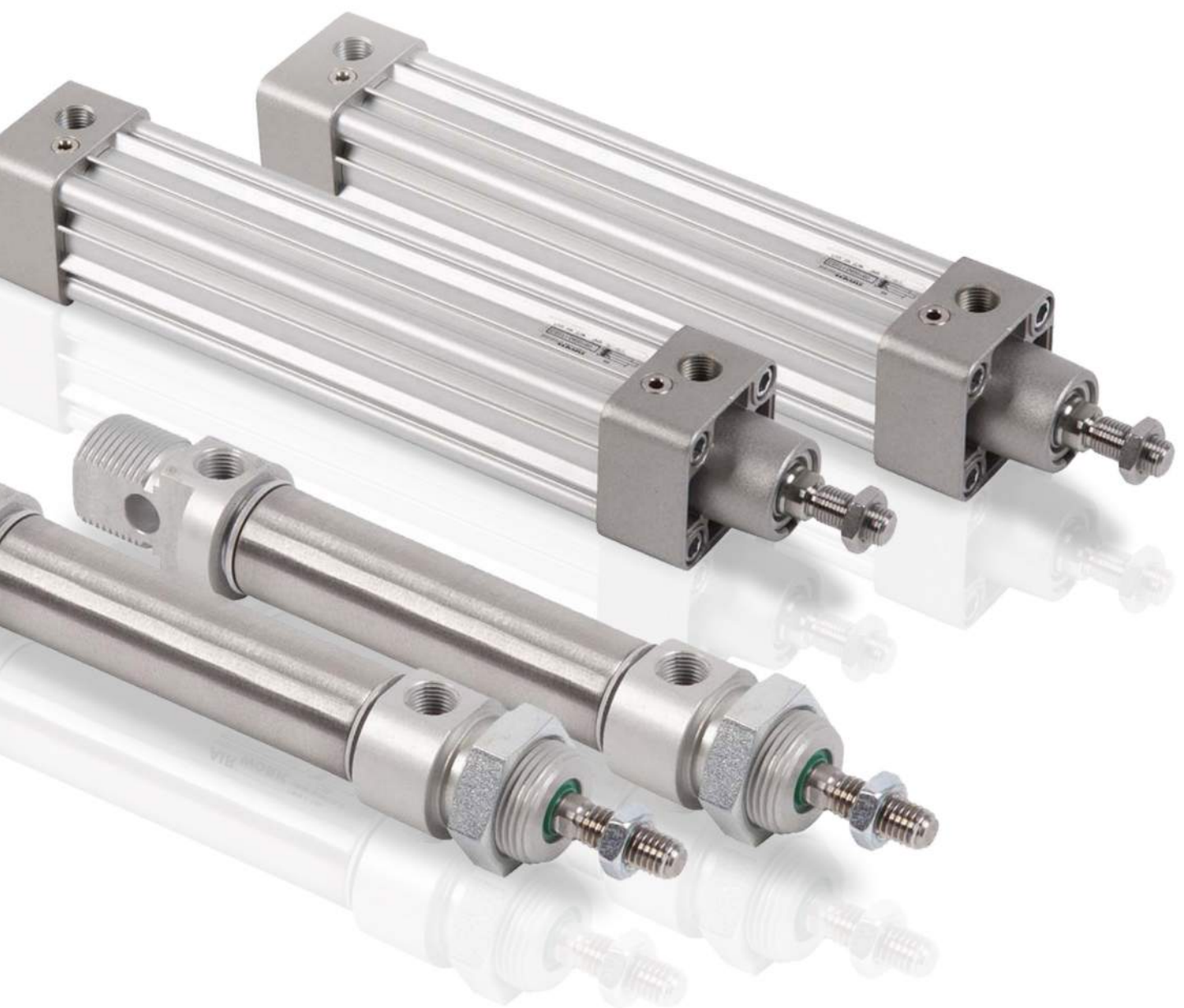


PNEUMÁTICA

PNEUMATIC



barboflex[®]
flexible solutions



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PNEUMÁTICA

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RILSAN POLIAMIDA

POLYAMIDE



Cores • Colors

Ex. 11PA1012B (Neutro • Neutral)

B - Neutro • Neutral
 A - Azul • Blue
 P - Preto • Black
 V - Vermelho • Red
 AM - Amarelo • Yellow

REF.	ØD INTERNO ØD INTERNAL	ØD EXTERNO ØD EXTERNAL	PRESSÃO SERV. WORKING PRESSURE	TEMP(C°)
11PA.0204_	2	4	44 bar	-40°C / +80°C
11PA.0305_	3	5	33 bar	-40°C / +80°C
11PA.0406_	4	6	28 bar	-40°C / +80°C
11PA.0608_	6	8	20 bar	-40°C / +80°C
11PA.0609_	6	9	28 bar	-40°C / +80°C
11PA.0810_	8	10	16 bar	-40°C / +80°C
11PA.0811_	8	11	21 bar	-40°C / +80°C
11PA.0912_	9	12	20 bar	-40°C / +80°C
11PA.1012_	10	12	12 bar	-40°C / +80°C
11PA.1014_	10	14	23 bar	-40°C / +80°C
11PA.1214_	12	14	10 bar	-40°C / +80°C
11PA.1215_	12	15	16 bar	-40°C / +80°C
11PA.1416_	14	16	9 bar	-40°C / +80°C

POLIURETANO SH98

POLYURETANE SH98



Cores • Colors

Ex. B10.A0608 (Azul • Blue)

B - Neutro • Neutral
 A - Azul • Blue
 P - Preto • Black
 V - Vermelho • Red
 AM - Amarelo • Yellow

REF.	ØD INTERNO ØD INTERNAL	ØD EXTERNO ØD EXTERNAL	PRESSÃO SERV. WORKING PRESSURE	TEMP(C°)
B10_0204	2	4	19 bar	-20°C / +60°C
B10_02504	2,5	4	13 bar	-20°C / +60°C
B10_0406	4	6	13 bar	-20°C / +60°C
B10_0503	3	5	15 bar	-20°C / +60°C
B10_0508	5	8	17 bar	-20°C / +60°C
B10_05508	5,5	8	12 bar	-20°C / +60°C
B10_0608	6	8	9 bar	-20°C / +60°C
B10_06508	6,5	8	10 bar	-20°C / +60°C
B10_07510	7,5	10	9 bar	-20°C / +60°C
B10_0812	8	12	9 bar	-20°C / +60°C
B10_0912	9	12	8 bar	-20°C / +60°C
11PT.1014_	10	14	8 bar	-20°C / +60°C
11PA.1416_	14	16	8 bar	-20°C / +60°C

POLIETILENO PE POLYETHYLENE PE



Cores • Colors

Ex. B10.A0608 (Azul • Blue)

B - Neutro • Neutral
A - Azul • Blue
P - Preto • Black
V - Vermelho • Red
AM - Amarelo • Yellow

REF.	ØD INTERNO ØD INTERNAL	ØD EXTERNO ØD EXTERNAL	PRESSÃO SERV. WORKING PRESSURE	TEMP(C°)
11PE.0204_	2	4	21 bar	-0°C / +40°C
11PE.0305_	3	5	17 bar	-0°C / +40°C
11PE.0406_	4	6	13 bar	-0°C / +40°C
11PE.0608_	6	8	10 bar	-0°C / +40°C
11PE.0609_	6	9	9 bar	-0°C / +40°C
11PE.0810_	8	10	7 bar	-0°C / +40°C
11PE.0811_	8	11	11 bar	-0°C / +40°C
11PE.0912_	9	12	10 bar	-0°C / +40°C
11PE.1012_	10	12	7 bar	-0°C / +40°C
11PE.1014_	10	14	11 bar	-0°C / +40°C
11PE.1214_	12	14	5 bar	-0°C / +40°C
11PE.1215_	12	15	8 bar	-0°C / +40°C
11PE.1416_	14	16	4 bar	-0°C / +40°C

TUBO PTFE PTFE TUBE



Cores • Colors

Ex. 11PE1012B (Neutro • Neutral)

B - Neutro • Neutral
A - Azul • Blue
P - Preto • Black
V - Vermelho • Red
AM - Amarelo • Yellow

REF.	ØD INTERNO ØD INTERNAL	ØD EXTERNO ØD EXTERNAL	PRESSÃO SERV. WORKING PRESSURE	TEMP(C°)
11PP.0204	2	4	21 bar	-60°C / +260°C
11PP.0305	3	5	17 bar	-60°C / +260°C
11PP.0406	4	6	13 bar	-60°C / +260°C
11PP.0608	6	8	10 bar	-60°C / +260°C
11PP.0810	8	10	7 bar	-60°C / +260°C
11PP.1012	10	12	7 bar	-60°C / +260°C
11PP.1214	12	14	5 bar	-60°C / +260°C
11PP.1315	13	15	8 bar	-60°C / +260°C
11PP.1416	14	16	8 bar	-60°C / +260°C

ESPIRAL POLIURETANO
POLYURETHANE COILED



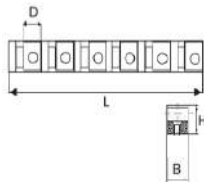
Cores • Colors

Ex. B10.A0608 (Azul • Blue)

B - Neutro • Neutral
A - Azul • Blue
P - Preto • Black
V - Vermelho • Red
AM - Amarelo • Yellow

REF.	ØD INTERNO ØD INTERNAL	ØD EXTERNO ØD EXTERNAL	PRESSÃO SERV. WORKING PRESSURE	TEMP(C°)
B10.4100	4	6	12bar	-20°C / +60°C
B10.41001	4	6	12bar	-20°C / +60°C
B10.41016	5	8	12bar	-20°C / +60°C
B10.4101	5	8	12bar	-20°C / +60°C
B10.4102.2	6	10	12bar	-20°C / +60°C
B10.4102	6	10	12bar	-20°C / +60°C
B10.4107	6,5	10	12bar	-20°C / +60°C
B10.4108	6,5	10	12bar	-20°C / +60°C
B10.41002	6,5	10	12bar	-20°C / +60°C
B10.4103	8	12	12bar	-20°C / +60°C
B10.4104	8	12	12bar	-20°C / +60°C
B10.4110	8	12	12bar	-20°C / +60°C
B10.41044	8	12	12bar	-20°C / +60°C

ABRAÇADEIRA TUBO
ANCHORAGE



REF.	ØD INTERNO ØD INTERNAL	ØD EXTERNO ØD EXTERNAL
KBPA400.04	4	9
KBPA400.06	6	13
KBPA400.08	8	15
KBPA400.10	10	17
KBPA400.12	12	19
KBPA400.15	15	21

