

The logo for Montigoma consists of an orange square with a white crosshair. The word "montigoma" is written in a blue, lowercase, sans-serif font, positioned to the right of the crosshair.

montigoma

Produtos Industriais, Lda

The background of the entire page is a photograph of a modern building. The building features a central, curved, light-colored concrete section. On either side of this section are tall, rectangular volumes clad in a grid of reddish-brown bricks. The windows are integrated into the brickwork, appearing as dark rectangular openings. The sky is a clear, bright blue.

Catálogo de Equipamentos e Acessórios para Ar Comprimido e Outros Fluidos

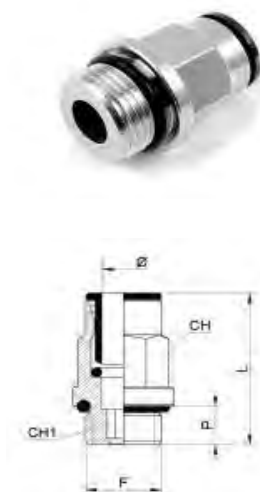
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Os produtos apresentados no presente catálogo podem ser modificados e os seus preços alterados sem aviso prévio

NOTAS

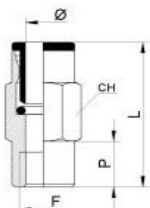
UR01 – Direito Macho Cilíndrico com o’ring *



Ø	F	P	L	CH	CH1	Código	Preço/un
4	M5	4	20,5	9	2,5	00001040M05	s/cons.
4	1/8	6	20	9	2,5	00001040B02	s/cons.
4	1/4	8	21	9	2,5	00001040B04	s/cons.
5	M5	4	22	9,5	2,5	00001050M05	s/cons.
5	1/8	6	22	10	4	00001050B02	s/cons.
5	1/4	8	22	10	4	00001050B04	s/cons.
6	M5	4	22,5	10,5	2,5	00001060M05	s/cons.
6	1/8	6	24	11	4	00001060B02	s/cons.
6	1/4	8	24	11	4	00001060B04	s/cons.
8	1/8	6	26,5	13	4	00001080B02	s/cons.
8	1/4	8	25	13	6	00001080B04	s/cons.
8	3/8	9	25	13	6	00001080B06	s/cons.
10	1/8	6	28	16	5	00001100B04	s/cons.
10	1/4	8	29,5	16	7	00001100B06	s/cons.
12	1/4	8	31,5	18	7	00001120B04	s/cons.
12	3/8	9	31	19	9	00001120B06	s/cons.
12	1/2	11	31	19	9	00001120B08	s/cons.
14	3/8	9	32,5	21	10	00001140B06	s/cons.
14	1/2	11	32,5	21	10	00001140B08	s/cons.

Roscas sem M são BSP. Cotas em mm.

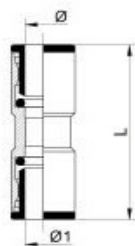
UR02 – Direito Fêmea*



Ø	F	P	L	CH	Código	Preço/un
4	1/8	6,5	26	9	00002040B02	s/cons.
4	1/4	10	29	9	00002040B04	s/cons.
5	1/8	6,5	26	10	00002050B02	s/cons.
5	1/4	10	29	10	00002050B04	s/cons.
6	1/8	6,5	26	11	00002060B02	s/cons.
6	1/4	10	30	11	00002060B04	s/cons.
8	1/8	6,5	27	13	00002080B02	s/cons.
8	1/4	10	31	13	00002080B04	s/cons.

Roscas sem M são BSP. Cotas em mm.

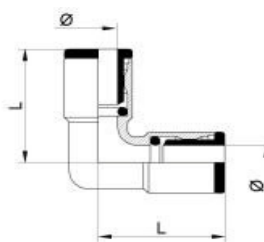
UR03 – Direito Intermédio*



Ø	Ø1	L	Código	Preço/un
4	4	32	00003040000	s/cons.
5	5	33	00003050000	s/cons.
6	6	33,5	00003060000	s/cons.
8	8	37	00003080000	s/cons.
10	10	39,5	00003100000	s/cons.
12	12	42	00003120000	s/cons.
14	14	45	00003140000	s/cons.

Cotas em mm

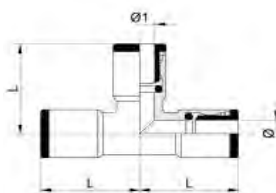
UR04 – Joelho Intermédio*



Ø	L	Código	Preço/un
4	17	00004040000	s/cons.
5	18,5	00004050000	s/cons.
6	19	00004060000	s/cons.
8	22	00004080000	s/cons.
10	24	00004100000	s/cons.
12	26,5	00004120000	s/cons.
14	28,5	00004140000	s/cons.

Cotas em mm

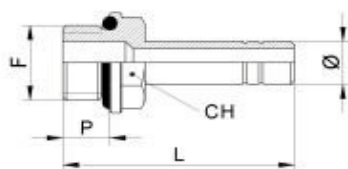
UR05 – Tê Intermédio*



Ø	Ø1	L	Código	Preço/un
4	4	17,5	00005040000	s/cons.
5	5	19	00005050000	s/cons.
6	6	19,5	00005060000	s/cons.
8	8	23	00005080000	s/cons.
10	10	25	00005100000	s/cons.
12	12	27	00005120000	s/cons.
14	14	30	00005140000	s/cons.

Cotas em mm

UR06 – Adaptador Macho Cilíndrico*



Ø	F	P	L	CH	Código	Preço/un
4	M5	4	24,5	8	00006040M05	s/cons.
4	1/8	6	27,7	13	00006040B02	s/cons.
4	1/4	8	30,2	13	00006040B04	s/cons.
5	M5	4	25	8	00006050M05	s/cons.
5	1/8	6	28	13	00006050B02	s/cons.
5	1/4	8	31	13	00006050B04	s/cons.
6	M5	4	26	8	00006060M05	s/cons.
6	1/8	6	29,5	13	00006060B02	s/cons.
6	1/4	8	32	13	00006060B04	s/cons.
8	1/8	6	31	13	00006080B02	s/cons.
8	1/4	8	33,5	13	00006080B04	s/cons.
8	3/8	9	35,5	13	00006080B06	s/cons.
10	1/4	8	38	13	00006100B04	s/cons.
12	1/4	8	39	13	00006120B04	s/cons.
12	3/8	9	42	13	00006120B06	s/cons.
12	1/2	11	44	16	00006120B08	s/cons.

Roscas sem M são BSP. Cotas em mm.

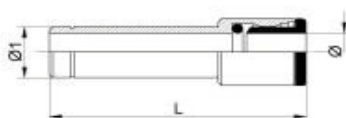
UR07 – Ligação Tubular*



Ø	Ø1	L	Código	Preço/un
4	2	32	00007040000	s/cons.
5	3	35	00007050000	s/cons.
6	4	35	00007060000	s/cons.
8	6	38	00007080000	s/cons.
10	8	45	00007100000	s/cons.
12	10	48	00007120000	s/cons.
14	12	52	00007140000	s/cons.

Cotas em mm.

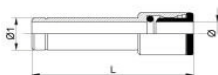
UR08 – Redução*



Ø1	Ø	L	Código	Preço/un
5	4	32,5	00008050040	s/cons.
6	4	28,5	00008060040	s/cons.
6	5	35,5	00008060050	s/cons.
8	4	31	00008080040	s/cons.
8	5	32,5	00008080050	s/cons.
8	6	33,5	00008080060	s/cons.
10	6	36,5	00008100060	s/cons.
10	8	38	00008100080	s/cons.
12	4	39,5	00008120040	s/cons.
12	6	39,5	00008120060	s/cons.
12	8	38,5	00008120080	s/cons.
12	10	41	00008120100	s/cons.
14	8	43	00008140080	s/cons.
14	10	43	00008140100	s/cons.
14	12	43	00008140120	s/cons.

Cotas em mm

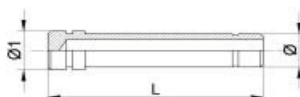
UR08 – Ampliação*



Ø1	Ø	L	Código	Preço/un
4	6	33,5	00008040060	s/cons.

Cotas em mm

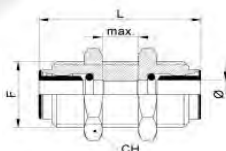
UR09 – Tampão*



Ø	Ø1	L	Código	Preço/un
4	5	25,5	00009040000	s/cons.
5	6	26,5	00009050000	s/cons.
6	7	27,5	00009060000	s/cons.
8	9	30,5	00009080000	s/cons.
10	11	35	00009100000	s/cons.
12	13	37	00009120000	s/cons.
14	15	40	00009140000	s/cons.

Cotas em mm.

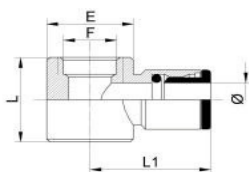
UR10 – Passa painel*



Ø	F	Max	L	CH	Código	Preço/un
4	M10	8	31	14	00010040000	s/cons.
5	M11	8	32	14	00010050000	s/cons.
6	M14	8	32,5	17	00010060000	s/cons.
8	M16	10	36	19	00010080000	s/cons.
10	M17	12	38,5	19	00010100000	s/cons.
12	M18	17	41	24	00010120000	s/cons.

Roscas sem M são BSP. Cotas em mm.

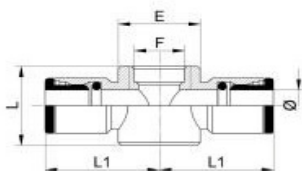
UR13 – Olhal simples*



Ø	F	E	L	L1	Código	Preço/un
4	M5	7	9	18	00013040M05	s/cons.
4	1/8	14	15	23	00013040B02	s/cons.
5	M5	7	9	19	00013050M05	s/cons.
5	1/8	14	15	22	00013050B02	s/cons.
6	1/8	14	15	23	00013060B02	s/cons.
6	1/4	18	17	24	00013060B04	s/cons.
8	1/8	14	15	24	00013080B02	s/cons.
8	1/4	18	17	26	00013080B04	s/cons.
8	3/8	21	20	27	00013080B06	s/cons.
10	1/4	18	17	27	00013100B04	s/cons.
10	3/8	21	20	28	00013100B06	s/cons.
12	3/8	21	20	29	00013120B06	s/cons.
12	1/2				00013120B08	s/cons.

Roscas sem M são BSP. Cotas em mm.

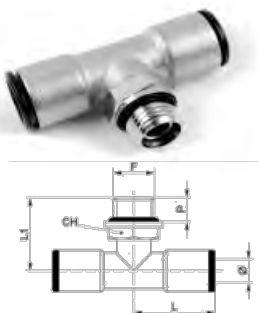
UR14 – Olhal duplo*



Ø	F	E	L	L1	Código	Preço/un
4	M5	7	9	18	00014040M05	s/cons.
4	1/8	14	15	21	00014040B02	s/cons.
5	M5	7	9,5	19	00014050M05	s/cons.
5	1/8	14	15	22	00014050B02	s/cons.
6	1/8	14	15	23	00014060B02	s/cons.
6	1/4	18	17	24	00014060B04	s/cons.
8	1/8	14	15	24	00014080B02	s/cons.
8	1/4	18	17	26	00014080B04	s/cons.
8	3/8	21	20	27	00014080B06	s/cons.
10	1/4	18	17	27	00014100B04	s/cons.
10	3/8	21	20	28	00014100B06	s/cons.
12	3/8	21	20	29	00014120B06	s/cons.

Roscas sem M são BSP. Cotas em mm.

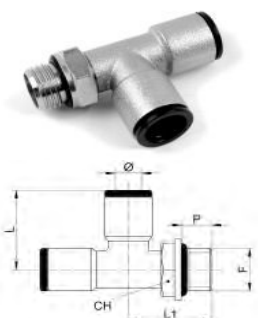
UR20 – Tê macho central giratório*



Ø	F	P	L	L1	CH	Código	Preço/un
6	1/8	5,8	19,5	18,5	13	00020060B02	s/cons.
6	1/4	8	21	22,5	16	00020060B04	s/cons.
8	1/8	5,8	23	20,5	13	00020080B02	s/cons.
8	1/4	8	23	22,5	16	00020080B04	s/cons.
8	3/8	9	25,5	25,5	18	00020080B06	s/cons.
10	1/4	8	25,5	24,5	16	00020100B04	s/cons.
10	3/8	9	25,5	25,5	18	00020100B06	s/cons.
12	3/8	9	27	26,5	18	00020120B06	s/cons.

Roscas sem M são BSP. Cotas em mm.

UR21 – Tê macho lateral giratório*



Ø	F	P	L	L1	CH	Código	Preço/un
4	M5	4	17,5	20	8	00021040M05	s/cons.
4	1/8	5,8	17,5	18,5	13	00021040B02	s/cons.
4	1/4	8	19	22,5	16	00021040B04	s/cons.
6	1/8	5,8	19,5	18,5	13	00021060B02	s/cons.
6	1/4	8	21	22,5	16	00021060B04	s/cons.
8	1/8	5,8	23	20,5	13	00021080B02	s/cons.
8	1/4	8	23	22,5	16	00021080B04	s/cons.
8	3/8	9	25,5	25,5	18	00021080B06	s/cons.
10	1/4	8	25,5	24,5	16	00021100B04	s/cons.
10	3/8	9	25,5	25,5	18	00021100B06	s/cons.

Roscas sem M são BSP. Cotas em mm.

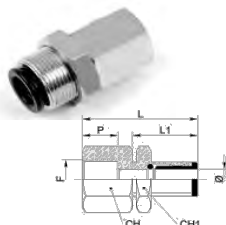
UR22 – Joelho macho giratório*



Ø	F	P	L	L1	CH	Código	Preço/un
4	M5	4	17,5	20	8	00022040M05	s/cons.
4	1/8	5,8	17,5	18,5	13	00022040B02	s/cons.
4	1/4	8	19	22,5	16	00022040B04	s/cons.
6	1/8	5,8	19,5	18,5	13	00022060B02	s/cons.
6	1/4	8	21	22,5	16	00022060B04	s/cons.
8	1/8	5,8	23	20,5	13	00022080B02	s/cons.
8	1/4	8	23	22,5	16	00022080B04	s/cons.
8	3/8	9	25,5	25,5	18	00022080B06	s/cons.
10	1/4	8	25,5	24,5	16	00022100B04	s/cons.
10	3/8	9	25,5	25,5	18	00022100B06	s/cons.
12	1/4	8	27	24,5	16	00022120B04	s/cons.
12	3/8	9	27	26	18	00022120B06	s/cons.
12	1/2	11	27	30,5	21	00022120B08	s/cons.
14	3/8	9	31	28	18	00022140B06	s/cons.
14	1/2	11	31	20,5	21	00022140B08	s/cons.

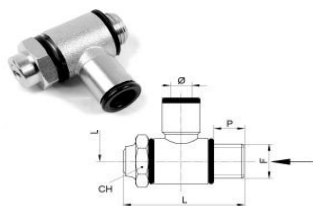
Roscas sem M são BSP. Cotas em mm.

UR25 – Passa-painel fêmea*



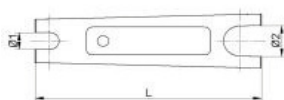
Ø	F	P	L1	L	CH	CH1	Código	Preço/un
4	1/8	9,5	16	30	14	17	00025040B02	s/cons.
6	1/8	9,5	16	31	17	17	00025060B02	s/cons.
6	1/4	13,5	16	35	17	17	00025060B04	s/cons.
8	1/8	9,5	16	36	19	17	00025080B02	s/cons.
8	1/4	13,5	16	36	19	17	00025080B04	s/cons.

Roscas sem M são BSP. Cotas em mm.

UR29 – Regulador de fluxo unid. para cilindro tipo "B"

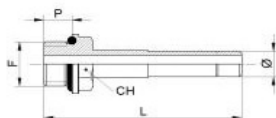
Ø	F	P	L	L1	CH	Código	Preço/un
4	1/8	5,5	31,5	23	14	00029040B02	s/cons.
6	1/8	5,5	23	31,5	14	00029060B02	s/cons.
6	1/4	6	24	38	17	00029060B04	s/cons.
8	1/8	5,5	24	31,5	14	00029080B02	s/cons.
8	1/4	6	38	26	17	00029080B04	s/cons.

Roscas sem M são BSP. Cotas em mm.

UR40 – Chave para desmontar tubo*

Ø1	Ø2	L	Código	Preço/un
8	14	93	00040000000	s/cons.

Cotas em mm.

UR60 – Adaptador macho longo*

Ø	F	P	L	CH	Código	Preço/un
4	1/8	6	39,8	13	00060040B02	s/cons.
6	1/8	6	42,2	13	00060060B02	s/cons.
6	1/4	8	47,2	14	00060060B04	s/cons.
8	1/8	6	46,7	13	00060080B02	s/cons.
8	1/4	8	49,7	14	00060080B04	s/cons.
10	1/4	8	55,5	14	00060100B04	s/cons.

Roscas sem M são BSP. Cotas em mm.

NOTAS

UR01PL – Direito Macho Cilíndrico com o’ring**DIREITO MACHO CÔNICO**

Ø	R	Código	Preço/un
4	1/8	00101040B02	s/cons.
4	1/4	00101040B04	s/cons.
6	1/8	00101060B02	s/cons.
6	1/4	00101060B04	s/cons.
6	3/8	00101060B06	s/cons.
8	1/8	00101080B02	s/cons.
8	1/4	00101080B04	s/cons.
8	3/8	00101080B06	s/cons.
8	1/2	00101080B08	s/cons.
10	1/8	00101100B02	s/cons.
10	1/4	00101100B04	s/cons.
10	3/8	00101100B06	s/cons.
10	1/2	00101100B08	s/cons.
12	1/4	00101120B04	s/cons.
12	3/8	00101120B06	s/cons.
12	1/2	00101120B08	s/cons.
16	1/2	00100160B08	s/cons.

UR02PL – Direito Fêmea

Ø	R	Código	Preço/un
4	1/8	00102040B02	s/cons.
4	1/4	00102040B04	s/cons.
6	1/8	00102060B02	s/cons.
6	1/4	00102060B04	s/cons.
8	1/8	00102080B02	s/cons.
8	1/4	00102080B04	s/cons.
10	1/4	00102100B04	s/cons.
10	3/8	00102100B06	s/cons.

UR03PL – Direito Intermédio

Ø	Ø1	Código	Preço/un
4	4	00103040000	s/cons.
5	5	00103050000	s/cons.
6	4	00103060040	s/cons.
6	6	00103060000	s/cons.
8	6	00103080060	s/cons.
8	8	00103080000	s/cons.
10	8	00103100080	s/cons.
10	10	00103100000	s/cons.
12	10	00103120100	s/cons.
12	12	00103120000	s/cons.
14	14	00103140000	s/cons.
16	16	00103160000	s/cons.

UR04PL – Joelho Intermédio

Ø	Ø1	Código	Preço/un
4	4	00104040000	s/cons.
5	5	00104050000	s/cons.
6	6	00104060000	s/cons.
8	8	00104080000	s/cons.
10	10	00104100000	s/cons.
12	12	00104120000	s/cons.
14	14	00104140000	s/cons.
16	16	00104160000	s/cons.

UR05PL – Tê Intermédio

Ø	ØC	Ø	Código	Preço/un
4	4	4	00105040040	s/cons.
5	5	5	00105050050	s/cons.
6	4	6	00105060040	s/cons.
6	6	6	00105060060	s/cons.
8	6	8	00105080060	s/cons.
8	8	8	00105080080	s/cons.
10	8	10	00105100080	s/cons.
10	10	10	00105100100	s/cons.
12	10	12	00105120100	s/cons.
12	12	12	00105120120	s/cons.
14	14	14	00105140140	s/cons.
16	16	16	00105160160	s/cons.

UR08PL – Redução

Ø	Ø1	Código	Preço/un
6	4	00108060040	s/cons.
8	4	00108080040	s/cons.
8	6	00108080060	s/cons.
10	6	00108100060	s/cons.
10	8	00108100080	s/cons.
12	8	00108120080	s/cons.
12	10	00108120100	s/cons.

UR10PL – Passaparede

Ø	Código	Preço/un
4	00110040000	s/cons.
6	00110060000	s/cons.
8	00110080000	s/cons.
10	00110100000	s/cons.
12	00110120000	s/cons.

UR11PL – Cruzeta

Ø	Código	Preço/un
4	00111060000	s/cons.
6	00111080000	s/cons.
8	00111100000	s/cons.
10	00111120000	s/cons.
12	00111140000	s/cons.

UR17PL – Banjo Simples Macho Cilíndrico

Ø	R	Código	Preço/un
4	1/8	00117040B02	s/cons.
6	1/8	00117060B02	s/cons.
6	1/4	00117060B04	s/cons.
8	1/8	00117080B02	s/cons.
8	1/4	00117080B04	s/cons.
8	3/8	00117080B06	s/cons.
10	1/4	00117100B04	s/cons.
10	3/8	00117100B06	s/cons.
12	1/4	00117120B04	s/cons.
12	3/8	00117120B06	s/cons.

UR20PL – Tê Giratório Macho Cilíndrico Central**TÊ GIRATÓRIO MACHO CÔNICO CENTRAL**

Ø	R	Código	Preço/un
4	1/8	00120040B02	s/cons.
4	1/4	00120040B04	s/cons.
6	1/8	00120060B02	s/cons.
6	1/4	00120060B04	s/cons.
8	1/8	00120080B02	s/cons.
8	1/4	00120080B04	s/cons.
8	3/8	00120080B06	s/cons.
10	1/4	00120100B04	s/cons.
10	3/8	00120100B06	s/cons.
12	1/4	00120120B04	s/cons.
12	3/8	00120120B06	s/cons.
16	1/2	0012160B08	s/cons.

UR21PL – Tê Giratório Macho Cilíndrico Lateral**TÊ GIRATÓRIO MACHO CÔNICO LATERAL**

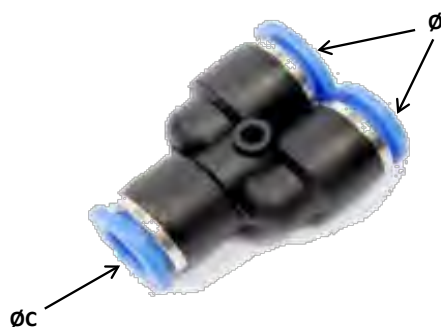
Ø	R	Código	Preço/un
4	1/8	00121040B02	s/cons.
4	1/4	00121040B04	s/cons.
6	1/8	00121060B02	s/cons.
6	1/4	00121060B04	s/cons.
8	1/8	00121080B02	s/cons.
8	1/4	00121080B04	s/cons.
8	3/8	00121080B06	s/cons.
10	1/4	00121100B04	s/cons.
10	3/8	00121100B06	s/cons.
12	1/4	00121120B04	s/cons.
12	3/8	00121120B06	s/cons.
16	1/2	0012160B08	s/cons.

UR22PL – Joelho Giratório Macho Cilíndrico**JOELHO GIRATÓRIO MACHO CÔNICO**

Ø	R	Código	Preço/un
4	1/8	00122040B04	s/cons.
4	1/4	00122040B02	s/cons.
6	1/8	00122060B02	s/cons.
6	1/4	00122060B04	s/cons.
8	1/8	00122080B02	s/cons.
8	1/4	00122080B04	s/cons.
8	3/8	00122080B06	s/cons.
10	1/8	00122100B02	s/cons.
10	1/4	00122100B04	s/cons.
10	3/8	00122100B06	s/cons.
10	1/2	00122100B08	s/cons.
12	1/4	00122120B04	s/cons.
12	3/8	00122120B06	s/cons.
12	1/2	00122120B08	s/cons.
16	1/2	00122160B08	s/cons.

UR22FPL – Joelho Giratório Fêmea

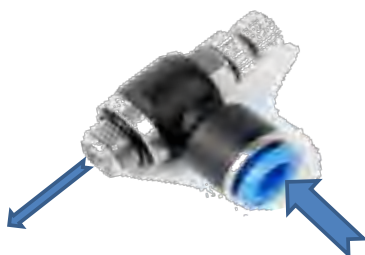
Ø	R	Código	Preço/un
4	1/8	00114040B02	s/cons.
4	1/4	00114040B04	s/cons.
6	1/8	00114060B02	s/cons.
6	1/4	00114060B04	s/cons.
8	1/8	00114080B02	s/cons.
8	1/4	00114080B04	s/cons.

UR23PL – Y Intermédio

$\varnothing$	$\varnothing C$	$\varnothing$	Código	Preço/un
4	4	4	00123040000	s/cons.
5	5	5	00123050000	s/cons.
6	4	6	00123060000	s/cons.
6	6	6	00123060040	s/cons.
8	6	8	00123080000	s/cons.
8	8	8	00123080060	s/cons.
10	8	10	00123100080	s/cons.
10	10	10	00123100000	s/cons.
12	10	12	00123120100	s/cons.
12	12	12	00123120000	s/cons.

UR25PL – Passaparede Fêmea

$\varnothing$	R	Código	Preço/un
4	1/8	00125040B02	s/cons.
6	1/4	00125060B04	s/cons.
8	1/4	00125080B04	s/cons.

UR39REPL – Regulador de Fluxo Unidireccional para Válvula

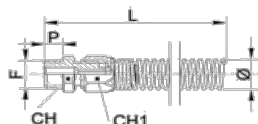
$\varnothing$	R	Código	Preço/un
4	M5	00139040M05	s/cons.
4	1/8	00139040B02	s/cons.
6	1/8	00139060B02	s/cons.
6	1/4	00139060B04	s/cons.
8	1/4	00139080B04	s/cons.
10	1/4	00139100B04	s/cons.

UR40REPL – Regulador de Fluxo Unidireccional para Cilíndro

$\varnothing$	R	Código	Preço/un
4	M5	00140040M05	s/cons.
4	1/8	00140040B02	s/cons.
6	1/8	00140060B02	s/cons.
6	1/4	00140060B04	s/cons.
8	1/4	00140080B04	s/cons.
10	1/4	00140100B04	s/cons.

NOTAS

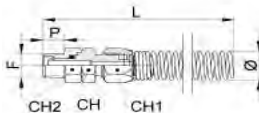
0603F – Direito macho fixo cilíndrico com mola



Ø	F	P	L	CH	CH1	Código	Preço/un
6/4	1/4	8	113	17	12	00200086B04	s/cons.
8/6	3/8	9	115,5	19	14	00200086B06	s/cons.
10/8	1/4	8	115,5	17	16	00200108B04	s/cons.
10/8	3/8	9	117	19	16	00200108B06	s/cons.
12/10	3/8					00200121B06	s/cons.

Roscas sem M são BSP. Cotas em mm.

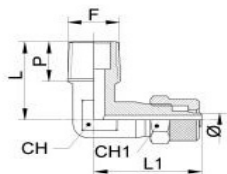
060G – Direito macho cónico giratório c/ mola*



Ø	F	CH	CH1	CH2	P	L	Código	Preço/un
6/4	1/8	12	12	12	8	120	00203064B02	s/cons.
6/4	1/4	14	12	14	11	122	00203064B04	s/cons.
8/6	1/8	12	14	12	8	121	00203086B02	s/cons.
8/6	1/4	14	14	14	11	123	00203086B04	s/cons.
8/6	3/8	14	14	17	11	124	00203086B06	s/cons.
10/8	1/4	14	16	14	11	125	00203108B04	s/cons.
10/8	3/8	17	16	17	11	126	00203108B06	s/cons.
12/8	1/4	17	19	14	11	126	00203121B04	s/cons.
12/8	3/8	17	19	17	11	127	00203121B06	s/cons.

