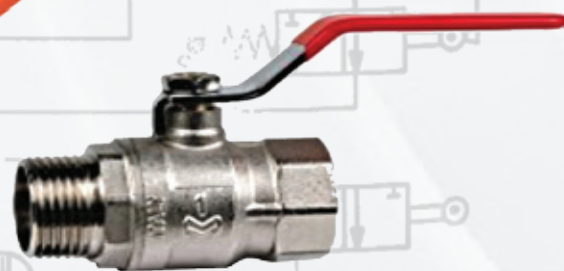
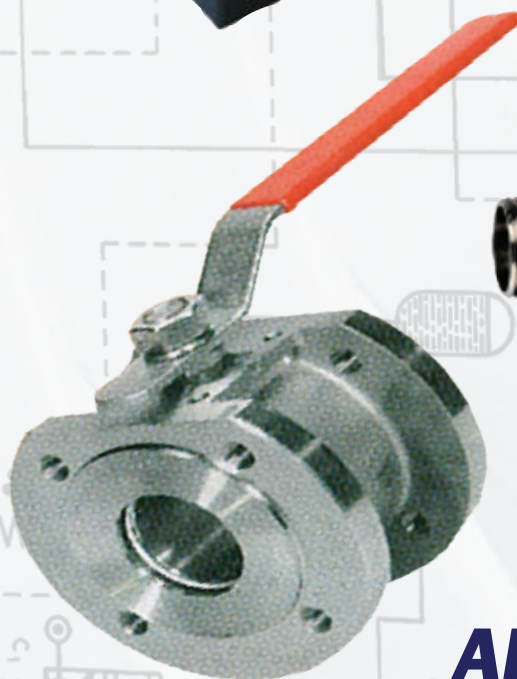




ETOPÍ[®]

ACESSÓRIOS PARA AR COMPRIMIDO



**ACADEMIA DO
AR COMPRIMIDO**

**HÁ MAIS DE 30 ANOS
A SERVIR COM EXCELÊNCIA**

ACESSÓRIOS STANDARD INOX AISI 316



CURVA 90° "F" 62510	
CODIGO	ROSCA
E6251001	1/8
E6251002	1/4
E6251003	3/8
E6251004	1/2
E6251005	3/4
E6251006	1
E6251007	1¼
E6251008	1½
E6251009	2
E6251011	2½



CURVA REDUÇÃO 6551A	
CODIGO	ROSCA
E6251A02	3/8→1/4
E6251A03	1/2→3/8
E6251A04	3/4→3/8
E6251A05	3/4→1/2
E6251A06	1→1/2
E6251A18	2→1¼
E6251A32	1→3/4
E6251A33	1¼→3/4
E6251A39	1¼→1
E6251A45	1½→1¼



CURVA MF 62520	
CODIGO	ROSCA
E6252001	1/8
E6252002	1/4
E6252003	3/8
E6252004	1/2
E6252005	3/4
E6252006	1
E6252007	1¼
E6252008	1½
E6252009	2
E6252010	2½
E6252011	3
E6252012	4



CURVA 45° 62500	
CODIGO	ROSCA
E6250001	1/8
E6250002	1/4
E6250003	3/8
E6250004	1/2
E6250005	3/4
E6250006	1
E6250007	1¼
E6250008	1½
E6250009	2



SEDE CÔNICA "F" 62060	
CODIGO	ROSCA
E6206001	1/8
E6206002	1/4
E6206003	3/8
E6206004	1/2
E6206005	3/4
E6206006	1
E6206007	1¼
E6206008	1½
E6206009	2
E6206011	2½
E6206012	3
E6206013	4



LIGAÇÃO MANG. 62340		
CODIGO	MANG.	ROSCA
E6234001	7	1/8
E6234002	7	1/4
E6234003	9	1/8
E6234004	9	1/4
E6234005	9	3/8
E6234006	9	1/2
E6234007	11	1/4
E6234008	11	3/8
E6234009	11	1/2
E6234010	14	1/4
E6234011	14	3/8
E6234012	14	1/2
E6234013	14	3/4
E6234014	16	3/8
E6234015	16	1/2
E6234016	16	3/4
E6234018	20	1/2
E6234019	20	3/4
E6234020	20	1
E6234021	26	3/4
E6234022	26	1
E6234023	33	1¼
E6234024	39	1½
E6234026	51	2
E6234027	66	2½



CASQUILHO 62000	
CODIGO	ROSCA
E6200002	1/8
E6200003	1/4
E6200004	3/8
E6200005	1/2
E6200006	3/4
E6200007	1
E6200008	1¼
E6200009	1½
E6200010	2
E6200011	2½
E6200013	3
E6200013/1	4



CASQUILHO RED. 62020	
CODIGO	ROSCA
E6202001	1/4→1/8
E6202002	3/8→1/8
E6202003	3/8→1/4
E6202004	1/2→1/8
E6202005	1/2→1/4
E6202006	1/2→3/8
E6202007	3/4→1/4
E6202007/1	3/4→3/8
E6202009	3/4→1/2
E6202010	1→1/4
E6202011	1→3/8
E6202012	1→1/2
E6202013	1→3/4
E6202014	1¼→1/2
E6202015	1¼→3/4
E6202016	1¼→1
E6202017	1½→1/2
E6202018	1½→3/4
E6202019	1½→1
E6202020	1½→1¼
E6202021	2→1/2
E6202022	2→3/4
E6202023	2→1
E6202024	2→1¼
E6202025	2→1½
E6202025/1	2½→1¼
E6202025/2	2½→1½
E6202026	2½→2
E6202027	3→2
E6202028	3→2½



UNIÃO REDUÇÃO 64100	
CODIGO	ROSCA
E64100001	1/4→1/8
E64100002	3/8→1/8
E64100003	1/2→1/8
E64100012	3/8→1/4
E64100014	3/4→1/4
E64100015	1→1/4
E64100022	1/2→3/8
E64100024	3/4→1/2
E64100026	1¼→1/2
E64100027	1½→1/2
E64100028	1→1/2
E64100032	1→3/4
E64100039	1¼→1
E64100045	1½→1¼
E64100048	2½→1¼
E64100050	2→1½
E64100051	2→1/2



SEDE CÔNICA "M/F" 62061	
CODIGO	ROSCA
E6206100	1/8
E6206102	1/4
E6206103	3/8
E6206104	1/2
E6206105	3/4
E6206106	1
E6206107	1¼
E6206108	1½
E6206109	2



CASQ. RED. "M/F" 62040	
CODIGO	ROSCA
E6204001	1/8→1/4
E6204003	1/4→3/8
E6204005	1/4→1/2
E6204006	3/8→1/2
E6204008	1/2→3/4
E6204010	1/2→1
E6204011	3/4→1



PORCA REDUÇÃO 62080	
CODIGO	ROSCA
E6208002	1/4→1/8
E6208003	3/8→1/8
E6208004	3/8→1/4
E6208005	1/2→1/8
E6208006	1/2→1/4
E6208007	1/2→3/8
E6208008	3/4→1/8
E6208009	3/4→1/4
E6208011	3/4→1/2
E6208015	1→1/2
E6208016	1→3/4
E6208017	1¼→1/2
E6208018	1¼→3/4
E6208019	1¼→1
E6208020	1½→1/2
E6208021	1½→3/4
E6208022	1½→1
E6208023	1½→1¼
E6208024	2→1/2
E6208025	2→3/4
E6208026	2→1
E6208027	2→1½
E6208028	2½→2
E6208029	3→2½



PORCA 62550	
CODIGO	ROSCA
E6255001	1/8
E6255002	1/4
E6255003	3/8
E6255004	1/2
E6255005	3/4
E6255006	1
E6255007	1¼
E6255008	1½
E6255009	2



CASQUILHO "M/F" 62040	
CODIGO	ROSCA
E6204002	1/4
E6204004	3/8
E6204007	1/2
E6204009	3/4
E6204012	1



UNIÃO 62300	
CODIGO	ROSCA
E6230001	1/8
E6230002	1/4
E6230003	3/8
E6230004	1/2
E6230005	3/4
E6230006	1
E6230007	1¼
E6230008	1½
E6230009	2



TAMPÃO FÊMEA 64040	
CODIGO	ROSCA
E6405001	1/8
E6405002	1/4
E6405003	3/8
E6405004	1/2
E6405005	3/4
E6405006	1



TAMPÃO 62320	
CODIGO	ROSCA
E6232001	1/8
E6232002	1/4
E6232003	3/8
E6232004	1/2
E6232005	3/4
E6232006	1
E6232007	1 1/4
E6232008	1 1/2
E6232009	2



"T" FÊMEA 62400	
CODIGO	ROSCA
E6240001	1/8
E6240002	1/4
E6240003	3/8
E6240004	1/2
E6240005	3/4
E6240006	1
E6240007	1 1/4
E6240008	1 1/2
E6240009	2
E6240010	2 1/2
E6240011	3



"T" REDUÇÃO 62400A	
CODIGO	ROSCA
E62400A02	3/8 → 1/8
E62400A12	3/8 → 1/4
E62400A13	1/2 → 1/4
E62400A14	3/4 → 1/4
E62400A22	1/2 → 3/8
E62400A24	3/4 → 1/2
E62400A25	1 → 1/2
E62400A32	1 → 3/4
E62400A60	3/4 → 3/8