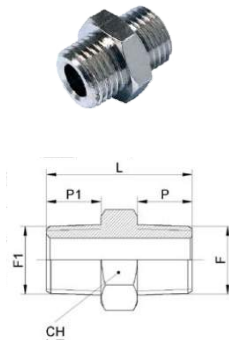


CORTADORA TUBOS
TUBE CUTTER

REF.	MAX.
KBPB600.01	12mm

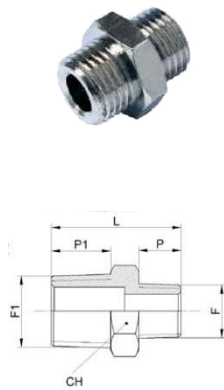
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UNIÃO MACHO NIPPLE



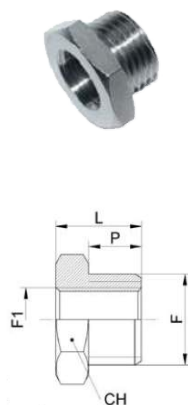
REF.	F	F1	CH	P	P1	L
KBPB402.02	1/8	1/8	12	7,5	7,5	20
KBPB402.04	1/4	1/4	14	10,5	10,5	26
KBPB402.06	3/8	3/8	17	11,5	11,5	28
KBPB402.08	1/2	1/2	22	14	14	33,5
KBPB402.12	3/4	3/4	27	14	14	35
KBPB402.16	1"	1"	34	10	10	46

REDUÇÃO MACHO REDUCING NIPPLE



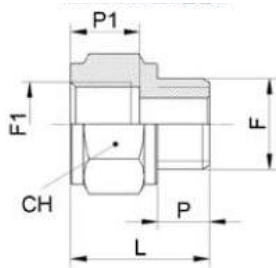
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KBPB404.0204	1/8	1/4	14	7,5	10,5	23
KBPB404.0206	1/8	3/8	17	7,5	11,5	24
KBPB404.0206	1/8	1/2	22	7,5	14,0	27
KBPB404.0406	1/4	3/8	17	11	12	27,0
KBPB404.0408	1/4	1/2	22	12	14	32
KBPB404.0412	1/4	3/4	27	12	14	32
KBPB404.0608	3/8	1/2	22	12	14	32
KBPB404.0612	3/8	3/4	27	11,5	14,0	32
KBPB404.0812	1/2	3/4	27	14,0	14,0	35
KBPB404.1216	3/4	1"	34	16,0	19,0	43

REDUÇÃO MACHO - FÊMEA REDUCING NIPPLE MALE - FEMALE



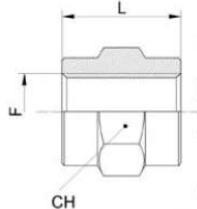
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KBPB409.02M5	1/8	M5	14	6,0	-	11
KBPB409.0402	1/4	1/8	17	8,0	-	13
KBPB409.0602	3/8	1/8	19	9,0	-	14
KBPB409.604	3/8	1/4	19	9	-	14,0
KBPB409.0802	1/2	1/8	24	10	-	16
KBPB409.0804	1/2	1/4	24	10	-	16
KBPB409.0806	1/2	3/8	24	10	-	16
KBPB409.1204	3/4	1/4	30	11,0	-	18
KBPB409.1206	3/4	3/8	30	11,0	-	18
KBPB409.1208	3/4	1/2	30	11,0	-	18

UNIÃO MACHO / FÊMEA REDUCING TAPER



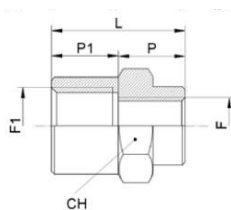
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KBPB406.0202	1/8	1/8	14	6,0	8,0	16
KBPB406.0204	1/8	1/4	17	6,0	12,0	21
KBPB406.0404	1/4	1/4	17	8,0	12,0	23
KBPB406.0206	1/8	3/8	22	6	12	20,5
KBPB406.0406	1/4	3/8	22	8	12	23
KBPB406.0606	3/8	3/8	22	9	12	24
KBPB406.0208	1/8	½	24	7	14	24
KBPB406.0408	1/4	½	24	8,0	14,0	25
KBPB406.0608	3/8	½	24	9,0	14,0	26
KBPB406.0808	½	½	27	10,0	14,0	27
KBPB406.0412	1/4	3/4	30	8,0	14,0	25
KBPB406.0612	3/8	3/4	30	9,0	14,0	26
KBPB406.0812	½	3/4	30	10,0	14,0	27

UNIÃO FÊMEA SLEEVE



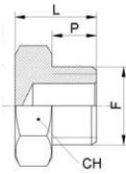
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KBPB411.02	1/8	-	14	-	-	15
KBPB411.04	1/4	-	17	-	-	22
KBPB411.06	3/8	-	22	-	-	24
KBPB411.08	1/2	-	25	-	-	30,0
KBPB411.12	3/4	-	32	-	-	31
KBPB411.16	1"	-	41	-	-	38

REDUÇÃO FÊMEA REDUCING SLEEVE



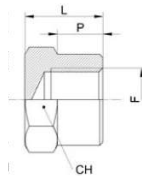
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KBPB410.0204	1/8	1/4	17	8,0	10,0	22
KBPB410.0206	1/8	3/8	22	8,0	12,0	24
KBPB410.0406	1/4	3/8	22	8,0	8,0	23
KBPB410.0208	1/8	½	25	8	12	24,0
KBPB410.0408	1/4	½	25	10	12	24
KBPB410.0608	3/8	½	25	10	12	24
KBPB410.0612	3/8	3/4	32	10	14	30
KBPB410.0812	½	3/4	32	10,0	14,0	30
KBPB410.1216	3/4	1"	41	16,0	19,0	38

TACO MACHO
MALE PLUG



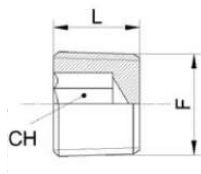
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KBPB412.02	1/8	-	14	9,0	-	12
KBPB412.04	1/4	-	17	10,0	-	14
KBPB412.06	3/8	-	19	11,0	-	15
KBPB412.08	1/2	-	24	12,5	-	16,0

TACO FÊMEA
FEMALE PLUG



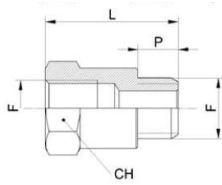
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KBPB414.02	1/8	-	14	9,0	-	12
KBPB414.04	1/4	-	17	10,0	-	14
KBPB414.06	3/8	-	19	11,0	-	15
KBPB414.08	1/2	-	24	12,5	-	16,0

TACO SEM CABEÇA
MALE PLUG



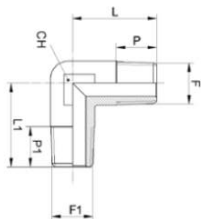
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KBPB413.02	1/8	-	5	-	-	8
KBPB413.04	1/4	-	6	-	-	10
KBPB413.06	3/8	-	8	-	-	11
KBPB413.08	1/2	-	10	-	-	13,0

PROLONGAMENTO
EXTENSION PLUG



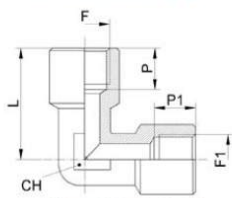
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KBPB407.0216	1/8	-	14	6,0	-	22
KBPB407.0236	1/8	-	14	6,0	-	42
KBPB407.0445	1/4	-	14	6,0	-	51
KBPB407.0427	1/8	-	17	8	-	35,0
KBPB407.0445	1/4	-	17	8,0	-	51

JOELHO MACHO
MALE ELBOW



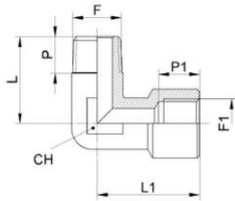
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KBPB417.02	1/8	1/8	10	8,0	8,0	19
KBPB417.04	1/4	1/4	13	11,0	11,0	24
KBPB417.06	3/8	3/8	17	11,5	11,5	26
KBPB417.08	1/2	1/2	21	14	14	31,0
KBPB417.12	3/4	3/4	25	16,0	16,0	33
KBPB417.16	1"	1"	30	17,0	17,0	39

JOELHO FÊMEA
FEMALE ELBOW



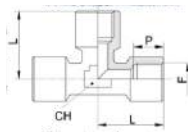
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KBPB418.02	1/8	1/8	10	8,0	8,0	21
KBPB418.04	1/4	1/4	13	11,0	11,0	26
KBPB418.06	3/8	3/8	17	11,5	11,5	28
KBPB418.08	1/2	1/2	21	14	14	33,5
KBPB418.12	3/4	3/4	25	16,0	16,0	37
KBPB418.16	1"	1"	30	17,0	17,0	45

JOELHO MACHO/FÊMEA
MALE/FEMALE ELBOW



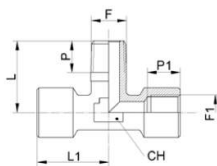
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KBPB415.04	1/4	1/4	13	11	11	26
KBPB415.06	3/8	3/8	17	11,5	11,5	28
KBPB415.08	1/2	1/2	21	14	14	33,5
KBPB415.12	3/4	3/4	25	16	16	37
KBPB415.16	1"	1"	30	17	17	45

TÊ FEMEA
FEMALE TEE



REF.	F	F1	CH	P	P1	L
KBPB424.02	1/8	-	10	8,0	-	21
KBPB424.04	1/4	-	13	11,0	-	26
KBPB424.06	3/8	-	17	11,5	-	28
KBPB424.08	1/2	-	21	14	-	33,5
KBPB424.12	3/4	-	25	16,5	-	37
KBPB424.16	1"	-	30	19,0	-	45

TÊ MACHO CENTRO
MALE-FEMALE TEE



REF.	F	F1	CH	P	P1	L
KBPB420.02	1/8	1/8	14	8	8	21
KBPB420.04	1/4	1/4	17	11	11	26
KBPB420.06	3/8	3/8	17	11,5	11,5	28
KBPB420.08	1/2	1/2	22	14	14	33,5
KBPB420.12	3/4	3/4	22	16,5	16,5	37
KBPB420.16	1"	1"	22	19	19	45

TÊ MACHO LATERAL

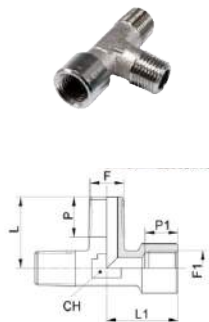
MALE LATERAL TEE



REF.	F	F1	CH	P	P1	L
KBPB422.02	1/8	1/8	10	8,0	8,0	21
KBPB422.04	1/4	1/4	13	11,0	11,0	26
KBPB422.06	3/8	3/8	17	11,5	11,5	28
KBPB422.08	1/2	1/2	21	14	14	33,5
KBPB422.12	3/4	3/4	25	16,5	16,5	37
KBPB422.16	1"	1"	30	19,0	17,5	45