Roscas sem M são BSP. Cotas em mm.

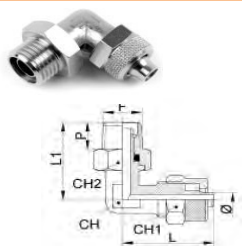
C150 – Joelho macho cónico*



Ø	F	CH	CH1	P	L	L1	Código	Preço/un
4/2	1/8	9	9	8	18,5	20	00205042B02	s/cons.
4/2	M5	9	9	8	18,5	20	00205042M05	s/cons.
5/3	1/8	9	9	8	18,5	20	00205053B02	s/cons.
6/4	M12x1	10	12	11	21	23,5	00205064112	s/cons.
6/4	M12x1.25	10	12	11	21	23,5	00205064212	s/cons.
6/4	M12x1.5	10	12	11	21	23,5	00205064312	s/cons.
6/4	M5	9	12	8	18,5	22	00205064M05	s/cons.
6/4	1/8	9	12	8	18,5	22	00205064B02	s/cons.
6/4	1/4	10	12	11	21	23,5	00205064B04	s/cons.
6/4	3/8	11	12	11	22	25,5	00205064B06	s/cons.
8/6	1/8	10	14	8	19,5	24	00205086B02	s/cons.
8/6	1/4	10	14	11	21	24	00205086B04	s/cons.
8/6	3/8	11	14	11	22	25,5	00205086B06	s/cons.
10/8	1/8	11	16	8	20,5	25,5	00205108B02	s/cons.
10/8	1/4	11	16	11	22	26	00205108B04	s/cons.
10/8	3/8	11	16	11	22	26	00205108B06	s/cons.
10/8	1/2	17	16	14	29	30	00205108B08	s/cons.
12/10	1/4	13	19	11	24	30	00205121B04	s/cons.
12/10	3/8	13	19	11	24	28,5	00205121B06	s/cons.
12/10	1/2	17	19	14	29	30	00205121B08	s/cons.
15/12,5	1/2	17	24	14	29	36	00205151B08	s/cons.

Roscas sem M são BSP. Cotas em mm.

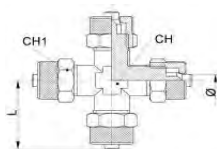
C154G – Joelho macho cônico giratório*



Ø	F	CH	CH1	CH2	L	L1	Código	Preço/un
6/4	1/8	9	12	12	22	25	00207064B02	s/cons.
6/4	1/4	10	12	14	24	29	00207064B04	s/cons.
8/6	1/8	10	14	12	24	32	00207086B02	s/cons.
8/6	1/4	10	14	14	24	32	00207086B04	s/cons.
10/8	1/4	11	16	17	26	33	00207108B04	s/cons.

Roscas sem M são BSP. Cotas em mm

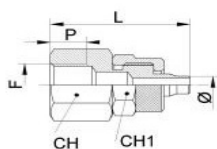
CR160 – Cruzeta intermédia*



Ø	CH	CH1	L	Código	Preço/un
6/4	10	12	22,5	00211064000	s/cons.
8/6	10	14	22,5	00211086000	s/cons.
10/8	10	16	25,5	00211108000	s/cons.

Cotas em mm.

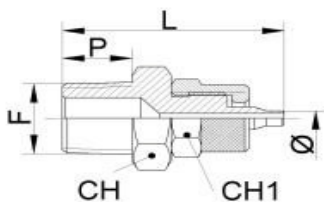
D146 – Direito fêmea*



Ø	F	CH	CH1	P	L	Código	Preço/un
6/4	1/8	14	12	8	27	00212064B02	s/cons.
6/4	1/4	16	12	10	30	00212064B04	s/cons.
6/4	3/8	19	12	11,5	32	00212064B06	s/cons.
8/6	1/8	14	14	8	28	00212086B02	s/cons.
8/6	1/4	16	14	10	31	00212086B04	s/cons.
8/6	3/8	19	14	11,5	32	00212086B06	s/cons.
10/8	1/4	16	16	10	32,5	00212108B04	s/cons.
10/8	3/8	19	16	11,5	34,5	00212108B06	s/cons.

Roscas sem M são BSP. Cotas em mm.

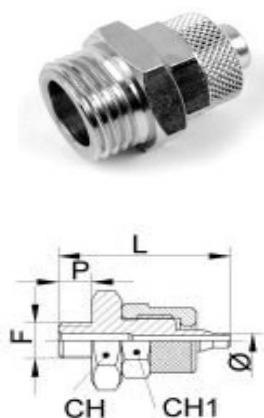
D151 – Direito macho cônico*



Ø	F	CH	CH1	P	L	Código	Preço/un
4/2	1/8	12	9	8	25,5	00213042B02	s/cons.
4/2,7	1/8	12	9	8	25,5	00213043B02	s/cons.
5/3	1/8	12	9	8	26	00213053B02	s/cons.
6/4	M12X1	14	12	11	31	00213064112	s/cons.
6/4	M12X1,25	14	12	11	31	00213064212	s/cons.
6/4	M12X1,5	14	12	11	31	00213064312	s/cons.
6/4	1/8	12	12	8	27	00213064B02	s/cons.
6/4	1/4	14	12	11	31	00213064B04	s/cons.
6/4	3/8	17	12	11	31	00213064B06	s/cons.
6/4	1/2	22	12	14	35	00213064B08	s/cons.
8/6	1/8	13	14	8	28	00213086B02	s/cons.
8/6	1/4	14	14	11	32	00213086B04	s/cons.
8/6	3/8	17	14	11	32	00213086B06	s/cons.
10/8	1/8	14	16	8	30	00213108B02	s/cons.
10/8	1/4	14	16	11	33	00213108B04	s/cons.
10/8	3/8	17	16	11	33	00213108B06	s/cons.
10/8	1/2	22	16	14	38	00213108B08	s/cons.
12/10	1/4	17	19	11	34	00213121B04	s/cons.
12/10	3/8	17	19	11	34	00213121B06	s/cons.
12/10	1/2	22	19	14	38	00213121B08	s/cons.
15/12,5	1/2	22	24	14	41	00213151B08	s/cons.

Roscas sem M são BSP. Cotas em mm.

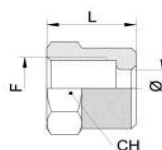
D151/3 – Direito macho cilíndrico*



Ø	F	CH	CH1	P	L	Código	Preço/un
4/2	M5	8	9	4	20	00214043M05	s/cons.
4/2,7	M5	8	9	4	20	00214053M05	s/cons.
6/4	M5	8	9	4	21,5	00214064M05	s/cons.
6/4	1/8	14	12	8	28	00214064B02	s/cons.
6/4	1/4	17	12	6	25	00214064B04	s/cons.
8/6	1/8	14	12	8	28	00214086B02	s/cons.
8/6	3/8	19	14	8	29	00214086B06	s/cons.
10/8	1/8	14	14	9	30,5	00214108B02	s/cons.
10/8	1/4	14	16	6	27,5	00214108B04	s/cons.
10/8	3/8	17	16	8	30,5	00214108B06	s/cons.
10/8	1/2	19	16	9	32	00214108B08	s/cons.
12/10	3/8	24	16	10	33,5	00214121B06	s/cons.
12/10	1/2	19	19	9	32,5	00214121B08	s/cons.

Roscas sem M são BSP. Cotas em mm.

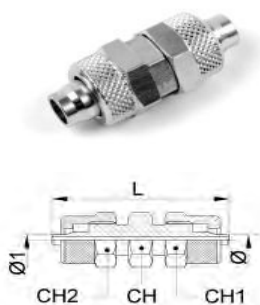
D170 – Porca p/ acessórios de aperto mecânico*



Ø	F	CH	L	Código	Preço/un
4/2	M7X0,75	9	9	00219042007	s/cons.
5/3	M7X0,75	9	9	00219053007	s/cons.
6/4	M8X0,75	9	9	00219064008	s/cons.
6/4	M10X1	12,3	10	00219064110	s/cons.
8/6	M12X1	14	11	00219086112	s/cons.
10/8	M14X1	16	11,5	00219108114	s/cons.
12/10	M16X1	19	13,5	00219121116	s/cons.
15/12,5	M20X1	24	15,5	00219151120	s/cons.

Roscas sem M são BSP. Cotas em mm.

DD158 – Direito intermédio*



Ø	Ø1	CH	CH1	CH2	L	Código	Preço/un
4/2	4/2	9	9	9	29	00221042042	s/cons.
6/4	6/4	12	12	12	35	00221064064	s/cons.
8/6	6/4	12	12	14	36	00221086064	s/cons.
8/6	8/6	12	14	14	37	00221086086	s/cons.
10/8	8/6	14	14	16	38,5	00221108086	s/cons.
10/8	10/8	14	16	16	40	00221108108	s/cons.
12/10	12/10	17	19	19	38	00221121121	s/cons.
15/12,5	15/12,5	22	24	24	48	00221151151	s/cons.

Roscas sem M são BSP. Cotas em mm.

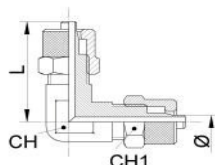
L149 – Joelho fêmea*



Ø	F	CH	CH1	P	L	L1	Código	Preço/un
6/4	M5	9	12	6	18	22	00222064M05	s/cons.
6/4	1/8	10	12	8	21	23	00222064B02	s/cons.
6/4	1/4	11	12	10	24	24	00222064B04	s/cons.
8/6	1/8	10	14	8	21	23	00222086B02	s/cons.
8/6	1/4	11	14	10	24	26	00222086B04	s/cons.
10/8	1/4	11	16	10	24	25	00222108B04	s/cons.
10/8	3/8	17	16	11	28,5	29,5	00222108B06	s/cons.
12/10	3/8	17	19	11	29,5	29	00222121B06	s/cons.

Roscas sem M são BSP. Cotas em mm.

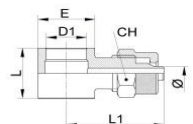
L155 – Joelho intermédio*



Ø	CH	CH1	L	Código	Preço/un
4/2,7	9	9	20	00223043000	s/cons.
5/3	9	9	18	00223053000	s/cons.
6/4	9	12	18,5	00223064000	s/cons.
8/6	10	14	22,5	00223086000	s/cons.
10/8	11	16	24	00223108000	s/cons.
12/10	13	19	27,5	00223121000	s/cons.
15/12,5	17	24	35	00223151000	s/cons.

Cotas em mm.

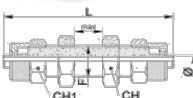
RA161 – Banjo simples*



Ø	F	CH1	L	L1	D1	E	Código	Preço/un
6/4	1/8	12	14,5	24	9,9	14	00224064B02	s/cons.
6/4	1/4	12	14,5	26	13,3	18	00224064B04	s/cons.
8/6	1/8	14	14,5	24	9,9	14	00224086B02	s/cons.
8/6	1/4	14	14,5	27	13,3	18	00224086B04	s/cons.
8/6	3/8	14	14,5	27,5	16,6	18	00224086B06	s/cons.
10/8	1/4	16	14,5	28	13,3	18	00224108B04	s/cons.
10/8	3/8	14	14,5	29	16,6	21	00224108B06	s/cons.

Roscas sem M são BSP. Cotas em mm.

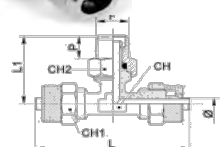
RP159 – Intermédio passa painel*



Ø	Ø2	CH	CH1	L	MAX	B	Código	Preço/un
6/4	6/4	14	12	48	12	M10	00225064000	s/cons.
8/6	8/6	17	14	50	12	M12	00225086000	s/cons.
10/8	10/8	17	16	51	10	M14	00225108000	s/cons.
12/10	12/10	19	19	52	10	M16	00225121000	s/cons.

Cotas em mm.

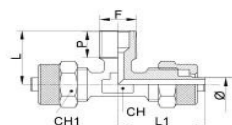
T143G – Tê macho central cónico giratório*



Ø	F	CH	CH1	CH2	L	L1	Código	Preço/un
6/4	1/8	8	12	12	45	25	00226064B02	s/cons.
6/4	1/4	10	12	14	45	29	00226064B04	s/cons.
8/6	1/8	10	14	12	45	32	00226086B02	s/cons.
8/6	1/4	10	14	14	45	32	00226086B04	s/cons.
10/8	1/4	11	16	14	51	33	00226108B04	s/cons.

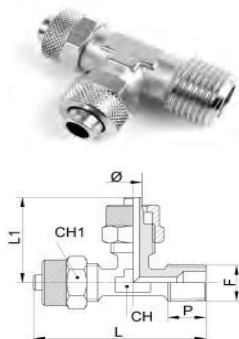
Roscas sem M são BSP. Cotas em mm

TC141 – Tê macho central cónico*



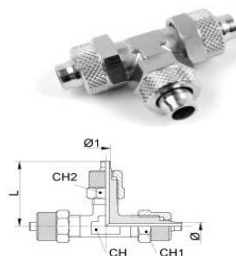
Ø	F	CH	CH1	P	L	L1	Código	Preço/un
6/4	1/8	8	12	8	16	22,5	00229064B02	s/cons.
6/4	1/4	10	12	11	21	22,5	00229064B04	s/cons.
8/6	1/8	10	14	8	19,5	23	00229086B02	s/cons.
8/6	1/4	10	14	11	21	23	00229086B04	s/cons.
8/6	3/8	11	14	11	23,5	24	00229086B06	s/cons.
10/8	1/4	11	16	11	23	26	00229108B04	s/cons.
10/8	3/8	11	16	11	23	26,5	00229108B06	s/cons.
10/8	1/2	17	16	14	30	29	00229108B08	s/cons.
12/10	3/8	11	19	11	23	26,5	00229121B06	s/cons.
12/10	1/2	17	19	14	30	30	00229121B08	s/cons.
15/12,5	1/2	17	24	14	28	36	00229151B08	s/cons.

Roscas sem M são BSP. Cotas em mm.

TL142 – Tê macho lateral cônico*

Ø	F	CH	CH1	P	L	L1	Código	Preço/un
6/4	1/8	8	12	8	33	22,5	00230064B02	s/cons.
6/4	1/4	10	12	11	40	22,5	00230064B04	s/cons.
8/6	1/8	10	14	8	32	25	00230086B02	s/cons.
8/6	1/4	10	14	11	34	25	00230086B04	s/cons.
8/6	3/8	11	14	11	46	25	00230086B06	s/cons.
10/8	1/4	11	16	11	46	25	00230108B04	s/cons.
10/8	3/8	11	16	11	46	25	00230108B06	s/cons.
10/8	1/2	17	16	14	56	28	00230108B08	s/cons.
12/10	3/8	11	19	11	44	26	00230121B06	s/cons.
12/10	1/2	17	19	14	64	32	00230121B08	s/cons.
15/12,5	1/2	17	24	14	54	35	00230151B08	s/cons.

Roscas sem M são BSP. Cotas em mm.

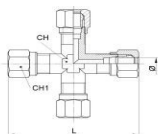
TT154 – Tê intermédio*

Ø	Ø1	L	CH	CH1	CH2	Código	Preço/un
6/4	6/4	22,5	8	12	-	00231064000	s/cons.
8/6	8/6	23	10	14	-	00231086000	s/cons.
10/8	10/8	25,5	11	16	-	00231108000	s/cons.
12/10	12/10	28,5	11	19	-	00231121000	s/cons.
15/12,5	15/12,5	35	17	24	-	00231151000	s/cons.

Cotas em mm

NOTAS

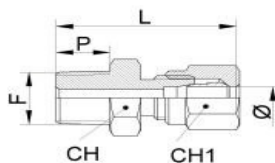
CR100 – Cruzeta intermédia



Ø	L	CH	CH1	Código	Preço/un
6	51	10	12		s/cons.
8	53	10	14		s/cons.

Cotas em mm

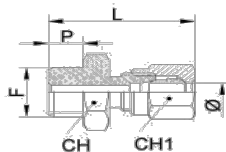
D105 – Direito macho cônico*



Ø	F	CH	CH1	P	L	Código	Preço/un
4	1/8	11	10	8	27,5	00301040B02	s/cons.
4	1/4	14	10	11	30,5	00301040B04	s/cons.
5	1/8	11	10	8	27,5		s/cons.
6	1/8	11	12	8	27,5	00301060B02	s/cons.
6	1/4	14	12	11	31,5	00301060B04	s/cons.
6	3/8	17	12	11	31,5		s/cons.
6	1/2	22	12	14	34	00301060B08	s/cons.
7	1/8	12	14	8	30		s/cons.
8	1/8	12	14	8	31	00301080B02	s/cons.
8	1/4	14	14	11	33	00301080B04	s/cons.
8	3/8	17	14	11	34	00301080B06	s/cons.
10	1/4	14	17	11	33	00301100B04	s/cons.
10	3/8	17	17	11	33,5	00301100B06	s/cons.
10	1/2	22	17	14	36,5	00301100B08	s/cons.
12	1/4	17	19	11	33	00301120B04	s/cons.
12	3/8	17	19	11	33,5	00301120B06	s/cons.
12	1/2	22	19	14	36,5	00301120B08	s/cons.
14	1/2	22	22	14	40	00301140B08	s/cons.
15	1/2	22	24	14	41	00301150B08	s/cons.

Roscas sem M são BSP. Cotas em mm.

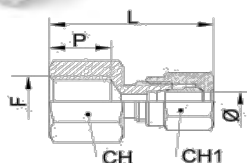
D105/3 – Direito macho cilíndrico



Ø	F	CH	CH1	P	L	Código	Preço/un
4	1/8	14	10	6	25,5		s/cons.
6	1/8	14	12	6	25,5		s/cons.
6	1/4	17	12	8	28,5		s/cons.
6	3/8	19	12	9	29,5		s/cons.
8	1/8	14	14	6	29		s/cons.
8	1/4	17	14	8	30		s/cons.
8	3/8	19	14	9	31		s/cons.
10	1/4	17	17	8	30		s/cons.
10	3/8	19	17	9	31,5		s/cons.

Roscas sem M são BSP. Cotas em mm.

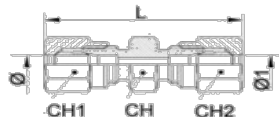
D106 – Direito fêmea*



Ø	F	CH	CH1	P	L	Código	Preço/un
4	1/8	14	10	8	27	00303040B02	s/cons.
6	1/8	14	12	8	28	00303060B02	s/cons.
6	1/4	16	12	10	31	00303060B04	s/cons.
8	1/8	14	14	8	29,5	00303080B02	s/cons.
8	1/4	16	14	10	32,5	00303080B04	s/cons.
8	3/8	19	14	11	34,5	00303080B06	s/cons.
10	1/4	17	17	10	32	00303100B04	s/cons.
10	3/8	19	17	11	34	00303100B06	s/cons.
10	1/2	24	17	14	35		s/cons.

Roscas sem M são BSP. Cotas em mm.

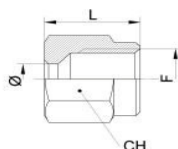
DD125 – Direito intermédio*



Ø	Ø1	CH	CH1	CH2	L	Código	Preço/un
4	4	10	10		35	00304040040	s/cons.
6	6	12	12		37	00304060060	s/cons.
6	8	14	12	14	38,5	00304080060	s/cons.
8	8	14	14		40	00304080080	s/cons.
10	10	17	17		42	00304100100	s/cons.
12	12	19	19		42	00304120120	s/cons.
14	14	22	22		47	00304140140	s/cons.
15	15	24	24		49	00304150150	s/cons.

Roscas sem M são BSP. Cotas em mm.

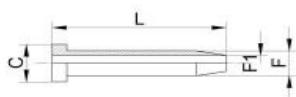
G130 – Porca*



Ø	F	CH	L	Código	Preço/un
4	M8X1	10	11	00305040108	s/cons.
5	M8x1	10	11		s/cons.
6	M10X1	12	12	00305060110	s/cons.
7	M12x1	14	13		s/cons.
8	M12X1	14	13	00305080112	s/cons.
10	M14X1	17	13	00305100114	s/cons.
12	M16X1	19	13	00305120116	s/cons.
14	M18X1	22	14	00305140118	s/cons.
15	M20X1	24	15	00305150120	s/cons.

Roscas métricas. Cotas em mm.

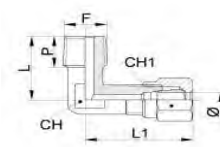
IR100 – Reforço interno*



Ø F	Ø F1	Ø C	L	Código	Preço/un
2	1,25	3,5	8	00306020000	s/cons.
2,5	1,7	3,5	12	00306025000	s/cons.
4	3,25	5	12	00306040000	s/cons.
6	5	7	15	00306060000	s/cons.
8	7	9	15	00306080000	s/cons.
9	8	10	15	00306090000	s/cons.
10	9	11	15	00306100000	s/cons.
11	10	12	17	00306110000	s/cons.
12	11	13	17	00306120000	s/cons.
12,5	11,5	14	17	00306125000	s/cons.
14	13	15	17		s/cons.
15	14	16	17		s/cons.
16					s/cons.

Cotas em mm.

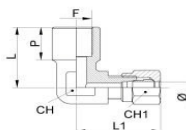
L102 – Joelho macho cónico*



Ø	F	L	L1	CH	CH1	P	Código	Preço/un
4	1/8	18	24	9	10	8	00307040B02	s/cons.
4	1/4	20	23,5	12	10	11		s/cons.
6	1/8	18	25	12	12	8	00307060B02	s/cons.
6	1/4	20	24	12	12	11	00307060B04	s/cons.
8	1/8	18	25,5	12	14	8	00307080B02	s/cons.
8	1/4	21	29	12	14	11	00307080B04	s/cons.
8	3/8	26,5	32,5	14	14	11	00307080B06	s/cons.
8	1/2	30	34	17	14	14		s/cons.
10	1/8	21,5	25	13	17	8	00307100B02	s/cons.
10	1/4	25	29,5	14	17	11	00307100B04	s/cons.
10	3/8	26,5	32	14	17	11	00307100B06	s/cons.
10	1/2	30	33	17	17	14	00307100B08	s/cons.
12	1/4	26,5	33	14	19	11	00307120B04	s/cons.
12	3/8	26,5	33	14	19	11	00307120B06	s/cons.
12	1/2	30	33	17	19	14	00307120B08	s/cons.
14	3/8	26,5	39	17	22	11	00307140B06	s/cons.
14	1/2	30	39	17	22	14	00307140B08	s/cons.
15	1/2	30	37	17	24	14	00307150B08	s/cons.

Roscas sem M são BSP. Cotas em mm.

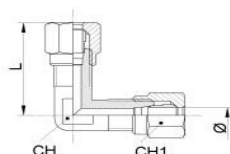
L109 – Joelho fêmea



Ø	F	L	L1	CH	CH1	P	Código	Preço/un
4	1/8	20,5	25	12	10	8		s/cons.
6	1/8	20,5	25	12	12	8		s/cons.
6	1/4	23,5	25	11	12	10		s/cons.
8	1/8	21,5	27	11	14	8		s/cons.
8	1/4	23,5	27	11	14	10		s/cons.
10	1/4	27,5	31	14	17	10		s/cons.
10	1/2	34	51,5	22	17	12		s/cons.

Roscas sem M são BSP. Cotas em mm.

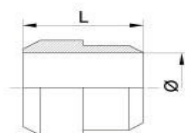
L122 – Joelho intermédio*



Ø	CH	CH1	L	Código	Preço/un
4	11	10	27	00309040000	s/cons.
6	11	12	28	00309060000	s/cons.
8	11	14	28,5	00309080000	s/cons.
10	14	17	32	00309100000	s/cons.
12	13	19	35	00309120000	s/cons.
14	17	22	39	00309140000	s/cons.
15	17	24	40	00309150000	s/cons.

Cotas em mm.

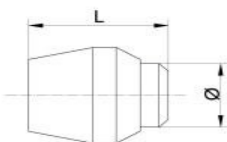
OG131 – Bicone*



Ø	L	Código	Preço/un
4	6	00310040000	s/cons.
5			s/cons.
6	7,5	00310060000	s/cons.
7			s/cons.
8	7	00310080000	s/cons.
10	7	00310100000	s/cons.
12	7	00310120000	s/cons.
14	7	00310140000	s/cons.
15	8	00310150000	s/cons.

Cotas em mm.

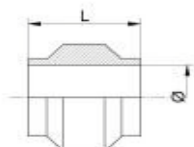
OG135 – Bicone tampão



Ø	L	Código	Preço/un
4	7,5		s/cons.
6	10		s/cons.
8	9,5		s/cons.
10	9,5		s/cons.
12	9,5		s/cons.
14	9,5		s/cons.
15	10,5		s/cons.
16	10,5		s/cons.

Cotas em mm.

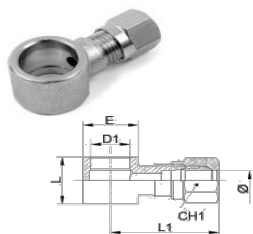
OG531 – Bicone barril*



Ø	Código	Preço/un
4	00312040000	s/cons.
6	00312060000	s/cons.
8	00312080000	s/cons.
10	00312100000	s/cons.
12	00312120000	s/cons.
14	00312140000	s/cons.
15	00312150000	s/cons.

Cotas em mm

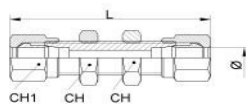
RA300 – Banjo simples



Ø	F	CH1	L	L1	D1	E	Código	Preço/un
4	M5	10	9	18	5,1	9		s/cons.
6	1/8	12	14,5	27	9,9	14		s/cons.
6	1/4	12	14,5	30	13,3	18		s/cons.
8	1/8	14	14,5	28	9,9	14		s/cons.
8	1/4	14	14,5	31	13,3	18		s/cons.
10	1/4	17	14,5	32	13,3	18		s/cons.

Roscas sem M são BSP. Cotas em mm.

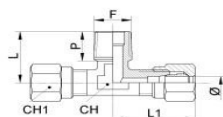
RP300 – Passa-painel*



Ø	CH	CH1	L	Código	Preço/un
6	14	12	48	00314060000	s/cons.
8	17	14	53	00314080000	s/cons.
10	17	17	58	00314100000	s/cons.
12	19	19	66	00314120000	s/cons.

Cotas em mm.

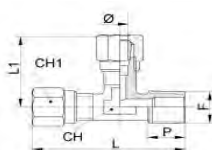
TC100 – Tê macho cónico central*



Ø	F	CH	CH1	P	L	L1	Código	Preço/un
4	1/8	9	10	8	16	21,5	00315040B02	s/cons.
6	1/8	9	12	8	16	23	00315060B02	s/cons.
6	1/4	10	12	11	20	25	00315060B04	s/cons.
8	1/8	12	14	8	20,5	26,5	00315080B02	s/cons.
8	1/4	10	14	11	20,5	27	00315080B04	s/cons.
8	3/8	13	14	11	24	31	00315080B06	s/cons.
10	1/4	12	17	11	23	30	00315100B04	s/cons.
10	3/8	13	17	11	26	34	00315100B06	s/cons.
10	1/2	17	17	14	28	36		s/cons.
12	1/4	13	19	11	26	34		s/cons.
12	3/8	13	19	11	26	34	00315120B06	s/cons.
12	1/2	17	19	14	28	36	00315120B08	s/cons.
15	1/2	17	24	14	28	38	00315150B08	s/cons.