"T" 62400	
CODIGO	ROSCA
E6240001	1/8
E6240002	1/4
E6240003	3/8
E6240004	1/2
E6240005	3/4
E6240006	1
E6240007	1 1/4
E6240008	1 1/2
E6240009	2
E6240010	2 1/2
E6240011	3

LIGAÇÕES RÁPIDAS UNIVERSAIS DN 7.8 INOX AISI 316



TOMADA 63190 UNIVERSAL MACHO	
CODIGO	ROSCA
E6319002	1/4
E6319003	3/8
E6319004	1/2



TOMADA 63192 UNIVERSAL FÊMEA	
CODIGO	ROSCA
E6319202	1/4
E6319203	3/8
E6319204	1/2



BICO TOMADA 63260 RÁPIDA MACHO	
CODIGO	ROSCA
E6326002	1/4
E6326003	3/8
E6326004	1/2



BICO TOMADA 63262 RÁPIDA FÊMEA	
CODIGO	ROSCA
E6326202	1/4
E6326203	3/8
E6326204	1/2



VÁLVULA 66062 ANTI-RETORNO	
CODIGO	ROSCA
E6606201	1/8
E6606202	1/4
E6606203	3/8
E6606204	1/2

ACESSÓRIOS RÁPIDOS INOX AISI 316



DIREITO "M" 60020	
Ø EXT.	ROSCA
4	M5, 1/8, 1/4
6	M5, 1/8, 1/4
8	1/8, 1/4
10	1/4, 3/8
12	1/4, 3/8



CURVA "M" 60115	
Ø EXT.	ROSCA
4	M5, 1/8, 1/4
6	M5, 1/8, 1/4
8	1/8, 1/4
10	1/4, 3/8, 1/2
12	1/4, 3/8



CODIGO	Ø EXT.
UNIÃO 60040	4, 6, 8, 10, 12
PAINEL 60050	
CURVA 60130	
"T" 60230	



ADAPTADOR 60020	
Ø EXT.	ROSCA
6	1/8
8	1/4
10	1/4, 3/8
12	3/8



"T" MACHO 60215	
Ø EXT.	ROSCA
4	M5, 1/8, 1/4
6	M5, 1/8, 1/4
8	1/8, 1/4
10	1/4, 3/8, 1/2
12	1/4, 3/8

VÁLVULAS MACHO ESFÉRICO INOX AISI 316



1 CORPO 113	
CODIGO	ROSCA
E1130001	1/2
E1130002	1
E1130003	1 1/4
E1130004	1 1/2
E1130005	2
E1130006	2 1/2
E1130007	3



2 CORPOS 360	
CODIGO	ROSCA
E1150002	1/4
E1150003	3/8
E1150004	1/2
E1150005	3/4
E1150006	1
E1150007	1 1/4
E1150008	1 1/2
E1150009	2
E1150011	2 1/2
E1150012	3
E1150015	4



3 CORPOS 306	
CODIGO	ROSCA
E1200002	1/4
E1200003	3/8
E1200004	1/2
E1200005	3/4
E1200006	1
E1200007	1 1/4
E1200008	1 1/2
E1200009	2
E1200010	2 1/4
E1200011	2 1/2
E1200012	3



P/ATUADOR 121	
CODIGO	ROSCA
E1210002	1/4
E1210003	3/8
E1210004	1/2
E1210005	3/4
E1210006	1
E1210007	1 1/4
E1210008	1 1/2
E1210009	2
E1210011	2 1/2
E1210012	3
E1210013	4



3 VIAS "L" OU "T"		
"L"	"T"	Ø
E5301001	E5300001	1/4
E5301002	E5300002	3/8
E5301003	E5300003	1/2
E5301004	E5300004	3/4
E5301005	E5300005	1
E5301006	E5300006	1 1/4
E5301007	E5300007	1 1/2
E5301008	E5300008	2

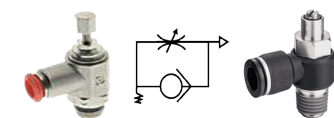


FLANGEADA 835
DN 15~100



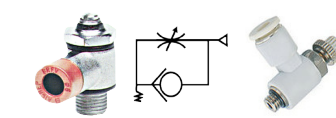
AGULHA CP-01
ATÉ 210bar
Roscas 1/4"~3"

VÁLVULAS DE CONTROLO



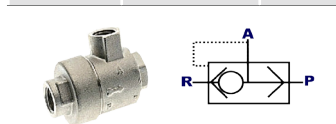
REG. FLUXO UNI-DIRECIONAL P/CILINDRO 600

CODIGO	TUBO Ø EXT.	ROSCA
E9001001	4	M5
E9001011	4	1/8
E9001019	4	1/4
E9001020	4	3/8
E9001012	5	1/8
E9001002	6	M5
E9001003	6	1/8
E9001004	6	1/4
E9001021	6	1/2
E9001005	8	1/8
E9001006	8	1/4
E9001007	8	3/8
E9001007/1	8	1/2
E9001008	10	1/4
E9001009	10	3/8
E9001010	10	1/2
E9001016/1	12	1/4
E9001017	12	3/8
E9001018	12	1/2



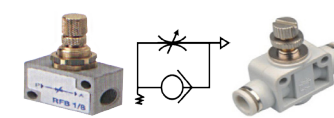
REG. DE FLUXO UNI-DIRECIONAL P/VÁLVULA 601

CODIGO	TUBO Ø EXT.	ROSCA
E9011001	4	M5
E9011002	4	1/8
E9011003	6	1/8
E9011004	6	1/4
E9011005	8	1/8
E9011006	8	1/4



VÁLVULA DE ESCAPE RÁPIDO 500

CODIGO	ROSCA
E9101200	M5
E9101201	1/8
E9101202	1/4
E9101205	3/8
E9101203	1/2
E9101204	3/4
E9101206	1

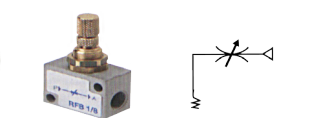


REGULADOR DE FLUXO UNI-DIRECIONAL 603

CODIGO	ROSCA
E9001700	M5
E9001701	1/8
E9001702	1/4
E9001703	3/8
E9001704	1/2

TUBO Ø EXT.

CODIGO	ROSCA
NHPA04	4
NHPA06	6
NHPA08	8
NHPA10	10
NHPA12	12



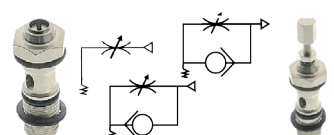
REGULADOR DE FLUXO BI-DIRECIONAL 605

CODIGO	ROSCA
E9001620	1/8
E9001621	1/4



VÁLVULA ANTI-RETORNO "M/F" 480

CODIGO	ROSCA
E9002001	1/8
E9002002	1/4
E9002003	3/8
E9002004	1/2



PARAFUSO REGULADOR FLUXO 604

CODIGO	ROSCA
E9001012/1	M5
E9001013	1/8
E9001014	1/4
E9001015	3/8
E9001016	1/2



VEDANTE P/VÁL. DE ESCAPE RÁPIDO 501

CODIGO	ROSCA
E9255000	M5
E9255001	1/8
E9255001V	1/8 VITON
E9255002	1/4
E9255005	3/8
E9255003	1/2
E9255004	3/4



REGULADOR DE ESCAPE 471

CODIGO	ROSCA	CODIGO
E90A7001	1/8	E90I7001
E90A7002	1/4	E90I7002
E90A7003	3/8	-
E90A7004	1/2	-



VÁLVULA ANTI-RETORNO "F/F" 481

CODIGO	ROSCA
E9001900	- M5
E9001901	- 1/8
E9001902	- 1/4
E9001903	- 3/8
E9001904	EA15 1/2
-	EA20 3/4
-	EA25 1

VÁLVULA DE LINHA 3 VIAS STANDARD 479

CODIGO	ROSCA
E4790000A	M5
E4790000	1/8
E4790001	1/4
E4790002	3/8
E4790003	1/2

VÁLVULA DE LINHA 3 VIAS LIGEIRA 102

CODIGO	ROSCA
10218	1/8
10214	1/4
10238	3/8
10212	1/2
10234	3/4
10210	1

VÁLVULA DE LINHA 3 VIAS C/BLOQUEIO 104

CODIGO	ROSCA
10418	1/8
10414	1/4
10438	3/8
10412	1/2
10434	3/4
10410	1

VÁLVULA DE LINHA 3 VIAS PESADA 110

CODIGO	ROSCA
110M5	M5
11018	1/8
11014	1/4
11038	3/8
11012	1/2
11034	3/4

VÁLVULAS DE BLOQUEIO

UNI-DIRECIONAL

Cilindro em Movimento

SAIDA B SAIDA A

ENTRADA ENTRADA

PILOTO ALIMENTAÇÃO

Cilindro Bloqueado

FECHADO B FECHADO A

SAIDA SAIDA

CODIGO	ROSCA
E888002	11.044.4* 1/8
E888003	11.076.4* 1/4

BI-DIRECIONAL

Cilindro em Movimento

SAIDA B SAIDA A

ENTRADA ENTRADA

PILOTO ALIMENTAÇÃO

Cilindro Bloqueado

FECHADO B FECHADO A

SAIDA SAIDA

CODIGO	ROSCA
E889002	11.066.4* 1/8
E889003	11.077.4* 1/4

ACESSÓRIOS RÁPIDOS LATÃO NIQUELADO E PLÁSTICO



UNIÃO TUBO/TUBO 802			
CODIGO		Ø TUBO	
E2002000	M2002000	-	3
E2002001	M2002001	-	4
E2002002	M2002002	-	5
E2002003	M2002003	JG2002003	6
E2002004	M2002004	JG2002004	8
E2002005	M2002005	-	10
E2002006	M2002006	-	12
E2002007	M2002007	-	14
E2002007/1	-	-	15
E2002007/2	M2002007/2	-	16
-	M8904014	JG2002020	1/4
-	M8904038	-	3/8
-	M8904012	-	1/2