TÊ M.M FÊMEA

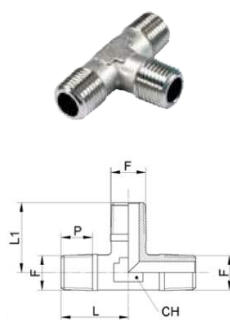
M.M FEMALE TEE



REF.	F	F1	CH	P	P1	L
KBPB423.02	1/8	1/8	10	8,0	8,0	21
KBPB423.04	1/4	1/4	13	11,0	11,0	26
KBPB423.06	3/8	3/8	17	11,5	11,5	28
KBPB423.08	1/2	1/2	21	14	14	33,5
KBPB423.12	3/4	3/4	25	16,5	16,5	37
KBPB423.16	1"	1"	30	19,0	17,5	45

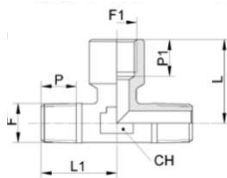
TÊ MACHO

MALE TEE



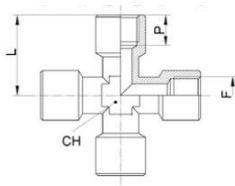
REF.	F	F1	CH	P	P1	L
KBPB421.02	1/8	1/8	10	8,0	8,0	21
KBPB421.04	1/4	1/4	13	11,0	11,0	26
KBPB421.06	3/8	3/8	17	11,5	11,5	28
KBPB421.08	1/2	1/2	21	14	14	33,5
KBPB421.12	3/4	3/4	25	16,5	16,5	37
KBPB421.16	1"	1"	30	17,5	17,5	45

TÊ MACHO/FÊMEA CENTRAL
MALE/FEMALE TEE



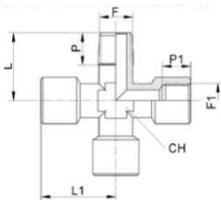
REF.	F	F1	CH	P	P1	L
KBPB419.02	1/8	1/8	10	8,0	8,0	21
KBPB419.04	1/4	1/4	13	11,0	11,0	26
KBPB419.06	3/8	3/8	17	11,5	11,5	28
KBPB419.08	1/2	1/2	21	14	14	33,5
KBPB419.12	3/4	3/4	25	16,5	16,5	37
KBPB419.16	1"	1"	30	17,5	19,0	45

CRUZETA FÊMEA
CROSS FEMALE



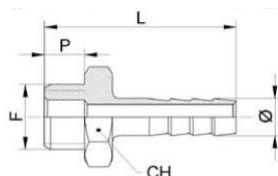
REF.	F	F1	CH	P	P1	L
KBPB427.02	1/8	-	10	8,0	-	21
KBPB427.04	1/4	-	13	11,0	-	26
KBPB427.06	3/8	-	17	11,5	-	28
KBPB427.08	1/2	-	21	14	-	33,5

CRUZETA MACHO / FÊMEA
CROSS MALE/FEMALE



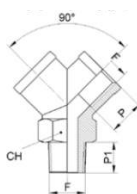
REF.	F	F1	CH	P	P1	L
KBPB428.02	1/8	1/8	10	8,0	8,0	21
KBPB428.04	1/4	1/4	13	11,0	11,0	26
KBPB428.06	3/8	3/8	17	11,5	11,5	28
KBPB428.08	1/2	1/2	21	14	14	33,5

RACORD MACHO MANGUEIRA
MALE HOSE ADAPTER



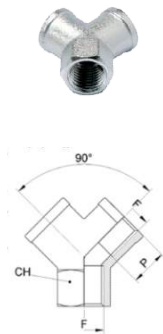
REF.	F	F1	ØD	P	P1	L
KBPB416.0602	1/8	6	12	8,0	-	32
KBPB416.0604	1/4	6	14	11,0	-	35
KBPB416.0702	1/8	7	12	8,0	-	32
KBPB416.0704	1/4	7	14	11	-	35,0
KBPB416.0802	1/8	8	12	8,0	-	32
KBPB416.0804	1/4	8	14	11,0	-	35
KBPB416.0902	1/8	9	12	8,0	-	32
KBPB416.0904	1/4	9	14	11,0	-	35
KBPB416.0906	3/8	9	17	12	-	35,5
KBPB416.0908	1/2	9	22	14,0	-	39
KBPB416.1002	1/8	10	12	8,0	-	33
KBPB416.1004	1/4	10	14	11,0	-	36
KBPB416.1006	3/8	10	17	11,5	-	37
KBPB416.1008	1/2	10	22	14	-	39,5
KBPB416.1204	1/4	12	14	11,0	-	36
KBPB416.1206	3/8	12	17	11,5	-	37
KBPB416.1208	½	12	22	14,0	-	40
KBPB416.1406	3/8	14	17	11,5	-	39
KBPB416.1408	½	14	22	14	-	41,5
KBPB416.1606	3/8	16	17	11,5	-	39
KBPB416.1608	½	16	22	14,0	-	42
KBPB416.1612	3/4	16	27	16,5	-	45

DERIVAÇÃO Y MACHO - FÊMEA Y
MALE Y FEMALE Y



REF.	F	F1	CH	P	P1	L
KBPB425.02	1/8	1/8	13	8,0	8,0	21
KBPB425.04	1/4	1/4	17	11,0	11,0	26
KBPB425.06	3/8	3/8	20	11,5	11,5	28
KBPB425.08	1/2	1/2	25	14	14	33,5

DERIVAÇÃO Y FÊMEA
FEMALE Y



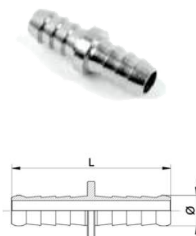
REF.	F	F1	CH	P	P1	L
KBPB426.02	1/8	1/8	13	8,0	8,0	21
KBPB426.04	1/4	1/4	17	11,0	11,0	26
KBPB426.06	3/8	3/8	20	11,5	11,5	28
KBPB426.08	1/2	1/2	25	14	14	33,5

JOELHO M. F. COMPACTO
MALE HOSE ELBOW CONNECTOR



REF.	F	F1	CH	P	P1	L
KBPB429.02	1/8	1/8	14	8,0	-	22
KBPB429.04	1/4	1/4	18	10,0	-	28

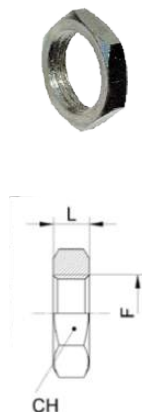
UNIÃO MANGUEIRA
NIPPLE



REF.	F	F1	CH	P	P1	L
KBPB430.04	4	-	-	-	-	30
KBPB430.06	6	-	-	-	-	33
KBPB430.07	7	-	-	-	-	33
KBPB430.08	8	-	-	-	-	32,5
KBPB430.09	9	-	-	-	-	46
KBPB430.10	10	-	-	-	-	46

PORCA

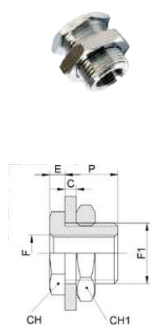
NUT



REF.	F	F1	CH	P	P1	L
KBPB431.02	1/8	-	14	-	-	5
KBPB431.04	1/4	-	17	-	-	5
KBPB431.06	3/8	-	20	-	-	5
KBPB431.08	1/2	-	24	-	-	6,0
KBPB431.16	1"	-	41	-	-	6
KBPB431.101	M10X1	-	14	-	-	5
KBPB431.121	M12X1	-	17	-	-	4,5
KBPB431.141	M14X1	-	17	-	-	5
KBPB431.161	M16X1	-	19	-	-	5
KBPB431.201	M20X1	-	24	-	-	5
KBPB431.221	M22X1	-	25	-	-	5,0
KBPB431.1615	M16X1.5	-	22	-	-	5
KBPB431.1815	M18X1.5	-	22	-	-	5
KBPB431.2015	M20X1.5	-	24	-	-	6
KBPB431.2215	M22X1.5	-	27	-	-	7
KBPB431.2415	M24X1.5	-	30	-	-	7

PASSA PAREDES

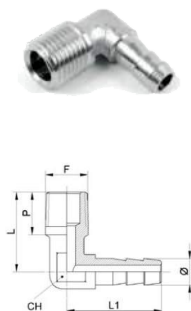
BULKHEAD CONNECTOR



REF.	F	F1	CH	P	P1	L	
KBPB432.M5	M5	M10X1	14	14	10,5	3,5	7
KBPB432.02	1/8	M16X1.5	19	22	14,0	4,0	10
KBPB432.04	1/4	M20X1.5	24	27	21,0	4,0	16
KBPB432.06	3/8	M26X1.5	30	32	21	5	15,0
KBPB432.08	1/2	M28X1.5	32	36	27,0	6,0	21
KBPB432.12	3/4	M35X1.5	38	45	30,0	7,0	22

JOELHO MACHO TUBO

MALE HOSE ELBOW CONNECTOR



REF.	F	F1	CH	P	P1	L
KBPB433.0206	1/8	6	9	9,0	-	22
KBPB433.0207	1/8	7	10	9,0	-	23
KBPB433.0208	1/8	8	10	8,0	-	23
KBPB433.0209	1/8	9	11	8	-	24,0
KBPB433.0210	1/8	10	13	8,0	-	25
KBPB433.0406	1/4	6	10	11,0	-	23
KBPB433.0407	1/4	7	10	11,0	-	23
KBPB433.0408	1/4	8	10	11,0	-	23
KBPB433.0409	1/4	9	11	11,0	-	24
KBPB433.0410	1/4	10	14	11,0	-	27
KBPB433.0412	1/4	12	14	11	-	27,0

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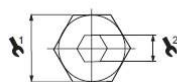
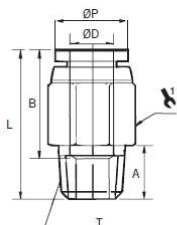
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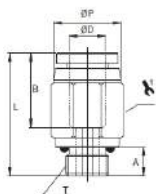
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UNION CONNECTOR // INCHS	
REDUCING // INCHS	
ELBOW // INCHS	