Roscas sem M são BSP. Cotas em mm.

TL101 – Tê macho cónico lateral*



Ø	F	CH	CH1	P	L	L1	Código	Preço/un
4	1/8	9	10	8	38,5	22,5	00316040B02	s/cons.
6	1/8	9	12	8	39,5	23,5	00316060B02	s/cons.
6	1/4	10	12	11	45	25	00316060B04	s/cons.
8	1/8	12	14	8	46,5	26,5	00316080B02	s/cons.
8	1/4	10	14	11	47,5	28	00316080B04	s/cons.
8	3/8	13	14	11	58,5	34,5	00316080B06	s/cons.
10	1/4	12	17	11	53	30	00316100B04	s/cons.
10	3/8	13	17	11	60	34	00316100B06	s/cons.
10	1/2	17	17	14	64	36		s/cons.
12	1/4	13	19	11	60	34		s/cons.
12	3/8	13	19	11	60	34	00316120B06	s/cons.
12	1/2	17	19	14	64	36	00316120B08	s/cons.

Roscas sem M são BSP. Cotas em mm.

TT121 – Tê intermédio*



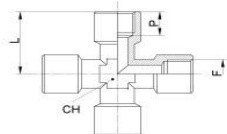
Ø	CH	CH1	L	Código	Preço/un
4	9	10	42	00317040000	s/cons.
6	9	12	46	00317060000	s/cons.
8	12	14	54	00317080000	s/cons.
10	12	17	60	00317100000	s/cons.
12	13	19	68	00317120000	s/cons.
15	17	24	74,5		s/cons.

Cotas em mm.

NOTAS



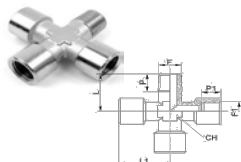
CR203 – Cruzeta fêmea*



F	CH	P	L	Código	Preço/un
1/8	10	8	21	00400000B02	s/cons.
1/4	13	11	25,5	00400000B04	s/cons.
3/8	17	11,5	28	00400000B06	s/cons.
1/2	22	14	33,5	00400000B08	s/cons.

Roscas sem M são BSP. Cotas em mm.

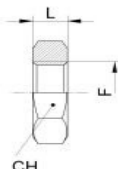
CT203 – Cruzeta fêmea / macho*



F	F1	CH	P	P1	L	L1	Código	Preço/un
1/8	1/8	10	8	8	18,5	21	00401000B02	s/cons.
1/4	1/4	13	11	11	23,5	25,5	00401000B04	s/cons.
3/8	3/8	17	11,5	11,5	26	28	00401000B06	s/cons.
1/2	1/2	21	14	14	31	33,5	00401000B08	s/cons.

Roscas sem M são BSP. Cotas em mm.

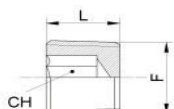
DE120 – Porca baixa*



F	CH	L	Código	Preço/un
M10x1	14	4,5	00402000110	s/cons.
M12x1	17	4,5	00402000112	s/cons.
M14x1	17	5	00402000114	s/cons.
M16x1	19	5	00402000116	s/cons.
M22x1	25	5	00402000122	s/cons.
1/8	14	4,5	00402000B02	s/cons.
1/4	17	5	00402000B04	s/cons.
3/8	20	5	00402000B06	s/cons.
1/2	24	6	00402000B08	s/cons.

Roscas sem M são BSP. Cotas em mm.

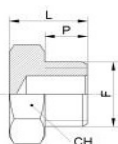
E100 – Tampão macho cônico*



F	CH	L	Código	Preço/un
1/8	5	8	00403000B02	s/cons.
1/4	6	10	00403000B04	s/cons.
3/8	8	11	00403000B06	s/cons.
1/2	10	13	00403000B08	s/cons.

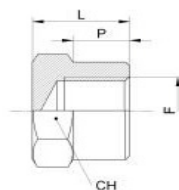
Roscas sem M são BSP. Cotas em mm.

E261 – Tampão macho cilíndrico*



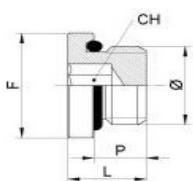
F	CH	P	L	Código	Preço/un
1/8	14	6	11	00405000B02	s/cons.
1/4	17	8	13	00405000B04	s/cons.
3/8	19	9	14,5	00405000B06	s/cons.
1/2	24	9	15	00405000B08	s/cons.
3/4	30	11	17	00405000B12	s/cons.

Roscas sem M são BSP. Cotas em mm.

E265 – Tampão fêmea*

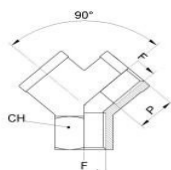
F	CH	P	L	Código	Preço/un
1/8	14	9	12	00407000B02	s/cons.
1/4	17	10	14	00407000B04	s/cons.
3/8	22	11	15	00407000B06	s/cons.
1/2	24	12,5	16	00407000B08	s/cons.
3/4	30	14	18	00407000B12	s/cons.

Roscas sem M são BSP. Cotas em mm.

E266 – Tampão macho cilíndrico sextavado interior com o'ring*

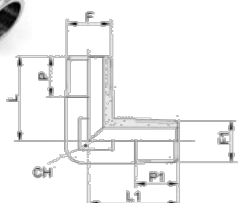
F	CH	P	L	Ø	Código	Preço/un
M5	2,5	4	5,6	8	00408000M05	s/cons.
1/8	5	6	8	14	00408000B02	s/cons.
1/4	6	8	10	18	00408000B04	s/cons.
3/8	8	9	12	21	00408000B06	s/cons.
1/2	10	11	14	26	00408000B08	s/cons.
3/4					00408000B12	s/cons.
1"					00408000B16	s/cons.

Cotas em mm

F204 – Y fêmea*

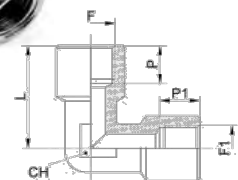
F	CH	P	Código	Preço/un
1/8	14	9	00409000B02	s/cons.
1/4	17	11	00409000B04	s/cons.
3/8	20	13	00409000B06	s/cons.
1/2	26	15	00409000B08	s/cons.

Roscas sem M são BSP. Cotas em mm.

L201/0 – Joelho macho / macho*

F	F1	CH	P	L	Código	Preço/un
1/8	1/8	9	8	17,5	00410B02B02	s/cons.
1/4	1/4	11	11	20,5	00410B04B04	s/cons.
3/8	3/8	14	11,5	24,5	00410B06B06	s/cons.
1/2	1/2	17	14	28,5	00410B08B08	s/cons.
3/4	3/4	25	16	33	00410B12B12	s/cons.
1"	1"	30	17,5	39	00410B16B16	s/cons.

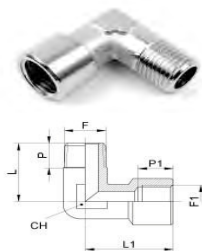
Roscas sem M são BSP. Cotas em mm.

L201 – Joelho fêmea / fêmea*

F	F	CH	P	L	Código	Preço/un
1/8	1/8	12	8	21	00411B02B02	s/cons.
1/4	1/4	14	11	26,5	00411B04B04	s/cons.
3/8	3/8	17	12	29,5	00411B06B06	s/cons.
1/2	1/2	22	14	34	00411B08B08	s/cons.
3/4	3/4	25	16,5	36,5	00411B12B12	s/cons.
1"	1"	30	19	45	00411B16B16	s/cons.

Roscas sem M são BSP. Cotas em mm.

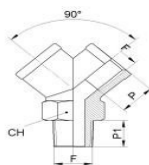
L202 – Joelho macho / fêmea*



F	F1	CH	P	P1	L	L1	Código	Preço/un
1/8	1/8	12	8	8	17	20	00412B02B02	s/cons.
1/4	1/4	14	11	11	25	26,5	00412B04B04	s/cons.
3/8	3/8	17	11,5	12	27	29,5	00412B06B06	s/cons.
1/2	1/2	22	14	14	32	34	00412B08B08	s/cons.
3/4	3/4	25	16	16,5	33	36,5	00412B12B12	s/cons.
1"	1"	30	17,5	19	45	39	00412B16B16	s/cons.

Roscas sem M são BSP. Cotas em mm.

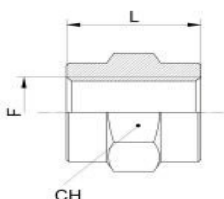
M204 – Y macho cónico*



F	CH	P	P1	Código	Preço/un
1/8	14	9	9	00413000B02	s/cons.
1/4	17	11	11	00413000B04	s/cons.
3/8	20	13	11	00413000B06	s/cons.
1/2	26	15	11	00413000B08	s/cons.

Roscas sem M são BSP. Cotas em mm.

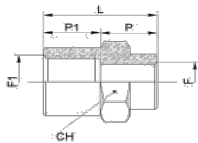
M254 – União*



F	CH	L	Código	Preço/un
M5			00414000M05	s/cons.
1/8	14	15	00414000B02	s/cons.
1/4	17	22	00414000B04	s/cons.
3/8	22	24	00414000B06	s/cons.
1/2	25	30	00414000B08	s/cons.
3/4	32	31	00414000B12	s/cons.
1"	41	38	00414000B16	s/cons.

Roscas sem M são BSP. Cotas em mm.

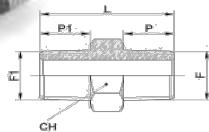
M255 – Casquilho fêmea / fêmea de redução*



F	F1	CH	P	P1	L	Código	Preço/un
1/8	1/4	17	8	10	22	00415B04B02	s/cons.
1/8	3/8	22	8	12	24	00415B06B02	s/cons.
1/8	1/2	25	8	12	24	00415B08B02	s/cons.
1/4	3/8	22	10	12	24	00415B06B04	s/cons.
1/4	1/2	25	10	12	24	00415B08B04	s/cons.
3/8	1/2	25	10	12	24	00415B08B06	s/cons.
3/8	3/4	32	10	14	30	00415B12B06	s/cons.
1/2	3/4	32	10	14	30	00415B12B08	s/cons.
3/4	1"	41	16	19	38	00415B16B12	s/cons.

Roscas sem M são BSP. Cotas em mm.

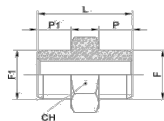
NC250 – Casquilho macho cónico*



F	F1	CH	P	P1	L	Código	Preço/un
1/8	1/8	12	7,5	7,5	20	00416000B02	s/cons.
1/4	1/4	14	10,5	10,5	26	00416000B04	s/cons.
3/8	3/8	17	11,5	11,5	28	00416000B06	s/cons.
1/2	1/2	22	14	14	35	00416000B08	s/cons.
3/4	3/4	27	14	14	35	00416000B12	s/cons.
1"	1"	34	19	19	46	00416000B16	s/cons.

Roscas sem M são BSP. Cotas em mm.

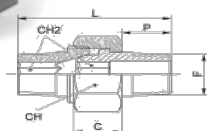
NC260 – Casquilho macho cilíndrico*



F	F1	CH	P	P1	L	Código	Preço/un
1/8	1/8	14	6	6	17	00417000B02	s/cons.
3/4	3/4	30	11	11	29	00417000B12	s/cons.
1"	1"	33	14,5	14,5	37	00417000B16	s/cons.

Roscas sem M são BSP. Cotas em mm.

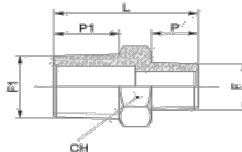
NC270 – Casquilho macho cónico 3 peças*



F	CH1	CH2	P	L	C	Código	Preço/un
1/8	15	5	9	27	8,6	00418000B02	s/cons.
1/4	19	6	11,5	33,5	9,6	00418000B04	s/cons.
3/8	22	8	13	36	10	00418000B06	s/cons.
1/2	27	12	15,5	45	12	00418000B08	s/cons.

Roscas sem M são BSP. Cotas em mm.

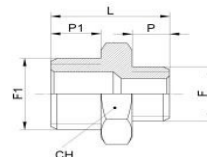
NR251 – Casquilho macho cónico de redução*



F	F1	CH	P	P1	L	Código	Preço/un
1/8	1/4	14	7,5	10,5	23	00420B04B02	s/cons.
1/8	3/8	17	7,5	11,5	24	00420B06B02	s/cons.
1/8	1/2	22	7,5	14	27	00420B08B02	s/cons.
1/4	3/8	17	10,5	11,5	27	00420B06B04	s/cons.
1/4	1/2	22	11,5	14	32	00420B08B04	s/cons.
3/8	1/2	22	11,5	14	32	00420B08B06	s/cons.
3/8	3/4	27	11,5	14	32	00420B12B06	s/cons.
1/2	3/4	27	14	14	35	00420B12B08	s/cons.

Roscas sem M são BSP. Cotas em mm.

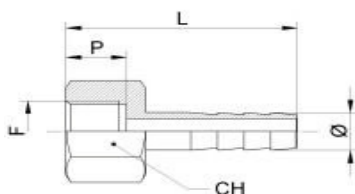
NR261 – Casquilho macho cilíndrico de redução*



F	F1	CH	P	P1	L	Código	Preço/un
1/8	3/8	19	6	9	20	00421B06B02	s/cons.
1/8	1/2	24	6	10	22	00421B08B02	s/cons.
1/4	3/8	19	8	9	22	00421B06B04	s/cons.
1/4	1/2	24	8	10	24	00421B08B04	s/cons.
3/8	3/4	30	9	11	26	00421B12B06	s/cons.
1/2	3/4	30	10	11	28	00421B12B08	s/cons.
1/2	1"	36	10	14	35	00421B16B08	s/cons.
3/4	1"	36	14,5	14	38,5	00421B16B12	s/cons.

Roscas sem M são BSP. Cotas em mm.

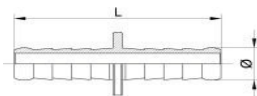
PG250 – Porta mangueira fêmea cilíndrico*



F	Ø	CH	P	L	Código	Preço/un
1/8	7	14	8	30,5	00423070B02	s/cons.
1/8	9	14	8	30,5	00423090B02	s/cons.
1/4	7	17	11	33	00423070B04	s/cons.
1/4	9	17	11	35	00423090B04	s/cons.
1/4	10	17	11	35	00423100B04	s/cons.
1/4	12	17	11	35	00423120B04	s/cons.
3/8	9	19	12	36	00423090B06	s/cons.
3/8	10	19	12	36	00423100B06	s/cons.
3/8	12	19	12	36	00423120B06	s/cons.
3/8	17	19	12	38	00423170B06	s/cons.
1/2	10	24	14	42	00423100B08	s/cons.
1/2	12	24	14	42	00423120B08	s/cons.
1/2	14	24	14	42	00423140B08	s/cons.
1/2	17	24	14	42	00423170B08	s/cons.
1/2	20	24	14	42	00423200B08	s/cons.

Roscas sem M são BSP. Cotas em mm.

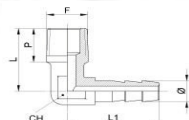
PG255 – Porta-mangueira direito duplo*



Ø	L	Código	Preço/un
6	32,5	00424060000	s/cons.
7	32,5	00424070000	s/cons.
9	46	00424090000	s/cons.
10	46	00424100000	s/cons.

Cotas em mm

PG258 – Joelho porta mangueira macho cônico*



F	Ø	CH	P	L	L1	Código	Preço/un
1/8	7	10	8	19	22,5	00425070B02	s/cons.
1/8	9	11	8	20	24	00425090B02	s/cons.
1/4	7	10	11	22	22,5	00425070B04	s/cons.
1/4	8	10	11	22	22,5	00425080B04	s/cons.
1/4	9	11	11	22	24	00425090B04	s/cons.

Roscas sem M são BSP. Cotas em mm.

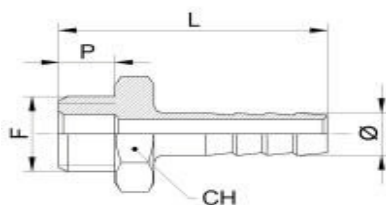
PG259 – Joelho porta mangueira fêmea*



F	Ø	CH	P	L	L1	Código	Preço/un
1/8	7	10	8	22	22,5	00426070B02	s/cons.
1/8	9	11	8	22	24	00426090B02	s/cons.
1/4	7	11	9	23,5	25	00426070B04	s/cons.
1/4	8	11	9	23,5	25	00426090B04	s/cons.

Roscas sem M são BSP. Cotas em mm.

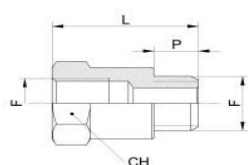
PG260 – Porta mangueira macho cilíndrico*



F	Ø	CH	P	L	Código	Preço/un
1/8	6	14	6,5	31	00427060B02	s/cons.
1/8	7	14	6,5	31	00427070B02	s/cons.
1/8	8	14	6,5	31	00427080B02	s/cons.
1/8	9	14	6,5	31	00427090B02	s/cons.
1/8	10	14	6,5	31	00427100B02	s/cons.
1/4	6	17	8	33	00427060B04	s/cons.
1/4	7	17	8	33	00427070B04	s/cons.
1/4	8	17	8	33	00427080B04	s/cons.
1/4	9	17	8	35	00427090B04	s/cons.
1/4	10	17	8	35	00427100B04	s/cons.
1/4	12	17	8	35	00427120B04	s/cons.
1/4	14	17	8	35	00427140B04	s/cons.
3/8	9	19	9	36	00427090B06	s/cons.
3/8	10	19	9	36	00427100B06	s/cons.
3/8	12	19	9	36	00427120B06	s/cons.
3/8	14	19	9	38	00427140B06	s/cons.
3/8	16	19	9	38	00427160B06	s/cons.
3/8	17	19	9	38	00427170B06	s/cons.
1/2	8	24	10	42	00427080B08	s/cons.
1/2	10	24	10	42	00427100B08	s/cons.
1/2	12	24	10	42	00427120B08	s/cons.
1/2	14	24	10	42	00427140B08	s/cons.
1/2	16	24	10	42	00427160B08	s/cons.
1/2	17	24	10	42	00427170B08	s/cons.
1/2	20	24	10	42	00427200B08	s/cons.
3/4	20	30	12	47	00427200B12	s/cons.
3/4	25	30	12	53	00427250B12	s/cons.

Roscas sem M são BSP. Cotas em mm.

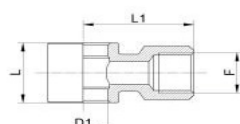
PRL100 – Prolongamento cilíndrico*



F	CH	P	L	Código	Preço/un
1/8	14	7	23	00430160B02	s/cons.
1/8	14	7	29	00430220B02	s/cons.
1/8	14	7	43	00430360B02	s/cons.
1/4	17	8	35	00430270B04	s/cons.
1/4	17	8	51	00430430B04	s/cons.

Roscas sem M são BSP. Cotas em mm.

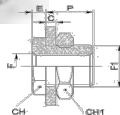
RA230 – Banjo simples*



F	D1	L	L1	Código	Preço/un
1/8	9,9	14,5	22	00431000B02	s/cons.
1/4	13	14,5	25,5	00431000B04	s/cons.

Roscas sem M são BSP. Cotas em mm.

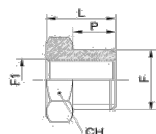
RAE100 – Passa painel roscado*



F	F1	B	P	E	CH	CH1	Código	Preço/un
1/8	M16X1,5	10	14	4	19	22	00432000B02	s/cons.
1/4	M20X1,5	16	21	4	24	27	00432000B04	s/cons.
3/8	M26X1,5	15	21	5	30	32	00432000B06	s/cons.
1/2	M28X1,5	21	27	6	32	36	00432000B08	s/cons.

Roscas sem M são BSP. Cotas em mm.

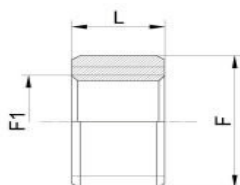
RC100 – Porca de redução cilíndrica passante*



F	F1	CH	P	L	Código	Preço/un
1/8	M5	14	6	10,5	00433B02M05	s/cons.
3/8	1/8	19	9	14	00433B06B02	s/cons.

Roscas sem M são BSP. Cotas em mm.

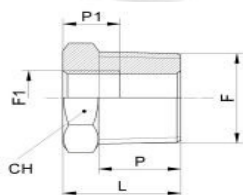
RC200 – Redução cilíndrica passante*



F	F1	L	Código	Preço/un
1/4	1/8	8	00434B04B02	s/cons.
3/8	1/4	9	00434B06B04	s/cons.
1/2	3/8	10	00434B08B06	s/cons.
3/4	1/2	14	00434B12B08	s/cons.
1"	3/4		00434B16B12	s/cons.

Roscas sem M são BSP. Cotas em mm.

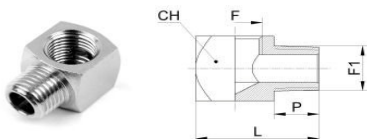
RC253 – Porca de redução cônica*



F	F1	CH	P	P1	L	Código	Preço/un
1/4	1/8	14	11	8	16	00435B04B02	s/cons.
3/8	1/8	17	11,5	8	16,5	00435B06B02	s/cons.
3/8	1/4	17	11,5	11	16,5	00435B06B04	s/cons.
1/2	1/8	22	14	8	20	00435B08B02	s/cons.
1/2	1/4	22	14	11	20	00435B08B04	s/cons.
1/2	3/8	22	14	14	20	00435B08B06	s/cons.
3/4	1/4	27	16	12	23,5	00435B12B04	s/cons.
3/4	3/8	27	16	16	23,5	00435B12B06	s/cons.
3/4	1/2	27	16	16	23,5	00435B12B08	s/cons.
1"	1/4	34	17	11	25	00435B16B04	s/cons.
1"	3/8	34	17	14	25	00435B16B06	s/cons.
1"	1/2	34	17	16	25	00435B16B08	s/cons.
1"	3/4	34	17	16	25	00435B16B12	s/cons.

Roscas sem M são BSP. Cotas em mm.

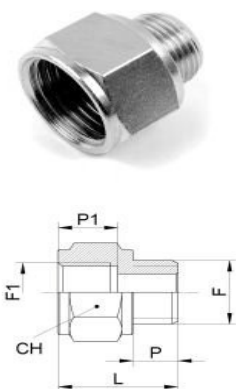
RLB100 – Joelho curto macho cônico / fêmea*



F	F1	CH	P	L	Código	Preço/un
1/8	1/8	14	8	22	00436000B02	s/cons.
1/4	1/4	18	10	28	00436000B04	s/cons.

Roscas sem M são BSP. Cotas em mm.

RM200 – Redução cilíndrica*



F	F1	CH	P	P1	L	Código	Preço/un
M5	M5	9	5	7	14	00438M05M05	s/cons.
M5	1/8	14	5	8	15	00438M05B02	s/cons.
M6	1/8	14	6	8	16	00438M06B02	s/cons.
1/8	1/8	14	6	8	16	00438B02B02	s/cons.
1/8	1/4	17	6	12	20,5	00438B02B04	s/cons.
1/8	3/8	22	6	12	20,5	00438B02B06	s/cons.
1/8	1/2	24	7	14	24	00438B02B08	s/cons.
1/4	1/4	17	8	12	22,5	00438B04B04	s/cons.
1/4	3/8	22	8	12	23	00438B04B06	s/cons.
1/4	1/2	24	8	14	25	00438B04B08	s/cons.
3/8	3/8	22	9	12	24	00438B06B06	s/cons.
3/8	1/2	24	9	14	26	00438B06B08	s/cons.
1/2	1/2	27	10	14	27	00438B08B08	s/cons.
1/2	3/4	30	10	14	27	00438B08B12	s/cons.

Roscas sem M são BSP. Cotas em mm.

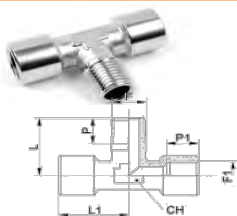
RM252 – Redução cônica*



F	F1	CH	P	P1	L	Código	Preço/un
1/8	1/8	14	8	8	18	00439B02B02	s/cons.
1/8	1/4	17	8	12	22,5	00439B02B04	s/cons.
1/8	3/8	22	8	12	23	00439B02B06	s/cons.
1/8	1/2	24	10	14	27,5	00439B02B08	s/cons.
1/4	1/4	17	11	12	25,5	00439B04B04	s/cons.
1/4	3/8	22	11	12	26,5	00439B04B06	s/cons.
1/4	1/2	24	11	14	28	00439B04B08	s/cons.
1/4	3/4	30	11	14	28,5	00439B04B12	s/cons.
3/8	3/8	22	12	12	27	00439B06B06	s/cons.
3/8	1/2	24	12	14	29	00439B06B08	s/cons.
3/8	3/4	30	12	14	29,5	00439B06B12	s/cons.
1/2	1/2	24	14	14	31,5	00439B08B08	s/cons.
1/2	3/4	30	14	14	31,5	00439B08B12	s/cons.

Roscas sem M são BSP. Cotas em mm.

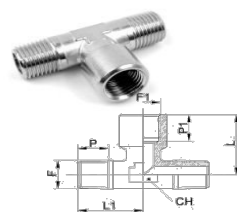
TC206 – T macho central*



F	F1	CH	P	P1	L	L1	Código	Preço/un
1/8	1/8	10	8	9	19,5	19,5	00440000B02	s/cons.
1/4	1/4	13	11	11	24,8	25,8	00440000B04	s/cons.
3/8	3/8	17	11,5	13	28,5	30	00440000B06	s/cons.
1/2	1/2	22	14	14	31,8	34,8	00440000B08	s/cons.

Roscas sem M são BSP. Cotas em mm.

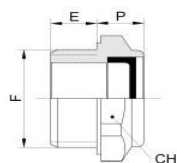
TC209 – T fêmea central*



F	F1	CH	P	P1	L	L1	Código	Preço/un
1/8	1/8	10	8	9	20,5	18,5	00441000B02	s/cons.
1/4	1/4	13	11	11	25,8	24,8	00441000B04	s/cons.
3/8	3/8	17	11,5	13	28,5	28,5	00441000B06	s/cons.
1/2	1/2	22	14	14	34,8	31,8	00441000B08	s/cons.

Roscas sem M são BSP. Cotas em mm.

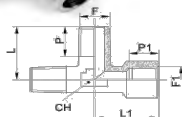
TIL680 – Visor em alumínio*



F	E	P	CH	Código	Preço/un
1/4	9	8	17	00442000B04	s/cons.
3/8	10	9	22	00442000B06	s/cons.
1/2	11	9	27	00442000B08	s/cons.
3/4	11	11	32	00442000B12	s/cons.
1"	12	10	40	00442000B16	s/cons.

Roscas sem M são BSP. Cotas em mm.

