,00	077,70	04,20	072.62 x 03.53
	IGR/S 067.00 x 082.10 x 04.20 PTFE	067,00	082,10	04,20	072.62 x 03.53
	IGR/S 068.00 x 078.70 x 04.20 PTFE	068,00	078,70	04,20	072.62 x 03.53
V28.068.01	IGR/S 068.00 x 083.10 x 06.30 PTFE	068,00	083,10	06,30	072.39 x 05.33
	IGR/S 069.00 x 084.10 x 06.30 PTFE	069,00	084,10	06,30	075.57 x 05.33



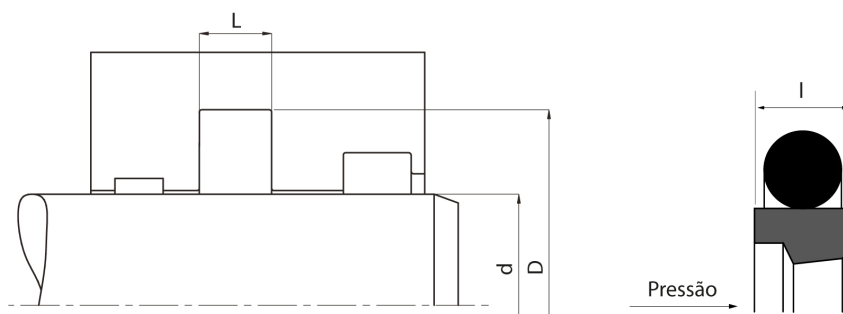
Código HM	Descrição: d x D x L	d D. Interior	D D. Exterior	L Largura Caixa	O-Rings
V28.070.02	IGR/S 070.00 x 080.70 x 04.20 PTFE	070,00	080,70	04,20	075.79 x 03.53
V28.070.01	IGR/S 070.00 x 085.10 x 06.30 PTFE	070,00	085,10	06,30	075.57 x 05.33
V28.070.03	IGR/S 070.00 x 090.50 x 08.10 PTFE	070,00	090,50	08,10	079.00 x 07.00
	IGR/S 072.00 x 082.70 x 04.20 PTFE	072,00	082,50	04,20	075.79 x 03.53
V28.073.01	IGR/S 073.00 x 088.10 x 06.30 PTFE	073,00	088,10	06,30	078.74 x 05.33
	IGR/S 074.00 x 089.10 x 06.30 PTFE	074,00	089,10	06,30	078.74 x 05.33
V28.075.02	IGR/S 075.00 x 085.70 x 04.20 PTFE	075,00	085,70	04,20	078.97 x 03.53
V28.075.01	IGR/S 075.00 x 090.10 x 06.30 PTFE	075,00	090,10	06,30	081.92 x 05.33
	IGR/S 075.00 x 100.50 x 08.10 PTFE	075,00	100,50	08,10	085.00 x 07.00
V28.076.01	IGR/S 076.20 x 091.30 x 06.30 PTFE	076,20	091,30	06,30	081.92 x 05.33
V26.078.01	IGR/S 078.00 x 093.10 x 06.30 PTFE	078,00	093,10	06,30	085.09 x 05.33
V28.080.02	IGR/S 080.00 x 090.70 x 04.20 PTFE	080,00	090,70	04,20	085.32 x 03.53
V28.080.01	IGR/S 080.00 x 095.10 x 06.30 PTFE	080,00	095,10	06,30	085.09 x 05.33
	IGR/S 080.00 x 100.50 x 08.10 PTFE	080,00	100,50	08,10	090.00 x 07.00
V28.082.01	IGR/S 082.50 x 097.60 x 06.30 PTFE	085,50	097,60	06,30	088.27 x 05.33
	IGR/S 083.00 x 093.70 x 04.20 PTFE	083,00	093,70	04,20	088.49 x 03.53
V28.085.03	IGR/S 085.00 x 095.70 x 04.20 PTFE	085,00	095,70	04,20	088.49 x 03.53
V28.085.01	IGR/S 085.00 x 100.10 x 06.30 PTFE	085,00	100,10	06,30	091.44 x 05.33
V28.085.02	IGR/S 085.00 x 105.50 x 08.10 PTFE	085,00	105,50	08,10	095.00 x 07.00
	IGR/S 089.00 x 104.10 x 06.30 PTFE	089,00	104,10	06,30	094.62 x 05.33
V28.090.01	IGR/S 090.00 x 100.70 x 04.20 PTFE	090,00	100,70	04,20	094.84 x 03.53
V28.090.02	IGR/S 090.00 x 105.10 x 06.30 PTFE	090,00	105,10	06,30	094.62 x 05.33
V28.090.03	IGR/S 090.00 x 110.50 x 08.10 PTFE	090,00	110,50	08,10	100.00 x 07.00
	IGR/S 092.00 x 102.70 x 04.20 PTFE	092,00	102,70	04,20	098.02 x 03.53