UNIÃO MACHO CÔNICA STRAIGHT MALE TAPER



REF.	ØD	FT1	1	CH	2	AP	PB1	L
KBPA132.0418	4	1/8	12	3	7,5	14,5	19	
KBPA132.0414	4	1/4	14	3	9,0	14,5	19	
KBPA132.0618	6	1/8	12	5	7,5	16,0	22	
KBPA132.0614	6	1/4	14	5	9	16	20,5	
KBPA132.0638	6	3/8	17	5	9	16	22	
KBPA132.0818	8	1/8	14	5	8	18	26	
KBPA132.0814	8	1/4	17	6	9	18	23,7	
KBPA132.0838	8	3/8	17	6	9,0	17,5	22	
KBPA132.0812	8	½	21	6	10,5	17,5	23	
KBPA132.1018	10	1/8	17	5	7,5	19,5	29	
KBPA132.1014	10	1/4	17	6	9	20	27,2	
KBPA132.1038	10	3/8	17	8	9	20	26	
KBPA132.1012	10	1/2	21	8	8	16	24	
KBPA132.1214	12	1/4	19	6	9	18	30,5	
KBPA132.1238	12	3/8	19	8	9,0	17,5	27	
KBPA132.1212	12	1/2	21	8	10,5	17,5	25	
KBPA132.1438	14	3/8	24	10	10,5	17,5	34	
KBPA132.1412	14	1/2	24	10	14	20	32,0	
KBPA132.1538	15	3/8	24	10	11	20	36	
KBPA132.1512	15	1/2	24	10	14	20	33	
KBPA132.1638	16	3/8	24	10	11	20	35,5	
KBPA132.1612	16	1/2	24	10	13,5	19,5	33	

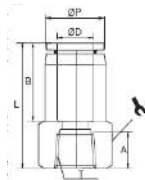
UNIÃO ROSCA CILÍNDRICA STRAIGHT MALE PARALLEL



REF.	ØD	FT1	1	CH	2	AP	PB1	L
KBPA133.04M5	4	M5X0.8p	10	-	4,6	15,9	22	
KBPA133.0418	4	1/8	13	3	5,0	15,9	22	
KBPA133.0614	4	1/4	15	3	6,5	15,9	24	
KBPA133.06M5	6	M5X0.8p	12	-	5	17	23,6	
KBPA133.0618	6	1/8	13	4	5	17	23	
KBPA133.0814	6	1/4	15	5	7	17	24	
KBPA133.0838	6	3/8	17	5	7	17	25,5	
KBPA133.0818	8	1/8	15	5	5,0	17,7	27	
KBPA133.0814	8	1/4	15	6	6,5	17,7	27	
KBPA133.0838	8	3/8	17	6	6,5	17,7	25	
KBPA133.0812	8	½	21	6	8	18	26,0	
KBPA133.1018	10	1/8	17	5	5	19	30	
KBPA133.1014	10	1/4	17	6	7	19	30	
KBPA133.1038	10	3/8	17	8	7	19	27,0	
KBPA133.1012	10	½	21	8	8,0	18,6	28	
KBPA133.1214	12	1/4	19	6	6,5	20,9	32	
KBPA133.1238	12	3/8	19	8	6,5	20,9	32	
KBPA133.1212	12	1/2	21	8	8	21	31,6,0	
KBPA133.1438	14	3/8	22	10	7	24	34	
KBPA133.1412	14	1/2	24	10	8	24	33	
KBPA133.1638	16	3/8	24	10	7	25	36,3	
KBPA133.1612	16	1/2	24	10	8,0	24,8	36	

UNIÃO RÁPIDA FÊMEA

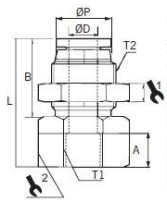
REDUCING TAPER



REF.	ØD	T	1	A	B	L
KBPA135.0418	4	1/8	12	8,0	14,5	23
KBPA135.0414	4	1/4	17	10,5	14,5	25
KBPA135.0618	6	1/8	12	8,0	16,1	25
KBPA135.0614	6	1/4	17	11	16	26,7
KBPA135.0638	6	3/8	19	11	16	28
KBPA135.0818	8	1/8	14	8	18	27
KBPA135.0814	8	1/4	17	11	18	29,2
KBPA135.0838	8	3/8	19	11,0	17,5	30
KBPA135.0812	8	1/2	24	12,5	17,5	32
KBPA135.1018	10	1/8	17	8,0	19,7	29
KBPA135.1014	10	1/4	17	11	20	31,2
KBPA135.1038	10	3/8	19	11	20	32
KBPA135.1012	10	1/2	24	13	20	33
KBPA135.1214	12	1/4	19	11	21	32,0
KBPA135.1238	12	3/8	19	11,0	20,5	33
KBPA135.1212	12	1/2	24	12,5	20,5	34

UNIÃO RÁPIDA F. PASSAGEM

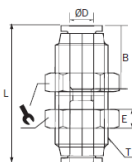
BULKHEAD FEMALE UNION



REF.	ØD	T	T2	1	2	A	B	L
KBPA131.0418	4	1/8	M12X1	14	14	8,0	14,9	23
KBPA131.0414	4	1/4	M12X1	17	14	10,5	14,7	27
KBPA131.0618	6	1/8	M14X1	17	17	8,0	16,5	26
KBPA131.0614	6	1/4	M14X1	17	17	11	17	28,0
KBPA131.0638	6	3/8	M14X1	19	17	11	16,5	29
KBPA131.0818	8	1/8	M16X1	19	19	8	20	27
KBPA131.0814	8	1/4	M16X1	19	19	11	22	29,2
KBPA131.0838	8	3/8	M16X1	19	19	11,0	17,7	30
KBPA131.0812	8	1/2	M16X1	24	19	12,5	17,7	32
KBPA131.1018	10	1/8	M19X1	21	22	8,0	22,0	29
KBPA131.1014	10	1/4	M19X1	21	22	11	25	31,5
KBPA131.1038	10	3/8	M19X1	21	22	11	20	32
KBPA131.1012	10	1/2	M19X1	24	22	13	20	34
KBPA131.1214	12	1/4	M21X1	24	24	11	23	31,5
KBPA131.1238	12	3/8	M21X1	24	24	11,0	23,8	32
KBPA131.1212	12	1/2	M21X1	24	24	12,5	19,5	34

UNIÃO RÁPIDA PASSAGEM

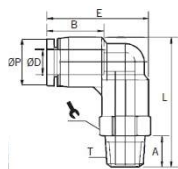
BULKHEAD UNION



REF.	ØD	T	1	E	B	L
KBPA138.04	4	M12X1	14	4,0	15,0	23
KBPA138.06	6	M14X1	17	4,1	16,5	25
KBPA138.08	8	M16X1	19	4,1	17,5	25
KBPA138.10	10	M19X1	22	4	20	26,7
KBPA138.12	12	M21X1	24	4	20	28
KBPA138.14	14	M24X1	27	4	22	27
KBPA138.16	16	M26X1	30	5	24	29,2

JOELHO RÁPIDO CÔNICO

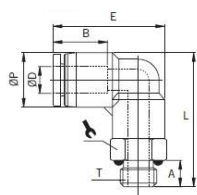
ELBOW CONNECTOR TAPER



REF.	ØD	T	1	A	B	L	EL
KBPA136.0418	4	1/8	10	7,5	15,0	30	22,5
KBPA136.0414	4	1/4	14	9,0	15,0	31,5	22,5
KBPA136.0618	6	1/8	12	7,5	15,5	34,3	27,3
KBPA136.0614	6	1/4	14	9	16	35,8	27,3
KBPA136.0638	6	3/8	17	9	16	36,3	27,3
KBPA136.0818	8	1/8	14	8	18	37,8	30,5
KBPA136.0814	8	1/4	14	9	18	39,3	30,5
KBPA136.0838	8	3/8	17	9,0	17,8	39,3	30,5
KBPA136.0812	8	½	21	10,5	21,0	40,8	30,5
KBPA136.1018	10	1/8	17	7,5	17,0	43,3	36,5
KBPA136.1014	10	1/4	17	9	17	44,8	36,5
KBPA136.1038	10	3/8	17	9	17	44,8	36,5
KBPA136.1012	10	1/2	21	11	21	46,3	36,5
KBPA136.1214	12	1/4	19	9	19	46,2	37,6
KBPA136.1238	12	3/8	19	9,0	19,0	46,2	37,6
KBPA136.1212	12	1/2	21	10,5	21,0	47,7	37,6
KBPA136.1438	14	3/8	24	10,5	24,0	53,5	42,5
KBPA136.1412	14	1/2	24	13,5	24,0	56,2	42,5
KBPA136.1614	16	1/4	24	-	24,0	-	44,2
KBPA136.1638	16	3/8	24	10,5	24,0	54,7	44,2
KBPA136.1612	16	1/2	24	14	24	57,7	44,2

JOELHO RÁPIDO CILÍNDRICO

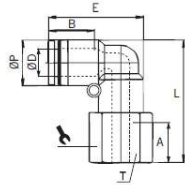
ELBOW CONNECTOR PARALELL




REF.	ØD	T	1	A	B	L	EL
KBPA138.04M5	4	M5X0,8	10	7,5	16,8	25,8	23,8
KBPA138.0418	4	1/8	10	7,5	16,8	27,4	23,8
KBPA138.0414	4	1/4	14	9,0	16,8	29,4	23,8
KBPA138.06M5	6	M5X0,8	17	8	18	30,3	26,5
KBPA138.0618	6	1/8	14	8	18	30,3	26,5
KBPA138.0614	6	1/4	17	9	18	32,6	26,5
KBPA138.0638	6	3/8	20	9	18	33,6	26,5
KBPA138.0818	8	1/8	14	7,5	18,7	32,9	29,7
KBPA138.0814	8	1/4	17	9,0	18,7	34,9	29,7
KBPA138.0838	8	3/8	20	9,0	18,7	35,9	29,7
KBPA138.0812	8	½	24	11	19	36,9	29,7
KBPA138.1018	10	1/8	17	8	20	35,4	32,1
KBPA138.1014	10	1/4	17	9	20	37,4	32,1
KBPA138.1038	10	3/8	20	9	20	38,4	32,1
KBPA138.1012	10	1/2	24	10,5	19,6	39,4	32,1
KBPA138.1214	12	1/4	19	9,0	21,9	41,4	36,9
KBPA138.1238	12	3/8	20	9,0	21,9	42,4	36,9
KBPA138.1212	12	1/2	24	10,5	21,9	43,4	36,9
KBPA138.1438	14	3/8	22	10,5	23,5	45,5	42,3
KBPA138.1412	14	1/2	24	13,5	23,5	47	42,3
KBPA138.1614	16	1/4	24	-	24	-	44,1
KBPA138.1638	16	3/8	24	10,5	24,0	53,5	44,1
KBPA138.1612	16	1/2	24	13,5	24,0	54,5	44,1