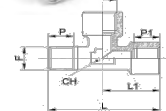
TL205 – T fêmea lateral*



F	F1	CH	P	P1	L	L1	Código	Preço/un
1/8	1/8	10	8	9	19,5	19,5	00443000B02	s/cons.
1/4	1/4	13	11	11	25,8	24,8	00443000B04	s/cons.
3/8	3/8	17	11,5	13	30	28,5	00443000B06	s/cons.
1/2	1/2	22	14	14	34,8	31,8	00443000B08	s/cons.

Roscas sem M são BSP. Cotas em mm.

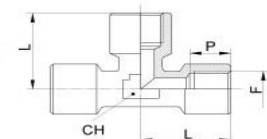
TL207 – T macho lateral*



F	F1	CH	P	P1	L	L1	Código	Preço/un
1/8	1/8	10	8	9	38	19,5	00444000B02	s/cons.
1/4	1/4	13	11	11	50,5	25,8	00444000B04	s/cons.
3/8	3/8	17	11,5	13	58,5	30	00444000B06	s/cons.
1/2	1/2	22	14	14	66,5	34,8	00444000B08	s/cons.

Roscas sem M são BSP. Cotas em mm.

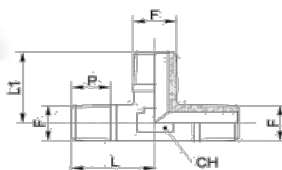
TT200 – T fêmea*



F	CH	P	L	Código	Preço/un
1/8	10	9	20,5	00444000B02	s/cons.
1/4	13	11	25,8	00444000B04	s/cons.
3/8	17	12	30	00444000B06	s/cons.
1/2	22	14	34,8	00444000B08	s/cons.

Roscas sem M são BSP. Cotas em mm.

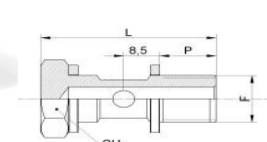
TT208 – T macho*



F	CH	P	L	Código	Preço/un
1/8	9	8	19,5	00446000B02	s/cons.
1/4	12	11	20,5	00446000B04	s/cons.
3/8	13	11,5	26	00446000B06	s/cons.
1/2	17	14	30	00446000B08	s/cons.

Roscas sem M são BSP. Cotas em mm.

VC163/1 – Parafuso curto para banjo simples*

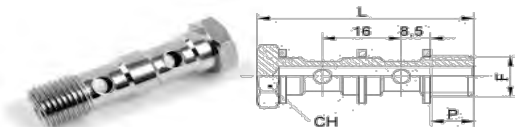


F	CH	P	L	Código	Preço/un
M5	8	4	18	00447000M05	s/cons.
1/8	14	6	28	00447000B02	s/cons.
1/4	17	8	30	00447000B04	s/cons.
3/8	19	8,5	30,5	00447000B06	s/cons.
1/2	24	10	32	00447000B08	s/cons.

Roscas sem M são BSP. Cotas em mm.

* Fornecido sem anilhas

VC163/2 – Parafuso curto para banjo duplo*



F	CH	P	L	Código	Preço/un
1/8	14	6	44	00448000B02	s/cons.
1/4	17	8	46	00448000B04	s/cons.
3/8	19	8,5	47	00448000B06	s/cons.
1/2	24	10	48	00448000B08	s/cons.
Roscas sem M são BSP. Cotas em mm.					
Fornecido sem anilhas					

VC163/3 – Parafuso curto para banjo triplo*



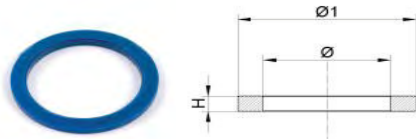
F	CH	P	L	Código	Preço/un
1/8	14	6	59	00449000B02	s/cons.
1/4	17	8	61,5	00449000B04	s/cons.
Roscas sem M são BSP. Cotas em mm.					
Fornecido sem anilhas					

VC165/2 – Parafuso longo para banjo duplo*



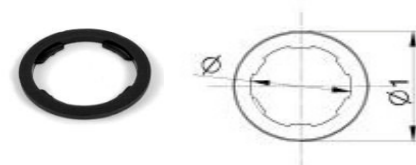
F	CH	P	L	Código	Preço/un
1/8				00451000B02	s/cons.
1/4				00451000B04	s/cons.
1/2				00451000B08	s/cons.
Roscas sem M são BSP. Cotas em mm.					
Fornecido sem anilhas					

RNY200 – Anilha de nylon*



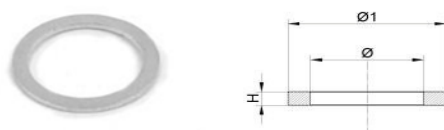
F2	Ø	Ø1	H	Código	Preço/un
M5	5	8	1	6A401050080	s/cons.
1/8	10	14	1,6	6A401100140	s/cons.
1/4	13	17,5	1,6	6A401130175	s/cons.
3/8	16,5	21,5	1,8	6A401165215	s/cons.
1/2	21	26,5	2	6A401210265	s/cons.
Roscas sem M são BSP. Cotas em mm.					

RNYD300 – Anilha de nylon dentada*



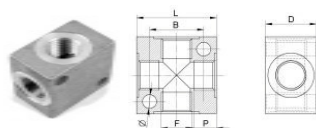
F2	Ø	Ø1	H	Código	Preço/un
M5	5	8	1	6A421050080	s/cons.
1/8	10	14	1,6	6A421100140	s/cons.
1/4	13	17,5	1,6	6A421130175	s/cons.
3/8	17	21,5	1,8	6A421170215	s/cons.
1/2	21	26,5	2	6A421210265	s/cons.
3/4	27	32	2	6A421270320	s/cons.
Roscas sem M são BSP. Cotas em mm.					

RAL100 – Anilha de alumínio*



F2	Ø	Ø1	H	Código	Preço/un
M5	5	9	1	6A201050090	s/cons.
1/8	10	14	1,5	6A201100140	s/cons.
1/4	13,5	18	1,5	6A201135180	s/cons.
3/8	17	22	1,5	6A201170220	s/cons.
1/2	21,5	27	1,5	6A201215270	s/cons.
Roscas sem M são BSP. Cotas em mm.					

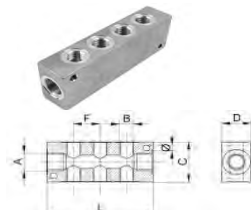
B303 – Bloco 4 saídas em alumínio*



F	Ø	P	L	H	B	Código	Preço/un
1/8	4,5	7	25	15	17	00452000B02	s/cons.
1/4	5,5	11	40	20	26	00452000B04	s/cons.
3/8	5,5	12	50	25	34	00452000B06	s/cons.
1/2	5,5	12	50	30	34	00452000B08	s/cons.
3/4	5,5	14	60	35	45	00452000B12	s/cons.

Roscas sem M são BSP. Cotas em mm.

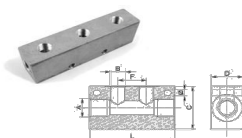
RIC2E – Distribuidor em alumínio com saídas bilaterais*



A	B x 2	C	D	F	Ø	L	Código	Preço/un
1/4	4x1/8	30	20	18	4,5	90	00453B04003	s/cons.
1/4	6x1/8	30	20	18	4,5	126	00453B04005	s/cons.
3/8	4x1/4	40	25	24	6	116	00453B06003	s/cons.
3/8	6x1/4	40	25	24	6	164	00453B06005	s/cons.

Roscas sem M são BSP. Cotas em mm.

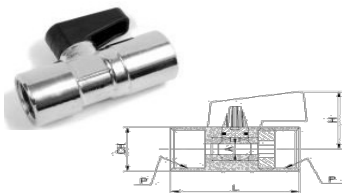
RILSL2E – Distribuidor em alumínio longo com saídas laterais



A	B	C	D	F	Ø	L	Código	Preço/un
1/4	4x1/8	30	20	30	4,5	120	00455B04003	s/cons.
3/8	4x1/4	40	20	36	4,5	144	00455B06003	s/cons.

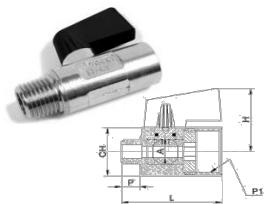
Roscas sem M são BSP. Cotas em mm.

NOTAS

MCVS1000 – Micro válvula de esfera fêmea-fêmea

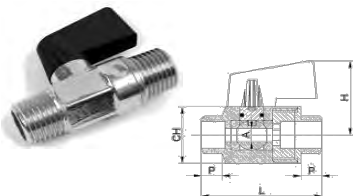
F	CH	P	L	A	H	Código	Preço/un
1/8	14	8	39,5	5,5	27		s/cons.
1/4	14	10	44,5	5,5	27		s/cons.
3/8	18	11,5	48	7	22,5		s/cons.
1/2	16	16	59	10	32		s/cons.

Roscas sem M são BSP. Cotas em mm.

MCVS1100 – Micro válvula de esfera macho-fêmea

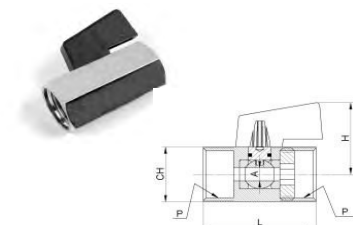
F	CH	P	P1	L	A	H	Código	Preço/un
1/8	14	7,5	8	39	5,5	27		s/cons.
1/4	14	11	10	44,5	5,5	27		s/cons.
3/8	18	13	16	48	7	22,5		s/cons.
1/2	22	17	23	58	10	32		s/cons.

Roscas sem M são BSP. Cotas em mm.

MCVS1200 – Micro válvula de esfera macho-macho

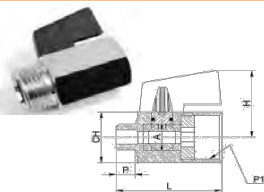
F	CH	P	L	A	H	Código	Preço/un
1/8	14	7,5	37,5	5,5	27		s/cons.
1/4	14	11	43,5	5,5	27		s/cons.
3/8	18	13	45	7	22,5		s/cons.
1/2	22	17	48	10	32		s/cons.

Roscas sem M são BSP. Cotas em mm.

MIVS400 – Mini válvula de esfera fêmea-fêmea*

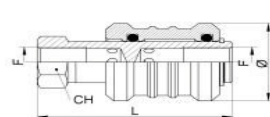
F	CH	P	L	A	H	Código	Preço/un
1/8	21	9	39	8	14	00503000B02	s/cons.
1/4	21	9	39	8	14	00503000B04	s/cons.
3/8	21	12	42	8	14	00503000B06	s/cons.
1/2	25	12,5	47	10	16	00503000B08	s/cons.
3/4	30	14,5	54	12	19	00503000B12	s/cons.

Roscas sem M são BSP. Cotas em mm.

MIVS405 – Mini válvula de esfera macho-fêmea*

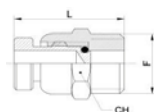
F	CH	P	P1	L	A	H	Código	Preço/un
1/4	21	9	10,5	39	8	28	00504000B04	s/cons.
3/8	21	10	10	40	8	28	00504000B06	s/cons.
1/2	25	12	10,5	45	10	30	00504000B08	s/cons.

Roscas sem M são BSP. Cotas em mm.

VF100 – Válvula de correição*

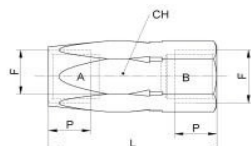
F	CH	L	B	Código	Preço/un
1/8	14	48	24,5	00521000B02	s/cons.
1/4	19	53	29,5	00521000B04	s/cons.
3/8	22	63	34,5	00521000B06	s/cons.
1/2	27	73	39,5	00521000B08	s/cons.
3/4	36	75	47,5	00521000B12	s/cons.

Roscas sem M são BSP. Cotas em mm.

025 – Purga manual*

F	L	CH	Código	Preço/un
1/4	25	14	00530000B04	s/cons.

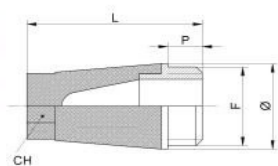
Roscas sem M são BSP. Cotas em mm.

VNR100 – Válvula anti-retorno fêmea

F	CH	P	L	Código	Preço/un
M5	8	5,5	26,5	00551000M05	s/cons.
1/8	13	8,5	35,5	00551000B02	s/cons.
1/4	14	11	42,5	00551000B04	s/cons.
1/2	24	15	64	00551000B08	s/cons.

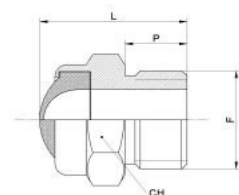
Roscas sem M são BSP. Cotas em mm.

NOTAS

SI7000T – Silenciador piramidal base em latão*

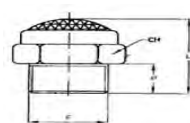
F	P	L	CH	Código	Preço/un
M5	4	17	8	00601000M05	s/cons.
1/8	6	29	13	00601000B02	s/cons.
1/4	7	32	16	00601000B04	s/cons.
3/8	8	40	19	00601000B06	s/cons.
1/2	9	45	24	00601000B08	s/cons.
3/4	9	56	30	00601000B12	s/cons.
1"	11	66	36	00601000B16	s/cons.

Roscas sem M são BSP. Cotas em mm.

SIS7300T – Silenciador de palha de aço inox 316*

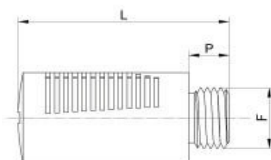
F	P	L	CH	Código	Preço/un
M5	4	8	8	00602000M05	s/cons.
1/8	6	15	13	00602000B02	s/cons.
1/4	7	18	16	00602000B04	s/cons.
3/8	8	20	19	00602000B06	s/cons.
1/2	10	22	24	00602000B08	s/cons.
3/4	10	26	30	00602000B12	s/cons.
1"	12	28	36	00602000B16	s/cons.

Roscas sem M são BSP. Cotas em mm.

SIT7400T – Silenciador plano*

F	Ø	CH	P	L	Código	Preço/un
M5	11	7	5	12	00603000M05	s/cons.
1/8	11	13	6	14	00603000B02	s/cons.
1/4	14	16	7	17	00603000B04	s/cons.
3/8	17	19	8	18	00603000B06	s/cons.
1/2	22	24	10	20	00603000B08	s/cons.

Roscas sem M são BSP. Cotas em mm.

SIPL810 – Silenciador plástico*

F	Ø	P	L	Código	Preço/un
1/8	15	6	32,5	00606000B02	s/cons.
1/4	19,5	8	43	00606000B04	s/cons.
3/8	24,5	11	58	00606000B06	s/cons.
1/2	24,5	11	58	00606000B08	s/cons.

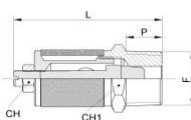
Roscas sem M são BSP. Cotas em mm.

ECO – Silenciador ecológico*

COM
RESERVATÓRIO
P/ÓLEO

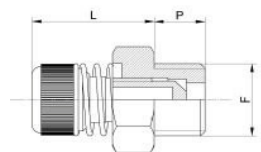
E	Código	Preço/un
1x14+7x8	00608000000	s/cons.
1/8	00608000B02	s/cons.
1/4	00608000B04	s/cons.
3/8	00608000B06	s/cons.

Roscas sem M são BSP. Cotas em mm.

SIR7800T – Silenciador regulador de escape*

F	P	Lmi	Lma	CH	CH1	Código	Preço/un
1/8	8	30	36	10	16	00610000B02	s/cons.
1/4	9	30	36	10	16	00610000B04	s/cons.
1/2	11	37	50	10	22	00610000B06	s/cons.

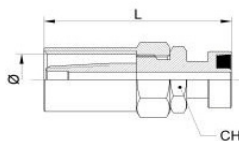
Roscas sem M são BSP. Cotas em mm.

SIM7900T – Silenciador regulador de escape*

F	Lmi	Lmax	P	Código	Preço/un
1/8	20	22	6	00611000B02	s/cons.
1/4	22	24	8	00611000B04	s/cons.
3/8	25	28	10	00611000B06	s/cons.
1/2	26	29	11	00611000B08	s/cons.

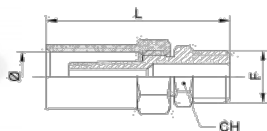
Roscas sem M são BSP. Cotas em mm.

NOTAS

010 – Baioneta com porta-mangueira*

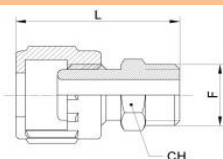
CH	L	Ø	Código	Preço/un
15	41	6x14	00700068000	s/cons.
15	41	8x17	00700089000	s/cons.

Cotas em mm.

011 – Macho com porta-mangueira*

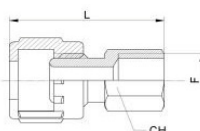
F	CH	L	Ø	Código	Preço/un
1/4	15	40	6x14	00701068B04	s/cons.
1/4	15	40	8x17	00701086B04	s/cons.
3/8	15	40	10x19	00701108B06	s/cons.

Roscas sem M são BSP. Cotas em mm.

019 – Porca baioneta macho*

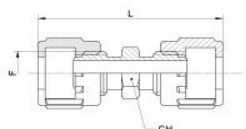
F	L	CH	Código	Preço/un
1/4	35	14	00703000B04	s/cons.
3/8	32	17	00703000B06	s/cons.

Roscas sem M são BSP. Cotas em mm.

020 – Porca baioneta fêmea*

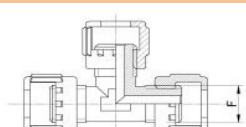
F	L	CH	Código	Preço/un
1/4	33	15	00704000B04	s/cons.

Roscas sem M são BSP. Cotas em mm.

021 – Porca baioneta dupla*

F	L	CH	Código	Preço/un
1/4	40	14	00705000B04	s/cons.

Roscas sem M são BSP. Cotas em mm.

022 – Porca baioneta tripla*

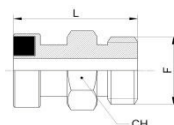
F	Código	Preço/un
1/4	00706000B04	s/cons.

Roscas sem M são BSP.

023 – Porca para baioneta*

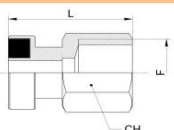
F	Código	Preço/un
1/4	00707000B04	s/cons.
3/8	00707000B06	s/cons.

Roscas sem M são BSP.

026 – Baioneta macho*

F	L	CH	Código	Preço/un
1/4	23,5	15	00709000B04	s/cons.

Roscas sem M são BSP. Cotas em mm.

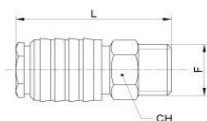
027 – Baioneta fêmea*

F	L	CH	Código	Preço/un
1/4		15	00710000B04	s/cons.

Roscas sem M são BSP. Cotas em mm.

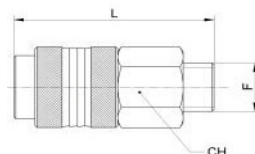
028 – Vedante para baioneta*

Código	Preço/un
00711000000	s/cons.

500M – Acoplamento mignon macho*

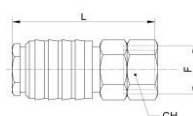
F	L	CH	Código	Preço/un
1/8		14	00720000B02	s/cons.
1/4	38	14	00720000B04	s/cons.

Roscas sem M são BSP. Cotas em mm.

500E – Acoplamento universal macho (AVP)*

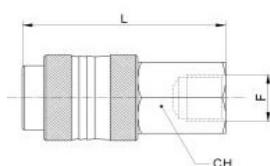
F	L	CH	Código	Preço/un
1/4	55	19	00740000B04	s/cons.
3/8		19	00740000B06	s/cons.
1/2	55	19	00740000B08	s/cons.

Roscas sem M são BSP. Cotas em mm.

501M – Acoplamento mignon fêmea*

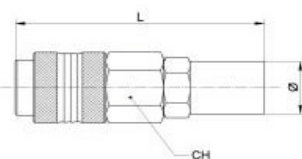
F	L	CH	Código	Preço/un
1/8	37,5	14	00721000B02	s/cons.
1/4	37,5	15	00721000B04	s/cons.

Roscas sem M são BSP. Cotas em mm.

501E – Acoplamento universal fêmea (AVP)*

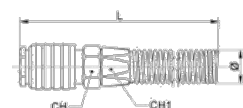
F	L	CH	Código	Preço/un
1/4	55	19	00741000B04	s/cons.
3/8	58	19	00741000B06	s/cons.
1/2	58	25	00741000B08	s/cons.

Roscas sem M são BSP. Cotas em mm.

502E – Acoplamento universal com porta mangueira (AVP)*

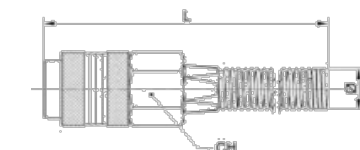
Ø	L	CH	Código	Preço/un
6X13	78	19	00742613000	s/cons.
8X14	78	19	00742814000	s/cons.
8X15-10X16	78	19	00742815000	s/cons.
10X18	78	19	00742018000	s/cons.

Cotas em mm.

503M – Acoplamento mignon c/ mola para tubo*

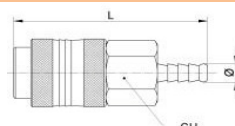
Ø	Código	Preço/un
6x4	00723064000	s/cons.
8x6	00720086000	s/cons.

Cotas em mm.

503E – Acoplamento universal c/ mola p/ tubo (AVP)*

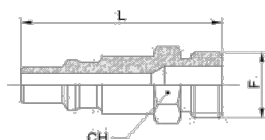
Ø	Código	Preço/un
8x6	00743086000	s/cons.
10x8	00743108000	s/cons.

Cotas em mm.

504E – Acoplamento universal com porta mangueira (AVP)*

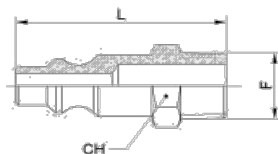
Ø	Código	Preço/un
13	00744130000	s/cons.

Cotas em mm.

514I – Conector perfil Italiano macho*

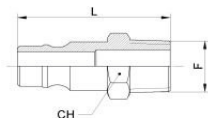
F	Código	Preço/un
1/8	00757000B02	s/cons.
1/4	00757000B04	s/cons.

Roscas sem M são BSP.

514D – Conector perfil Alemão macho*

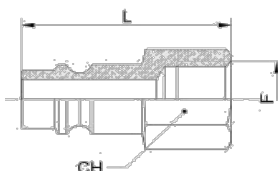
F	Código	Preço/un
1/8	00767000B02	s/cons.
1/4	00767000B04	s/cons.
3/8	00767000B06	s/cons.
1/2	00767000B08	s/cons.

Roscas sem M são BSP.

514M – Conector perfil mignon macho*

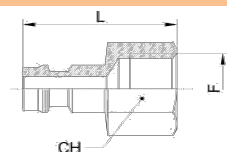
F	Código	Preço/un
1/8	00727000B02	s/cons.
1/4	00727000B04	s/cons.

Roscas sem M são BSP.

515D – Conector perfil Alemão fêmea*

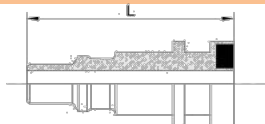
F	Código	Preço/un
1/4	00768000B04	s/cons.
3/8	00768000B06	s/cons.
1/2	00768000B08	s/cons.

Roscas sem M são BSP.

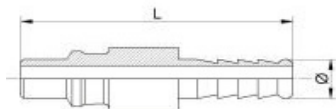
515M – Conector perfil mignon fêmea*

F	Código	Preço/un
1/8	00728000B02	s/cons.
1/4	00728000B04	s/cons.

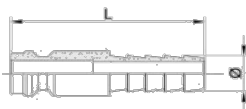
Roscas sem M são BSP.

516I – Conector perfil Italiano c/ baioneta*

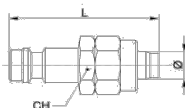
Código	Preço/un
00753000000	s/cons.

524D – Conector perfil Alemão c/ porta mangueira*

Ø	Código	Preço/un
7	00769070000	s/cons.
9	00769090000	s/cons.
11	00769110000	s/cons.
13	00769130000	s/cons.
Cotas em mm.		

524M – Conector perfil mignon c/ porta mangueira

Ø	Código	Preço/un
6	00729060000	s/cons.
Cotas em mm.		

530M – Conector perfil mignon c/ aperto mecânico*

Ø	Código	Preço/un
9	00730086000	s/cons.
Cotas em mm.		

563M – Conector perfil mignon c/ mola para tubo*

Ø	Código	Preço/un
6x4	00734064000	s/cons.
8x6	00734086000	s/cons.
Cotas em mm.		

NOTAS

751100 – Pistola de sopro 029

Código	Preço/un
51000010001	s/cons.

751110 – Pistola de sopro com cano comprido 030

Código	Preço/un
51000010002	s/cons.

751200 – Pistola pesa ar

Código	Preço/un
51000020001	s/cons.

Ponteira pesa-ar

Ø	Código	Preço/un
6	00790006000	s/cons.
8	00790008000	s/cons.

751300/310-Pistolas de lavagem

751300-Alumínio



751310-Ferro

Código	Preço/un
51000050001	s/cons.
51000050002	s/cons.

TCNPL4040 - Pistola de sopro cano anti-risco

mod. **TUCANO**
 Min 0.35 Max 0.6 MPa
 Min -10°C Max +70°C

Código	Preço/un
51201010002	s/cons.

TCNPS4040 - Pistola de sopro cano anti-risco silenciosa

mod. **TUCANO**
 Min 0.35 Max 0.6 MPa
 Min -10°C Max +70°C

Código	Preço/un
51201010003	s/cons.

TCN304040 - Pistola de sopro cano metálico

mod. **TUCANO**
 Min 0.35 Max 0.6 MPa
 Min -10°C Max +70°C



ÉCRAN PROTECTOR

Código	Preço/un
51201010001	s/cons.
51201001000	s/cons.

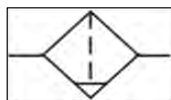
TCNS34040 - Pistola de sopro cano metálico silenciosa

mod. **TUCANO**
 Min 0.35 Max 0.6 MPa
 Min -10°C Max +70°C

Código	Preço/un
51201010004	s/cons.

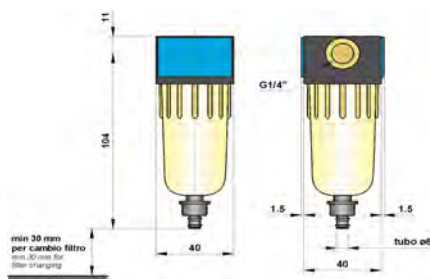
NOTAS

FIL - Filtro



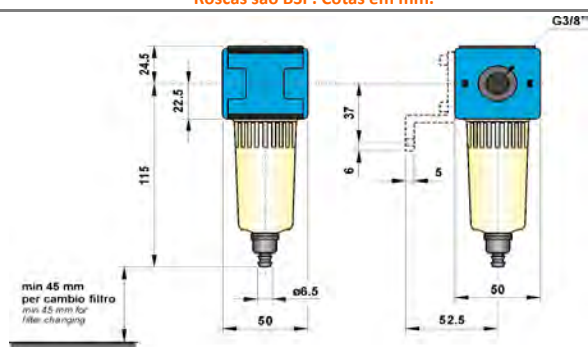
ENT.	P. ENT.	FILT.	CAUDAL	CAP.	TEMP.	PESO	Código	Preço/un
1/4"	16 bar	25μ	550NI/m	12 cm ³	50°	100g	04101004025	s/cons.
1/4"	16 bar	5μ	550NI/m	12 cm ³	50°	100g	04101004005	s/cons.