VÁLVULA M. ESF. TUBO/TUBO 6560			
CODIGO		Ø TUBO	
-	M656004	-	4
E656066	M656006	JG656066	6
E656088	M656008	JG656088	8
E656108	-	-	10
E656121	-	-	12
-	-	JG656014	1/4



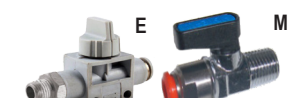
BANJO SIMPLES 821			
CODIGO		Ø TUBO	ROSCA
E2021001	M2021001	4	M5
E2021003	M2021003	4	M6
E2021002	M2021002	4	1/8
E2021004	M2021004	5	M5
E2021005	M2021005	5	1/8
E2021016	M2021016	6	M5
E2021006	M2021006	6	M6
E2021007	M2021007	6	1/8
E2021008	M2021008	6	1/4
E2021009	M2021009	8	1/8
E2021010	M2021010	8	1/4
E2021011	M2021011	8	3/8
E2021012	M2021012	10	1/4
E2021013	M2021013	10	3/8
E2021014	M2021014	12	3/8



BANJO DUPLO 822			
CODIGO		Ø TUBO	ROSCA
E2022001	M2022001	4	M5
E2022002	M2022002	4	1/8
E2022004	M2022004	5	M5
E2022005	M2022005	5	1/8
E2022007	M2022007	6	1/8
E2022008	M2022008	6	1/4
E2022009	M2022009	8	1/8
E2022010	M2022010	8	1/4
E2022012	M2022012	10	1/4
E2022013	M2022013	10	3/8



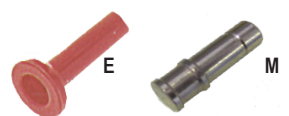
UNIÃO RED. TUBO/TUBO 804			
CODIGO		Ø TUBO	
E2002008	M2002008	6→4	
E2002008/1	M2002008/1	8→4	
E2002009	M2002009	8→6	
E2002009/1	M2002009/1	10→6	
E2002010	M2002010	10→8	
E2002011	M2002011	12→10	
E2002012	M2002012	14→12	
E2002013	M2002013	16→14	
E2002014	M2002014	16→12	



VÁLV. M. ESFÉRICO MACHO 428			
CODIGO		Ø TUBO	ROSCA
E4280002	M4280002	6	1/8
E4280003	M4280003	6	1/4
E4280004	M4280004	8	1/8
E4280005	M4280005	8	1/4
E4280006	M4280006	10	1/4
E4280007	-	10	1/2
E4280009	-	12	1/4
E4280008	-	12	1/2



ADAPTADOR MACHO 819			
CODIGO		Ø TUBO	ROSCA
E8194M5		4	M5
E819418		4	1/8
E819414		4	1/4
E8196M5		6	M5
E819618		6	1/8
E819614		6	1/4
E819818		8	1/8
E819814		8	1/4
E819838		8	3/8
E8191014		10	1/4
E8191038		10	3/8
E8191214		12	1/4
E8191238		12	3/8
E8191212		12	1/2
E8191412		14	1/2



TAMPÃO 820			
CODIGO		Ø TUBO	
E2020001	M202001	4	
E2020002	M202002	5	
E2020003	M202003	6	
E2020004	M202004	8	
E2020005	M202005	10	
E2020006	M202006	12	



LIGAÇÃO "Y" TUBO 814Y			
CODIGO		Ø TUBO	
E2014010	M2014010	4	
E2014011	M2014011	6	
E2014012	M2014012	8	
E2014013	M2014013	10	
E2014014	M2014014	12	
E2014015	M2014015	14	
E2014016	M2014016	15	



PASSA PAINEL 816			
CODIGO		Ø TUBO	
E2016002	M2016002	4	
E2016003	M2016003	6	
E2016004	M2016004	8	
E2016005	M2016005	10	
E2016006	M2016006	12	
E2016007	M2016007	14	
E2016008	M2016008	16	



PASSA PAINEL FEMEA 816A			
CODIGO		Ø TUBO	ROSCA
E2015000		6	1/8
E2015001		6	1/4
E2015002		8	1/8
E2015003		8	1/4



REDUÇÃO 818			
CODIGO		Ø TUBO	
E2018000	M2018000	4→3	
E2018001	M2018001	5→4	
E2018002	M2018002	6→4	
E2018004	M2018004	6→5	
E2018003	M2018003	8→4	
E2018005	M2018005	8→5	
E2018006	M2018006	8→6	
E2018007	M2018007	10→6	
E2018009	M2018009	10→8	
E2018008	M2018008	12→6	
E2018010	M2018010	12→8	
E2018011	M2018011	12→10	
E2018014	M2018014	14→8	

ACESSÓRIOS MINI 4/2 e 6/4 - M5



ACESSÓRIOS 30 bar M6 a M10



PARAF. SIMPLES P/BANJO 358			
CODIGO		ROSCA	
E2407001		M5	
E2407006		M6	
E2407002		1/8	
E2407003		1/4	
E2407004		3/8	
E2407005		1/2	



PARAF. DUPLO P/BANJO 360			
CODIGO		ROSCA	
E2408001		1/8	
E2408002		1/4	
E2408003		3/8	
E2408004		1/2	



PARAF. TRIPLO P/BANJO 362			
CODIGO		ROSCA	
E2408004/1		1/8	
E2408005		1/4	
E2408006		3/8	



PARAF. P/BANJO M/F 358A			
CODIGO		ROSCA	
E2409001		1/8	
E2409002		1/4	



BANJO SIMPLES C/PARAFUSO 823			
CODIGO		Ø TUBO	ROSCA
E2023001		4	M5
E2023002		4	1/8
E2023007		6	1/8
E2023008		6	1/4
E2023009		8	1/8
E2023010		8	1/4
E2023012		4	1/4
E2023013		12	1/2



ANILHA NYLON/ALUM. 365			
CODIGO		ROSCA	
E2413000		M5	
E2413002		1/8	
E2413003		1/4	
E2413004		3/8	
E2413005		1/2	
E2413006		3/4	
E2413007		1	

ACESSÓRIOS RÁPIDOS LATÃO NIQUELADO E PLÁSTICO

EM INOX SOB CONSULTA



DIREITO MACHO 801				
CODIGO		Ø TUBO	ROSCA	
E2001000/1	M2001000/1	-	2	M5
E2001000	M2001000	-	3	M5
E2001000/2	M2001000/2	-	4	M3
E2001001	M2001001	-	4	M5
E2001001/1	M2001001/1	-	4	M6
E2001001/2	M2001001/2	-	4	M7
E2001002	M2001002	-	4	1/8
E2001002/1	M2001002/1	-	4	1/4
E2001004	M2001004	-	5	M5
E2001005	M2001005	-	5	1/8
E2001003	M2001003	-	6	M5
E2001003/1	M2001003/1	-	6	M6
E2001007	M2001007	JG2001007	6	1/8
E2001008	M2001008	JG2001008	6	1/4
E2001020	M2001020	-	6	3/8
E2001021	M2001021	-	6	1/2
E2001009	M2001009	JG2001009	8	1/8
E2001010	M2001010	JG2001010	8	1/4
E2001011	M2001011	-	8	3/8
E2001022	M2001022	-	8	1/2
E2001023	M2001023	-	10	1/8
E2001012	M2001012	-	10	1/4
E2001013	M2001013	-	10	3/8
E2001014	M2001014	-	10	1/2
E2001029	M2001029	-	12	1/8
E2001015	M2001015	-	12	1/4
E2001016	M2001016	-	12	3/8
E2001017	M2001017	-	12	1/2
E2001018	M2001018	-	14	3/8
E2001019	M2001019	-	14	1/2
E2001027	M2001027	-	15	3/8
E2001028	M2001028	-	15	1/2
E2001026	M2001026	-	16	1/4
E2001024	M2001024	-	16	3/8
E2001025	M2001025	-	16	1/2
-	-	JG2001040	1/4"	1/8
-	-	JG2001041	1/4"	1/4



LIGAÇÃO "T" TUBO 814			Ø TUBO
CODIGO			
E2014000	M2014000	-	3
E2014001	M2014001	-	4
E2014002	M2014002	-	5
E2014003	M2014003	JG2014003	6
E2014004	M2014004	JG2014004	8
E2014005	M2014005	-	10
E2014006	M2014006	-	12
E2014007	M2014007	-	14
E2014008	-	-	16
-	-	JG2014020	1/4