JOELHO RÁPIDO FÊMEA

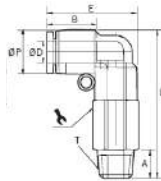
FEMALE ELBOW CONNECTOR




REF.	ØD	T		A	B	L	E
KBPA142.0418	4	1/8	12	7,5	15,0	27,4	22,5
KBPA142.0414	4	1/4	17	9,0	15,0	29	22,5
KBPA142.0618	6	1/8	12	7,5	15,5	31,8	27,3
KBPA142.0614	6	1/4	17	9	16	34,3	27,3
KBPA142.0638	6	3/8	19	9	16	34,8	27,3
KBPA142.0818	8	1/8	14	8	18	34,8	30,5
KBPA142.0814	8	1/4	17	9	18	37,3	30,5
KBPA142.0838	8	3/8	19	9,0	17,8	37,8	30,5
KBPA142.0812	8	1/2	24	10,5	17,8	39,6	30,5
KBPA142.1018	10	1/8	17	7,5	20,0	40	36,5
KBPA142.1014	10	1/4	17	9	20	42,5	36,5
KBPA142.1038	10	3/8	19	9	20	43	36,5
KBPA142.1012	10	1/2	24	11	20	44,5	36,5
KBPA142.1214	12	1/4	19	9	23	43,7	37,6
KBPA142.1238	12	3/8	19	9,0	23,4	44,2	37,6
KBPA142.1212	12	1/2	24	10,5	23,4	45,7	37,6

JOELHO RÁPIDO LONGO

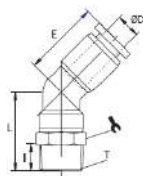
ELBOW CONNECTOR EXTENSION



REF.	ØD	T		A	B	L	E
KBPA144.0418	4	1/8	12	7,5	15,0	40	22,5
KBPA144.0414	4	1/4	14	9,0	15,0	41,4	22,5
KBPA144.0618	6	1/8	12	7,5	15,5	45,8	27,3
KBPA144.0614	6	1/4	14	9	16	47,3	27,3
KBPA144.0638	6	3/8	17	9	16	47,3	27,3
KBPA144.0818	8	1/8	14	8	18	49,8	30,5
KBPA144.0814	8	1/4	14	9	18	51,3	30,5
KBPA144.0838	8	3/8	17	9,0	17,8	51,3	30,5
KBPA144.0812	8	1/2	21	10,5	17,8	52,8	30,5
KBPA144.1018	10	1/8	17	7,5	20,0	56,3	36,5
KBPA144.1014	10	1/4	17	9	20	57,8	36,5
KBPA144.1038	10	3/8	21	9	20	57,8	36,5
KBPA144.1012	10	1/2	21	11	20	59,3	36,5
KBPA144.1214	12	1/4	19	9	20	60,2	37,6
KBPA144.1238	12	3/8	19	9,0	19,5	60,2	37,6
KBPA144.1212	12	1/2	21	10,5	10,5	61,7	37,6

JOELHO RÁPIDO 45°

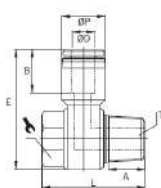
45° ELBOW CONNECTOR



REF.	ØD	T	45°	I	B	L	E
KBPA145.0418	4	1/8	10	7,0	-	22.2	16.2
KBPA145.0414	4	1/4	14	9,5	-	25.7	16.2
KBPA145.0618	6	1/8	12	7,0	-	23.9	17.7
KBPA145.0614	6	1/4	14	10	-	26.9	17.7
KBPA145.0638	6	3/8	17	11	-	28.4	17.7
KBPA145.0818	8	1/8	14	7	-	27.1	20.9
KBPA145.0814	8	1/4	14	10	-	29.6	20.9
KBPA145.0838	8	3/8	17	10,5	-	31.1	20.9
KBPA145.0812	8	1/2	21	13,5	-	34.6	20.9
KBPA145.1018	10	1/8	17	7,0	-	29.7	22.2
KBPA145.1014	10	1/4	17	10	-	32.2	22.2
KBPA145.1038	10	3/8	17	11	-	33.2	22.2
KBPA145.1012	10	1/2	21	14	-	37.7	22.2
KBPA145.1214	12	1/4	21	10	-	35.2	26.3
KBPA145.1238	12	3/8	21	10,5	-	36.2	26.3
KBPA145.1212	12	1/2	21	13,5	-	39.2	26.3

JOELHO BANJO RÁPIDO

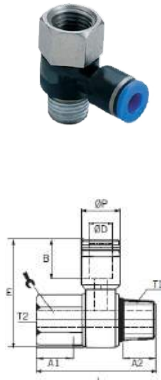
SINGLE BANJO TAPER



REF.	ØD	T	45°	A	B	L	E
KBPA146.0418	4	1/8	10	7,5	14,4	24.5	32.2
KBPA146.0414	4	1/4	14	9,5	14,0	26.5	34
KBPA146.0618	6	1/8	10	7,5	15,5	24.5	32.5
KBPA146.0614	6	1/4	14	10	16	26.5	34.5
KBPA146.0638	6	3/8	19	11	16	32	37
KBPA146.0818	8	1/8	10	8	18	24.5	32.4
KBPA146.0814	8	1/4	14	10	18	26.5	36.2
KBPA146.0838	8	3/8	19	10,5	17,7	32	40
KBPA146.0812	8	1/2	24	13,5	17,7	38.5	46.5
KBPA146.1014	10	1/4	14	9,5	19,5	32	40.5
KBPA146.1038	10	3/8	19	11	20	32	42.5
KBPA146.1012	10	1/2	24	14	20	38.5	47
KBPA146.1214	12	1/4	14	10	20	26.5	40
KBPA146.1238	12	3/8	19	11	20	32	42.5
KBPA146.1212	12	1/2	24	13,0	20,0	38.5	49.5

JOELHO BANJO FÊMEA RÁPIDO

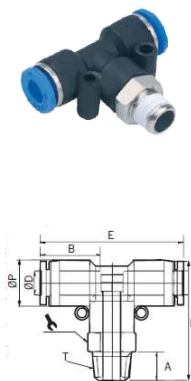
SINGLE FEMALE BANJO TAPER



REF.	ØD	T1	T2	Ø1	A1	A2	B	L	EL
KBPA147.0418	4	1/8	1/8	12	7.5	8	14,4	29.5	32.2
KBPA147.0414	4	1/4	1/4	17	9.5	10.5	14,4	34	34
KBPA147.0618	6	1/8	1/8	12	7.5	8	15,5	29.5	32.5
KBPA147.0614	6	1/4	1/4	17	9.5	10.5	16	34	34.5
KBPA147.0638	6	3/8	3/8	19	10.5	10.5	16	37.5	37
KBPA147.0818	8	1/8	1/8	12	7.5	8	18	29.5	32.4
KBPA147.0814	8	1/4	1/4	17	9.5	10.5	18	34	36.2
KBPA147.0838	8	3/8	3/8	19	10.5	10.5	17,5	37.5	40
KBPA147.0812	8	1/2	1/2	24	13.5	10.5	17,5	46	46.5
KBPA147.1014	10	1/4	1/4	17	9.5	12.5	19,5	34	40.5
KBPA147.1038	10	3/8	3/8	19	10.5	10.5	20	37.5	42.5
KBPA147.1012	10	1/2	1/2	24	13.5	10.5	20	46	47
KBPA147.1214	12	1/4	1/4	14	9.5	12.5	20	37.5	40
KBPA147.1238	12	3/8	3/8	19	10.5	10.5	20	37.5	42.5
KBPA147.1212	12	1/2	1/2	24	13	12.5	20,0	46	49.5

TÊ GIRATÓRIO CENTRO

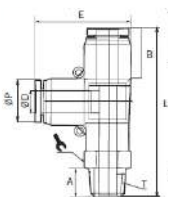
ROTARY TEE ADAPTOR



REF.	ØD	T	Ø1	A1	B	L	EL
KBPA139.0418	4	1/8	10	7,5	14,4	31	34,5
KBPA139.0414	4	1/4	14	9,0	14,4	32,5	34,5
KBPA139.0618	6	1/8	12	7,5	15,5	33,8	39,5
KBPA139.0614	6	1/4	14	9	16	35	39,5
KBPA139.0638	6	3/8	17	9	16	35,5	39,5
KBPA139.0818	8	1/8	14	8	18	37	45
KBPA139.0814	8	1/4	14	9	18	38,5	45
KBPA139.0838	8	3/8	17	9,0	17,5	38,5	45
KBPA139.0812	8	1/2	21	10,5	17,5	40	45
KBPA139.1018	10	1/8	17	7,5	19,8	43,8	54
KBPA139.1014	10	1/4	17	9	20	45,4	54
KBPA139.1038	10	3/8	17	9	20	45,3	54
KBPA139.1012	10	1/2	21	11	20	45,3	54
KBPA139.1214	12	1/4	19	9	19	46,8	54
KBPA139.1238	12	3/8	19	9,0	19,0	46	54
KBPA139.1212	12	1/2	21	11	21	48	54
KBPA139.1438	14	3/8	24	10,5	24,0	47,5	54,5
KBPA139.1412	14	1/2	24	13,5	22,8	56,8	62,5
KBPA139.1638	16	3/8	24	10,5	24,0	55	65
KBPA139.1612	16	1/2	24	14	24	58	63

TÊ GIRATÓRIO LATERAL

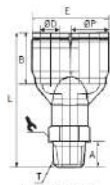
ROTARY TEE LATERAL ADAPTOR



REF.	ØD	T	1	A	B	L	E
KBPA140.0418	4	1/8	10	7,5	14,4	31	34,5
KBPA140.0414	4	1/4	14	9,0	14,4	32,5	34,5
KBPA140.0618	6	1/8	12	7,5	15,5	33,8	39,5
KBPA140.0614	6	1/4	14	9	16	35	39,5
KBPA140.0638	6	3/8	17	9	16	35,5	39,5
KBPA140.0818	8	1/8	14	8	18	37	45
KBPA140.0814	8	1/4	14	9	18	38,5	45
KBPA140.0838	8	3/8	17	9,0	17,5	38,5	45
KBPA140.0812	8	1/2	21	10,5	17,5	40	45
KBPA140.1018	10	1/8	17	7,5	19,8	43,8	54
KBPA140.1014	10	1/4	17	9	20	45,4	54
KBPA140.1038	10	3/8	17	9	20	45,3	54
KBPA140.1012	10	1/2	21	11	20	45,3	54
KBPA140.1214	12	1/4	19	9	19	46,8	54
KBPA140.1238	12	3/8	19	9,0	19,0	46	54
KBPA140.1212	12	1/2	21	11	21	48	54
KBPA140.1638	16	3/8	24	10,5	24,0	55	65
KBPA140.1612	16	1/2	24	13,5	24,0	58	63