Roscas são BSP. Cotas em mm.



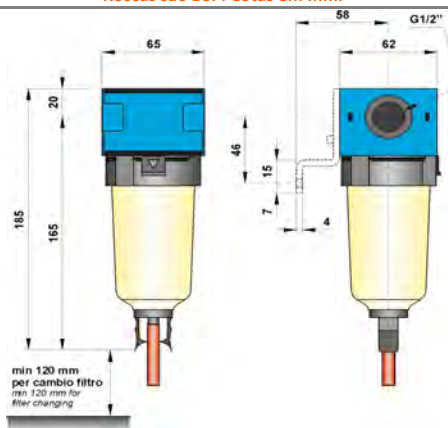
ENT.	P. ENT.	FILT.	CAUDAL	CAP.	TEMP.	PESO	Código	Preço/un
3/8"	16 bar	30μ	850NI/m	22 cm ³	50°	250g	04101006030	s/cons.
3/8"	16 bar	5μ	850NI/m	22 cm ³	50°	250g	04101006005	s/cons.

Roscas são BSP. Cotas em mm.



ENT.	P. ENT.	FILT.	CAUDAL	CAP.	TEMP.	PESO	Código	Preço/un
1/2"	16 bar	30μ	1900NI/m	57 cm ³	50°	550g	04101008030	s/cons.
1/2"	16 bar	5μ	1900NI/m	57 cm ³	50°	550g	04101008005	s/cons.

Roscas são BSP. Cotas em mm.

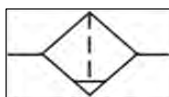


ENT.	P. ENT.	FILT.	CAUDAL	CAP.	TEMP.	PESO	Código	Preço/un
1"	17,5 bar	30μ	10000NI/m	130 cm ³	50°	900g	04101016030	s/cons.

Roscas são BSP. Cotas em mm.

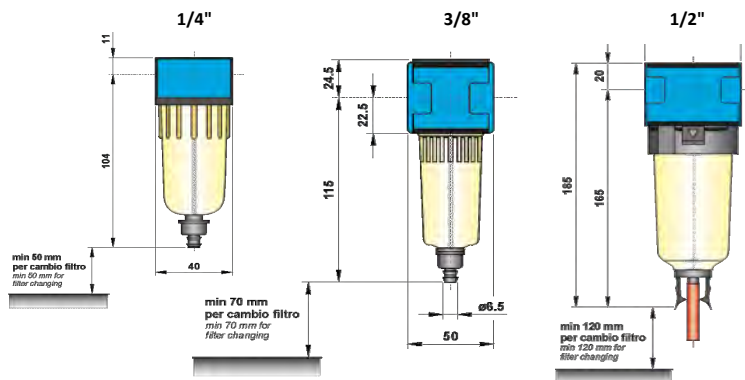


MFIL - Microfiltro

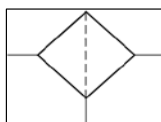


ENT.	P. ENT.	EFIC.	CAUDAL	CAP.	TEMP.	PESO	Código	Preço/un
1/4"	10 bar	99,999%	125NI/m	12 cm ³	50°	100g	0410200400M	s/cons.
3/8"	10 bar	99,999%	200NI/m	22 cm ³	50°	300g	0410200600M	s/cons.
1/2"	10 bar	99,999%	600NI/m	57 cm ³	50°	600g	0410200800M	s/cons.

Roscas são BSP. Cotas em mm.

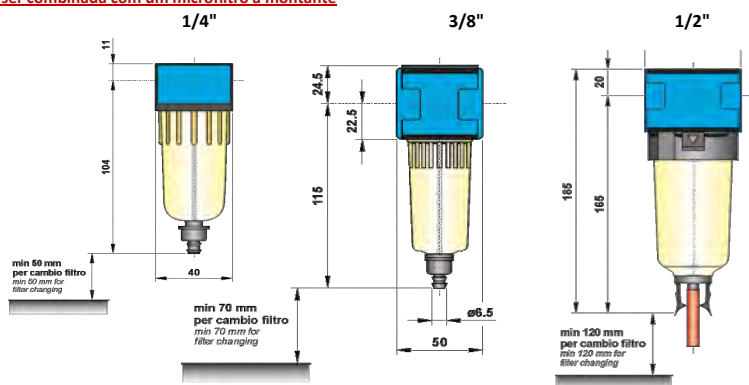


CFIL - Filtro de Carvão Activo

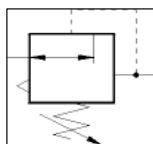


ENT.	P. ENT.	EFIC.	CAUDAL	CAP.	TEMP.	PESO	Código	Preço/un
1/4"	10 bar	0,003ppm	125NI/m	12 cm ³	40°	100g	0410300400C	s/cons.
3/8"	10 bar	0,003ppm	200NI/m	22 cm ³	40°	300g	0410300600C	s/cons.
1/2"	10 bar	0,003ppm	600NI/m	57 cm ³	40°	600g	0410300800C	s/cons.

Roscas são BSP. Cotas em mm.

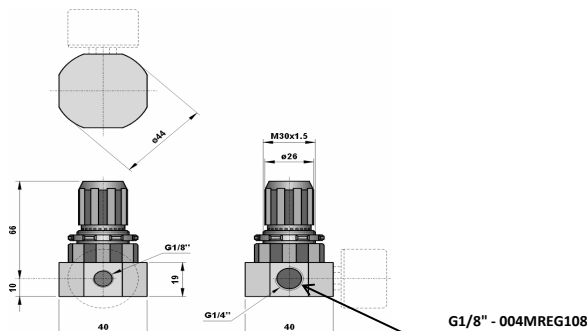
IMPORTANTE: A montagem deve ser combinada com um microfiltro a montante

MREG - Mini Regulador de Pressão

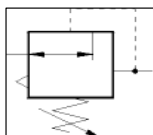


ENT.	P. ENT.	P. REG.	CAUDAL	TEMP.	PESO	Código	Preço/un
1/8"	10 bar	0,5-8 bar	300NI/m	50°	125g	04104002008	s/cons.
1/4"	10 bar	0,5-8 bar	550NI/m	50°	125g	04104004004	s/cons.
1/4"	10 bar	0,5-4 bar	550NI/m	50°	125g	04104004008	s/cons.

Roscas são BSP. Cotas em mm.



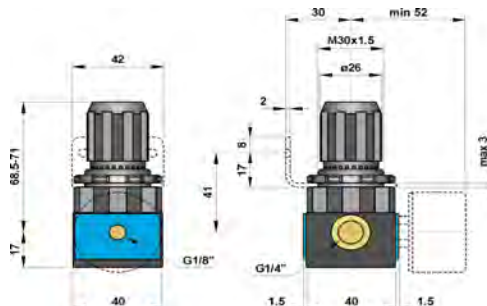
REG - Regulador de Pressão



ENT.	P. ENT.	P. REG.	CAUDAL	TEMP.	PESO	Código	Preço/un
1/4"	10 bar	0,5-8 bar	550Nl/m	50°	125g	04105004008	s/cons.
1/4"	10 bar	0,5-4 bar	550Nl/m	50°	125g	04105004004	s/cons.

Roscas são BSP. Cotas em mm.

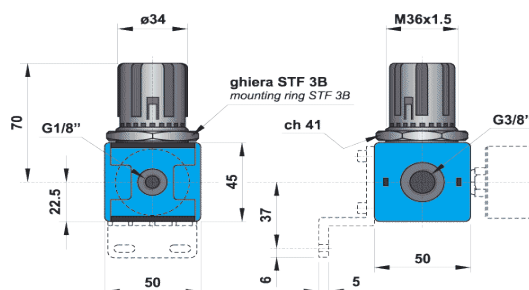
Roscas são BSP. Cotas em mm.



ENT.	P. ENT.	P. REG.	CAUDAL	TEMP.	PESO	Código	Preço/un
3/8"	16 bar	0,5-8 bar	850NI/m	60°	300g	04105006008	s/cons.

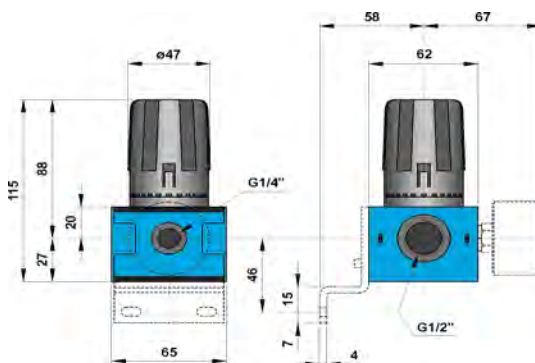
Roscas são BSP. Cotas em mm.

Roscas são BSP. Cotas em mm.



ENT.	P. ENT.	P. REG.	CAUDAL	TEMP.	PESO	Código	Preço/un
1/2"	16 bar	0,5-8 bar	1900NI/m	60°	550g	04105008008	s/cons.

Roscas são BSP. Cotas em mm.

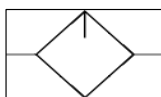


ENT.	P. ENT.	PRESSÃO	CAUDAL	TEMP.	PESO	Código	Preço/un
1"	17,5 bar	0,5-12 bar	18200Nl/m	50°	1200g	04105016012	s/cons.

Roscas são BSP. Cotas em mm.



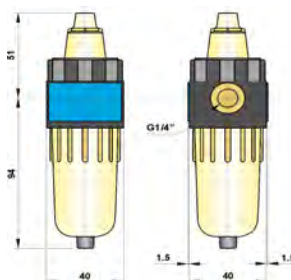
LUB - Lubrificador



ENT.	P. ENT.	CAUDAL	CAP.	TEMP.	PESO	Código	Preço/un
1/4"	10 bar	550NI/m	35 cm³	50°	90g	04106004035	s/cons.

Roscas são BSP. Cotas em mm.

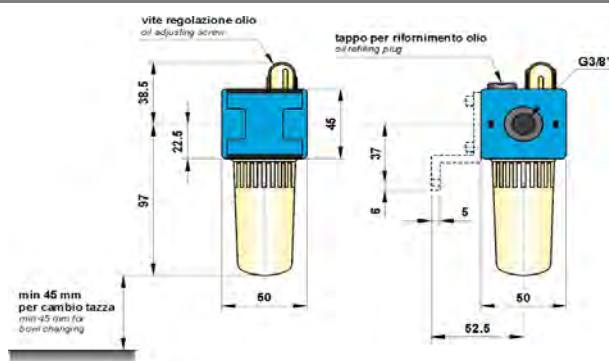
Roscas são BSP. Cotas em mm.



ENT.	P. ENT.	CAUDAL	CAP.	TEMP.	PESO	Código	Preço/un
3/8"	16 bar	850NI/m	45 cm³	60°	250g	04106006045	s/cons.

Roscas são BSP. Cotas em mm

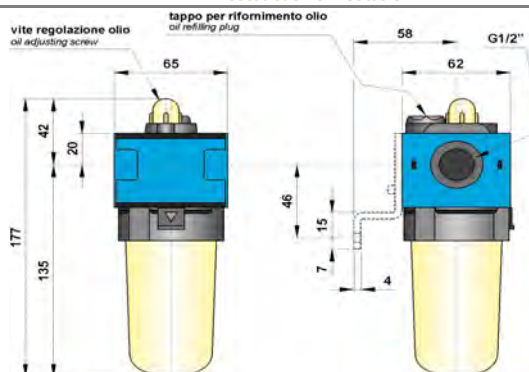
Roscas são BSP. Cotas em mm.



ENT.	P. ENT.	CAUDAL	CAP.	TEMP.	PESO	Código	Preço/un.
1/2"	16 bar	1900NI/m	112 cm³	60°	550g	04106008112	s/cons.

Roscas são BSP. Cotas em mm.

Roscas são BSP. Cotas em mm.



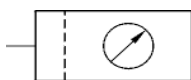
ENT.	P. ENT.	CAUDAL	CAP.	TEMP.	PESO	Código	Preço/un
1"	17,5 bar	17700NI/m	500 cm³	50°	800g	04106016500	s/cons.

Roscas são BSP. Cotas em mm.

Roscas são BSP. Cotas em mm.

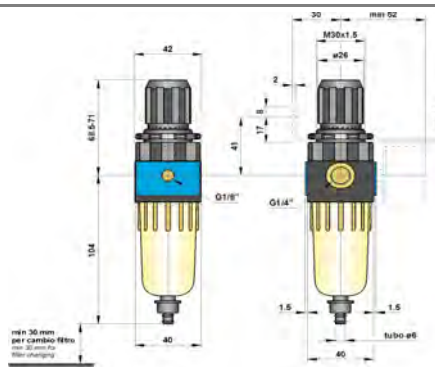


FR - Filtro / Regulador



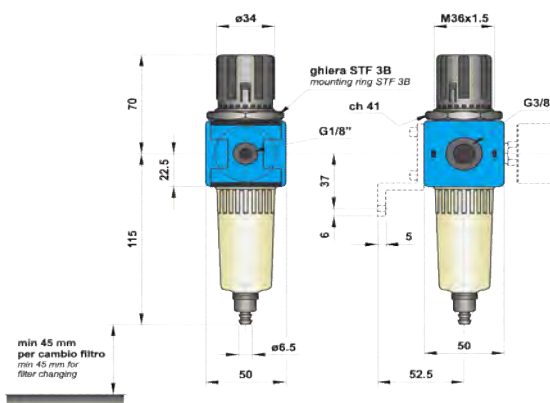
ENT.	P. ENT.	P. REG.	FILT.	CAUDAL	TEMP.	PESO	Código	Preço/un
1/4"	10 bar	0,5-8 bar	25μ	550NI/m	50°	120g	04107004025	s/cons.
1/4"	10 bar	0,5-8 bar	5μ	550NI/m	50°	120g	04107004005	s/cons.

Roscas são BSP. Cotas em mm.



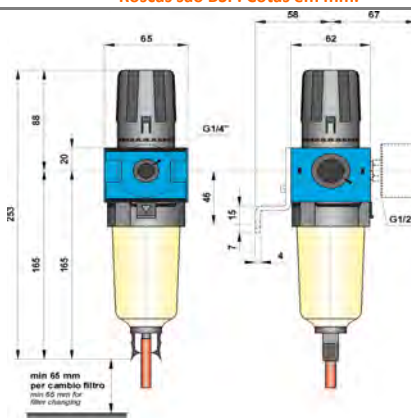
ENT.	P. ENT.	P. REG.	FILT.	CAUDAL	TEMP.	PESO	Código	Preço/un
3/8"	16 bar	0,5-8 bar	30μ	850NI/m	50°	350g	04107006030	s/cons.
3/8"	16 bar	0,5-8 bar	5μ	850NI/m	50°	350g	04107006005	s/cons.

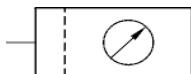
Roscas são BSP. Cotas em mm.



ENT.	P. ENT.	P. REG.	FILT.	CAUDAL	TEMP.	PESO	Código	Preço/un
1/2"	16 bar	0,5-8 bar	30μ	1900NI/m	50°	750g	04107008030	s/cons.
1/2"	16 bar	0,5-8 bar	5μ	1900NI/m	50°	750g	04107008005	s/cons.

Roscas são BSP. Cotas em mm.



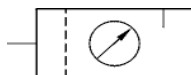
FR - Filtro / Regulador

ENT.	P. ENT.	P. REG.	FILT.	CAUDAL	TEMP.	PESO	Código	Preço/un
1"	17,5 bar	0,5-12 bar	30μ	19000NI/m	50°	1500g	04107016030	s/cons.

Roscas são BSP. Cotas em mm.

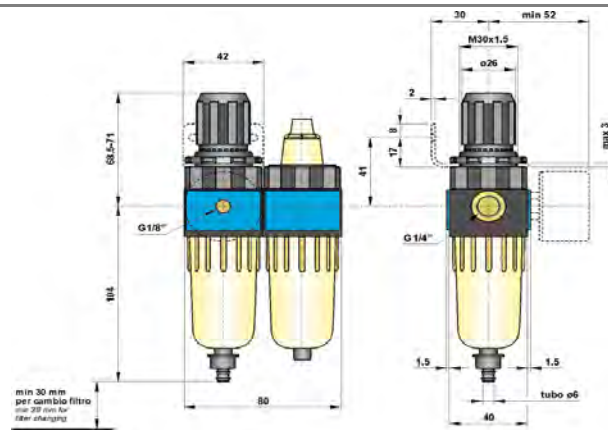
**NOTAS**

FR+L - Filtro / Regulador + Lubrificador



ENT.	P. ENT.	P. REG.	FILT.	CAUDAL	TEMP.	PESO	Código	Preço/un
1/4"	10 bar	0,5-8 bar	25µ	550NI/m	50°	320g	04108004025	s/cons.
Roscas são BSP. Cotas em mm.								

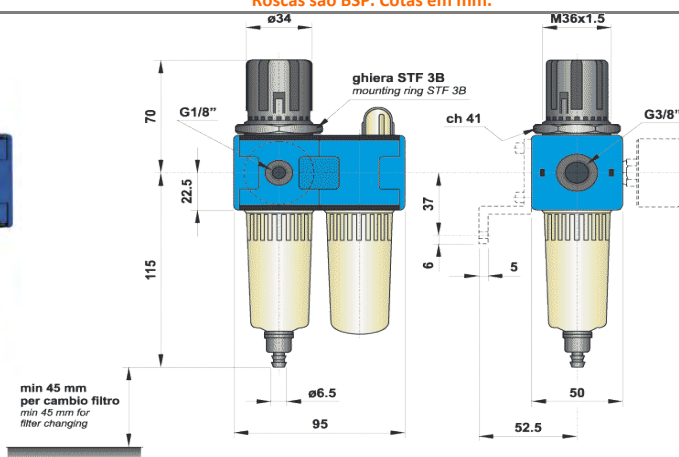
Roscas são BSP. Cotas em mm.



ENT.	P. ENT.	P. REG.	FILT.	CAUDAL	TEMP.	PESO	Código	Preço/un
3/8"	16 bar	0,5-8 bar	30µ	680NI/m	50°	750g	04108006030	s/cons.

Resacas são BSP. Cotas em mm.

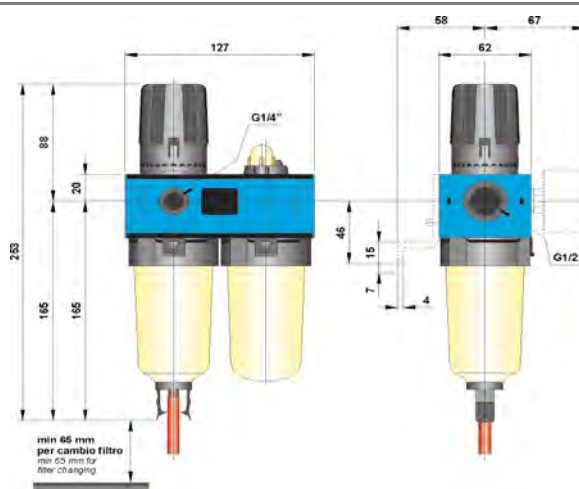
Roscas são BSP. Cotas em mm.

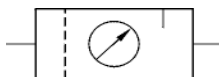


ENT.	P. ENT.	P. REG.	FILT.	CAUDAL	TEMP.	PESO	Código	Preço/un
1/2"	16 bar	0,5-8 bar	30µ	1900NI/m	50°	1500g	04108008030	s/cons.

Roscas são BSP. Cotas em mm.

Roscas são BSP. Cotas em mm.



FR+L - Filtro / Regulador + Lubrificador

ENT.	P. ENT.	P. REG.	FILT.	CAUDAL	TEMP.	PESO	Código	Preço/un
1"	17,5 bar	0,5-12 bar	30μ	14600NI/m	50°	2800g	04108016030	s/cons.

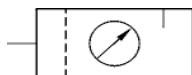
Roscas são BSP. Cotas em mm.



ATENÇÃO: O suporte e o manómetro não estão incluídos no fornecimento

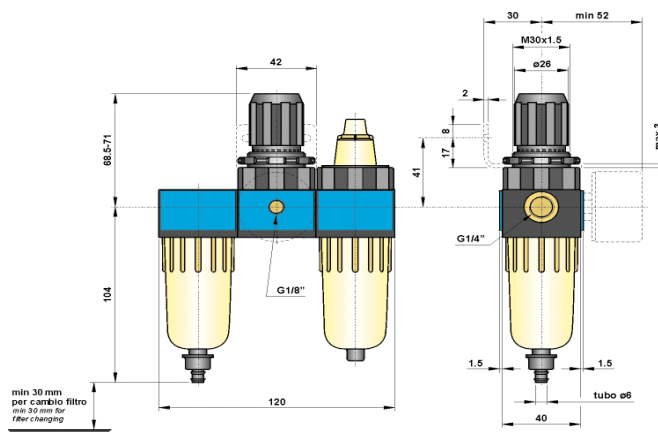
NOTAS

FRL - Filtro+Regulador+Lubrificador



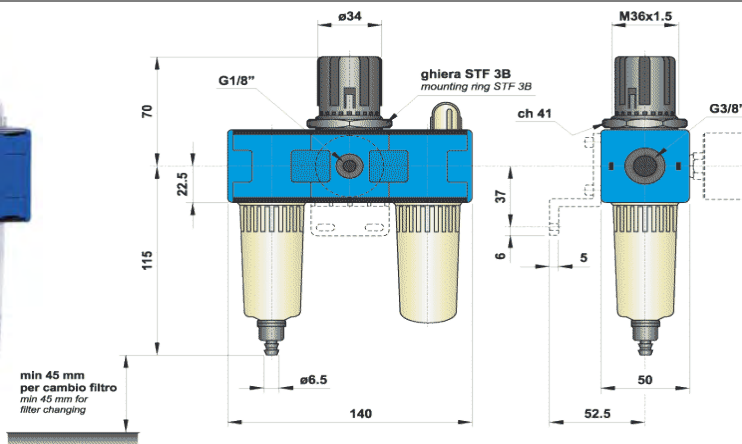
ENT.	P. ENT.	P. REG.	FILT.	CAUDAL	TEMP.	PESO	Código	Preço/un
1/4"	10 bar	0,5-8 bar	25µ	550l/m	50°	400g	04109004025	s/cons.

Roscas são BSP. Cotas em mm.



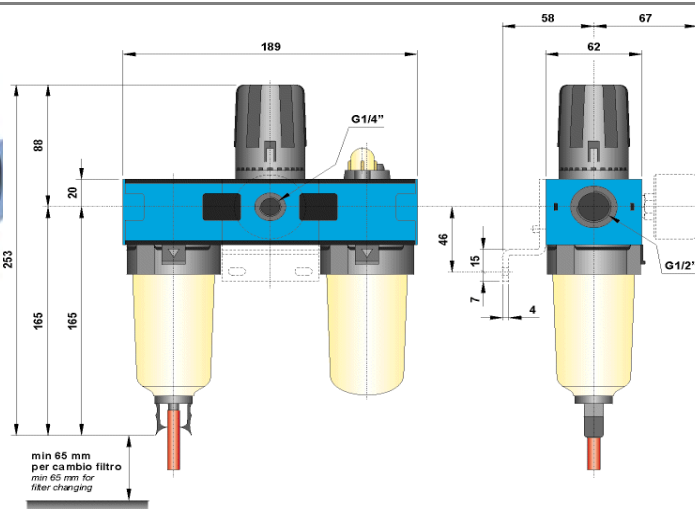
ENT.	P. ENT.	P. REG.	FILT.	CAUDAL	TEMP.	PESO	Código	Preço/un
3/8"	16 bar	0,5-8 bar	30µ	680l/m	50°	950g	04109006030	s/cons.

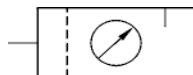
Roscas são BSP. Cotas em mm.



ENT.	P. ENT.	P. REG.	FILT.	CAUDAL	TEMP.	PESO	Código	Preço/un
1/2"	16 bar	0,5-8 bar	30µ	1900l/m	50°	1850g	04109008030	s/cons.

Roscas são BSP. Cotas em mm.



FRL - Filtro+Regulador+Lubrificador

ENT.	P. ENT.	P. REG.	FILT.	CAUDAL	TEMP.	PESO	Código	Preço/un
1"	17,5 bar	0,5-12 bar	30μ	12600NI/m	50°	3300g	04109016030	s/cons.

Roscas são BSP. Cotas em mm.



ATENÇÃO: O suporte e o manómetro não estão incluídos no fornecimento

NOTAS

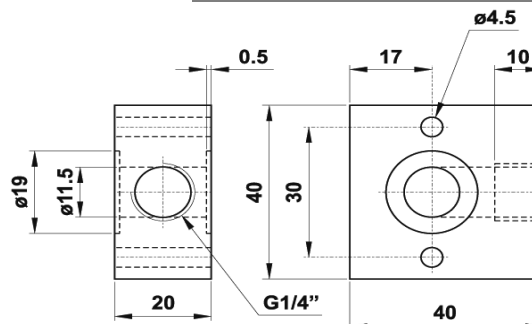
PAI - Derivação Intermédia



Todas as derivações são fornecidas com o respectivo kit de montagem

ENT.	PESO	Código	Preço/un
1/4"	95g	04110004000	s/cons.
Roscas são BSP. Cotas em mm.			

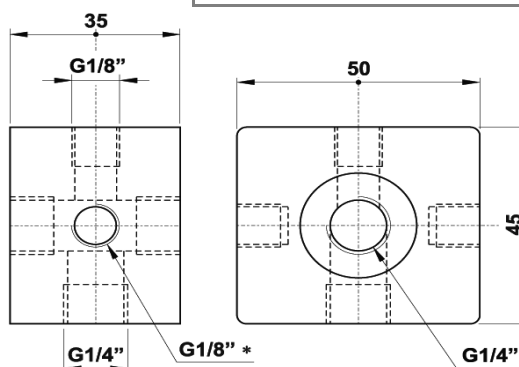
Roscas são BSP. Cotas em mm.



ENT.	PESO	Código	Preço/un
3/8"	230g	04110006000	s/cons.

Roscas são BSP. Cotas em mm.

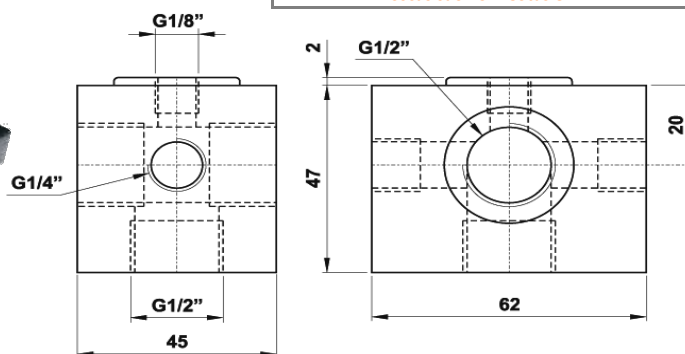
Roscas são BSP. Cotas em mm.



ENT.	PESO	Código	Preço/un
1/2"	418g	04110008000	s/cons.

Roscas são BSP. Cotas em mm.