DIREITO FEMEA 803			
CODIGO		Ø TUBO	ROSCA
E2003000	M2003000	4	M5
-	M2003023	4	M6
E2003001	M2003001	4	1/8
E2003002	M2003002	4	1/4
E2003005	M2003005	5	1/8
-	M2003024	6	M5
-	M2003022	6	M6
E2003007	M2003007	6	1/8
E2003008	M2003008	6	1/4
E2003008/1	M2003008/1	6	3/8
E2003020	M2003020	6	1/2
E2003009	M2003009	8	1/8
E2003010	M2003010	8	1/4
E2003011	M2003011	8	3/8
E2003011/1	M2003011/1	8	1/2
E2003011/2	M2003011/2	10	1/8
E2003012	M2003012	10	1/4
E2003013	M2003013	10	3/8
E2003014	M2003014	10	1/2
E2003021	M2003021	12	1/8
E2003015	M2003015	12	1/4
E2003016	M2003016	12	3/8
E2003017	M2003017	12	1/2
E2003017/1	M2003017/1	14	3/8
E2003017/2	M2003017/2	14	1/2
E2003018	-	16	3/8
E2003019	-	16	1/2



LIGAÇÃO "T" MACHO 809			
CODIGO		Ø TUBO	ROSCA
E2009000	-	4	M5
E2009002	M2009002	4	1/8
E2009003	M2009003	4	1/4
E2009004	M2009004	5	M5
E2009005	M2009005	6	M5
E2009007	M2009007	6	1/8
E2009008	M2009008	6	1/4
E2009008/1	M2009008/1	6	3/8
E2009006	M2009006	6	1/2
E2009009	M2009009	8	1/8
E2009010	M2009010	8	1/4
E2009011	M2009011	8	3/8
E2009011/1	M2009011/1	8	1/2
E2009012	M2009012	10	1/4
E2009013	M2009013	10	3/8
E2009015	M2009015	10	1/2
E2009014	M2009014	12	3/8
E2009016	M2009016	12	1/2
E2009017	M2009017	14	3/8
E2009018	M2009018	14	1/2
E2009019	M2009019	16	3/8
E2009020	M2009020	16	1/2



CURVA MACHO 806			
CODIGO		Ø TUBO	ROSCA
E2006000	M2006000	3	M5
E2006001	M2006001	4	M5
-	M2006020	4	M6
E2006002	M2006002	4	1/8
E2006003	M2006003	4	1/4
E2006005	M2006005	5	1/8
E2006006	M2006006	6	M5
-	M2006021	6	M6
E2006007	M2006007	6	1/8
E2006008	M2006008	6	1/4
E2006008/1	M2006008/1	6	3/8
E2006008/2	M2006008/2	6	1/2
E2006009	M2006009	8	1/8
E2006010	M2006010	8	1/4
E2006011	M2006011	8	3/8
E2006011/1	M2006011/1	8	1/2
E2006011/2	M2006011/2	10	1/8
E2006012	M2006012	10	1/4
E2006013	M2006013	10	3/8
E2006013/1	M2006013/1	10	1/2
E2006029	M2006022	12	1/8
E2006014	M2006014	12	1/4
E2006015	M2006015	12	3/8
E2006016	M2006016	12	1/2
E2006016/1	M2006016/1	14	3/8
E2006017	M2006017	14	1/2
E2006018	M2006018	16	3/8
E2006019	M2006019	16	1/2



CURVA FEMEA 50105			
CODIGO		Ø TUBO	ROSCA
E5010506	M5010506	8	1/8
E5010507	M5010507	8	1/4



CURVA TUBO/TUBO 807			
CODIGO		Ø TUBO	
E2007000	M2007000	-	3
E2007001	M2007001	-	4
E2007002	M2007002	-	5
E2007003	M2007003	JG2007003	6
E2007004	M2007004	JG2007004	8
E2007005	M2007005	-	10
E2007006	M2007006	-	12
E2007007	M2007007	-	14
E2007008	M2007008	-	15
E2007009	M2007009	-	16
-	-	JG2007020	1/4

ACESSÓRIOS DE BICONE EM LATÃO NIQUELADO



DIREITO MACHO 230		
CODIGO	TUBO Ø EXT.	ROSCA
E2201001	4	1/8
E2201002	6	1/8
E2201003	6	1/4
E2201004	8	1/8
E2201005	8	1/4
E2201006	8	3/8
E2201007	10	1/4
E2201008	10	3/8
E2201009	10	1/2
E2201010	12	3/8
E2201011	12	1/2
E2201012	14	1/2
E2201013	15	1/2
E2201014	16	1/2
E2201015	18	1/2



DIREITO FÊMEA 234		
CODIGO	TUBO Ø EXT.	ROSCA
E2202000	4	1/8
E2202001	6	1/8
E2202002	6	1/4
E2202003	8	1/8
E2202004	8	1/4
E2202005	8	3/8
E2202006	10	1/4
E2202007	10	3/8
E2202008	12	3/8
E2202009	12	1/2
E2202010	14	1/2
E2202011	15	1/2
E2202012	16	1/2



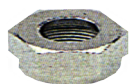
UNIÃO CURVA/TUBO 236	
CODIGO	TUBO Ø EXT.
E2206001	4
E2206000	5
E2206002	6
E2206003	8
E2206004	10
E2206005	12
E2206008	14
E2206006	15
E2206009	16
E2206007	18



UNIÃO TUBO/TUBO 232	
CODIGO	TUBO Ø EXT.
E2203001	4
E2203002	6
E2203003	8
E2203004	10
E2203005	12
E2203006	14
E2203007	15
E2203008	16
E2203009	18



" T " TUBO 241	
CODIGO	TUBO Ø EXT.
E2209001	4
E2209002	6
E2209003	8
E2209004	10
E2209005	12
E2209006	14
E2209007	15
E2209008	16
E2209009	18



PORCA 245	
CODIGO	TUBO Ø EXT.
E2210001	4
E2210002	6
E2210003	8
E2210004	10
E2210005	12
E2210006	14
E2210008	15
E2210007	16



CURVA MACHO 237		
CODIGO	TUBO Ø EXT.	ROSCA
E2205001	4	1/8
E2205002	6	1/8
E2205003	6	1/4
E2205004	8	1/8
E2205005	8	1/4
E2205006	8	3/8
E2205007	10	1/4
E2205008	10	3/8
E2205009	10	1/2
E2205010	12	3/8
E2205011	12	1/2
E2205012	14	3/8
E2205013	14	1/2
E2205014	15	3/8
E2205016	15	1/2
E2205015	16	1/2



" T " MACHO 238		
CODIGO	TUBO Ø EXT.	ROSCA
E2207001	4	1/8
E2207002	6	1/8
E2207003	6	1/4
E2207004	8	1/8
E2207005	8	1/4
E2207006	8	3/8
E2207007	10	1/4
E2207008	10	3/8
E2207010	12	3/8
E2207011	12	1/2
E2207012	15	1/2



ADAPTADOR MACHO 1353		
CODIGO	TUBO Ø EXT.	ROSCA
E13530614	6	1/4
E13530814	8	1/4
E13530838	8	3/8
E13531014	10	1/4



LIG. BICONE MANGUEIRA 1354		
CODIGO	BICONE	MANG.
E13540607	6	7
E13540807	8	7
E13540810	8	10
E13540812	8	12
E13541007	10	7
E13541010	10	10
E13541210	12	10
E13541213	12	13
E13541215	12	15



BICONE 246	
CODIGO	TUBO Ø EXT.
E2211001	4
E2211002	5
E2211003	6
E2211004	8
E2211005	10
E2211006	12
E2211007	14
E2211008	15
E2211009	16
E2211010	18



BICONE CAMISA 247	
CODIGO	TUBO Ø EXT.
E2212000	4
E2212000/1	5
E2212001	6
E2212002	8
E2212003	10
E2212004	12/9
E2212005	12/10
E2212006	14
E2212007	15
E2212007/1	16
E2212008	18

ACESSÓRIOS DE BOQUILHA



BOQUILHA 150	
CODIGO	TUBO
E1502M5	4/2 - M5
E1503M5	5/3 - M5
E1504M5	6/4 - M5
E1506M5	8/6 - M5
E150022	4/2 - 4/2
E150033	5/3 - 5/3
E150044	6/4 - 6/4
E150064	8/6 - 6/4
E150066	8/6 - 8/6



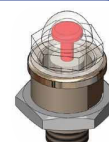
T BOQUILHA 152	
CODIGO	TUBO
E152302	4/2
E152303	5/3
E152304	6/4
E152306	8/6



CURVA BOQUILHA 151	
CODIGO	TUBO
E151302	4/2
E151303	5/3
E151304	6/4
E151306	8/6



Indicador de presença de pressão
Vermelho=10.058.04/R
Amarelo=10.058.04/G
Verde=10.058.04/V
Azul=10.058.04/B



EM INOX SOB CONSULTA

ACESSÓRIOS DE APERTO MECÂNICO EM LATÃO NIQUELADO



DIREITO MACHO 341		
CODIGO	TUBO Ø EXT.	ROSCA
E2351000/1	4	M5
E2351000	5	M5
E2351001	5	1/8
E2351002	6	M5
E2351003	6	1/8
E2351004	6	1/4
E2351013	6	1/2
E2351005	8	1/8
E2351006	8	1/4
E2351007	8	3/8
E2351007/1	8	1/2
E2351008	10	1/4
E2351009	10	3/8
E2351010	10	1/2
E2351011	12	3/8
E2351012	12	1/2