DERIVAÇÃO Y

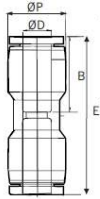
Y MALE ADAPTOR



REF.	ØD	T	1	A	B	L	E
KBPA143.0418	4	1/8	10	7,5	14,4	31	34,5
KBPA143.0414	4	1/4	14	9,0	14,4	32,5	34,5
KBPA143.0618	6	1/8	12	7,5	15,5	33,8	39,5
KBPA143.0614	6	1/4	14	9	16	35	39,5
KBPA143.0638	6	3/8	17	9	16	35,5	39,5
KBPA143.0818	8	1/8	14	8	18	37	45
KBPA143.0814	8	1/4	14	9	18	38,5	45
KBPA143.0838	8	3/8	17	9,0	17,5	38,5	45
KBPA143.0812	8	1/2	21	10,5	17,5	40	45
KBPA143.1018	10	1/8	17	7,5	19,8	43,8	54
KBPA143.1014	10	1/4	17	9	20	45,4	54
KBPA143.1038	10	3/8	17	9	20	45,3	54
KBPA143.1012	10	1/2	21	11	20	45,3	54
KBPA143.1214	12	1/4	19	9	19	46,8	54
KBPA143.1238	12	3/8	19	9,0	19,0	46	54
KBPA143.1212	12	1/2	21	11	21	48	54
KBPA143.1438	14	3/8	24	10,5	24,0	47,5	54,5
KBPA143.1412	14	1/2	24	13,5	22,8	56,8	62,5
KBPA143.1638	16	3/8	24	10,5	24,0	55	65
KBPA143.1612	16	1/2	24	14	24	58	63

UNIÃO RÁPIDA

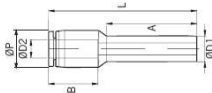
UNION CONNECTOR



REF.	ØD	C	B	E	L	L	E
KBPB111.04P	4	3	15,0	22,5	23	31	34,5
KBPB111.06P	6	3	15,5	27,3	27	32,5	34,5
KBPB111.08P	8	3	17,6	30,5	31	33,8	39,5
KBPB111.10P	10	3	20	37	36,5	35	39,5
KBPB111.12P	12	3	20	38	38	35,5	39,5
KBPB111.14P	14	4,5	23	43	43	37	45
KBPB111.16P	16	4,4	23	44	44,2	38,5	45

REDUÇÃO RÁPIDA

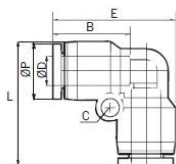
REDUCING CONNECTOR



REF.	ØD	ØD2	B1	B2	EL
KBPA109.0604	6	4	16,0	14,0	32
KBPA109.0806	8	6	17,6	16,2	37
KBPA109.1008	10	8	19,7	17,6	43
KBPA109.1210	12	10	21	19	46,7

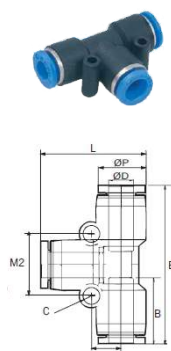
JOELHO RÁPIDO

ELBOW CONNECTOR



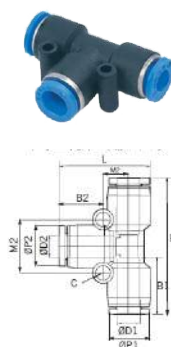
REF.	ØD	C	B	E	L
KBPB113.04P	4	3	15,0	22,5	23
KBPB113.06P	6	3	15,5	27,3	27
KBPB113.08P	8	3	17,6	30,5	31
KBPB113.10P	10	3	20	37	36,5
KBPB113.12P	12	3	20	38	38
KBPB113.14P	14	4,5	23	43	43
KBPB113.16P	16	4,4	23	44	44,2

TÊ RÁPIDO TEE CONNECTOR



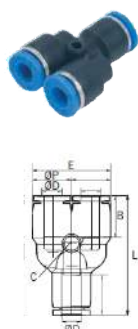
REF.	ØD	C	M1	B	E	L
KBPB114.04P	4	3	7	14,3	22,5	24
KBPB114.06P	6	3	8	15,5	27,3	27
KBPB114.08P	8	3	10	17,5	30,5	30
KBPB114.10P	10	3	13	20	37	36,5
KBPB114.12P	12	3	13	20	38	38
KBPB114.14P	14	4,8	15	23	43	43
KBPB114.16P	16	4,8	15	24	44	44,5

REDUÇÃO TÊ RÁPIDO REDUCING TEE CONNECTOR



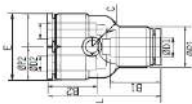
REF.	ØD1	ØD2	M1	B2	E	L
KBPA225.04P	6	4	8	14,4	39,0	27
KBPA225.06P	8	6	10	15,8	45,0	30
KBPA225.08P	10	6	13	15,8	54,0	36
KBPA225.10P	10	8	13	18	54	36,2
KBPA225.12P	12	12	13	20	54	38

DERIVAÇÃO Y Y CONNECTOR



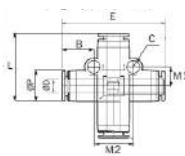
REF.	ØD1	ØD2	C	B	E	L
KBPA106.04	4	-	3	14,7	21,5	35
KBPA106.06	6	-	3	15,5	26,5	36
KBPA106.08	8	-	3	16,5	29,8	39
KBPA106.10	10	-	4	20	37	50,0
KBPA106.12	12	-	4	21	40	52
KBPA106.14	14	-	4	23	52	58,6
KBPA106.16	16	-	4	23,3	52,2	59

REDUÇÃO Y Y REDUCING



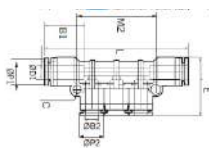
REF.	ØD1	ØD2	C	B1	E	L
KBPA149.04P	6	4	3	15,5	26,3	35
KBPA149.06P	8	6	3	16,5	29,8	39
KBPA149.08P	10	8	4	19,5	36,3	49
KBPA149.10P	12	10	4	21	40	52,2

CRUZETA RÁPIDA CROSS CONNECTOR



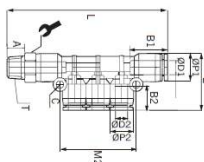
REF.	ØD1	ØD2	C	B1	E	L
KBPA149.04P	6	4	3	15,5	26,3	35
KBPA149.06P	8	6	3	16,5	29,8	39
KBPA149.08P	10	8	4	19,5	36,3	49
KBPA149.10P	12	10	4	21	40	52,2

MULTI CONECTOR RÁPIDO MULTI TEE CONNECTOR



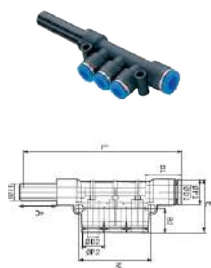
REF.	ØD1	ØD2	M2	B1	E	L
KBPA115.04	6	4	40	16,7	27,0	68
KBPA115.06	8	4	46	18,0	30,2	76
KBPA115.08	8	6	46	18,0	30,5	76
KBPA115.10	10	6	56	20	36	92,5
KBPA115.12	10	8	56	19,5	35,7	93
KBPA115.12	12	10	56	-	-	-

MULTI CONECTOR MULTI TEE CONNECTOR



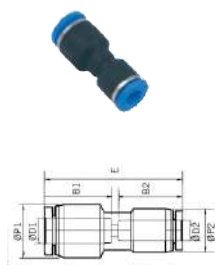
REF.	ØD1	ØD2	M2	B1	B2	T	1	L
KBPA134.04	6	4	40	16,7	16,5	1/8	12	74,7
KBPA134.06	8	4	46	17,7	16,5	1/4	14	85
KBPA134.08	8	6	46	17,7	16,7	1/4	14	85
KBPA134.10	10	8	56	20	18	3/8	17	100,8

MULTI CONECTOR RÁPIDO
MULTI TEE CONNECTOR



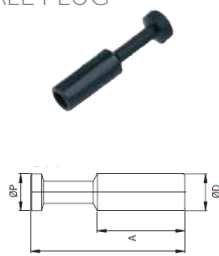
REF.	ØD1	ØD2	J	M2	B1	B2	A	E	L
KBPA150.04	6	4	6	34,8	17,6	17	25	24,2	84,3
KBPA150.06	8	4	8	34,8	18,7	16	29	28,5	89,5
KBPA150.08	8	6	8	41,1	18,7	18	29	34	95,5
KBPA150.10	10	8	10	41,7	19,6	18	31	31,3	103,2
KBPA150.10	10	8	10	47,0	19,6	19	31	34,5	109,7

REDUÇÃO TUBO RÁPIDO
REDUCING TUBE



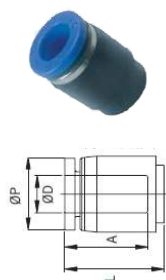
REF.	ØD1	ØD2	A	B	E	L
KBPA102.0604	6	4	23	16,0	21,5	39
KBPA102.0804	8	4	25	16,0	26,5	41
KBPA102.0806	8	6	25	16,7	29,8	41
KBPA102.1006	10	6	27	16,7	36,5	44
KBPA102.1008	10	8	27	17,9	40,0	45
KBPA102.1206	12	6	29	16,7	52,2	49
KBPA102.1208	12	8	29	18,0	52,2	50
KBPA102.1210	12	10	29	19,7	52,2	51

TACO MACHO
MALE PLUG



REF.	ØD1	ØD2	C	A	E	L
KBPA130.04	4	-	-	15,2	-	30
KBPA130.06	6	-	-	17,0	-	34
KBPA130.08	8	-	-	18,0	-	36
KBPA130.10	10	-	-	21	-	39,0
KBPA130.12	12	-	-	23,0	-	43

TACO FÊMEA
FEMALE PLUG



REF.	ØD1	ØD2	C	A	E	L
KBPA151.04	4	-	-	16,8	-	18
KBPA151.06	6	-	-	17,6	-	19
KBPA151.08	8	-	-	18,7	-	21
KBPA151.10	10	-	-	20	-	23,0
KBPA151.12	12	-	-	21,9	-	25

TÊ RÁPIDO/POLEGADAS

TEE CONNECTOR/INCH



REF.	Ø TUBE	M2	B1	B2	T		L
KBPA152.04	5/32	-	-	-	-	-	-
KBPA152.05	3/16	-	-	-	-	-	-
KBPA152.06	1/4	-	-	-	-	-	-
KBPA152.08	5/16	-	-	-	-	-	-
KBPA152.10	3/8	-	-	-	-	-	-
KBPA152.12	½	-	-	-	-	-	-

UNIÃO RÁPIDA/POLEGADAS

UNION CONNECTOR/INCH



REF.	Ø TUBE	M2	B1	B2	T		L
KBPB12.04P	5/32	-	-	-	-	-	-
KBPB112.05P	3/16	-	-	-	-	-	-
KBPB112.06P	1/4	-	-	-	-	-	-
KBPB112.08P	5/16	-	-	-	-	-	-
KBPB112.10P	3/8	-	-	-	-	-	-
KBPB112.12P	½	-	-	-	-	-	-