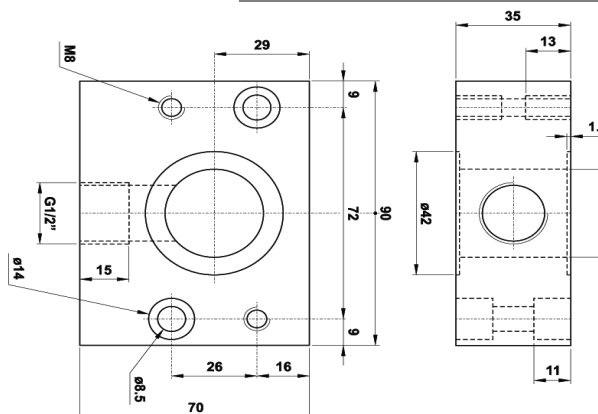
Roscas são BSP. Cotas em mm.



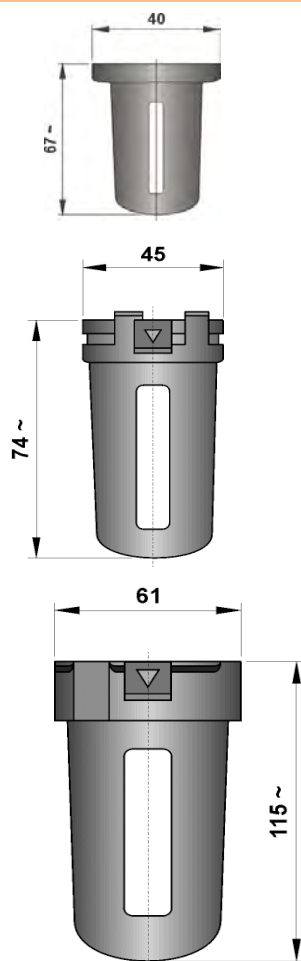
ENT.	PESO	Código	Preço/un
1"	g	04110016000	s/cons.

Roscas são BSP. Cotas em mm.

Roscas são BSP. Cotas em mm.



PR - Protecção de copo



ENT.	PESO	Código	Preço/un
1/4"	12g	04111004000	s/cons.

Roscas são BSP. Cotas em mm.

ENT.	PESO	Código	Preço/un
3/8"	67g	04111006000	s/cons.

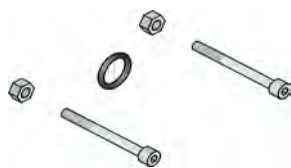
Roscas são BSP. Cotas em mm.

ENT.	PESO	Código	Preço/un
1/2"	181g	04111008000	s/cons.

Roscas são BSP. Cotas em mm.

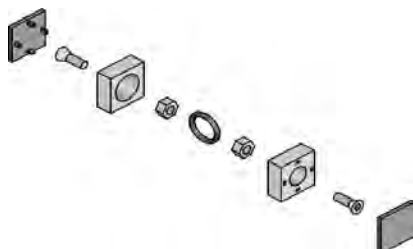
NOTAS

KIT de Montagem



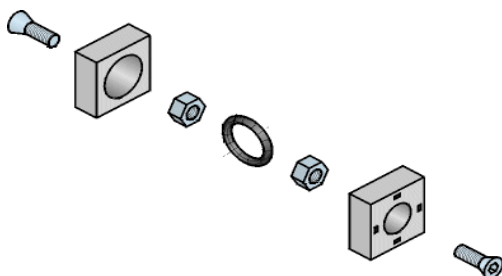
ENT.	PESO	Código	Preço/un
1/4"	12g	04112004000	s/cons.

Roscas são BSP. Cotas em mm.



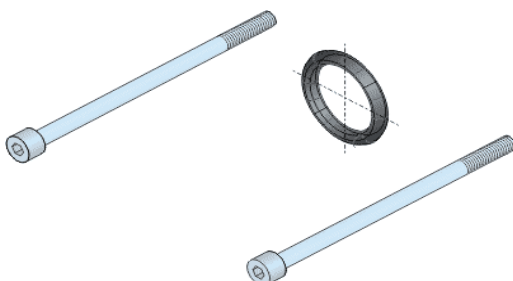
ENT.	PESO	Código	Preço/un
3/8"	20g	04112006000	s/cons.

Roscas são BSP. Cotas em mm.



ENT.	PESO	Código	Preço/un
1/2"	29g	04112008000	s/cons.

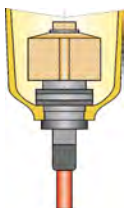
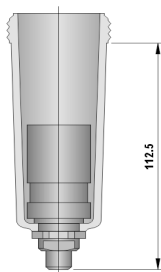
Roscas são BSP. Cotas em mm.



ENT.	PESO	Código	Preço/un
1"	52g	04112016000	s/cons.

Roscas são BSP. Cotas em mm.

AKS - Purga Automática



ENT.	PESO	Código	Preço/un
3/8"	80g	04113006000	s/cons.

Roscas são BSP. Cotas em mm.

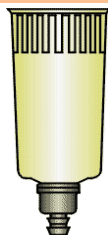
ENT.	PESO	Código	Preço/un
1/2"-1"	61g	04113008016	s/cons.

Roscas são BSP. Cotas em mm.

PEÇAS DE SUBSTITUIÇÃO



Copo de Filtro



ENT.	PESO	Código	Preço/un
1/4"	22g	04114160640	s/cons.
3/8"	34g	04114160660	s/cons.
1/2"	156g	04114160680	s/cons.

Roscas são BSP. Cotas em mm.

Copo de Lubrificador



ENT.	PESO	Código	Preço/un
1/4"	22g	04114160650	s/cons.
3/8"	30g	04114160670	s/cons.
1/2"	145g	04114160690	s/cons.

Roscas são BSP. Cotas em mm.

Membrana para Regulador de Pressão



ENT.	PESO	Código	Preço/un
3/8"-1/2"	9g	04114160980	s/cons.

Roscas são BSP. Cotas em mm.

Elemento Filtrante



ENT.	FILT.	PESO	Código	Preço/un
1/4"	25μ	1g	04114160610	s/cons.
1/4"	5μ	1g	04114160310	s/cons.
3/8"	30μ	2g	04114160620	s/cons.
3/8"	5μ	2g	04114160320	s/cons.
1/2"	30μ	4g	04114160630	s/cons.
1/2"	5μ	4g	04114160330	s/cons.

Roscas são BSP. Cotas em mm.

Visor para Lubrificador

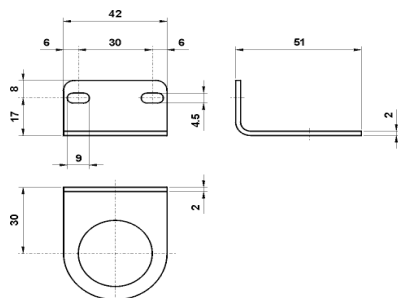


ENT.	PESO	Código	Preço/un
1/4"	g	04114161040	s/cons.
3/8"-1/2"	g	04114161050	s/cons.

Roscas são BSP. Cotas em mm.

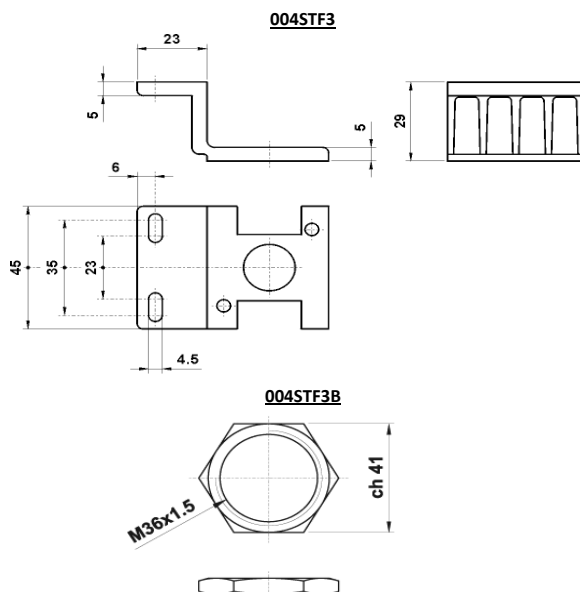
NOTAS

STF - Suportes de Fixação



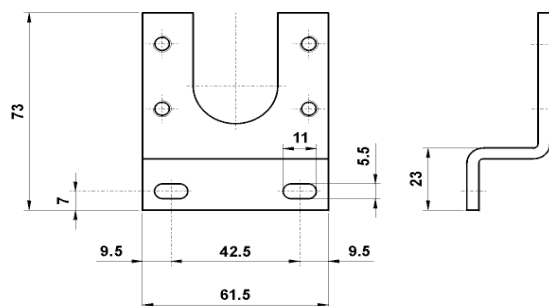
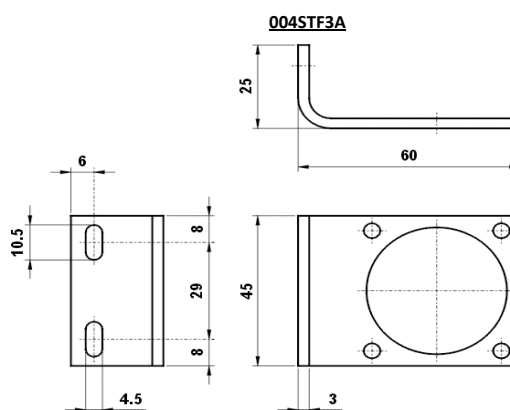
ENT.	PESO	Código	Preço/un
1/4"	21g	04115004200	€ 4,58

Roscas são BSP. Cotas em mm.



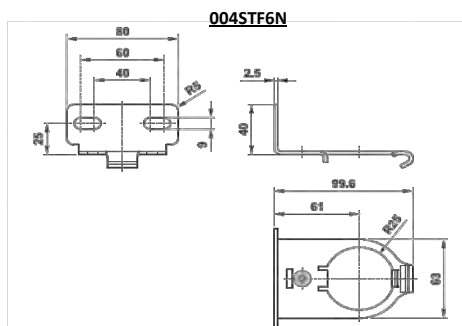
ENT.	PESO	Código	Preço/un
3/8"	70g	04115006300	€ 10,00
3/8"	55g	041150063A0	€ 5,65
3/8"	4g	041150063B0	€ 4,50

Roscas são BSP. Cotas em mm.



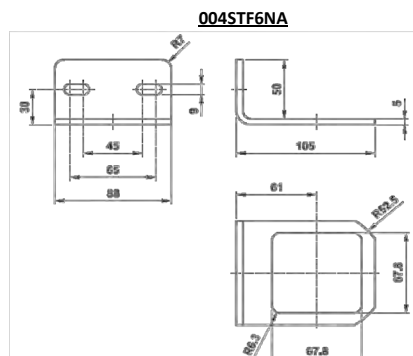
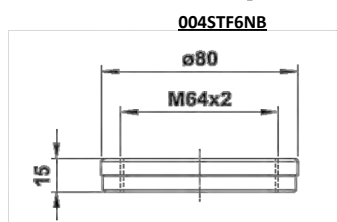
ENT.	PESO	Código	Preço/un
1/2"	154g	04115008400	€ 11,52

Roscas são BSP. Cotas em mm.



ENT.	PESO	Código	Preço/un
1"	280g	041150166N0	€ 65,09
1"	310g	041150166NA	€ 36,54
1"	75g	041150166NB	€ 24,20

Roscas são BSP. Cotas em mm.



Bloco de Fixação Mural para 1/4"

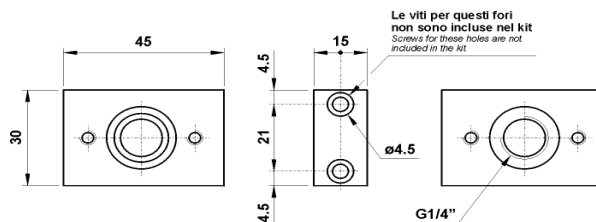


Todas as derivações são fornecidas com o respectivo kit de montagem

ENT.	PESO	Código	Preço/un
1/4"	59g	04116160042	€ 5,27
1/4"	59g	04116160052	€ 5,27
1/4"	59g	04116160062	€ 5,27

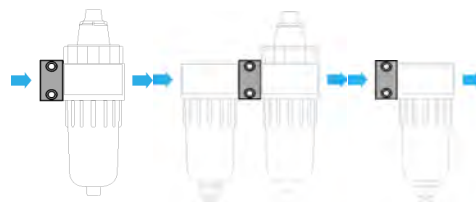
Roscas são BSP. Cotas em mm.

004160042

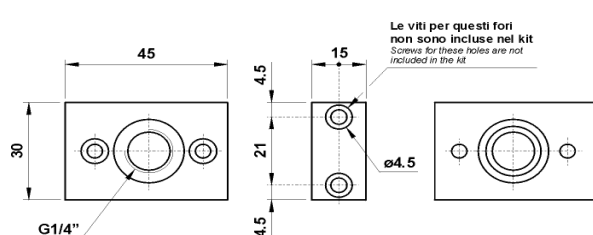


Exemplos de montagem

004160042

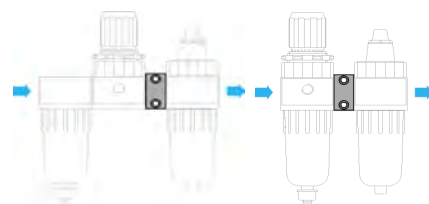


004160052 e 004160062



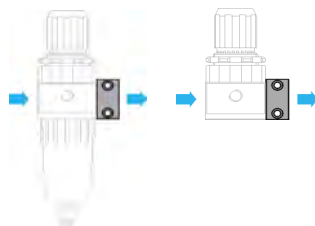
Exemplos de montagem

004160052



Exemplos de montagem

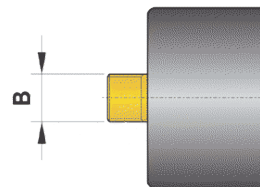
004160062



Manómetro 0 - 12 bar

A	B	Código	Preço/un
Ø40	1/8"	004M4000	€ 6,26
Ø50	1/8"	004M5000	€ 6,42
Ø63	1/4"	004M6300	€ 7,55

Roscas são BSP. Cotas em mm.



NOTAS

Tubo polietileno – Cor: neutro

Ø ext. X Ø int.	Pressão de trabalho (a 23º)	Raio de curvatura	Embalagem	Código	Preço/m
4 x 2	21 bar	19 mm	Rolo de 50 m	05101040020	s/cons.
5 x 3	17 bar	23 mm	Rolo de 50 m	05101050030	s/cons.
6 x 4	13 bar	32 mm	Rolo de 50 m	05101060040	s/cons.
8 x 5	16 bar	38 mm	Rolo de 50 m	05101080050	s/cons.
8 x 6	10 bar	43 mm	Rolo de 50 m	05101080060	s/cons.
10 x 7	11 bar	60 mm	Rolo de 50 m	05101100070	s/cons.
10 x 8	7 bar	76 mm	Rolo de 50 m	05101100080	s/cons.
12 x 8	13 bar	100 mm	Rolo de 50 m	05101120080	s/cons.
12 x 9	10 bar	100 mm	Rolo de 50 m	05101120090	s/cons.
12 x 10	7 bar	122 mm	Rolo de 50 m	05101120100	s/cons.
Cotas em mm					

Características Técnicas do Tubo

- Aplicações: Ar comprimido, produtos químicos não agressivos
- Temperatura: 0º a +40º
- Não resistente aos UV

Tubo poliamida PA-11/12 – Cor: neutro, azul, preto


Ø Ext. X Ø Int.	Pressão de trabalho (a 20º)	Raio de curvatura	Cor	Código	Preço/m
4 x 2,5	31 bar	20 mm	Neutro	05201040025	s/cons.
4 x 2,5	31 bar	20 mm	Azul	05202040025	s/cons.
6 x 4	27 bar	30 mm	Neutro	05201060040	s/cons.
6 x 4	27 bar	30 mm	Azul	05202060040	s/cons.
8 x 6	19 bar	40 mm	Neutro	05201080060	s/cons.
8 x 6	19 bar	40 mm	Azul	05202080060	s/cons.
10 x 8	15 bar	50 mm	Neutro	05201100080	s/cons.
10 x 8	15 bar	50 mm	Azul	05202100080	s/cons.
12 x 9	19 bar	60 mm	Preto	05203120090	s/cons.
12 x 10	12 bar	60 mm	Neutro	05201120100	s/cons.
12 x 10	12 bar	60 mm	Azul	05202120100	s/cons.
14 x 11	16 bar	82 mm	Neutro	05201140110	s/cons.
14 x 11	16 bar	82 mm	Azul	05202140110	s/cons.
Cotas em mm		Embalagem: rolos de 25/50/100 m; caixas de 25/50 m			

Características Técnicas do Tubo

- Temperatura de utilização: -40º C a +80º C
- Para fluidos de base aquosa a temperatura máxima de utilização é + 65º C

Tubo poliuretano – Cor: azul

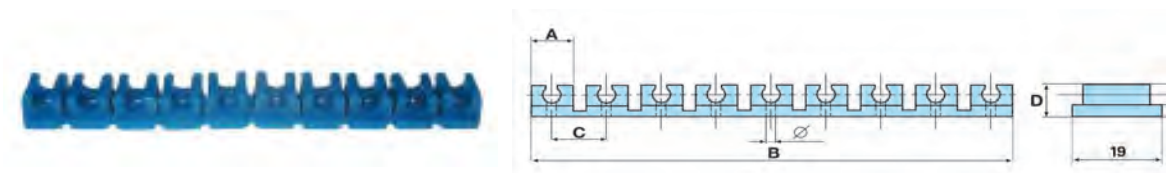
Ø ext. X Ø int.	Pressão de trabalho (a 20º)	Raio de curvatura	Cor	Código	Preço/m
4 x 2,5	25 bar	20 mm	Azul	05302004025	s/cons.
6 x 4	18 bar	30 mm	Azul	05302006040	s/cons.
8 x 5,5	10 bar	40 mm	Azul	05302008055	s/cons.
10 x 7	8 bar	50 mm	Azul	05302010070	s/cons.
12 x 8	9,5 bar	50 mm	Azul	05302012080	s/cons.
Cotas em mm		Embalagem: rolos de 100 m; caixas de 25 m			

Características Técnicas do Tubo

- Dureza: 98º shore
- Aplicações: Ar comprimido, lubrificantes, combustíveis, produtos químicos não agressivos, etc.
- Temperatura: -20º a +75º

Propriedades mecânicas e físicas:

- Bom comportamento ao esmagamento
- Resistente à humidade
- Boa flexibilidade
- Boa resistência ao envelhecimento
- Resistente à luz
- Resistente à abrasão
- Atrito mínimo com qualquer fluido
- Bom raio de curvatura

Barras de suporte para tubos

Ø ext. tubo	A x Pos.	B x D	C x Ø	Código	Preço/un
4	9 x 10	114 x 8	11,7 x 2,8	05002040010	s/cons.
6	9 x 10	114 x 10	11,7 x 2,8	05002060010	s/cons.
8	12 x 10	143 x 12	14,6 x 3,8	05002080010	s/cons.
10	15 x 10	172 x 13,8	17,4 x 5,3	05002100010	s/cons.
12	19 x 4	78 x 16,8	20,5 x 5,3	05002120004	s/cons.
Cotas em mm					

NOTAS

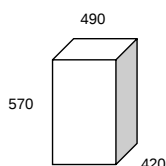
Espiras Poliuretano

Ø tubo	Ø ext. esp.	Comp máx.	Comp. util.	Esp. fechada	Comp. pontas	Rosca giratória	Código	Preço/un
5x8	41	4000	2900	280	120/500	1/4	05832050004	s/cons.
5x8	41	6000	4000	420	120/500	1/4	05832050006	s/cons.
6,5x10	55	4000	2900	255	120/500	1/4	05832065004	s/cons.
6,5x10	55	6000	4600	385	120/500	1/4	05832065006	s/cons.
6,5x10	55	8000	5800	540	120/500	1/4	05832065008	s/cons.
6,5x10	55	9000	5800	600	120/500	1/4	05832065009	s/cons.
8x12	69	6000	4000	360	120/500	3/8	05832080006	s/cons.
8x12	69	8000	5800	495	120/500	3/8	05832080008	s/cons.
8x12	69	12000	8700	605	120/500	3/8	05832080012	s/cons.
11x16	90	12000	8000			3/8 F	05832110012	s/cons.
11x16	90	15000	10000			3/8 F	05832110015	s/cons.
Roscas são BSP. Cotas em mm. F - rosca fixa.								

NOTAS

Compressor modelo C330/03

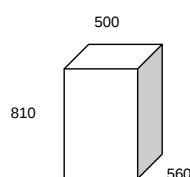
									
liters	kW	n	rpm	Volt/Hz	bar	l/min.	l/min.	dB	kg
3	1,7	2	1400	230/50	10	330	200	80	32



Código	Preço/un
07102017003	s/cons.

Compressor modelo C330/24

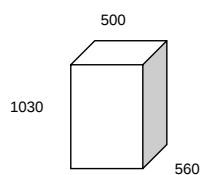
									
liters	kW	n	rpm	Volt/Hz	bar	l/min.	l/min.	dB	kg
24	1,7	2	1400	230/50	10	330	200	80	36



Código	Preço/un
07102017024	s/cons.

Compressor modelo C330/50

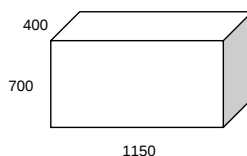
									
liters	kW	n	rpm	Volt/Hz	bar	l/min.	l/min.	dB	kg
50	1,7	2	1400	230/50	10	330	200	80	44



Código	Preço/un
07102017050	s/cons.

Compressor modelo C330/100

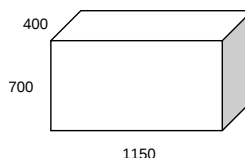
									
liters	kW	n	rpm	Volt/Hz	bar	l/min.	l/min.	dB	kg
100	1,7	2	1400	230/50	10	330	200	80	64



Código	Preço/un
07102017100	s/cons.

Compressor modelo C660/100

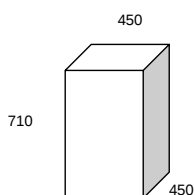
									
liters	kW	n	rpm	Volt/Hz	bar	l/min.	l/min.	dB	kg
100	1,7X2	2+2	1400	230/50	10	660	400	85	88



Código	Preço/un
07102034100	s/cons.

Compressor modelo C240/24 silencioso

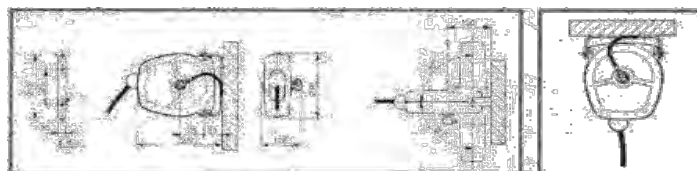
									
liters	kW	n	rpm	Volt/Hz	bar	l/min.	l/min.	dB	kg
24	1,5	2	1400	230/50	8	240	145	69	31



Código	Preço/un
07102015024	s/cons.

Enroladores série MP

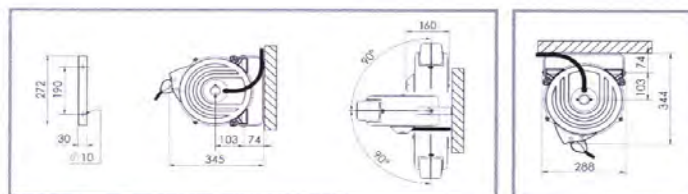
Fluido	P. max.	Entrada	Saída BSP	Diam. Mang.	Comp. Mang.	Peso	Refª.	Preço/un
Ar	20 bar	Ø 8	1/4" M	TPU 8X11	5 m	3 kg	33121080050	s/cons.
		Ø 10	3/8" M	TPU 10X14	3 m	3 kg	33121100030	s/cons.

**Enroladores séries MNP e MGP**

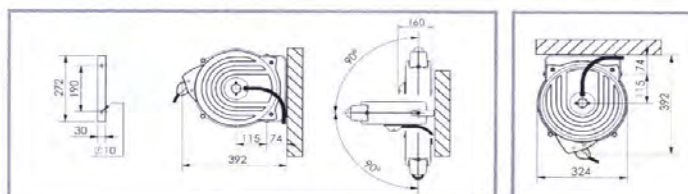
Fluido	P. max.	Entrada	Saída BSP	Diam. Mang.	Comp. Mang.	Peso	Refª.	Preço/un
Ar	20 bar	Ø 8	1/4" M	TPU 8X12	12 m	5 kg	33121080120	s/cons.
		Ø 10	3/8" M	TPU 10X14	10 m	5 kg	33121100100	s/cons.
		Ø 8	1/4" M	TPU 8X12	15 m	6 kg	33121080150	s/cons.
		Ø 10	3/8" M	TPU 10X14	12 m	6 kg	33121100120	s/cons.



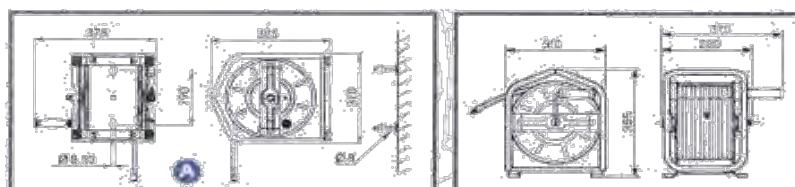
MNP



MGP

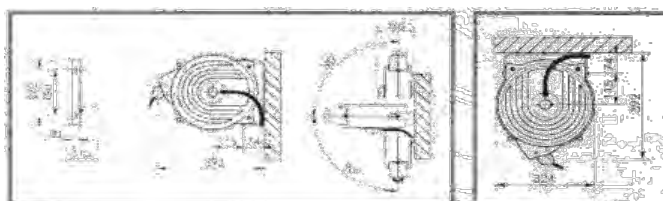
**Enroladores série AM (Manual)**

Fluido	P. max.	Entrada	Saída BSP	Diam. Mang.	Comp. Mang.	Peso	Refª.	Preço/un
Ar	20 bar	1/4" M	1/4" M	TPU 8X12	30 m	8,4 kg	33131080300	s/cons.
		1/4" M	1/4" M	TPU 8X12	40 m	9 kg	33131080400	s/cons.
		3/8" M	3/8" M	TPU 10X14	25 m	8,4 kg	33131100250	s/cons.



Enroladores série MGPX (Inox)

Fluido	P. max.	Entrada	Saída BSP	Diam. Mang.	Comp. Mang.	Peso	Refª.	Preço/un
Ar/Água/ Detrgente	20 bar	Ø 8	1/4" M	TPU 8X12	5 m	3 kg	33122080050	s/cons.
		Ø 8	1/4" M	TPU 8X12	15 m	6 kg	33122080150	s/cons.
		Ø 10	3/8" M	TPU 10X14	12 m	6 kg	33122100120	s/cons.

**Enroladores série ROLL (Eléctricos)**

Tensão	Amp.	Cabo	Comp. Cabo	Peso	Refª.	Preço/un
230 V	10 A	3x1,5 mm ²	10 m	4,5 kg	33533230100	s/cons.
230 V	10 A	3x1,5 mm ²	15 m	5,1 kg	33533230150	s/cons.