DIREITO FEMEA 343		
CODIGO	TUBO Ø EXT.	ROSCA
E2302001	6	1/8
E2302002	6	1/4
E2302004	8	1/8
E2302005	8	1/4
E2302008	10	1/4



UNIÃO TUBO/TUBO 344	
CODIGO	TUBO Ø EXT.
E2303000	4
E2303001	6
E2303002	8



MOLA PARA TUBO ESPIRAL 171	
CODIGO	TUBO Ø EXT.
E171064	6
E171086	8
E171108	10
E1711210	12



DIREITO "M" TUBO ESPIRAL 502		
CODIGO	TUBO Ø EXT.	ROSCA
E2501009	6	1/8
E2501010	6	1/4
E2501011	8	1/4
E2501011/2	8	1/2
E2501012	10	1/4
E2501013	10	3/8
E2501014	10	1/2
E2501015	12	3/8
E2501016	12	1/2



BANJO SIMPLES 356		
CODIGO	TUBO Ø EXT.	ROSCA
E2405001	5	M5
E2405002	5	1/8
E2405003	6	M5
E2405005	6	1/8
E2405006	6	1/4
E2405007	6	3/8
E2405008	8	1/8
E2405009	8	3/8
E2405010	10	1/4
E2405011	10	3/8
E2405012	10	1/2
E2405013	12	3/8
E2405014	12	1/2



CURVA MACHO 346		
CODIGO	TUBO Ø EXT.	ROSCA
E2305000	5	1/8
E2305001	6	1/8
E2305002	6	1/4
E2305003	8	1/8
E2305004	8	1/4
E2305005	8	3/8
E2305011	8	1/2
E2305012	10	1/4
E2305007	10	3/8
E2305008	10	1/2
E2305009	12	3/8
E2305010	12	1/2



"T" TUBO/TUBO 353	
CODIGO	TUBO Ø EXT.
E2309000	5
E2309001	6
E2309002	8
E2309003	10
E2309004	12



BANJO DUPLO 357		
CODIGO	TUBO Ø EXT.	ROSCA
E2406001	4	M5
E2406002	6	1/4
E2406003	6	3/8
E2406004	8	1/8
E2406005	8	1/4
E2406006	8	3/8
E2406007	12	3/8



CURVA TUBO/TUBO 348	
CODIGO	TUBO Ø EXT.
E2306000	4
E2306001	5
E2306002	6
E2306003	8
E2306004	10
E2306005	12



"T" MACHO 350		
CODIGO	TUBO Ø EXT.	ROSCA
E2307000	4	1/8
E2307001	6	1/8
E2307002	6	1/4
E2307003	8	1/8
E2307004	8	1/4
E2307005	8	3/8
E2307006	10	1/4
E2307007	10	3/8
E2307008	10	1/2
E2307009	12	3/8
E2307010	12	1/2



CRUZETA 354	
CODIGO	TUBO Ø EXT.
E2311001	6
E2311002	8
E2311003	10

ACESSÓRIOS ENCAIXE TIPO BAIONETA



ACESSÓRIO MACHO 1830	
CODIGO	ROSCA
E183018	1/8
E183014	1/4



ACESSÓRIO FEMEA 1831	
CODIGO	ROSCA
E183118	1/8
E183114	1/4



PORCA P/SÉRIE 180	
CODIGO	
E1808	1/4



PONTEIRA P/MANGUEIRA 1832	
CODIGO	Ø
E18327	6 mm
E18329	8 mm
E183210	10 mm
E183212	12 mm



UNIÃO MACHO C/PORCA 1850	
CODIGO	ROSCA
E185014	1/4



UNIÃO FEMEA C/PORCA 1851	
CODIGO	ROSCA
E185114	1/4



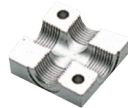
VED. ACESSÓRIO SÉRIE 180	
CODIGO	
E1864	



ACESS. MANGUEIRA 454		
CODIGO	Ø MANG.	ROSCA
E2119001/1	6	1/8
E2119001	7	1/8
E2119002	7	1/4
E2119002/2	7	1/2
E2119003/1	8	1/8
E2119003	9	1/8
E2119004	9	1/4
E2119005	9	3/8
E2119006	9	1/2
E2119005/1	10	3/8
E2119000	10	1/2
E2119007	12	1/4
E2119008	12	3/8
E2119009	12	1/2
E2119010	12	3/4
E2119004/4	13	1/4
E2119005/3	13	3/8
E2119009/1	13	1/2
E2119010/1	13	3/4
E2119011	14	3/8
E2119012	14	1/2
E2119011/1	15	3/8
E2119012/1	15	1/2
E2119013	16	3/8
E2119014	16	1/2
E2119015	16	3/4
E2119016	18	3/8
E2119017	18	1/2
E2119018	18	3/4
E2119019	20	3/8
E2119020	20	1/2
E2119021	20	3/4
E2119022	20	1
E2119023	22	3/4
E2119024	25	3/4
E2119025	25	1
E2119026	30	1
E2119027	30	1 1/4
E2119026/2	32	1
E2119028	35	1 1/4
E2119029	40	1 1/4
E2119030	40	1 1/2
E2119031	45	1 1/2
E2119032	50	1 1/2
E2119033	50	2
E2119034	60	2



ACESS. MANGUEIRA 455		
CODIGO	Ø MANG.	ROSCA
E4550001	7	1/8
E4550002	7	1/4
E4550001/1	8	1/8
E4550003	8	1/4
E4550004	10	1/8
E4550005	10	1/4
E4550006	10	3/8
E4550007	10	1/2
E4550008	12	1/4
E4550009	12	3/8
E4550010	12	1/2
E4550006/3	13	3/8
E4550008/1	13	1/4
E4550010/1	13	1/2
E4550008/2	14	1/4
E4550006/3	15	3/8
E4550010/3	15	3/8



CRUZETA FEMEA 460	
CODIGO	ROSCA
E2121011	1/8
E2121012	1/4
E2121013	3/8
E2121014	1/2



UNIÃO MANGUEIRA	
CODIGO	ROSCA
E2124001	6mm
E2124002	8mm
E2124003	10mm
E2124004	12mm



UNIÃO MANGUEIRA "Y"	
CODIGO	ROSCA
E2123001	6mm
E2121012	8mm
E2121013	10mm
E2121014	12mm



COLETOR DE PARAFUSO		
CODIGO	6+2VIAS	ROSCA
E495140621	215mm	Ø13+1/4
E495180615	155mm	Ø10+1/4



CRUZETA MACHO 6030	
CODIGO	ROSCA
E603018	1/8



"T" MACHO 464	
CODIGO	ROSCA
E2116001	1/8
E2116002	1/4
E2116003	3/8
E2116004	1/2
E2116005	3/4
E2116006	1



"T" MACHO CENTRAL 462	
CODIGO	ROSCA
E2112001	1/8
E2112002	1/4
E2112003	3/8
E2112004	1/2



"T" FEMEA LATERAL 466	
CODIGO	ROSCA
E2113001	1/8
E2113002	1/4
E2113003	3/8
E2113004	1/2



ACESS. MANG. CURVO 3055		
CODIGO	Ø MANG.	ROSCA
E3055718	7	1/8
E3055714	7	1/4
E3055914	9	1/4



"T" FEMEA CENTRAL 463	
CODIGO	ROSCA
E2117001	1/8
E2117002	1/4
E2117003	3/8
E2117004	1/2
E2117005	3/4



"T" MACHO LATERAL 465	
CODIGO	ROSCA
E2118001	1/8
E2118002	1/4
E2118003	3/8
E2118004	1/2
E2118005	3/4
E2118006	1



COLETOR 495		
CODIGO	VIAS	ROSCA
E495140401	7	1/4
E495140501	8	1/4
E4951403	2+3	1/4+1/8
E4951404	2+4	1/4+1/8
E4951405	2+5	1/4+1/8
E4951406	2+6	1/4+1/8
E4951408	2+8	1/4+1/8
E4951410	2+10	1/4+1/8
E4953803	2+3	3/8+1/4
E4953804	2+4	3/8+1/4
E4953805	2+5	3/8+1/4
E4953806	2+6	3/8+1/4
E4953808	2+8	3/8+1/4
E4953810	2+10	3/8+1/4
E4953812	2+12	3/8+1/4
E4951203	2+3	1/2+3/8
E4951204	2+4	1/2+3/8
E4951205	2+5	1/2+3/8
E4951206	2+6	1/2+3/8
E4951212	2+12	1/2+3/8
E4953402	2+2	3/4+1/2
E4953403	2+3	3/4+1/2
E4953404	2+4	3/4+1/2
E4953405	2+5	3/4+1/2
E4953406	2+6	3/4+1/2
E4953407	2+7	3/4+1/2
E4953408	2+8	3/4+1/2
E4923410	2+10	3/4+1/2
E4950104	2+4	1+1/2
E4950105	2+5	1+1/2