	IGR/S 092.00 x 107.10 x 06.30 PTFE	092,00	107,10	06,30	097.79 x 05.33
V28.095.02	IGR/S 095.00 x 105.70 x 04.20 PTFE	095,00	105,70	04,20	101.19 x 03.53
V28.095.01	IGR/S 095.00 x 110.10 x 06.30 PTFE	095,00	110,10	06,30	100.97 x 05.33
	IGR/S 095.00 x 115.10 x 08.10 PTFE	095,00	115,10	08,10	106.00 x 07.00
	IGR/S 095.00 x 120.50 x 08.10 PTFE	095,00	120,50	08,10	106.00 x 07.00



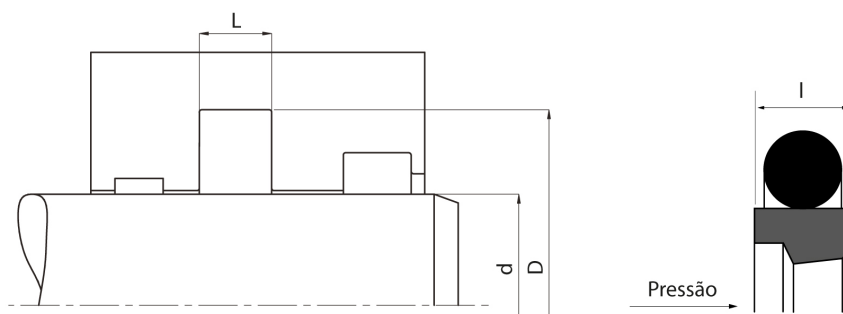
Código HM	Descrição: d x D x L	d D. Interior	D D. Exterior	L Largura Caixa	O-Rings
V28.100.03	IGR/S 100.00 x 110.70 x 04.20 PTFE	100,00	110,70	04,20	104.37 x 03.53
V28.100.01	IGR/S 100.00 x 115.10 x 06.30 PTFE	100,00	115,10	06,30	107.32 x 05.33
V28.100.02	IGR/S 100.00 x 120.50 x 08.10 PTFE	100,00	120,50	08,10	110.00 x 07.00
V28.101.01	IGR/S 101.60 x 116.70 x 06.30 PTFE	101,60	116,70	06,30	107.32 x 05.33
	IGR/S 104.70 x 119.80 x 06.30 PTFE	104,70	119,80	06,30	110.49 x 05.33
V28.105.02	IGR/S 105.00 x 115.70 x 04.20 PTFE	105,00	115,70	04,20	107.54 x 03.53
V28.105.01	IGR/S 105.00 x 120.10 x 06.30 PTFE	105,00	120,10	06,30	110.49 x 05.33
V28.105.03	IGR/S 105.00 x 125.50 x 08.10 PTFE	105,00	125,50	08,10	113.67 x 06.99
V26.108.01	IGR/S 108.00 x 123.10 x 06.30 PTFE	108,00	123,10	06,30	113.67 x 05.33
V28.110.03	IGR/S 110.00 x 120.70 x 04.20 PTFE	110,00	120,70	04,20	113.89 x 03.53
V28.110.01	IGR/S 110.00 x 125.10 x 06.30 PTFE	110,00	125,10	06,30	116.84 x 05.33
V28.110.02	IGR/S 110.00 x 130.50 x 08.10 PTFE	110,00	130,50	08,10	116.84 x 06.99
	IGR/S 111.10 x 126.20 x 06.30 PTFE	111,10	126,20	06,30	116.84 x 05.33
	IGR/S 113.00 x 128.10 x 06.30 PTFE	113,00	128,10	06,30	117.48 x 05.33
V28.115.02	IGR/S 115.00 x 125.70 x 04.20 PTFE	115,00	125,70	04,20	117.07 x 03.53
V28.115.01	IGR/S 115.00 x 130.10 x 06.30 PTFE	115,00	130,10	06,30	120.02 x 05.33
V28.115.03	IGR/S 115.00 x 135.50 x 08.10 PTFE	115,00	135,50	08,10	123.19 x 06.99
	IGR/S 120.00 x 130.70 x 04.20 PTFE	120,00	130,70	04,20	123.42 x 03.53
V28.120.01	IGR/S 120.00 x 135.10 x 06.30 PTFE	120,00	135,10	06,30	126.37 x 05.33
	IGR/S 120.00 x 145.50 x 08.10 PTFE	120,00	145,50	08,10	129.54 x 06.99
V28.125.01	IGR/S 125.00 x 135.70 x 04.20 PTFE	125,00	135,70	04,20	126.59 x 03.53
V28.125.02	IGR/S 125.00 x 140.10 x 06.30 PTFE	125,00	140,10	06,30	129.54 x 05.33