REDUÇÃO/POLEGADAS

REDUCTION/INCH



REF.	Ø TUBE1	Ø TUBE2	B2	T		L
KBPA154.04	3/16	5/32	-	-	-	-
KBPA154.06	1/4	3/16	-	-	-	-
KBPA154.08	5/16	1/4	-	-	-	-
KBPA154.10	3/8	5/16	-	-	-	-
KBPA154.12	½	3/8	-	-	-	-

JOELHO/POLEGADAS

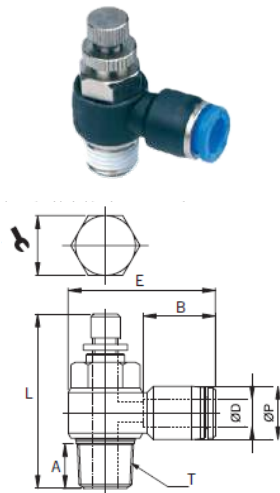
ELBOW/INCH



REF.	Ø TUBE	M2	B1	B2	T		L
KBPA153.02P	5/32	-	-	-	-	-	-
KBPA153.05P	3/16	-	-	-	-	-	-
KBPA153.06P	1/4	-	-	-	-	-	-
KBPA153.08P	5/16	-	-	-	-	-	-
KBPA153.10P	3/8	-	-	-	-	-	-
KBPA153.12P	1/2	-	-	-	-	-	-

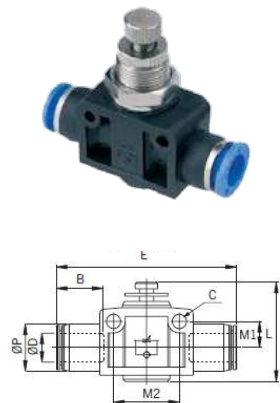
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REGULADOR 90°	33	90° FLOW REGULATOR	
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REGULADOR UNIDIRECIONAL	34	FLOW REGULATOR UNID.	
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MINI PASSADOR MF	34	MINI VALVE MF	
MINI PASSADOR MM	35	MINI VALVE MM	
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PEDAL 3/2	43	PEDAL 3/2	
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REGULADOR 90°
90° FLOW REGULATOR



REF.	ØD	T	E	B	L
KBPA308.04M5	4	M5	-	-	-
KBPA308.0418	4	1/8	30,5	-	-
KBPA308.0414	4	1/4	34,5	-	-
KBPA308.0618	6	M5	-	-	-
KBPA308.0618	6	1/8	31,5	-	-
KBPA308.0614	6	1/4	35	-	-
KBPA308.0638	6	3/8	38,7	-	-
KBPA308.0818	8	1/8	33	-	-
KBPA308.0814	8	1/4	36,8	-	-
KBPA308.0838	8	3/8	40,1	-	-
KBPA308.0812	8	½	45,5	-	-
KBPA308.1012	10	1/8	45,5	-	-
KBPA308.1014	10	1/4	38,8	-	-
KBPA308.1038	10	3/8	42,2	-	-
KBPA308.1012	10	1/2	47,5	-	-
KBPA308.1214	12	1/4	40,8	-	-
KBPA308.1238	12	3/8	45,9	-	-
KBPA308.1212	12	1/2	50,1	-	-

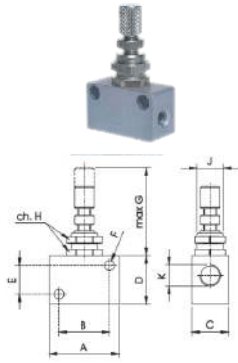
REGULADOR FLUXO
FLOW REGULATOR



REF.	ØD	T	E	B	L
KBPA310.04	4	3,3	45,1	16,3	33,3
KBPA310.06	6	4,3	50	17,6	39,6
KBPA310.08	8	4,4	55,7	18,7	42,1
KBPA310.10	10	4,4	61,2	19,6	49
KBPA310.12	12	4,4	69,8	21,9	53,6

REGULADOR UNIDIRECIONAL

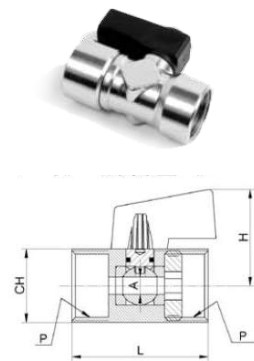
FLOW REGULATOR UNI.



REF.	ØD1	A	B	C	ØD	F	G	CH
KBPB520.M5	M5	25	18	12	15	4,5	27	12
KBPB520.02	1/8	32	23	16,8	22	4,5	35	15
KBPB520.04	1/4	40	30	22	32	4,5	35	15
KBPB520.06	3/8	56	43	27	42	6,5	43	24
KBPB520.08	½	56	43	27	42	6,5	43	24

MINI PASSADOR FÊMEA

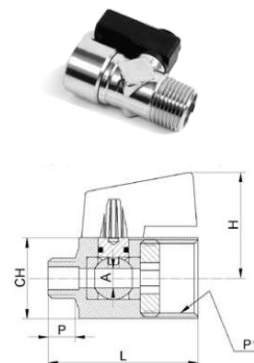
MINI VALVE FEMALE



REF.	F	A	CH	P	H	L
KBPD105.02	1/8	5,5	14	8	21,5	36,5
KBPD105.04	1/4	5,5	17	11	21,5	43
KBPD105.06	3/8	7	18	11	22,5	48
KBPD105.08	1/2	10	22	16	32	59

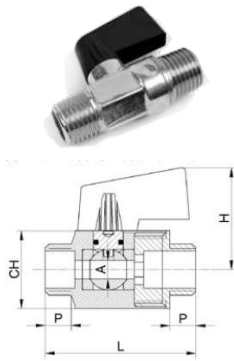
MINI PASSADOR MF

MINI VALVE MF



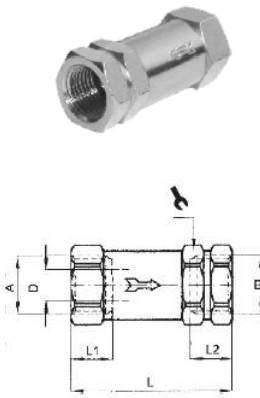
REF.	F	A	CH	P	H	L
KBPD106.02	1/8	5,5	14	8	21,5	36,5
KBPD106.04	1/4	5,5	17	11	21,5	43
KBPD106.06	3/8	7	18	11	22,5	48
KBPD106.08	1/2	10	22	16	32	59

MINI PASSADOR MM
MINI VALVE MM



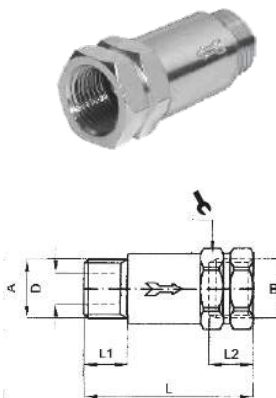
REF.	F	A	CH	P	H	L
KBPD107.02	1/8	5,5	14	8	21,5	36,5
KBPD107.04	1/4	5,5	17	11	21,5	43
KBPD107.06	3/8	7	18	11	22,5	48
KBPD107.08	1/2	10	22	16	32	59

VÁLVULA RETENÇÃO FÊMEA
F. UNID. CHECK VALVE



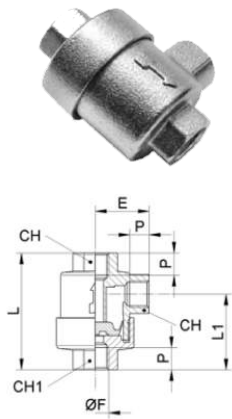
REF.	A	B	CH	P	P1	L
580950.M5	M5	M5	10	-	-	24
580950.18	1/8	1/8	13	-	-	31
580950.14	1/4	1/4	16	-	-	37
580950.38	3/8	3/8	20	-	-	42
580950.12	1/2	1/2	25	-	-	50

VÁLVULA RETENÇÃO MF
MF UNID. CHECK VALVE



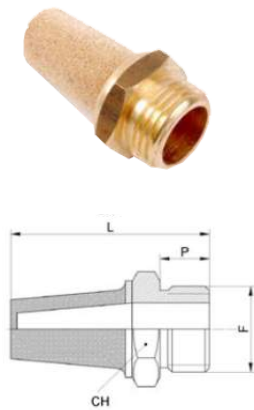
REF.	A	B	CH	P	P1	L
580951.M5	M5	M5	10	-	-	23
580951.18	1/8	1/8	13	-	-	31
580951.14	1/4	1/4	16	-	-	37
580951.38	3/8	3/8	20	-	-	42
580951.12	1/2	1/2	25	-	-	50

VÁLVULA DE ESCAPE
QUICK EXHAUST VALVE



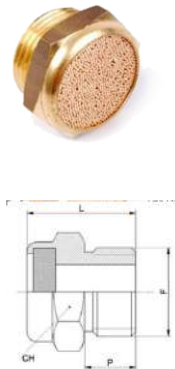
REF.	F	CH	CH1	P	E	L
580955.M5	M5	10	-	-	-	25
580955.02	1/8	14	-	-	-	42
580955.04	1/4	19	-	-	-	53
580955.06	3/8	21	-	-	-	605
580955.08	1/2	26	-	-	-	70
580955.06	3/8	21	-	-	-	605
580955.08	1/2	26	-	-	-	70

SILENCIADOR LONGO
SILENCER EXAGONAL BASE



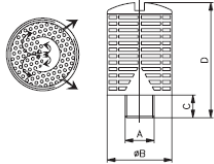
REF.	F	F1	CH	P	P1	L
KBPF102.18	1/8	-	12	4,5	-	21
KBPF102.14	1/4	-	15	6	-	27
KBPF102.38	3/8	-	19	7	-	35
KBPF102.12	1/2	-	23	8	-	40,5
KBPF102.34	3/4	-	30	9	-	51,5
KBPF102.01	1"	-	36	11	-	66

SILENCIADOR CURTO
DYNAMIC PLASTIC SILENCER



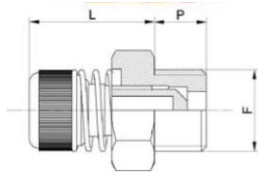
REF.	F	F1	CH	P	P1	L
KBPF101.18	1/8	-	13	6	-	13
KBPF101.14	1/4	-	16	8	-	16
KBPF101.38	3/8	-	19	9	-	18
KBPF101.12	1/2	-	24	11	-	18
KBPF101.34	3/4	-	30	13	-	22
KBPF101.01	1"	-	36	15	-	23