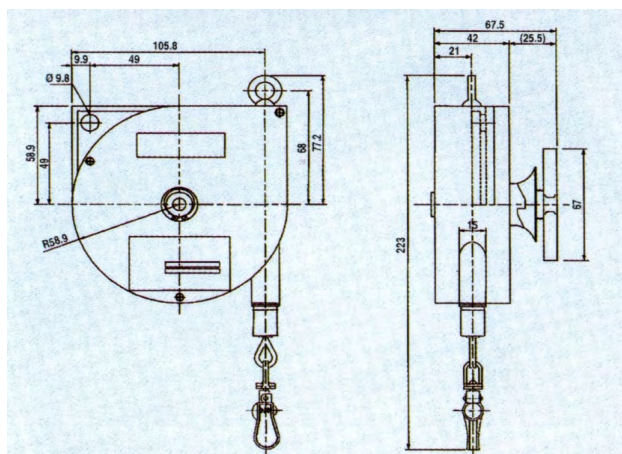
Tensão	Luz	Cabo	Comp. Cabo	Peso	Refª.	Preço/un
230/24 V	E27-60 W	2x1 mm ²	15 m	6,2 kg	33533024150	s/cons.
230 V	E27-60 W	2x1 mm ²	15 m	4,5 kg	3353323015G	s/cons.



Tensão	Amp.	Cabo	Comp. Cabo	Peso	Refª.	Preço/un
230 V	10 A	3x1,5 mm ²	25 m	7,5 kg	33533230250	s/cons.
380 V	16 A	5x1,5 mm ²	20 m	7,5 kg	33533380200	s/cons.

NOTAS

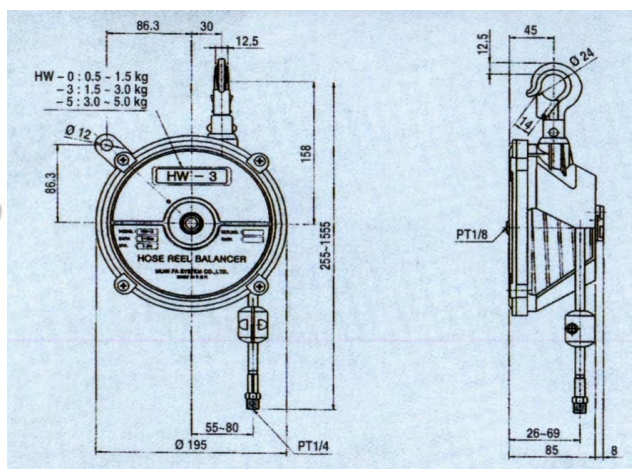
Equilibrador com cabo- série RW



Código	Preço/un
59201050015	s/cons.
59201010030	s/cons.
59201025050	s/cons.

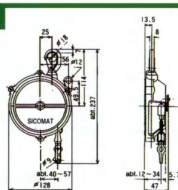
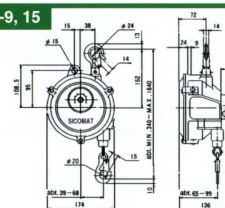
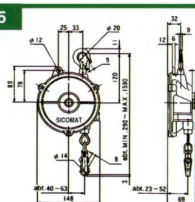
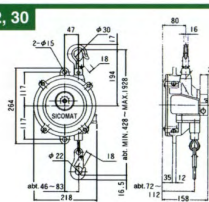
MODELO	CAP. KG	COMP. M	PESO KG	Ø CABO
RW-0	0,5-1,5	2	0,5	1,8 mm
RW-3	1,0-3,0	2	0,7	1,8 mm
RW-5	2,5-5,0	2	0,9	1,8 mm

Equilibrador com alimentação directa- série HW

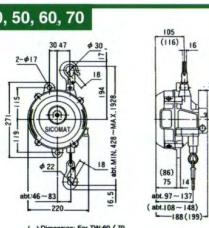


Código	Preço/un
59101050015	s/cons.
59101010030	s/cons.
59101025050	s/cons.

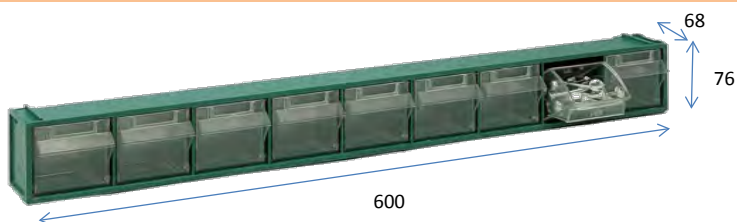
MODELO	CAP. KG	COMP. M	PESO KG	Ø T. mm
HW-0	0,5-1,5	1,3	1,6	6,5X10
HW-3	1,0-3,0	1,3	1,7	6,5X10
HW-5	2,5-5,0	1,3	1,8	6,5X10

Equilibradores disponíveis sob consulta
**TW-0****TW-0****TW-9, 15****TW-9****TW-3, 5****TW-3****TW-22, 30****TW-22****Specifiche**

Modello	Capacità (Kg)	Lunghezza (m)	Peso (Kg)
TW-00	0.5-1.5	0.5	0.2
TW-0	0.5-1.5	1.0	0.5
TW-3	1.0-3.0	1.3	1.4
TW-5	2.5-5.0	1.3	1.5
TW-9	4.5-9.0	1.3	3.4
TW-15	9.0-15.0	1.3	3.8
TW-22	15.0-22.0	1.5	7.2
TW-30	22.0-30.0	1.5	7.6
TW-40	30.0-40.0	1.5	9.8
TW-50	40.0-50.0	1.5	10.4
TW-60	50.0-60.0	1.5	11.6
TW-70	60.0-70.0	1.5	11.8

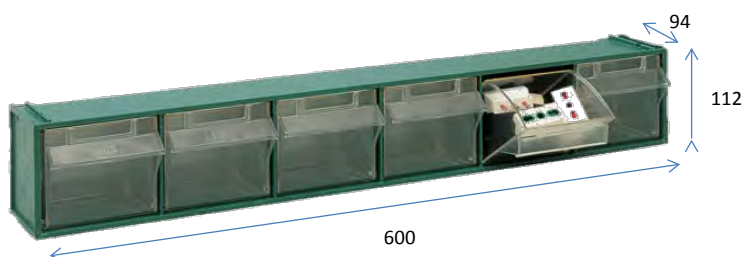
TW-40, 50, 60, 70**TW-40**

Código	Preço/un
59301005015	s/cons.
59301005016	s/cons.
59301010030	s/cons.
59301025050	s/cons.
59301045090	s/cons.
59301090150	s/cons.
59301150220	s/cons.
59301220300	s/cons.
59301300400	s/cons.
59301400500	s/cons.
59301500600	s/cons.
59301600700	s/cons.
59301700900	s/cons.

Módulo FOX 101 - 9 gavetas*

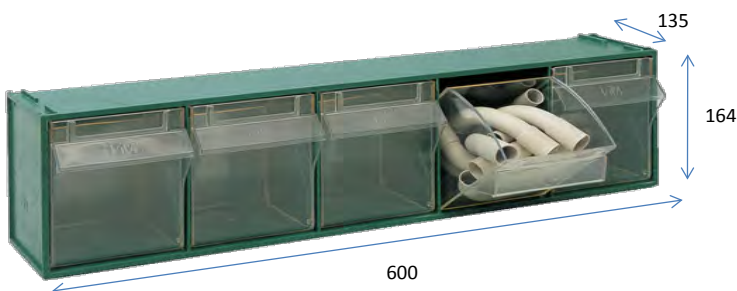
Código	Preço/un
27100101009	s/cons.

Cores possíveis
Cor disponível - cinzento

**Módulo FOX 102 - 6 gavetas***

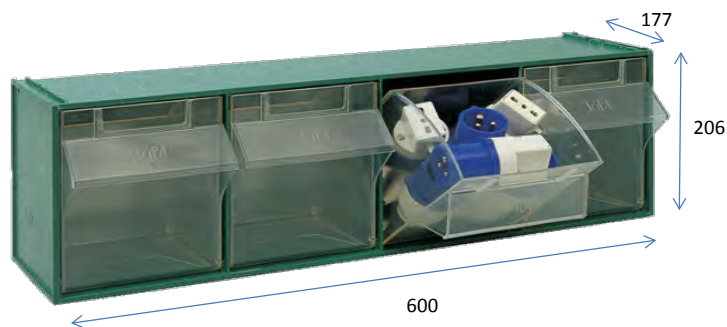
Código	Preço/un
27100102006	s/cons.

Cores possíveis
Cor disponível - cinzento

**Módulo FOX 103 - 5 gavetas***

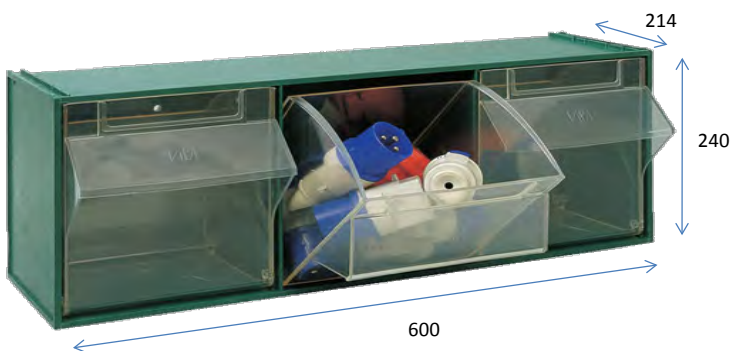
Código	Preço/un
27100103005	s/cons.

Cores possíveis
Cor disponível - cinzento

**Módulo FOX 104 - 4 gavetas***

Código	Preço/un
27100104004	s/cons.

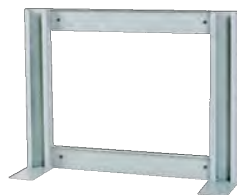
Cores possíveis
Cor disponível - cinzento

**Módulo FOX 105 - 3 gavetas***

Código	Preço/un
27100105003	s/cons.

Cores possíveis
Cor disponível - cinzento



Estante V/401*ESTANTE DE BANCADA

A-500 mm
L-610 mm
F-150 mm

Código	Preço/un
27101401000	s/cons.

CONJUNTO BASE:

1-080FOX101
1-080FOX102
1-080FOX103
1-080FOX104
1-080V401

Código	Preço/un
27102401005	s/cons.

Estante V/402*ESTANTE DE PAREDE

A-1000 mm
L-610 mm
F-40 mm

Código	Preço/un
27101402000	s/cons.

CONJUNTO BASE:

2-080FOX101
1-080FOX102
2-080FOX103
1-080FOX104
1-080FOX105
1-080V402

Código	Preço/un
27102402005	s/cons.

Estante V/403*ESTANTE COM BASE

A-1400 mm
L-610 mm
F-325mm

Código	Preço/un
27101403000	s/cons.

CONJUNTO BASE:

1-080FOX101
3-080FOX102
2-080FOX103
2-080FOX104
1-080FOX105
1-080V403

Código	Preço/un
27102403005	s/cons.

Estante V/404*ESTANTE COM BASE

A-1650 mm

L-610 mm

F-325mm

Código	Preço/un
27101404000	s/cons.

CONJUNTO BASE:

2-080FOX101

3-080FOX102

3-080FOX103

2-080FOX104

1-080FOX105

1-080V404

Código	Preço/un
27102404005	s/cons.

Estante V/405*ESTANTE COM BASE

A-1850 mm

L-610 mm

F-325mm

Código	Preço/un
27101405000	s/cons.

CONJUNTO BASE:

2-080FOX101

3-080FOX102

3-080FOX103

2-080FOX104

2-080FOX105

1-080V405

Código	Preço/un
27102405005	s/cons.

Estante dupla V/406*

ESTANTE DUPLA COM BASE

A-1650 mm
L-610 mm
F-380mm

Código	Preço/un
27101406000	s/cons.

CONJUNTO BASE:

2-080FOX101
8-080FOX102
6-080FOX103
4-080FOX104
2-080FOX105
1-080V406

Código	Preço/un
27102406005	s/cons.

Carro estante com prateleiras V/470

CARRO COM TRÊS PRATELEIRAS

A-805 mm
L-500 mm
C-933mm

Código	Preço/un
27101470000	s/cons.

CONJUNTO BASE:

2-080FOX101
4-080FOX102
2-080FOX103
2-080FOX104
1-080V470

Código	Preço/un
27102470005	s/cons.

Carro estante com prateleira V/475

CARRO COM 1 PRATELEIRA

A-1350 mm
L-663 mm
C-680mm

Código	Preço/un
27101475000	s/cons.

CONJUNTO BASE:

4-080FOX101
4-080FOX102
2-080FOX103
2-080FOX104
2-080FOX105
1-080V475

Código	Preço/un
27102475005	s/cons.

Carro estante com prateleira V/480CARRO COM 1 PRATELEIRA

A-1650 mm
L-663 mm
C-680mm

Código	Preço/un
27101480000	s/cons.

CONJUNTO BASE:

4-080FOX101
6-080FOX102
4-080FOX103
2-080FOX104
2-080FOX105
1-080V480

Código	Preço/un
27101480005	s/cons.

Armário V/419ARMÁRIO SIMPLES

A-1030 mm
L-665 mm
F-250mm

Código	Preço/un
27101419000	s/cons.

CONJUNTO BASE:

2-080FOX102
2-080FOX103
2-080FOX104
1-080V419

Código	Preço/un
27102419005	s/cons.

Armário V/420ARMÁRIO SIMPLES

A-2000 mm
L-665 mm
F-250mm

Código	Preço/un
27101420000	s/cons.

CONJUNTO BASE:

4-080FOX102
5-080FOX103
3-080FOX104
1-080V420

Código	Preço/un
27102420005	s/cons.

Armário com 2 painéis, 1 móvel, V/449

ARMÁRIO C/2 PAINÉIS

A-2125 mm
L-1280 mm
F-420 mm

Código	Preço/un
27102449000	s/cons.

VERSÕES PRÉ-DEFINIDASV/449-S

Fundo:
24-080FOX103
Painel:
1-080FOX101
17-080FOX102

Código	Preço/un
27102449005	s/cons.

V/449-1V

Fundo:
2-080FOX102
18-080FOX104
Painel:
12-080FOX103

Código	Preço/un
2710244901V	s/cons.

Código	Preço/un
2710244902V	s/cons.

V/449-2V

Fundo:
16-080FOX105
Painel:
12-080FOX103

Armário com 3 painéis, 2 móveis, V/450

ARMÁRIO C/3 PAINÉIS

A-2125 mm
L-1280 mm
F-420 mm

Código	Preço/un
27102450000	s/cons.

VERSÕES PRÉ-DEFINIDASV/450-S

Fundo:
2-080FOX102
18-080FOX104
1º Painel:
12-080FOX103
2º Painel:
1-080FOX101
17-080FOX102

Código	Preço/un
27102450005	s/cons.

Código	Preço/un
2710245001V	s/cons.

V/450-1'

Fundo:
24-080FOX103
1º Painel:
1-080FOX101
17-080FOX102
2º Painel:
1-080FOX101
17-080FOX102

Código	Preço/un
2710245002V	s/cons.

Código	Preço/un
2710245003V	s/cons.

Código	Preço/un
2710245004V	s/cons.

Código	Preço/un
2710245005V	s/cons.

V/450-2V

Fundo:
2-080FOX101
34-080FOX102
1º Painel:
1-080FOX101
17-080FOX102
2º Painel:
1-080FOX101
17-080FOX102

V/450-3V

Fundo:
2-080FOX102
18-080FOX104
1º Painel:
1-080FOX101
17-080FOX102
2º Painel:
1-080FOX101
17-080FOX102

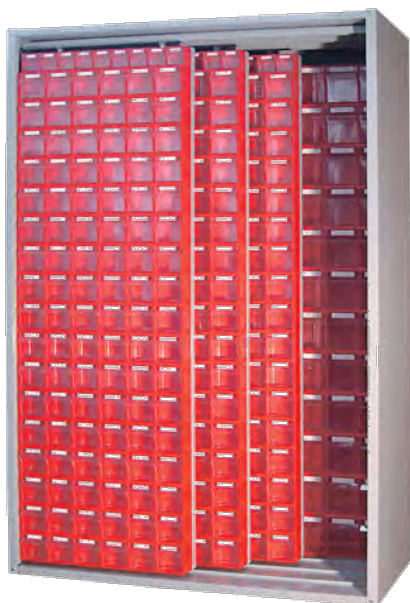
V/4501V

Fundo:
2-080FOX102
18-080FOX104
1º Painel:
1-080FOX102
9-080FOX104
2º Painel:
1-080FOX101
17-080FOX102

V/450-5V

Fundo:
16-080FOX105
1º Painel:
1-080FOX102
9-080FOX104
2º Painel:
1-080FOX101
17-080FOX102

Armário com 4 painéis, 3 móveis, V/451

ARMÁRIO C/4 PAINÉIS

A-2125 mm
L-1280 mm
F-605 mm

Código	Preço/un
27101451000	s/cons.

VERSÕES PRÉ-DEFINIDASV/451 Fundo:

24-080FOX103

1º Pannel:

1-080FOX101

17-080FOX102

2º Pannel:

1-080FOX101

17-080FOX102

3º Pannel:

1-080FOX101

17-080FOX102

Código	Preço/un
2710245100S	s/cons.

Código	Preço/un
2710245101V	s/cons.

Código	Preço/un
2710245102V	s/cons.

V/451-1VFundo:

2-080FOX101

34-080FOX102

1º Pannel:

1-080FOX101

17-080FOX102

2º Pannel:

1-080FOX101

17-080FOX102

3º Pannel:

1-080FOX101

17-080FOX102

V/451-2VFundo:

2-080FOX102

18-080FOX104

1º Pannel:

1-080FOX101

17-080FOX102

2º Pannel:

1-080FOX101

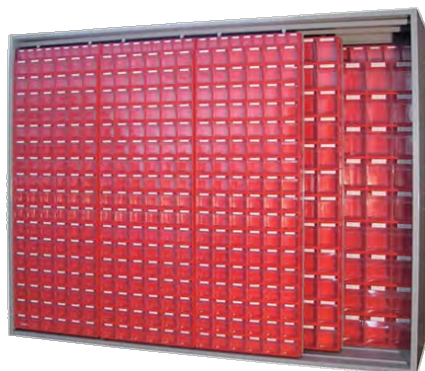
17-080FOX102

3º Pannel:

1-080FOX101

17-080FOX102

Armário com 3 painéis, 6 estantes móveis, V/455

ARMÁRIO C/3 PAINÉIS

A-2125 mm
L-2490 mm
F-605 mm

Código	Preço/un
27101455000	s/cons.

VERSÕES PRÉ-DEFINIDASV/455-S

4-080FOX102

36-080FOX104

1º Pannel:

36-080FOX103

2º Pannel:

3-080FOX101

51-080FOX102

Código	Preço/un
2710245500S	s/cons.

Código	Preço/un
2710245501V	s/cons.

Código	Preço/un
2710245502V	s/cons.

V/455-1VFundo:

48-080FOX103

1º Pannel:

3-080FOX101

51-080FOX102

2º Pannel:

3-080FOX101

51-080FOX102

V/455-2VFundo:

32-080FOX105

1º Pannel:

3-080FOX102

27-080FOX104

2º Pannel:

3-080FOX101

51-080FOX102

Armário com 3 estantes extraíveis V/460ARMÁRIO C/3 ESTANTES EXTRAÍVEIS

A-2125 mm

L-1100 mm

F-745 mm

Código	Preço/un
27101460000	s/cons.

VERSÕES PRÉ-DEFINIDASV/460-S 1ª Estante

2-080FOX101

34-080FOX102

2ª Estante

24-080FOX103

3ª Estante

2-080FOX102

18-080FOX104

Código	Preço/un
2710246000S	s/cons.

Código	Preço/un
2710246001V	s/cons.

Código	Preço/un
2710246002V	s/cons.

V/460-1V 1ª Estante
 2-080FOX101
 34-080FOX102
2ª Estante
 2-080FOX101
 34-080FOX102
3ª Estante
 24-080FOX103

V/460-2V 1ª Estante
 2-080FOX101
 34-080FOX102
2ª Estante
 24-080FOX103
3ª Estante
 24-080FOX103

NOTAS

Lubrificadora manual p/cartuchos de 400 gr


Código	Preço/un
30185004001	s/cons.

Lubrificadora pneumática com carro p/balde de 20 litros


Código	Preço/un
30252200300	s/cons.
Regulador não incluído	

Outros equipamentos


NOTAS



Bomba Eléctrica 12/24/220 V p/Líquidos

V	L/m	Código	Preço/un
12	35	37101012035	s/cons.
24	35	37101024035	s/cons.
220	40	37101220040	s/cons.

Bombas Manuais p/Fluidos

008APM1000



008APM2000



008APL15L

L/m	Código	Preço/un
25	37201010025	s/cons.
25	37202010025	s/cons.
15	37201011015	s/cons.

Bomba Manual p/Fluidos Alimentares

008APF1000



008APF3000

L/m	Código	Preço/un
25	37211012025	s/cons.
25	37212012025	s/cons.

Medidas p/Fluidos

Cap.	Código	Preço/un
1 L	37301000001	s/cons.
2 L	37301000002	s/cons.
3 L	37301000003	s/cons.
5 L	37301000005	s/cons.
T.F.250	373010TF250	s/cons.

Funis p/Fluidos

37350001001



37350002001

37350003001

Código	Preço/un
37350002001	s/cons.
37350001001	s/cons.
37350003001	s/cons.

Enchedor de vasos de baterias

Código	Preço/un
37302200001	s/cons.

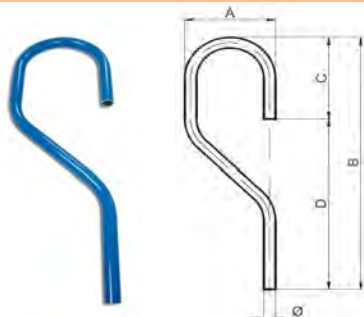
NOTAS



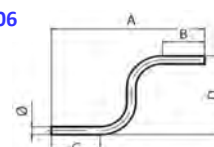
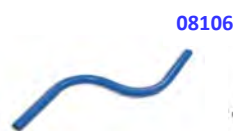
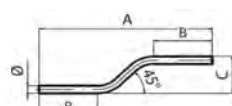
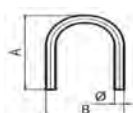
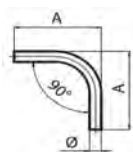
Tubo em Alumínio

ØA	B	L	Código	Preço/m
20	1,5	6000	08101020017	s/cons.
25	1,5	6000	08101025022	s/cons.
32	1,5	6000	08101032029	s/cons.
40	1,5	6000	08101040037	s/cons.
50	2	6000	08101050046	s/cons.
63	2	6000	08101063059	s/cons.

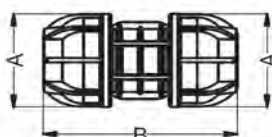
Cotas em mm.

Pescoço de Cavalo para Picagem

Ø	A	B	C	D	Código	Preço/un
20	160	500	160	340	08102020017	s/cons.
25	195	600	195	405	08102025022	s/cons.

Curvas para Montagem

Ø	A	B	C	D	Código	Preço/un
20	150				08103020017	s/cons.
25	160				08103025022	s/cons.
20	195	165			08104020017	s/cons.
25	215	200			08104025022	s/cons.
20	425	143,5	100		08105020017	s/cons.
25	470	150	125		08105025022	s/cons.
20	345	95	110	195	08106020017	s/cons.
25	460	150	150	240	08106025022	s/cons.

União Tubo-Tubo

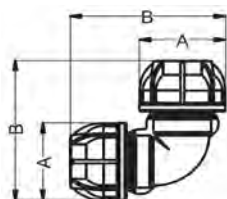
Ø	A	B	Código	Preço/un
20	44	85	08107020020	s/cons.
25	52	97	08107025025	s/cons.
32	62	113	08107032032	s/cons.
40	72	129	08107040040	s/cons.
50	86	157	08107050050	s/cons.
63	105	182	08107063063	s/cons.

Cotas em mm.

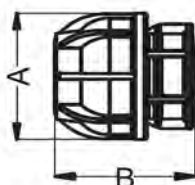
União Tubo-Tubo de Redução

Ø	Ø1	A	B	C	Código	Preço/un
25	20	52	91	44	08108025020	s/cons.
32	25	62	103	52	08108032025	s/cons.
40	32	72	121	62	08108040032	s/cons.
50	40	86	145	72	08108050040	s/cons.
63	50	105	167	86	08108063050	s/cons.

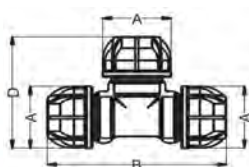
Cotas em mm.

Joelho União Tubo-Tubo a 90°

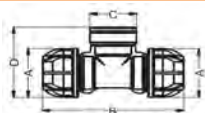
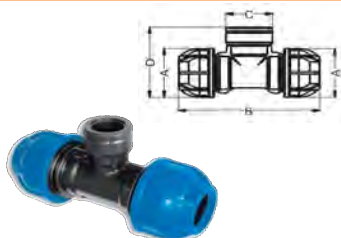
Ø	A	B	Código	Preço/un
20	44	76	08109020020	s/cons.
25	52	92	08109025025	s/cons.
32	62	109	08109032032	s/cons.
40	72	127	08109040040	s/cons.
50	86	157	08109050050	s/cons.
63	105	184	08109063063	s/cons.
Cotas em mm.				

Tampão

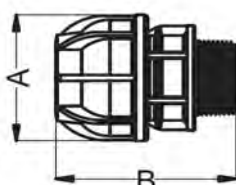
Ø	A	B	Código	Preço/un
20	44	44	08110020000	s/cons.
25	52	53	08110025000	s/cons.
32	62	63	08110032000	s/cons.
40	72	68	08110040000	s/cons.
50	86	82	08110050000	s/cons.
63	105	94	08110063000	s/cons.
Cotas em mm.				

Tê Tubo-Tubo

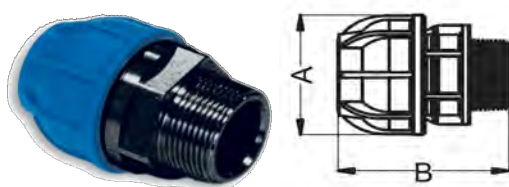
Ø	A	B	C	Código	Preço/un
20	44	109	76	08111020000	s/cons.
25	52	132	93	08111025000	s/cons.
32	62	159	111	08111032000	s/cons.
40	72	182	127	08111040000	s/cons.
50	86	225	154	08111050000	s/cons.
63	105	262	182	08111063000	s/cons.
Cotas em mm.					

Tê Tubo-Tubo Fêmea Central

Ø	R	A	B	C	D	Código	Preço/un
25	1/2"	52	132	30	75	08112025008	s/cons.
32	3/4"	62	159	37	85	08112032012	s/cons.
40	1"	72	182	43	103	08112040016	s/cons.
50	1 1/2"	86	225	62	121	08112050024	s/cons.
63	2"	105	262	77	148	08112063032	s/cons.
Cotas em mm. Roscas BSP.							