V28.125.03	IGR/S 125.00 x 145.50 x 08.10 PTFE	125,00	145,50	08,10	132.72 x 06.99
	IGR/S 125.40 x 140.50 x 06.30 PTFE	125,40	140,50	06,30	132.72 x 05.33
	IGR/S 127.00 x 142.10 x 06.30 PTFE	127,00	142,10	06,30	132.72 x 05.33
	IGR/S 128.50 x 143.60 x 06.30 PTFE	128,50	143,60	06,30	132.72 x 05.33
V28.130.02	IGR/S 130.00 x 140.70 x 04.20 PTFE	130,00	140,70	04,20	132.94 x 03.53
V28.130.01	IGR/S 130.00 x 145.10 x 06.30 PTFE	130,00	145,10	06,30	135.89 x 05.33
	IGR/S 130.00 x 150.50 x 08.10 PTFE	130,00	150,50	08,10	139.07 x 06.99



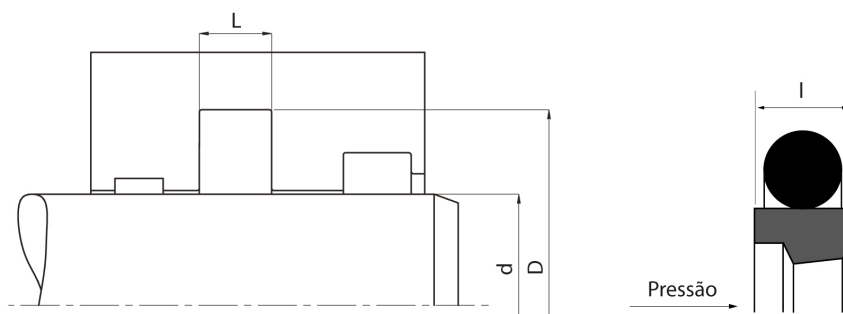
Código HM	Descrição: d x D x L	d D. Interior	D D. Exterior	L Largura Caixa	O-Rings
V28.132.01	IGR/S 132.00 x 147.10 x 06.30 PTFE	132,00	147,10	06,30	139.07 x 05.33
	IGR/S 135.00 x 145.70 x 04.20 PTFE	135,00	145,70	04,20	139.29 x 03.53
V28.135.01	IGR/S 135.00 x 150.10 x 06.30 PTFE	135,00	150,10	06,30	142.24 x 05.33
	IGR/S 135.00 x 155.50 x 08.10 PTFE	135,00	155,50	08,10	142.24 x 06.99
	IGR/S 137.00 x 152.10 x 06.30 PTFE	137,00	152,10	06,30	142.24 x 05.33
	IGR/S 138.00 x 153.10 x 06.30 PTFE	138,00	153,10	06,30	142.24 x 05.33
V28.140.02	IGR/S 140.00 x 150.70 x 04.20 PTFE	140,00	150,70	04,20	145.64 x 03.53
V28.140.01	IGR/S 140.00 x 155.10 x 06.30 PTFE	140,00	155,10	06,30	145.42 x 05.33
	IGR/S 140.00 x 160.50 x 08.10 PTFE	140,00	160,50	08,10	148.59 x 06.99
	IGR/S 140.50 x 155.60 x 06.30 PTFE	140,50	155,60	06,30	145.42 x 05.33
	IGR/S 142.00 x 157.10 x 06.30 PTFE	142,00	157,10	06,30	146.05 x 05.33
	IGR/S 145.00 x 155.70 x 04.20 PTFE	145,00	155,70	04,20	148.52 x 03.53
V28.145.01	IGR/S 145.00 x 160.10 x 06.30 PTFE	145,00	160,10	06,30	151.77 x 05.33
V28.145.02	IGR/S 145.00 x 165.50 x 08.10 PTFE	145,00	165,50	08,10	151.77 x 06.99
	IGR/S 147.00 x 162.10 x 06.30 PTFE	147,00	162,10	06,30	151.77 x 05.33
	IGR/S 150.00 x 160.70 x 04.20 PTFE	150,00	160,70	04,20	151.99 x 03.53
V28.150.01	IGR/S 150.00 x 165.10 x 06.30 PTFE	150,00	165,10	06,30	158.12 x 05.33
	IGR/S 150.00 x 170.50 x 08.10 PTFE	150,00	170,50	08,10	158.12 x 06.99
	IGR/S 153.00 x 168.10 x 06.30 PTFE	153,00	168,10	06,30	158.12 x 05.33
V28.155.01	IGR/S 155.00 x 170.10 x 06.30 PTFE	155,00	170,10	06,30	158.12 x 05.33
V28.157.01	IGR/S 157.00 x 172.10 x 06.30 PTFE	157,00	172,10	06,30	161.30 x 05.33
	IGR/S 160.00 x 170.70 x 04.20 PTFE	160,00	170,70	04,20	164.69 x 03.53