COLETOR RÁPIDO 495		
CODIGO	5 VIAS	ROSCA
E4950418	4	1/8
E4950618	6	1/8
E4950614	6	1/4
E4950814	8	1/4



VÁLV. MACHO ESFÉRICO 3 VIAS EM "T" E "T" E 2 VIAS					
CODIGO "T"	CODIGO "T"	ROSCA	CODIGO	CODIGO	ROSCA
E671018	E670018	1/8	-	YPKB6-G01	6/4
E671014	E670014	1/4	-	YPKB6-G02	6/4
E671038	E670038	3/8	-	-	-



VÁLVULA REGULADORA MACHO-FEMEA 473	
CODIGO	ROSCA
E90A1001	1/8
E90A1002	1/4
E90A1003	3/8
E90A1004	1/2



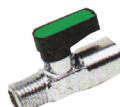
VÁLV. REGULADORA 474	
CODIGO	ROSCA
E90A2001	1/8
E90A2002	1/4
E90A2003	3/8
E90A2004	1/2

PARA PAINEL

CODIGO	ROSCA
E90A3002	1/4
A90A3004	1/2



VÁLV. M. ESFÉR. "F/F" 482	
CODIGO	ROSCA
E4790020	1/8
E4790021	1/4
E4790022	3/8
E4790023	1/2



VÁLV. M. ESFÉR. "M/F" 483	
CODIGO	ROSCA
E4790010	1/8
E4790011	1/4
E4790012	3/8
E4790013	1/2

COLETOR RÁPIDO

ROSCA	ENTRADA	CODIGO	SAIDAS	CODIGO	SAIDAS
1/8	6/4	NHPK6401	4/2	YPKB6-G01	6/4
1/4	6/4	-	-	YPKB6-G02	6/4
1/4	8/6	NHPK8402	6/4	-	-
1/4	8/6	NHPK8602	6/4	YPKB8-G02	8/6
1/4	10/8	NHPK10802	8/6	YPKB10-G02	10/8
3/8	10/8	NHPK10803	8/6	-	-
1/2	12/10	-	-	YPKB12-G02	12/10



CASQUILHO DUPLO 442	
CODIGO	ROSCA
E2101000	M5
E2101002	1/8
E2101006	1/4
E2101009	3/8
E2101011	1/2
E2101013	3/4
E2101015	1
E2101017	1¼
E2101019	1½
E2101022	2



CASQUILHO REDUÇÃO 443	
CODIGO	ROSCA
E2101001	1/8→M5
E2101003	1/8→1/4
E2101004	1/8→3/8
E2101005	1/8→1/2
E2101007	1/4→3/8
E2101008	1/4→1/2
E2101010	3/8→1/2
E2101012	1/2→3/4
E2101014	3/4→1
E2101016	1→1¼
E2101018	1¼→1½
E2101020	1½→2



CASQUILHO "M/F" 445	
CODIGO	ROSCA
E2152001	1/8
E2152004	1/4
E2152007	3/8
E2152009	1/2
E2152011	3/4
REDUÇÕES	
E2152000	M5→1/8
E2152002	1/8→1/4
E2152003	1/8→3/8
E2152005	1/4→3/8
E2152006	1/4→1/2
E2152008	3/8→1/2
E2152010	1/2→3/4

NIQUELADO



CASQ. ORIENTÁVEL "M/F" 445/a	
CODIGO	ROSCA
E2114000	1/8
E2114001	1/4
E2114008	1
REDUÇÕES	
E2114005	3/8→1/2
E2114006	1/2→3/4



TAMPÃO MACHO 452	
CODIGO	ROSCA
E2107000	M5
E2107001	1/8
E2107002	1/4
E2107003	3/8
E2107004	1/2
E2107005	3/4
E2107006	1
E2107009	2



CASQ. DUPLO ORIENTÁVEL 442/A	
CODIGO	ROSCA
E2101000/1	1/8
E2101005/2	1/4
E2101008/3	3/8
E2101010/4	1/2
E2101012/5	3/4
E2101014/6	1



SEDE CONICA 3460	
CODIGO	ROSCA
E2102001	1/2
E2102002	3/4
E2102003	1



UNIÃO 450	
CODIGO	ROSCA
E2103000	M5
E2103001	1/8
E2103002	1/4
E2103003	3/8
E2103004	1/2
E2103005	3/4
E2103006	1
E2103007	1¼
E2103008	1½
E2103009	2



UNIÃO REDUÇÃO 451	
CODIGO	ROSCA
E2106000	M5→1/8
E2106001	1/8→1/4
E2106002	1/8→3/8
E2106003	1/8→1/2
E2106004	1/4→3/8
E2106005	1/4→1/2
E2106006	3/8→1/2
E2106008	1/2→3/4
E2106009	1/2→1
E2106010	3/4→1



TAMPÃO FEMEA 453	
CODIGO	ROSCA
E2108001	1/8
E2108002	1/4
E2108003	3/8
E2108004	1/2
E2108005	3/4
E2108006	1



PASSA PAINEL 446	
CODIGO	ROSCA
E306000	M5-M10X1
E306001	1/8-M16X1.5
E306002	1/4-M20X1.5
E306003	3/8-M26X1.5
E306004	1/2-M26X1.5



EXTENSÃO 447	
CODIGO	ROSCA
E9101400	1/8X22mm
E9101401	1/8x42mm
E9101402	1/8x51mm
E9201400	1/4x35mm
E9201401	1/4x50mm
E9201402	1/4x100mm



PORCA 489	
CODIGO	ROSCA
E4890000	M5
E4890001	1/8
E4890002	1/4
E4890003	3/8
E4890004	1/2
E4890005	3/4
E4890006	1



CURVA MACHO/FEMEA 458	
CODIGO	ROSCA
E2110000	M5
E2110001	1/8
E2110002	1/4
E2110003	3/8
E2110004	1/2
E2110005	3/4
E2110006	1
E2110007	1¼
E2110008	1½
E2110009	2



"Y" 487	
CODIGO	ROSCA
E2122006	1/8
E2122007	1/4
E2122008	3/8
E2122009	1/2
E6010004	1/2 "F"



CURVA FEMEA/FEMEA 456	
CODIGO	ROSCA
E2109001	1/8
E2109002	1/4
E2109003	3/8
E2109004	1/2
E2109005	3/4
E2109006	1
E2109007	1¼
E2109008	1½
E2109009	2



FLANGEADO 90° "F" 456/A	
CODIGO	ROSCA
E2109000	1/2 F
E2109000/1	1/2 MF
E2109000/2	3/4 MF



CURVA MACHO/MACHO 459	
CODIGO	ROSCA
E2115001	1/8
E2115002	1/4
E2115003	3/8
E2115004	1/2
E2115005	3/4
E2115006	1



PORCA REDUÇÃO 449	
CODIGO	ROSCA
E2151000	1/8→M5
E2151001	1/4→1/8
E2151002	3/8→1/8
E2151003	3/8→1/4
E2151004	1/2→1/8
E2151005	1/2→1/4
E2151006	1/2→3/8
E2151007	3/4→1/4
E2151008	3/4→3/8
E2151009	3/4→1/2
E2151010	1→3/8
E2151011	1¼→1/2
E2151012	1→3/4
E2151013	1¼→1/2
E2151014	1¼→3/4
E2151015	1¼→1
E2151015/1	1½→1/2
E2151016	1½→3/4
E2151017	1½→1
E2151018	1½→1¼
E2151019	2→1/2
E2151020	2→3/4
E2151021	2→1
E2151022	2→1¼
E2151023	2→1½

ACESSÓRIOS ACOPLAMENTO MECÂNICO

MODELOS CAMLOCK EM INOX AISI 316



ROSCA	TIPO A CODIGO	TIPO B CODIGO	TIPO C CODIGO	TIPO D CODIGO	TIPO E CODIGO	TIPO F CODIGO	TIPO DC CODIGO	TIPO DP CODIGO	JUNTAS VITON EPDM
1/2	AI0013	BI0013	CI0013	DI0013	EI0013	FI0013	DCI0013	DPI0013	JCV013 JCE013
3/4	AI0014	BI0014	CI0014	DI0014	EI0014	FI0014	DCI0014	DCI0014	JCV014 JCE014
1	AI0015	BI0015	CI0015	DI0015	EI0015	FI0015	DCI0015	DCI0015	JCV015 JCE015
1¼	AI0016	BI0016	CI0016	DI0016	EI0016	FI0016	DCI0016	DCI0016	JCV016 JCE016
1½	AI0017	BI0017	CI0017	DI0017	EI0017	FI0017	DCI0017	DCI0017	JCV017 JCE017
2	AI0018	BI0018	CI0018	DI0018	EI0018	FI0018	DCI0018	DCI0018	JCV018 JCE018
2½	AI0020	BI0020	CI0020	DI0020	EI0020	FI0020	DCI0020	DCI0020	JCV020 JCE020
3	AI0021	BI0021	CI0021	DI0021	EI0021	FI0021	DCI0021	DPI0021	JCV021 JCE021