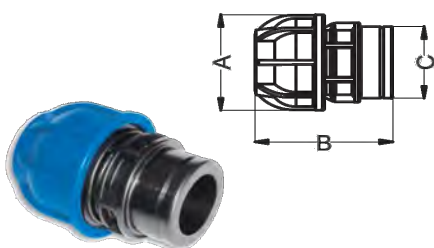
Acessório Direito Macho

Ø	R	A	B	Código	Preço/un
20	1/2"	44	60	08113020008	s/cons.
25	1/2"	52	66	08113025008	s/cons.
25	3/4"	52	68	08113025012	s/cons.
32	1"	62	78	08113032016	s/cons.
40	1"	72	88	08113040016	s/cons.
40	1 1/4"	72	90	08113040020	s/cons.
50	1 1/2"	86	104	08113050024	s/cons.
63	2"	105	119	08113063032	s/cons.
Cotas em mm. Roscas BSP.					

Acessório Direito Macho Alumínio

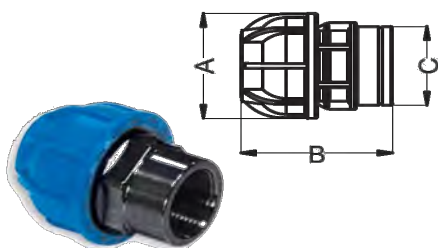
Ø	R	A	B	Código	Preço/un
20	1/2"	44	60	08114020008	s/cons.
25	1/2"	52	66	08114025008	s/cons.
25	3/4"	52	68	08114025012	s/cons.
32	1"	62	78	08114032016	s/cons.
40	1"	72	88	08114040016	s/cons.
40	1 1/4"	72	90	08114040020	s/cons.
50	1 1/2"	86	104	08114050024	s/cons.
63	2"	105	119	08114063032	s/cons.

Cotas em mm. Roscas BSP.

Acessório Direito Fêmea

Ø	R	A	B	C	Código	Preço/un
20	1/2"	44	60	30	08115020008	s/cons.
25	3/4"	52	69	37	08115025012	s/cons.
32	1"	62	81	43	08115032016	s/cons.
40	1 1/4"	72	92	54	08115040020	s/cons.
50	1 1/2"	86	105	62	08115050024	s/cons.
63	2"	105	122	77	08115063032	s/cons.

Cotas em mm. Roscas BSP.

Acessório Direito Fêmea Alumínio

Ø	R	A	B	C	Código	Preço/un
20	1/2"	44	60	30	08116020008	s/cons.
25	3/4"	52	69	37	08116025012	s/cons.
32	1"	62	81	43	08116032016	s/cons.
40	1 1/4"	72	92	54	08116040020	s/cons.
50	1 1/2"	86	105	62	08116050024	s/cons.
63	2"	105	122	77	08116063032	s/cons.

Cotas em mm. Roscas BSP.

União Tubo-Tubo 3 Peças

Ø	R	A	Código	Preço/un
20	1/2"	44	08117020020	s/cons.
25	3/4"	52	08117025025	s/cons.
32	1"	62	08117032032	s/cons.
40	1 1/4"	72	08117040040	s/cons.
50	1 1/2"	86	08117050050	s/cons.
63	2"	105	08117063063	s/cons.

Cotas em mm. Roscas BSP.

Válvula Macho Esférico

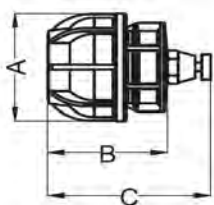
Ø	R	A	Código	Preço/un
20	1/2"	44	08118020020	s/cons.
25	3/4"	52	08118025025	s/cons.
32	1"	62	08118032032	s/cons.
40	1 1/4"	72	08118040040	s/cons.
50	1 1/2"	86	08118050050	s/cons.
63	2"	105	08118063063	s/cons.

Cotas em mm. Roscas BSP.

Tê Tubo-Tubo de Redução Central

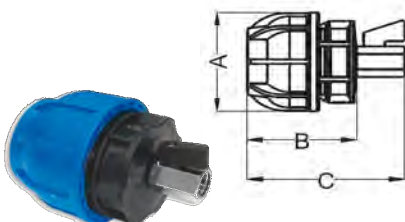
Ø	ØR	A	B	C	D	Código	Preço/un
25	20	52	132	44	121	08119025020	s/cons.
32	20	62	159	44	132	08119032020	s/cons.
32	25	62	159	52	143	08119032025	s/cons.
40	20	72	182	44	150	08119040020	s/cons.
40	25	72	182	52	161	08119040025	s/cons.
40	32	72	182	62	169	08119040032	s/cons.
50	20	86	225	44	168	08119050020	s/cons.
50	25	86	225	52	179	08119050025	s/cons.
50	32	86	225	62	187	08119050032	s/cons.
50	40	86	225	72	196	08119050040	s/cons.
63	20	105	262	44	195	08119063020	s/cons.
63	25	105	262	52	206	08119063025	s/cons.
63	32	105	262	62	214	08119063032	s/cons.
63	40	105	262	72	223	08119063040	s/cons.
63	50	105	262	86	235	08119063050	s/cons.

Cotas em mm.

Tampão com Purga Manual

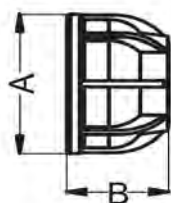
Ø	A	B	C	Código	Preço/un
20	44	44	64	08120020000	s/cons.
25	52	53	88	08120025000	s/cons.
32	62	63	98	08120032000	s/cons.
40	72	68	103	08120040000	s/cons.
50	86	82	117	08120050000	s/cons.
63	105	94	129	08120063000	s/cons.

Cotas em mm.

Tampão com Válvula de Esfera

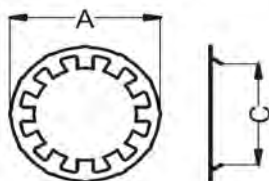
Ø	R	A	B	C	Código	Preço/un
20	1/4"	44	44	74	08121020004	s/cons.
25	1/4"	52	53	98	08121025004	s/cons.
32	3/8"	62	63	108	08121032006	s/cons.
40	3/8"	72	68	113	08121040006	s/cons.
50	3/8"	86	82	127	08121050006	s/cons.
63	3/8"	105	94	139	08121063006	s/cons.

Cotas em mm. Roscas BSP.

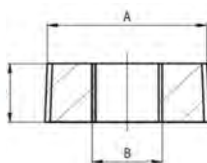
Porca

Ø	A	A	Código	Preço/un
20	44	30	08122020000	s/cons.
25	52	37	08122025000	s/cons.
32	62	43	08122032000	s/cons.
40	72		08122040000	s/cons.
50	86	59	08122050000	s/cons.
63	105	70	08122063000	s/cons.

Cotas em mm.

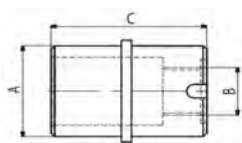
Grifa

A	B	Código	Preço/un
31	20,2	08123020000	s/cons.
39	25,2	08123025000	s/cons.
48	32,5	08123032000	s/cons.
56	40,5	08123040000	s/cons.
69	50,5	08123050000	s/cons.
85	63,2	08123063000	s/cons.
Cotas em mm.			

Redução Roscada em Alumínio

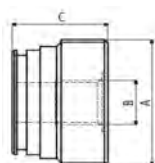
A	B	C	Código	Preço/un
3/4"	1/2"	14,5	08124012008	s/cons.
1"	1/2"	17	08124016008	s/cons.
1 1/4"	1/2"	19	08124020008	s/cons.
1 1/2"	1/2"	19	08124024008	s/cons.
1 1/2"	1"	19	08124024016	s/cons.
2"	1/2"	23	08124032008	s/cons.
2"	1"	23	08124032016	s/cons.
2"	1 1/2"	23	08124032024	s/cons.

Cotas em mm. Roscas BSP.

Macho em Nylon com Rosca Fêmea

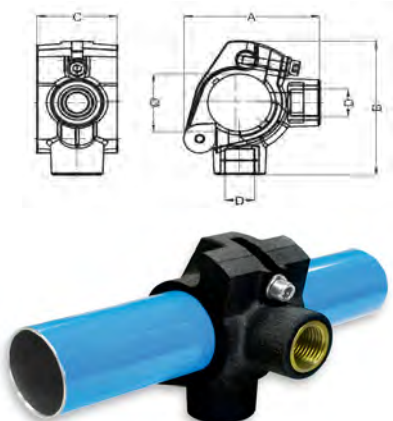
A	B	C	Código	Preço/un
25	1/2"	57		s/cons.
32	1/2"	57	08125032008	s/cons.
40	1/2"	62	08125040008	s/cons.
40	1"	62	08125040016	s/cons.
50	1/2"	74	08125050008	s/cons.
50	1"	74	08125050016	s/cons.
63	1/2"	77	08125063008	s/cons.
63	1"	77	08125063016	s/cons.
63	1 1/2"	77	08125063024	s/cons.

Cotas em mm. Roscas BSP.

Redução Roscada em Nylon com O'ring

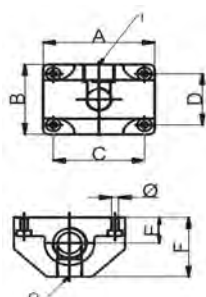
A	B	C	Código	Preço/un
3/4"	1/2"	30	08126012008	s/cons.
1"	1/2"	32	08126016008	s/cons.
1 1/2"	1/2"	35	08126024008	s/cons.
1 1/2"	1"	35	08126024016	s/cons.
2"	1/2"	41	08126032008	s/cons.
2"	1"	41	08126032016	s/cons.
2"	1 1/2"	41	08126032024	s/cons.

Cotas em mm. Roscas BSP.

Derivação para Picagem Roscada

Ø	A	B	C	D	Código	Preço/un
25	85	93	50	1/2"	08127025008	s/cons.
32	85	93	50	1/2"	08127032008	s/cons.
40	85	93	50	1/2"	08127040008	s/cons.
50	134	146	80	1"	08127050016	s/cons.
63	134	146	80	1"	08127063016	s/cons.

Cotas em mm. Roscas BSP.

Aplique Mural

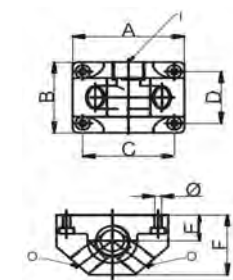
08150008008



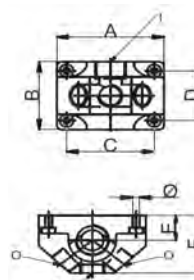
08153000000

I	O	A	B	C	D	Ø	Código	Preço/un
1/2"	1/2"	105	70	91	56	7	08150008008	s/cons.
1/2"	2X1/2"	105	70	91	56	7	08151008008	s/cons.
1/2"	3X1/2"	105	70	91	56	7	08152008008	s/cons.
DISTANCIAL		85,5	60	20	70	6	08153000000	s/cons.
PURGA A APLICAR							0815400400L	s/cons.

Cotas em mm. Roscas BSP.

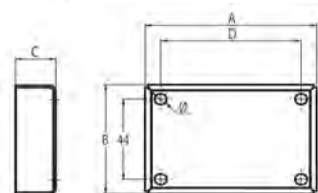
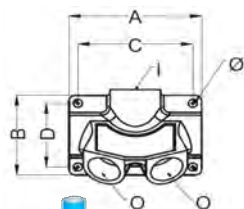


08151008008



08152008008

DISTANCIAL

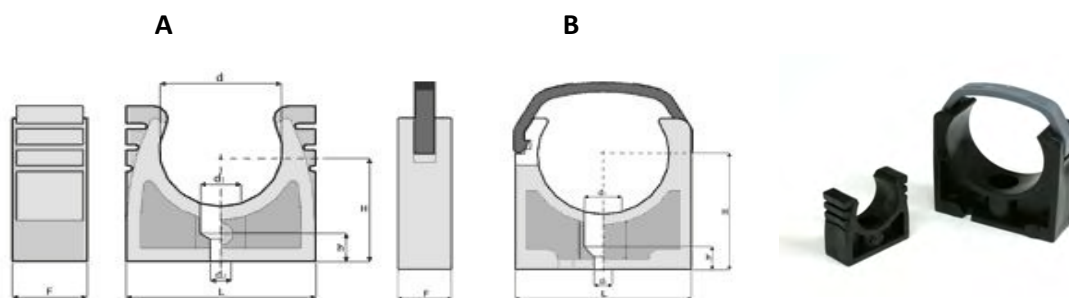
PURGA
0815400400L**Aplique Mural Angular de 4 Saídas**

I	O	A	B	C	D	Ø	Código	Preço/un
1/2"	4X1/2"	105	70	91	56	7	08158008008	s/cons.
3/4"	4X1/2"	105	70	91	56	7	08158012008	s/cons.
PURGA A APLICAR							08154004000	s/cons.

Cotas em mm. Roscas BSP.

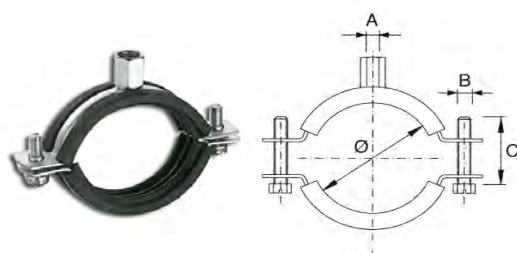


PURGA

Abraçadeira Plástica Cor Preta

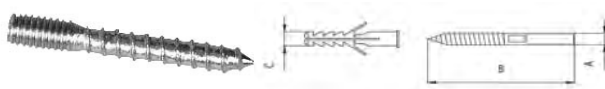
D	H	L	dx	d1	h	f	Fig.	Gr.	Código	Preço/un
20	25	33	5,5	10,5	7,5	16	A	7	08128020000	s/cons.
25	27,5	38	5,5	10,5	7,5	16	A	9	08128025000	s/cons.
32	31	48	5,5	10,5	7,5	16	A	13	08128032000	s/cons.
40	41,5	54	5,5	10,5	7,5	20	B	23	08128040000	s/cons.
50	46,5	64,5	7	14	9	23	B	29	08128050000	s/cons.
63	56	80	7	14	9	25	B	39	08128063000	s/cons.

Cotas em mm.

Abraçadeira Metálica M8 com Borracha

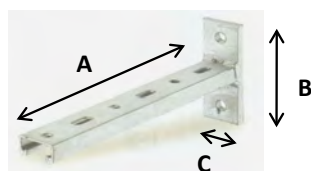
Ø	A	B	C	Código	Preço/un
20	M8	M6	20	08130020000	s/cons.
25	M8	M6	20	08130025000	s/cons.
32	M8	M6	20	08130032000	s/cons.
40	M8	M6	25	08130040000	s/cons.
50	M8	M6	25	08130050000	s/cons.
63	M8	M6	25	08130063000	s/cons.

Cotas em mm. Roscas métricas.

Perno Roscado M8 para Abraçadeira (sem bucha)

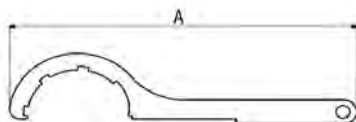
A	B	C	Código	Preço/un
M8	50	10	08131050M08	s/cons.
M8	120	10	08131120M08	s/cons.

Cotas em mm. Roscas BSP.

Poleia de Apoio para Fixação à Parede

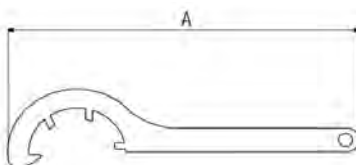
A	B	C	Código	Preço/un
200	150	40	08132200040	s/cons.
300	150	40	08132300040	s/cons.
500	150	40	08132500040	s/cons.

Cotas em mm. Roscas BSP.

Chave de Aperto para Porca

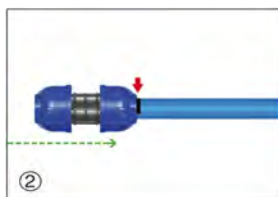
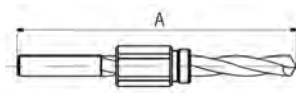
Ø	A	Código	Preço/un
20	170	08133020000	s/cons.
25	210	08133025000	s/cons.
32	210	08133032000	s/cons.
40	240	08133040000	s/cons.
50	280	08133050000	s/cons.
63	320	08133063000	s/cons.

Cotas em mm.

Chave de Aperto para Corpo

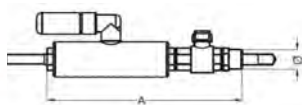
Ø	A	Código	Preço/un
20	170	08134020000	s/cons.
25	210	08134025000	s/cons.
32	210	08134032000	s/cons.
40	240	08134040000	s/cons.
50	280	08134050000	s/cons.
63	320	08134063000	s/cons.

Cotas em mm.

Exemplo de Montagem**Ferramenta de Furação Simples**

Ø	A	Código	Preço/un
1/2"	150	08135008150	s/cons.
1"	205	08135016205	s/cons.

Cotas em mm. Roscas BSP.

Ferramenta de Furação em Pressão

Ø	A	Código	Preço/un
1/2"	202	08136008202	s/cons.
1"	294	08136016294	s/cons.

Cotas em mm. Roscas BSP.

Corta Tubo

08137020063



08137020032

Ø	Código	Preço/un
20/32	08137020032	s/cons.
20/63	08137020063	s/cons.

Chanfrador

08138020040



08138020050



08138050063



08138000000



Ø	Código	Preço/un
20/40	08138020040	s/cons.
20/50	08138020050	s/cons.
50/63	08138050063	s/cons.
TODOS	08138000000	s/cons.

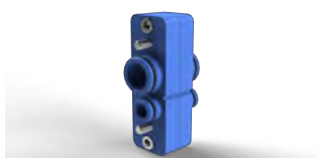
LINHA DE DISTRIBUIÇÃO MULTIFUNCIONAL**Perfil Multifuncional**

Em barra de 6 metros
Com cortes acresce € 3,00 por corte

Ø	Código	Preço/m
16/25	08201016025	s/cons.

Suporte de Fixação

Código	Preço/m
08202000000	s/cons.

União

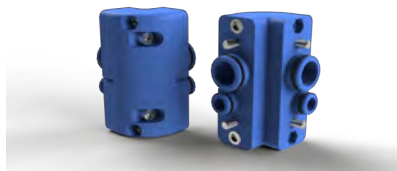
Código	Preço/m
08203016025	s/cons.

Intermédio Esquerdo

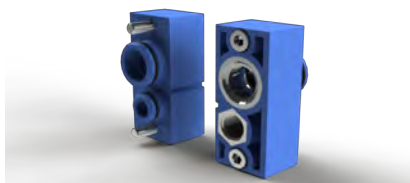
Código	Preço/m
08204016025	s/cons.

Intermédio Direito

Código	Preço/m
08205016025	s/cons.

União 90°

Código	Preço/m
08206016025	s/cons.

Terminal Roscado Direito 1/2" e 1/4"

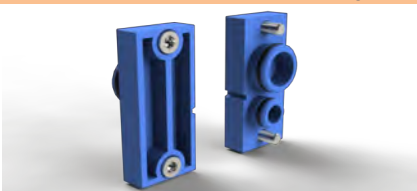
Código	Preço/m
08207008004	s/cons.

Terminal Roscado Esquerdo 1/2" e 1/4"

Código	Preço/m
08208008004	s/cons.

Tampão Terminal Direito

Código	Preço/m
08209016025	s/cons.

Tampão Terminal Esquerdo

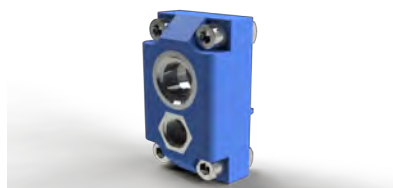
Código	Preço/m
08210016025	s/cons.

Bloco Frontal Horizontal 3/4" s/Ø25

Código	Preço/m
08211025012	s/cons.

Bloco Frontal Horizontal 1/2" s/Ø25

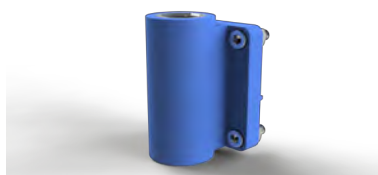
Código	Preço/m
08212025008	s/cons.

Bloco Frontal Horizontal 1/2" s/Ø25, 1/4" s/Ø16

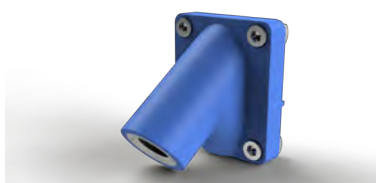
Código	Preço/m
08213008004	s/cons.

Bloco Frontal Horizontal 1/2" s/Ø16

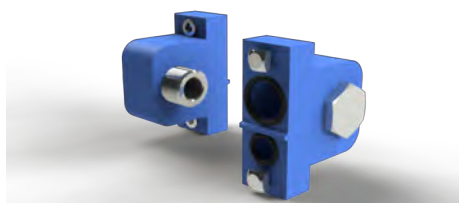
Código	Preço/m
08214016008	s/cons.

Bloco Frontal Vertical 1/2" e 1/2"

Código	Preço/m
08215008008	s/cons.

Bloco Frontal Inclinado 1/2"

Código	Preço/m
08216000008	s/cons.

Bloco Frontal de Suporte c/Parafuso de 1/2"

Código	Preço/m
08217000008	s/cons.

Bitola de Furação

Código	Preço/m
8218016025	s/cons.

Conjunto de tampões

A utilizar com
08203016025

Código	Preço/m
8223016025	s/cons.

Prateleira Porta Utensílios

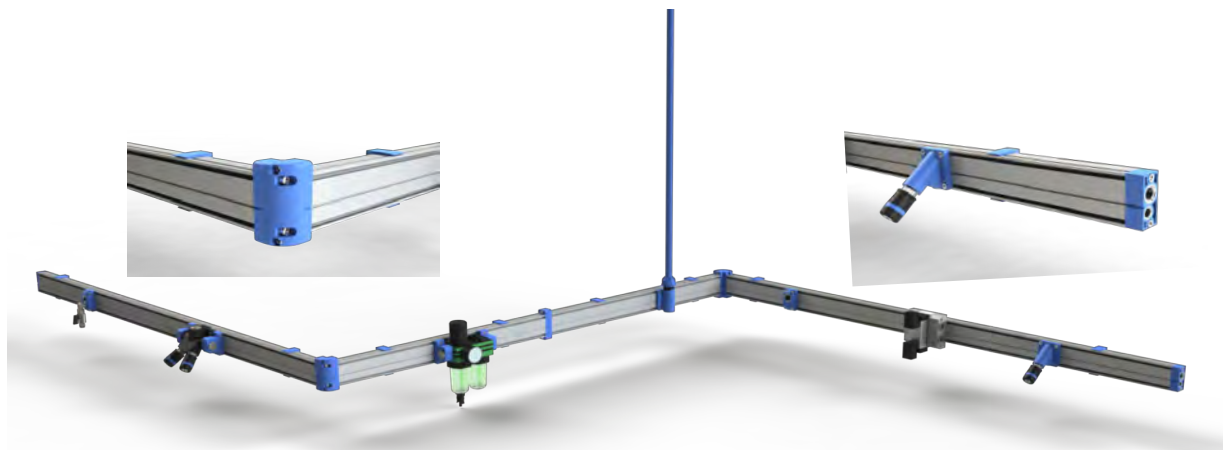
Código	Preço/m
08220000000	s/cons.

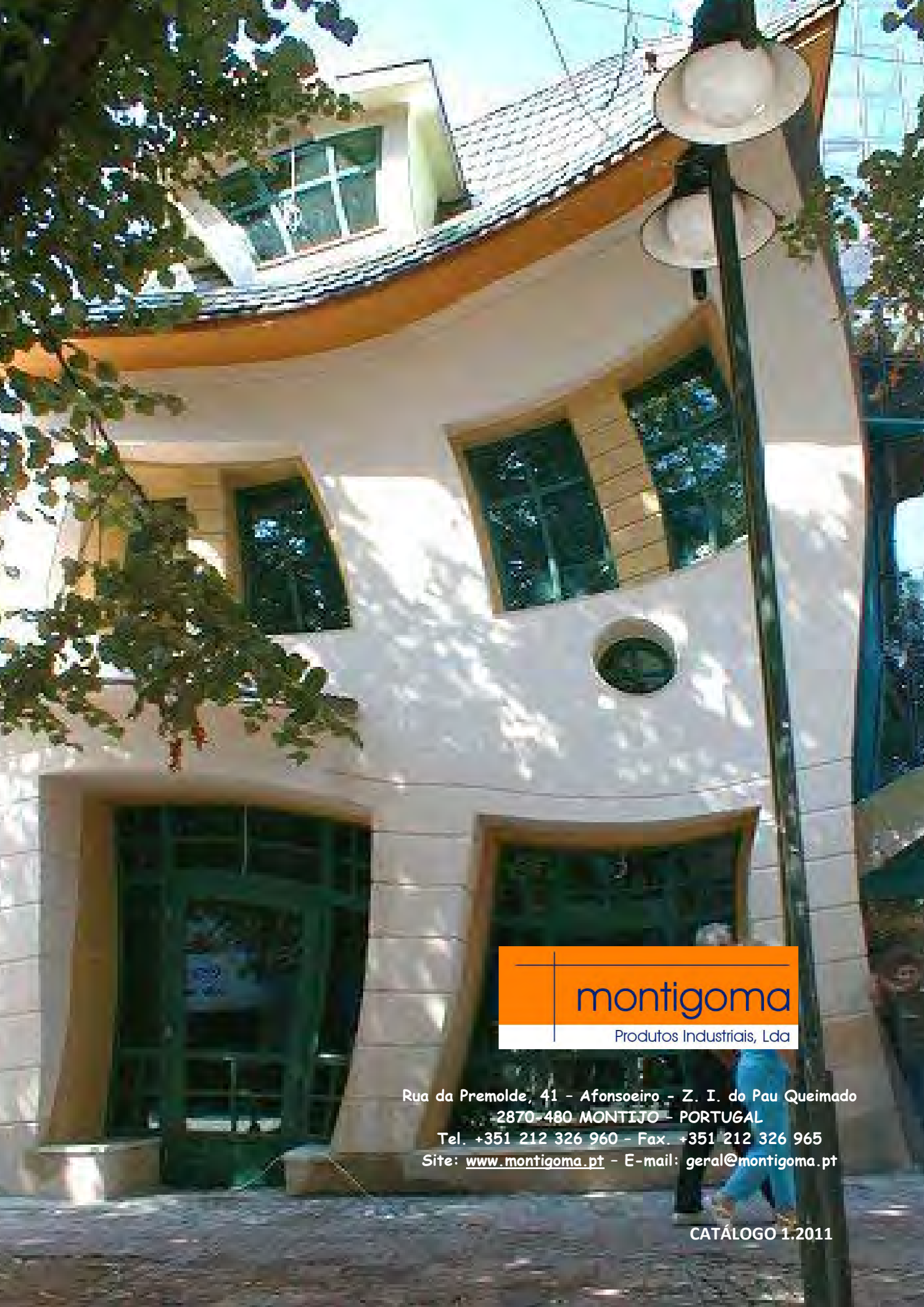
Prateleira Porta Utensílios c/Suporte de Rolo de Papel

Código	Preço/m
08221000000	s/cons.

Suporte de Rolo de Mangueira

Código	Preço/m
08222000000	s/cons.

Exemplos de montagem**NOTAS**



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