V28.160.01	IGR/S 160.00 x 175.10 x 06.30 PTFE	160,00	175,10	06,30	164.47 x 05.33
	IGR/S 160.00 x 180.50 x 08.10 PTFE	160,00	180,50	08,10	170.82 x 06.99
V28.165.01	IGR/S 165.00 x 180.10 x 06.30 PTFE	165,00	180,10	06,30	170.82 x 05.33
V28.167.01	IGR/S 167.00 x 187.50 x 08.10 PTFE	167,00	187,50	08,10	174.60 x 06.99
	IGR/S 170.00 x 180.70 x 04.20 PTFE	170,00	180,70	04,20	171.04 x 03.53
V28.170.01	IGR/S 170.00 x 185.10 x 06.30 PTFE	170,00	185,10	06,30	177.17 x 05.33
	IGR/S 170.00 x 190.50 x 08.10 PTFE	170,00	190,50	08,10	177.17 x 06.99



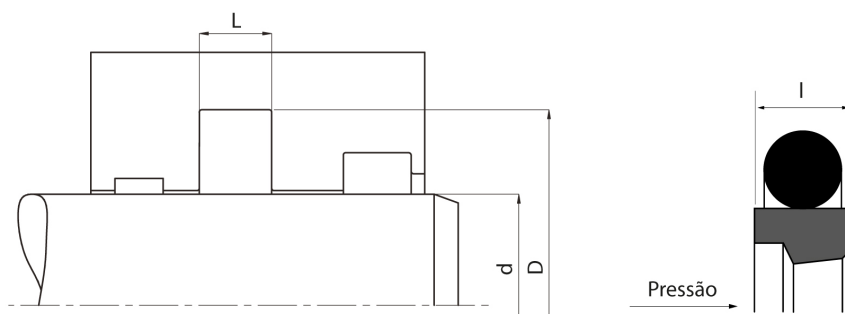
Código HM	Descrição: d x D x L	d D. Interior	D D. Exterior	L Largura Caixa	O-Rings
V27.172.01	IGR/S 172.00 x 187.10 x 06.30 PTFE	172,00	187,10	06,30	177.17 x 05.33
	IGR/S 172.00 x 192.50 x 08.10 PTFE	172,00	192,50	08,10	177.17 x 06.99
	IGR/S 173.00 x 188.10 x 06.30 PTFE	173,00	188,10	06,30	177.17 x 05.33
V28.175.01	IGR/S 175.00 x 190.10 x 06.30 PTFE	175,00	190,10	06,30	183.52 x 05.33
	IGR/S 177.00 x 192.10 x 06.30 PTFE	177,00	192,10	06,30	183.52 x 05.33
V28.180.02	IGR/S 180.00 x 190.70 x 04.20 PTFE	180,00	190,70	04,20	183.74 x 03.53
V28.180.01	IGR/S 180.00 x 195.10 x 06.30 PTFE	180,00	195,10	06,30	183.52 x 05.33
	IGR/S 180.00 x 200.50 x 08.10 PTFE	180,00	200,50	08,10	189.87 x 06.99
V28.185.01	IGR/S 185.00 x 200.10 x 06.30 PTFE	185,00	200,10	06,30	189.87 x 05.33
	IGR/S 185.00 x 205.50 x 08.10 PTFE	185,00	205,50	08,10	196.22 x 06.99
	IGR/S 190.00 x 200.70 x 04.20 PTFE	190,00	200,70	04,20	190.09 x 03.53
V28.190.01	IGR/S 190.00 x 205.10 x 06.30 PTFE	190,00	205,10	06,30	196.22 x 05.33
	IGR/S 190.00 x 210.50 x 08.10 PTFE	190,00	210,50	08,10	196.22 x 06.99
	IGR/S 192.00 x 207.10 x 06.30 PTFE	192,00	207,10	06,30	196.22 x 05.33
	IGR/S 195.00 x 205.70 x 04.20 PTFE	195,00	205,70	04,20	196.44 x 03.53
V28.195.01	IGR/S 195.00 x 210.10 x 06.30 PTFE	195,00	210,10	06,30	202.57 x 05.33
	IGR/S 200.00 x 215.10 x 06.30 PTFE	200,00	215,10	06,30	208.92 x 05.33
V28.200.01	IGR/S 200.00 x 220.50 x 08.10 PTFE	200,00	220,50	08,10	208.92 x 06.99
	IGR/S 200.00 x 227.30 x 09.50 PTFE	200,00	227,30	09,50	214.50 x 08.40
	IGR/S 205.00 x 225.50 x 08.10 PTFE	205,00	225,50	08,10	215.27 x 06.99
	IGR/S 210.00 x 225.10 x 06.30 PTFE	210,00	225,10	06,30	215.27 x 05.33
V28.210.01	IGR/S 210.00 x 230.50 x 08.10 PTFE	210,00	230,50	08,10	215.27 x 06.99