ROSCAS DE 1/2" ATÉ 8" - ALUMINIO - BRONZE - POLIPROPILENO - SOB ENCOMENDA

MODELOS GUILLEMIN

MODELOS STORZ



SOB ENCOMENDA

ENCAIXE E ORELHAS

LATÃO OU AÇO				
MANGUEIRAS	MACHOS	FEMEAS	PONTEIRA	VEDANTE
E330213 - 13 mm	E330112 - 1/2	E330038 - 3/8	E440 - 20 mm	E9340001
E330215 - 15 mm	E330134 - 3/4	E330012 - 1/2	E441 - 25 mm	
E330218 - 18 mm	E330101 - 1	E330034 - 3/4		
E330220 - 20 mm	E33010114 - 1¼	E330001 - 1		
E330225 - 25 mm	E33010112 - 1½	E3300112 - 1½		
E330232 - 32 mm				
E330234 - 34 mm				
E330238 - 38 mm				
E330242 - 42 mm				

SILENCIADORES

BRONZE	PVC	ROSCA
E90A6001	E90A5001	M5
E90A6002	E90A5002	1/8
E90A6003	E90A5003	1/4
E90A6004	E90A5004	3/8
E90A6005	E90A5005	1/2
E90A6006	-	3/4
E90A6007	-	1
E90A6008	-	1¼
E90A6009	-	1½
E90A6010	-	2

BRONZE



PVC



VÁLVULAS MACHO ESFÉRICO LATÃO

3 VIAS "L" OU "T" 607	CUNHA 605	BORBOLETA F/F - PN16	P/ACTUADOR	MANIPULO LONGO
"L" "T" Ø	CODIGO Ø	CODIGO DN	CODIGO Ø	FEMEA 606 M/F 4330 Ø
E5311001 --- 1/4	E2000001 1/4	E1905050 50	E4500012 1/2	E4170014 E4330014 1/4
E5311002 --- 3/8	E2000002 3/8	E1905065 65	E4500034 3/4	E4170038 E4330038 3/8
E5311003 E5310012 1/2	E2000003 1/2	E1905080 80	E4500001 1	E4170012 E4330012 1/2
E5311004 E5310034 3/4	E2000004 3/4	E1905100 100	E4500114 1¼	E4170034 E4330034 3/4
E5311005 E5310001 1	E2000005 1	E1905125 125	E4500112 1½	E4170001 E4330001 1
E5311006 -- 1¼	E2000006 1¼	E1905150 150		E4170114 E4330114 1¼
E5311007 E5310112 1½	E2000007 1½	DISCO EM INOX OU EPDM		E4170112 E4330112 1½
E5311008 E5310002 2				E4170002 E4330002 2

TORNEIRA BIDONS	MANIPULO "T" 114	MANIPULO "T" 098	FILTRO DE LINHA-LATÃO	SISTEMA DE BLOQUEIO 1084
CODIGO Ø	M/F Ø	P/COLETOR Ø	CODIGO Ø	
E5600038 3/8	E1140014 1/4	E0980001 1/2	E2500001 1/4	
E5600012 1/2	E1140012 1/2	E0980002 3/4	E2500002 3/8	
E5600034 3/4	E1140034 3/4	E0980003 1	E2500003 1/2	
E5600001 1	E1140001 1	E0980004 1¼	E2500004 3/4	
			E2500005 1	
			E2500006 1¼	
			E2500007 1½	
			E2500008 2	

LIGAÇÕES RÁPIDAS MINIATURA DN 2.5

CODIGO	ROSCA	MACHO 101	CODIGO	ROSCA	MACHO 201
E10118	1/8"		E20118	1/8"	
TOMADA FÊMEA 102			PONTEIRA FÊMEA 202		
E10218	1/8"		E10218	1/8"	
TOMADA MANGUEIRA 105			PONTEIRA MANGUEIRA 205		
E10506	Ø6mm		E2054	Ø4mm	
			E2056	Ø6mm	

LIGAÇÕES RÁPIDAS MIGNON MINI DN 5

CODIGO	ROSCA	MACHO 111	CODIGO	ROSCA	MACHO 211
E11118	1/8"		E21118	1/8"	
E11114	1/4"		E21114	1/4"	
TOMADA FÊMEA 112			TOMADA ANTI-RETORNO 182		
E11218	1/8"		E18214	1/4"	
E11214	1/4"				
TOMADA MANGUEIRA 115			PONTEIRA MANGUEIRA 215		
E11506	Ø6mm		E2156	Ø6mm	
E11508	Ø8mm		E2158	Ø8mm	

LIGAÇÕES RÁPIDAS STANDARD DN 7.5

INTERMUTÁVEIS COM 14 MARCAS

CODIGO	ROSCA	MACHO 161	CODIGO	ROSCA	MACHO 261
E16114	1/4"		E26114	1/4"	
E16138	3/8"		E26114A	1/4" Aço	
E16112	1/2"		E26138	3/8"	
TOMADA FÊMEA 162			E26138A	3/8" Aço	
E16214	1/4"		E26112	1/2"	
E16238	3/8"		E26112A	1/2" Aço	
E16212	1/2"		TOMADA ROTATIVA MACHO 702G		
TOM. APERTO MEC.C/MOLA 163			J702G	1/4" Aço	
E16364	6/4		TOMADA FÊMEA 262		
E16386	8/6		E26214	1/4"	
E163108	10/8		E26214A	1/4" Aço	
E1631210	12/10		E26238	3/8"	
TOM. C/ACCESS. APERTO MEC. 164			E26212	1/2"	
E16464	6/4		E26212A	1/2" Aço	
E16486	8/6		TOM. APERTO MEC.C/MOLA 263		
E164108	10/8		E26364	6/4	
E1641210	12/10		E26386	8/6	
TOM. APERTO MEC.C/MOLA 165			E263108	10/8	
E1656	Ø6mm		E2631210	12/10	
E1658	Ø8mm		PONTEIRA APERTO MEC. 264		
E16510	Ø10mm		E26406	6/4	
E16512	Ø12mm		E26408	8/6	
CODIGO ROSCA P.MANG. 265			E26410	10/8	
E2656	Ø6mm		CODIGO ROSCA T.M.SEGUR. 661		
E2658	Ø8mm		E66114	1/4"	
E26510	Ø10mm		E66112	1/2"	
E26512	Ø12mm		TOM. FÊMEA C/SEGURANÇA 662		
E26506A	Ø6mm		E66212	1/2"	
E26508A	Ø8mm				
E26510A	Ø10mm				
E26512A	Ø12mm				
PONT. P/PORCA ENCAIXE 267					
E26701	Ø15mm				
FÊMEA ANTI-RETORNO 268					
E26814	1/4"				

LIGAÇÕES RÁPIDAS UNIVERSAIS DN 5.5

CODIGO	ROSCA	MACHO 191	CODIGO	ROSCA	MACHO 271
E19114	1/4"		E27114	1/4"	
E19112	1/2"		E27114A	1/4 Aço	
TOMADA FÊMEA 192			PONTEIRA FÊMEA 272		
E19214	1/4"		E27214	1/4"	
E19212	1/2"		E27214A	1/4 Aço	
			PONTEIRA MANGUEIRA 275		
			E27506	Ø6mm	
			E27508	Ø8mm	
			E27510	Ø10mm	

LIGAÇÃO GIRATÓRIA

PONTEIRA / ROSCA	CODIGO	Ø
OE25500011	1/8 M	
OE25500012	1/4 M	
OE25500016	1/4 F	
TOMADA RÁPIDA		
OE20500307	1/4 F	
OE20500316	1/2 M	
PONTEIRA/MANG.		
OE25500020	8mm	
OE25500116	13mm	

LIGAÇÕES RÁPIDAS JAPONESAS PN 25BAR

CODIGO	ROSCA	MACHO 401	CODIGO	ROSCA	FÊMEA 502
E40114	1/4"		E50214	1/4"	
E40138	3/8"		E50238	3/8"	
E40112	1/2"		E50212	1/2"	
TOMADA FÊMEA 402			PONTEIRA MANGUEIRA 505		
E40214	1/4"		E50514	1/4"	
E40238	3/8"		E50538	3/8"	
E40212	1/2"		E50512	1/2"	
PONTEIRA MACHO 501					
E50114	1/4"				
E50138	3/8"				
E50112	1/2"				

LIGAÇÕES RÁPIDAS GRANDE CAUDAL DN 9

CODIGO	ROSCA	MACHO 131	CODIGO	ROSCA	MACHO 231
E13112	1/2"		E23138	3/8"	
E13212	1/2"		E23112	1/2"	
TOMADA FÊMEA 132			PONTEIRA FÊMEA 232		
E13212	1/2"		E23212	1/2"	
TOMADA MANGUEIRA 135			PONTEIRA MANGUEIRA 235		
E13508	Ø8mm		E23508	Ø8mm	
E13510	Ø10mm		E23510	Ø10mm	
E13512	Ø12mm		E23512	Ø12mm	

SERIE ARREFECIMENTO DE MOLDES
SOB ENCOMENDA



SÉRIE PESADA DN19 ISO 4414

TIPO	ZINCADO	INOX	Rosca
TOMADA	601	601R	3/4"
	600	600R	1"
MACHO	601/1	601/1R	3/4"
	610	610R	1"
FÊMEA	615	615R	1"
	614	613R	19mm
	-	612R	25mm



LIGAÇÕES RÁPIDAS EM PLÁSTICO/INOX

TOMADA RÁPIDA MACHO
S1A20SM-1/4"
S1A30SM-3/8"

TOMADA RÁPIDA MANG.
S1A20SF-1/4"