	IGR/S 210.00 x 237.30 x 09.50 PTFE	210,00	237,30	09,50	224.50 x 08.40
	IGR/S 211.00 x 231.50 x 08.10 PTFE	211,00	231,50	08,10	215.27 x 06.99
	IGR/S 212.00 x 232.50 x 08.10 PTFE	212,00	232,50	08,10	227.97 x 06.99
	IGR/S 215.00 x 235.50 x 08.10 PTFE	215,00	235,50	08,10	227.97 x 06.99
V28.220.02	IGR/S 220.00 x 235.10 x 06.30 PTFE	220,00	235,10	06,30	227.97 x 05.33
V28.220.01	IGR/S 220.00 x 240.50 x 08.10 PTFE	220,00	240,50	08,10	227.97 x 06.99
	IGR/S 220.00 x 247.30 x 09.50 PTFE	220,00	247,30	09,50	234.10 x 08.40



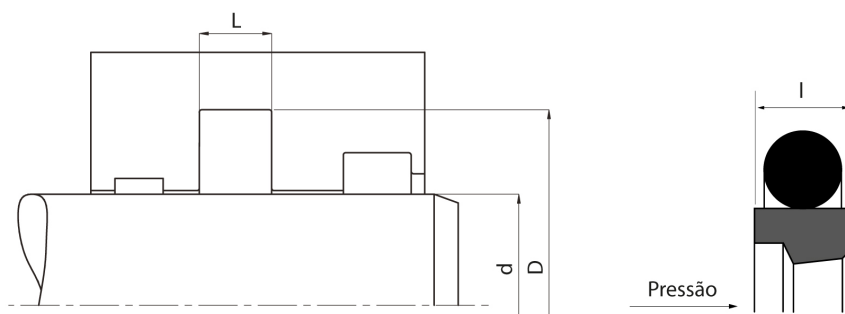
Código HM	Descrição: d x D x L	d D. Interior	D D. Exterior	L Largura Caixa	O-Rings
	IGR/S 225.00 x 245.50 x 08.10 PTFE	225,00	245,50	08,10	240.67 x 06.99
	IGR/S 230.00 x 245.10 x 06.30 PTFE	230,00	245,10	06,30	234.32 x 05.33
	IGR/S 230.00 x 250.50 x 08.10 PTFE	230,00	250,50	08,10	240.67 x 06.99
	IGR/S 230.00 x 257.30 x 09.50 PTFE	230,00	257,30	09,50	244.50 x 08.40
	IGR/S 235.00 x 255.50 x 08.10 PTFE	235,00	255,50	08,10	240.67 x 06.99
	IGR/S 240.00 x 255.10 x 06.30 PTFE	240,00	255,10	06,30	247.02 x 05.33
V28.240.01	IGR/S 240.00 x 260.50 x 08.10 PTFE	240,00	260,50	08,10	253.37 x 06.99
	IGR/S 240.00 x 267.30 x 09.50 PTFE	240,00	267,30	09,50	254.50 x 08.40
	IGR/S 245.00 x 265.50 x 08.10 PTFE	245,00	265,50	08,10	253.37 x 06.99
	IGR/S 250.00 x 265.10 x 06.30 PTFE	250,00	265,10	06,30	253.37 x 05.33
	IGR/S 250.00 x 270.50 x 08.10 PTFE	250,00	270,50	08,10	266.07 x 06.99
	IGR/S 250.00 x 277.30 x 09.50 PTFE	250,00	277,30	09,50	264.50 x 08.40
	IGR/S 255.00 x 275.50 x 08.10 PTFE	255,00	275,50	08,10	266.07 x 06.99
	IGR/S 260.00 x 275.10 x 06.30 PTFE	260,00	275,10	06,30	266.07 x 05.33
	IGR/S 260.00 x 280.50 x 08.10 PTFE	260,00	280,50	08,10	266.07 x 06.99
V28.260.01	IGR/S 260.00 x 284.00 x 08.10 PTFE	260,00	284,00	08,10	266.07 x 06.99
	IGR/S 260.00 x 287.30 x 09.50 PTFE	260,00	287,30	09,50	274.50 x 08.40
V28.265.01	IGR/S 265.00 x 289.00 x 08.10 PTFE	265,00	298,00	08,10	278.77 x 06.99
	IGR/S 270.00 x 285.10 x 06.30 PTFE	270,00	285,10	06,30	278.77 x 05.33
	IGR/S 270.00 x 290.50 x 08.10 PTFE	270,00	290,50	08,10	278.77 x 06.99
V28.270.01	IGR/S 270.00 x 294.00 x 08.10 PTFE	270,00	294,00	08,10	278.77 x 06.99
	IGR/S 270.00 x 297.30 x 09.50 PTFE	270,00	297,30	09,50	284.50 x 08.40
	IGR/S 275.00 x 299.00 x 08.10 PTFE	275,00	299,00	08,10	291.47 x 06.99
	IGR/S 280.00 x 295.10 x 06.30 PTFE	280,00	295,10	06,30	278.77 x 05.33
V28.280.01	IGR/S 280.00 x 304.00 x 08.10 PTFE	280,00	304,00	08,10	291.47 x 06.99
	IGR/S 280.00 x 307.30 x 09.50 PTFE	280,00	307,30	09,50	294.50 x 08.40
	IGR/S 285.00 x 309.00 x 08.10 PTFE	285,00	309,00	08,10	291.47 x 06.99
	IGR/S 290.00 x 305.10 x 06.30 PTFE	290,00	305,10	06,30	291.47 x 05.33



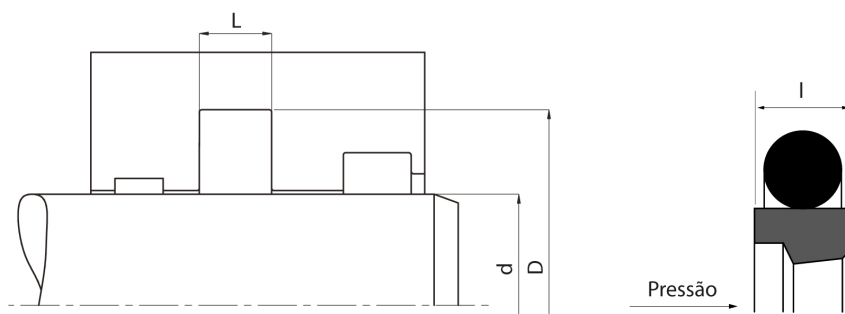
Código HM	Descrição: d x D x L	d D. Interior	D D. Exterior	L Largura Caixa	O-Rings
V28.290.01	IGR/S 290.00 x 314.00 x 08.10 PTFE	290,00	314,00	08,10	304.17 x 06.99
	IGR/S 290.00 x 317.30 x 09.50 PTFE	290,00	317,30	09,50	304.00 x 08.40
	IGR/S 295.00 x 319.00 x 08.10 PTFE	295,00	319,00	08,10	304.17 x 06.99
	IGR/S 300.00 x 315.10 x 06.30 PTFE	300,00	315,10	06,30	304.17 x 05.33
	IGR/S 300.00 x 320.50 x 08.10 PTFE	300,00	320,50	08,10	304.17 x 06.99
V28.300.01	IGR/S 300.00 x 324.00 x 08.10 PTFE	300,00	324,00	08,10	316.87 x 06.99
	IGR/S 300.00 x 327.30 x 09.50 PTFE	300,00	327,30	09,50	314.50 x 08.40
	IGR/S 310.00 x 334.00 x 08.10 PTFE	310,00	334,00	08,10	316.87 x 06.99
	IGR/S 320.00 x 335.10 x 06.30 PTFE	320,00	335,10	06,30	329.57 x 05.33
	IGR/S 320.00 x 344.00 x 08.10 PTFE	320,00	344,00	08,10	329.57 x 06.99
	IGR/S 330.00 x 354.00 x 08.10 PTFE	330,00	354,00	08,10	342.27 x 06.99
V28.340.01	IGR/S 340.00 x 364.00 x 08.10 PTFE	340,00	364,00	08,10	354.97 x 06.99
	IGR/S 345.00 x 369.00 x 08.10 PTFE	345,00	369,00	08,10	354.97 x 06.99
	IGR/S 350.00 x 370.50 x 08.10 PTFE	350,00	370,50	08,10	354.97 x 06.99
	IGR/S 350.00 x 374.00 x 08.10 PTFE	350,00	374,00	08,10	367.67 x 06.99
V28.360.01	IGR/S 360.00 x 384.00 x 08.10 PTFE	360,00	384,00	08,10	367.67 x 06.99
	IGR/S 365.00 x 389.00 x 08.10 PTFE	365,00	389,00	08,10	380.37 x 06.99
	IGR/S 370.00 x 394.00 x 08.10 PTFE	370,00	394,00	08,10	380.37 x 06.99
	IGR/S 375.00 x 399.00 x 08.10 PTFE	375,00	399,00	08,10	393.07 x 06.99
	IGR/S 380.00 x 404.00 x 08.10 PTFE	380,00	404,00	08,10	393.07 x 06.99
V28.390.01	IGR/S 390.00 x 414.00 x 08.10 PTFE	390,00	414,00	08,10	405.26 x 06.99
V28.400.01	IGR/S 400.00 x 424.00 x 08.10 PTFE	400,00	424,00	08,10	417.96 x 06.99
	IGR/S 405.00 x 429.00 x 08.10 PTFE	405,00	429,00	08,10	417.96 x 06.99
	IGR/S 410.00 x 434.00 x 08.10 PTFE	410,00	434,00	08,10	417.96 x 06.99