TOMADA RÁPIDA MANG.
S1A20SH-6mm
S1A30SH-10mm

TOMADA RÁPIDA TUBO
S1A20SP-8mm
S1A30SP-10mm
S1A40SP-12mm

TOMADA RÁPIDA FÊMEA
400TSFS-1/2"
INOX

BICO RÁPIDO MACHO
S1A20PM-1/4"
S1A30PM-3/8"

BICO RÁPIDO FÊMEA
S1A20PF-1/4"

BICO RÁPIDO MANG.
S1A20PH-6mm
S1A30PH-10mm

BICO RÁPIDO TUBO
S1A20PP-8mm
S1A30PP-10mm
S1A40PP-12mm

BICO RÁPIDO FÊMEA
400TPFS-1/2"
INOX

ACESSÓRIOS PARA ÁGUA

CÓDIGO	Ø EXT.	ROSCA
E6100012	12	1/2"
E6100014	14	1/2"
E6100015	15	1/2"
E6100016	16	1/2"
E6100018	18	1/2"

CÓDIGO	Ø EXT.	ROSCA
E6180001	12	3/8"
E6180002	12	1/2"
E6180003	14	1/2"
E6180004	15	1/2"
E6180005	16	1/2"
E6180006	18	1/2"

CÓDIGO	Ø EXT.
E6200012	12
E6200014	14
E6200015	15
E6200016	16
E6200018	18

CÓDIGO	Ø EXT.
E6300012	12x12x12
E6300014	14x14x14
E6300015	15x15x15
E6300016	16x16x16
E6300018	18x18x18

CÓDIGO	Ø EXT.
E6500012	12
E6500014	14
E6500015	15
E6500016	16
E6500018	18

CLIP DESCONECTOR
E671+Ø

CORTA TUBOS
E575

CORTA TUBOS
E675

ESCARADOR
E680

TAMPÃO 625

CURVA MACHO 640

CURVA FLANGEADA 648

CURVA FÊMEA 645

"T" FÊMEA 635

FILTRO DE REDE
E90019+ROSCA
3/8" A 2"

REDUTOR DE PRESSÃO
I143+ROSCA
1/2" A 2"

PURGADOR DO AR
I362+ROSCA
3/8" A 1"

ANTI-RETORNO
(2280)+ROSCA
3/8" A 4"

VÁLVULA DE FUNDO
E235000+ROSCA
1/2" A 4"

FILTRO DE LIMPEZA
I189+ROSCA
1/2" A 2"

REDUTOR DE PRESSÃO
I360+ROSCA
1/2" E 3/4"

FILTROS ÁGUA

SERIE	Ø FURO/TOPOS	Nº FUROS-1/2"
850/38mm	3/4"	2 a 10
	1"	2 a 12
850/50mm	3/4"	2 a 10
	1"	2 a 12
	1 1/4"	2 a 12
860/50mm 2 Lados	1"	2 a 12
	1 1/4"	2 a 12

SISTEMA MULTI-FITTING PARA ÁGUA

ÁGUA E AQUECIMENTO

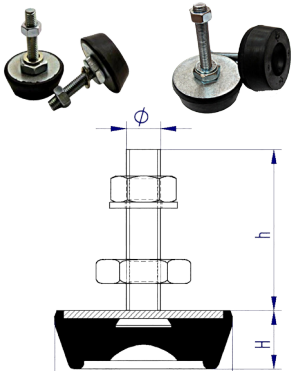
REVERSÍVEL

S/FERRAMENTAS

SEM ESCAREAR

INSTALAÇÃO C/CHAVE

APOIOS ANTI-VIBRATÓRIOS

SÉRIE BAIXA						SÉRIE ALTA						
MODELO	CARGA (Kg)	D (mm)	H (mm)	h (mm)	Ø		MODELO	CARGA (Kg)	D (mm)	H (mm)	h (mm)	Ø
EGA3000B	0-60	42	15	37	M8		EGA000	0-80	40	23	48	M8
EGA300B	30-100	63	18	83	M10		EGA00	50-120	83	25	60	M10
EGA30B	80-150	70	22	90	M12		EGA0	80-150	90	30	75	M12
EGA31B	100-350	90	26	90	M12		EGA1	120-300	90	33	90	M12
EGA32B	300-600	108	30	110	M16		EGA2	250-500	110	38	115	M16
EGA33B	500-900	127	34	110	M16		EGA3	400-800	110	45	125	M16
EGA34B	800-1500	150	38	110	M16		EGA4	600-1100	110	55	150	M16
EGA35B	1300-2000	170	42	110	M16	EGA5	1000-1600	110	57	170	M16	

CINOBLOCOS

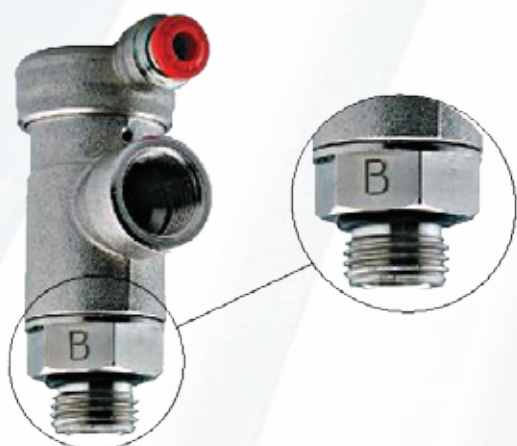
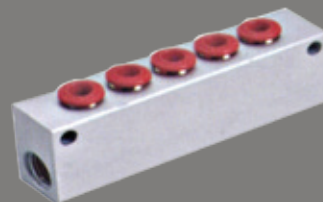
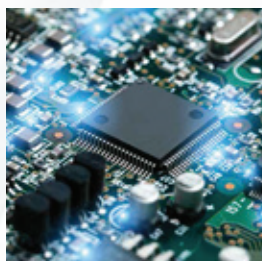
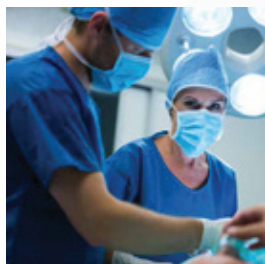
MACHO/MACHO			MACHO			MACHO/FÊMEA			FÊMEA/FÊMEA			FÊMEA		
CÓDIGO	ROSCA	KG	CÓDIGO	ROSCA	KG	CÓDIGO	ROSCA	KG	CÓDIGO	ROSCA	KG	CÓDIGO	ROSCA	KG
AP901615	M4	20	EGATS1010	M4	10	EGATH2015	M6	25	EGAH2015	M6	25	EGAHS1608	M5	15
AP902020	M6	25	EGATS1608	M4/M5	15	EGATH2020	M6	20	EGAH2020	M6	25	EGAHS2015	M6	25
AP902025	M6	25	EGATS1615	M4/M5	20	EGATH2025	M6	25	EGAH2025	M6	25	EGAHS2020	M6	25
AP902030	M6	25	EGATS2010	M6	25	EGATH2520	M8	50	EGAH2520	M8	50	EGAHS2025	M6	25
AP902525	M6	40	EGATS2015	M6	25	EGATH2525	M6	25	EGAH2525	M6	40	EGAHS2030	M6	25
AP902530	M8	40	EGATS2025	M6	25	EGATH2520	M8	50	EGAH2530	M8	35	EGAHS2520	M8	50
AP903020	M8	80	EGATS2520	M8	35	EGATH2525	M8	60	EGAH3020	M8	80	EGAHS2525	M8	40
AP903030	M8	80	EGATS2530	M8	35	EGATH2526	M8	60	EGAH3030	M8	80	EGAHS2530	M6	35
AP904025	M8	155	EGATS3030	M8	80	EGATH3030	M8	80	EGAH4020	M10	160	EGAHS3020	M8	90
AP904030	M8	150	EGATS3035	M8	80	EGATH4020	M10	160	EGAH4025	M10	155	EGAHS3025	M8	85
AP904045	M8	120	EGATS4040	M8	160	EGATH10040	M16	1200	EGAH4030	M10	150	EGAHS3030	M8	80
AP904040	M10	120	EGATS4020	M10	120				EGAH4040	M10	120	EGAHS4020	M10	160
AP905030	M10	220	EGATS4045	M10	110				EGAH5020	M10	250	EGAHS4030	M10	150
AP905040	M10	220	EGATS5050	M10	200				EGAH5040	M10	220	EGAHS4040	M10	120
AP907550	M12	450							EGAH5050	M10	200	EGAHS5025	M10	250
AP907555	M12	450							EGAH6060	M10	250	EGAHS5050	M10	200
									EGAH7070	M10	300			
									EGAH7555	M12	450			

TAPETE BORRACHA		ANTI-DERRAPANTES	
CÓDIGO	DIMENSÕES		
A-300	300x300x10		
AL-50	400x400x12		
ADS-50	400x400x14		
ADD-50	400x400x17		

GRAMPOS DE FIXAÇÃO

HORIZONTAL	VERTICAL	PNEUMÁTICOS	GANCHO	PUXA/EMPURRA	PRESILHAS	BANCADA	ALICATES
 901 077 963	 801 291	 042P 802P	 731 711	 031 PK700	 GV BAN700	 BSN MS90	 CR25 RS

TEMOS SOLUÇÕES CERTIFICADAS PARA TODAS AS INDÚSTRIAS



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