	IGR/S 420.00 x 444.00 x 08.10 PTFE	420,00	444,00	08,10	430.66 x 06.99
	IGR/S 430.00 x 454.00 x 08.10 PTFE	430,00	454,00	08,10	443.36 x 06.99
	IGR/S 435.00 x 459.00 x 08.10 PTFE	435,00	459,00	08,10	443.36 x 06.99
	IGR/S 440.00 x 464.00 x 08.10 PTFE	440,00	464,00	08,10	456.06 x 06.99



Código HM	Descrição: d x D x L	d D. Interior	D D. Exterior	L Largura Caixa	O-Rings
V28.450.01	IGR/S 450.00 x 474.00 x 08.10 PTFE	450,00	474,00	08,10	468.76 x 06.99
	IGR/S 460.00 x 484.00 x 08.10 PTFE	460,00	484,00	08,10	468.76 x 06.99
V28.470.01	IGR/S 470.00 x 494.00 x 08.10 PTFE	470,00	494,00	08,10	481.46 x 06.99
	IGR/S 480.00 x 504.00 x 08.10 PTFE	480,00	504,00	08,10	494.16 x 06.99
	IGR/S 485.00 x 509.00 x 08.10 PTFE	485,00	509,00	08,10	494.16 x 06.99
	IGR/S 490.00 x 514.00 x 08.10 PTFE	490,00	514,00	08,10	506.86 x 06.99
	IGR/S 495.00 x 519.00 x 08.10 PTFE	495,00	519,00	08,10	506.86 x 06.99
	IGR/S 500.00 x 524.00 x 08.10 PTFE	500,00	524,00	08,10	506.86 x 06.99
	IGR/S 510.00 x 534.00 x 08.10 PTFE	510,00	534,00	08,10	532.26 x 06.99
	IGR/S 515.00 x 539.00 x 08.10 PTFE	515,00	539,00	08,10	532.26 x 06.99
	IGR/S 520.00 x 544.00 x 08.10 PTFE	520,00	544,00	08,10	532.26 x 06.99
	IGR/S 525.00 x 549.00 x 08.10 PTFE	525,00	549,00	08,10	532.26 x 06.99
	IGR/S 530.00 x 554.00 x 08.10 PTFE	530,00	554,00	08,10	557.69 x 06.99
	IGR/S 540.00 x 564.00 x 08.10 PTFE	540,00	564,00	08,10	557.69 x 06.99
	IGR/S 550.00 x 574.00 x 08.10 PTFE	550,00	574,00	08,10	557.69 x 06.99
	IGR/S 560.00 x 584.00 x 08.10 PTFE	560,00	584,00	08,10	582.68 x 06.99
	IGR/S 570.00 x 594.00 x 08.10 PTFE	570,00	594,00	08,10	582.68 x 06.99
	IGR/S 580.00 x 604.00 x 08.10 PTFE	580,00	604,00	08,10	608.08 x 06.99
	IGR/S 585.00 x 609.00 x 08.10 PTFE	585,00	609,00	08,10	608.08 x 06.99
	IGR/S 590.00 x 614.00 x 08.10 PTFE	590,00	614,00	08,10	608.08 x 06.99
	IGR/S 600.00 x 624.00 x 08.10 PTFE	600,00	624,00	08,10	608.08 x 06.99
	IGR/S 610.00 x 634.00 x 08.10 PTFE	610,00	634,00	08,10	633.48 x 06.99
	IGR/S 620.00 x 644.00 x 08.10 PTFE	620,00	644,00	08,10	633.48 x 06.99
	IGR/S 630.00 x 654.00 x 08.10 PTFE	630,00	654,00	08,10	658.88 x 06.99
	IGR/S 640.00 x 664.00 x 08.10 PTFE	640,00	664,00	08,10	658.88 x 06.99
	IGR/S 650.00 x 677.30 x 09.50 PTFE	650,00	677,30	09,50	-
	IGR/S 656.00 x 683.30 x 09.50 PTFE	656,00	683,30	09,50	-
	IGR/S 660.00 x 687.30 x 09.50 PTFE	660,00	687,30	09,50	-
	IGR/S 670.00 x 697.30 x 09.50 PTFE	670,00	697,30	09,50	-



Código HM	Descrição: d x D x L	d D. Interior	D D. Exterior	L Largura Caixa	O-Rings
	IGR/S 680.00 x 707.30 x 09.50 PTFE	680,00	707,30	09,50	-
	IGR/S 685.00 x 712.30 x 09.50 PTFE	685,00	712,30	09,50	-
	IGR/S 690.00 x 717.30 x 09.50 PTFE	690,00	717,30	09,50	-
	IGR/S 700.00 x 724.00 x 08.10 PTFE	700,00	724,00	08,10	-
	IGR/S 700.00 x 727.30 x 09.50 PTFE	700,00	727,30	09,50	-
	IGR/S 710.00 x 737.30 x 09.50 PTFE	710,00	737,30	09,50	-
	IGR/S 720.00 x 747.30 x 09.50 PTFE	720,00	747,30	09,50	-
	IGR/S 730.00 x 757.30 x 09.50 PTFE	730,00	757,30	09,50	-
	IGR/S 735.00 x 762.30 x 09.50 PTFE	735,00	762,30	09,50	-
	IGR/S 740.00 x 767.30 x 09.50 PTFE	740,00	767,30	09,50	-
	IGR/S 750.00 x 777.30 x 09.50 PTFE	750,00	777,30	09,50	-
	IGR/S 760.00 x 787.30 x 09.50 PTFE	760,00	787,30	09,50	-
	IGR/S 765.00 x 792.30 x 09.50 PTFE	765,00	792,30	09,50	-
	IGR/S 770.00 x 797.30 x 09.50 PTFE	770,00	797,30	09,50	-
	IGR/S 780.00 x 807.30 x 09.50 PTFE	780,00	807,30	09,50	-
	IGR/S 790.00 x 817.30 x 09.50 PTFE	790,00	817,30	09,50	-
	IGR/S 795.00 x 822.30 x 09.50 PTFE	795,00	822,30	09,50	-
	IGR/S 800.00 x 827.30 x 09.50 PTFE	800,00	827,30	09,50	-
	IGR/S 810.00 x 837.30 x 09.50 PTFE	810,00	837,30	09,50	-
	IGR/S 820.00 x 847.30 x 09.50 PTFE	820,00	847,30	09,50	-
	IGR/S 830.00 x 857.30 x 09.50 PTFE	830,00	857,30	09,50	-
	IGR/S 840.00 x 867.30 x 09.50 PTFE	840,00	867,30	09,50	-
	IGR/S 850.00 x 877.30 x 09.50 PTFE	850,00	877,30	09,50	-
	IGR/S 860.00 x 887.30 x 09.50 PTFE	860,00	887,30	09,50	-
	IGR/S 870.00 x 897.30 x 09.50 PTFE	870,00	897,30	09,50	-
	IGR/S 880.00 x 907.30 x 09.50 PTFE	880,00	907,30	09,50	-
	IGR/S 885.00 x 912.30 x 09.50 PTFE	885,00	912,30	09,50	-
	IGR/S 890.00 x 917.30 x 09.50 PTFE	890,00	917,30	09,50	-
	IGR/S 900.00 x 927.30 x 09.50 PTFE	900,00	927,30	09,50	-



Código HM	Descrição: d x D x L	d D. Interior	D D. Exterior	L Largura Caixa	O-Rings
	IGR/S 910.00 x 937.30 x 09.50 PTFE	910,00	937,30	09,50	-
	IGR/S 920.00 x 947.30 x 09.50 PTFE	920,00	947,30	09,50	-
	IGR/S 930.00 x 957.30 x 09.50 PTFE	930,00	957,30	09,50	-
	IGR/S 940.00 x 967.30 x 09.50 PTFE	940,00	967,30	09,50	-
	IGR/S 950.00 x 977.30 x 09.50 PTFE	950,00	977,30	09,50	-
	IGR/S 955.00 x 982.30 x 09.50 PTFE	955,00	982,30	09,50	-