SILENCIADOR DINÂMICO
DYNAMIC PLASTIC SILENCER



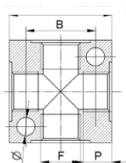
REF.	F	F1	CH	C	B	D
KBPF103.18	1/8	-	-	6	15	32,5
KBPF103.14	1/4	-	-	8	19,5	43
KBPF103.38	3/8	-	-	11	24,5	58
KBPF103.12	1/2	-	-	11	24,5	58
KBPF103.34	3/4	-	-	18	48	115
KBPF103.01	1"	-	-	18	48	115

SILENCIADOR REGULADOR
REGULATOR SILENCER



REF.	F	F1	CH	P	P1	L
KBPF104.18	1/8	-	10	6	-	22
KBPF104.14	1/4	-	13	8	-	24
KBPF104.38	3/8	-	17	10	-	28
KBPF104.12	1/2	-	21	11	-	29

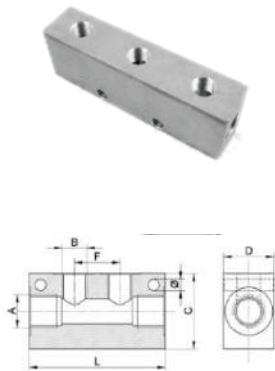
MANIFOLD EM CRUZ
ALUMINIUM CROSS



REF.	F	D	CH	P	H	L
KBPB610.18	1/8	4,5	-	7	15	25
KBPB610.14	1/4	5,5	-	11	20	40
KBPB610.38	3/8	5,5	-	12	25	50
KBPB610.12	1/2	5,5	-	12	30	50
KBPB610.34	3/4	5,5	-	14	35	60

MANIFOLD UNILATERAL

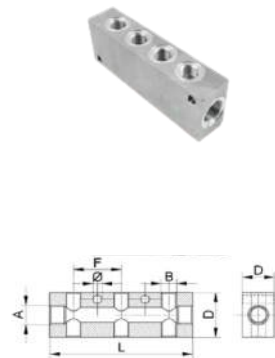
UNILATERAL MANIFOLD



REF.	A	B	VIAS	D	P	F	L
KBPB612.182	1/4	1/8	2	20	-	15,5	61
KBPB612.183	1/4	1/8	3	20	-	15,5	91
KBPB612.184	1/4	1/8	4	20	-	15,5	121
KBPB612.185	1/4	1/8	5	20	-	15,5	151
KBPB612.142	3/8	1/4	2	20	-	19	74
KBPB612.143	3/8	1/4	3	20	-	19	110
KBPB612.144	3/8	1/4	4	20	-	19	146
KBPB612.144	3/8	1/4	5	20	-	19	182

MANIFOLD BILATERAL

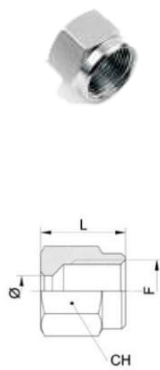
BILATERAL MANIFOLD



REF.	A	B	VIAS	D	P	F	L
KBPB614.182	1/4	1/8	2+2	20	-	15,5	61
KBPB614.183	1/4	1/8	3+3	20	-	15,5	91
KBPB614.184	1/4	1/8	4+4	20	-	15,5	121
KBPB614.185	1/4	1/8	5+5	20	-	15,5	151
KBPB614.142	3/8	1/4	2+2	20	-	19	74
KBPB614.143	3/8	1/4	3+3	20	-	19	110
KBPB614.144	3/8	1/4	4+4	20	-	19	146
KBPB614.144	3/8	1/4	5+5	20	-	19	182

PORCA

NUT



REF.	F	F1	CH	P	P1	L
KBPB222.0408	4	M8X1	-	-	-	-
KBPB222.0508	5	M8X1	-	-	-	-
KBPB222.0610	6	M10X1	-	-	-	-
KBPB222.0712	7	M12X1	-	-	-	-
KBPB222.0812	8	M12X1	-	-	-	-
KBPB222.1014	10	M14X1	-	-	-	-
KBPB222.1216	12	M16X1	-	-	-	-
KBPB222.1418	14	M18X1	-	-	-	-
KBPB222.1520	15	M20X1	-	-	-	-

PORCA LATÃO

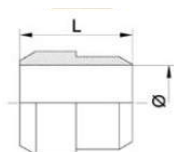
BRASS NUT



REF.	F	F1	CH	P	P1	L
KBPB223.0408	4	M8X1	-	-	-	-
KBPB223.0610	6	M10X1	-	-	-	-
KBPB223.0812	8	M12X1	-	-	-	-
KBPB223.1016	10	M16X1.5	-	-	-	-
KBPB223.1218	12	M18X1.5	-	-	-	-
KBPB223.1420	14	M20X1.5	-	-	-	-
KBPB223.1520	15	M20X1.5	-	-	-	-

ANEL

OGIVA



REF.	F	F1	CH	P	P1	L
KBPB313.04	4	-	-	-	-	6
KBPB313.05	5	-	-	-	-	6
KBPB313.06	6	-	-	-	-	7,5
KBPB313.07	7	-	-	-	-	7
KBPB313.08	8	-	-	-	-	7
KBPB313.10	10	-	-	-	-	7
KBPB313.12	12	-	-	-	-	7
KBPB313.14	14	-	-	-	-	7
KBPB313.15	15	-	-	-	-	8

DUPLO CONE

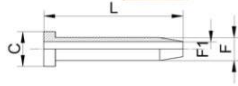
DOUBLE CONE



REF.	F	F1	CH	P	P1	L
KBPB316.02	4	-	-	-	-	-
KBPB316.04	6	-	-	-	-	-
KBPB316.06	8	-	-	-	-	-
KBPB316.08	10	-	-	-	-	-
KBPB316.04	12	-	-	-	-	-
KBPB316.06	14	-	-	-	-	-
KBPB316.08	16	-	-	-	-	-

REFORÇO INTERIOR

INTERNAL SUPPORT



REF.	F	F1	CH	P	P1	L
KBPB431.02	2	3,5	14	-	-	8
KBPB431.04	4	5	17	-	-	12
KBPB431.06	6	7	20	-	-	15
KBPB431.08	8	9	24	-	-	15
KBPB431.16	9	10	41	-	-	15
KBPB431.101	10	11	14	-	-	15
KBPB431.121	12	13	17	-	-	17

PISTOLA AR

BLOW GUN



REF.	A	B	D	P	F	L
761000.M200	1/4	-	-	-	-	-

PISTOLA BICO LONGO

BLOW GUN WITH EXTENSION



REF.	A	B	D	P	F	L
761000.M201	1/4	-	-	-	-	-

PISTOLA COM MANÓMETRO

BLOW GUN WITH GAUGE



REF.	A	B	D	P	F	L
76100.32L	1/4	-	-	-	-	-

NIPPLE

NIPPLE



REF.	A	B	D	P	F	L
KBPPC8E72BF	-	-	-	-	-	-

PRESSOSTATO

PRESSURE SWITCH



REF.	DESCRIÇÃO DESCRIPTION	P	P1	L
58000.2002	220V 1/4" 9,8 BAR	-	-	6

MANÓMETRO

MANOMETER



REF.	ROSCA THREAD	D	PR	P	P1	L
MBX-1/8M40-10	1/8	40mm	0-10bar	HORIZONTAL	-	-
MBX-1/8M40-12	1/8	40mm	0-12bar	HORIZONTAL	-	-
MBX1/8M50	1/8	50mm	0-10bar	HORIZONTAL	-	-
MBX-1/8M50-12	1/8	50mm	0-12bar	HORIZONTAL	-	-
MBX-1/4M50-10	1/4	50mm	0-10bar	HORIZONTAL	-	-
MBX-1/4M50-12	1/4	50mm	0-12bar	HORIZONTAL	-	-
MBX-1/4M50-12V	1/4	50mm	0-12bar	VERTICAL	-	-

REGULADOR

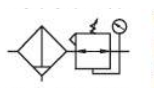
REGULATOR



REF.	ROSCA THREAD	FLUXO FLOW RATE	REGULAÇÃO REGULATION	MAX	TEMP	L
ARBX14	1/4	2050NI/min	0-8bar	15bar	-10°C / +50°C	61
ARBX38	3/8	3200NI/min	0-8bar	15bar	-10°C / +50°C	91
ARBX12	½	6200NI/min	0-8bar	15bar	-10°C / +50°C	121
ARBX01	1"	6200NI/min	0-8bar	15bar	-10°C / +50°C	151

FILTRO REGULADOR

REGULATOR FILTER



REF.	ROSCA THREAD	FLUXO FLOW RATE	REGULAÇÃO REGULATION	MAX	TEMP	L
ARRBX14	1/4	2050NI/min	0-8bar	15bar	-10°C / +50°C	61
ARRBX38	3/8	3200NI/min	0-8bar	15bar	-10°C / +50°C	91
ARRBX12	½	6200NI/min	0-8bar	15bar	-10°C / +50°C	121
ARRBX01	1"	6200NI/min	0-8bar	15bar	-10°C / +50°C	151

FILTRO REG. + LUBRIFICADOR

FILTER REG. + LUBRICATOR



REF.	ROSCA THREAD	FLUXO FLOW RATE	REGULAÇÃO REGULATION	MAX	TEMP	L
ARLBX14	1/4	2050NI/min	0-8bar	15bar	-10°C / +50°C	61
ARLBX38	3/8	3200NI/min	0-8bar	15bar	-10°C / +50°C	91
ARLBX12	½	6200NI/min	0-8bar	15bar	-10°C / +50°C	121
ARLBX01	1"	6200NI/min	0-8bar	15bar	-10°C / +50°C	151

PRESSOSTATO

PRESSURE SWITCH



REF.	ROSCA THREAD	FLUXO FLOW RATE	REGULAÇÃO REGULATION	MAX	TEMP	L
58000.212	1/8	Aberto / Open	-	-	-	-
58000.211	1/8	Fechado / Close	-	-	-	-
BXTX0017	-	Tampa 90° / Caps 90°	-	-	-	-
BXTX0018	-	Tampa / Caps	-	-	-	-

PEDAL C/PROTECÇÃO

PEDAL WITH PROTECTION



REF.	ROSCA THREAD	FLUXO FLOW RATE	REGULAÇÃO REGULATION	P	P1	L
BXVP40010531	1/4	5/2	Mono-Stable			
BXVP40011531	1/4	5/2	With Safety Stop, Mono-Stable			
BXVP40011532	1/4	5/2	Bi-Stable			

PEDAL SEM PROTECÇÃO

PEDAL WITHOUT PROTECTION



REF.	ROSCA THREAD	F1	DESCR.	P	P1	L
BXVP40000531	1/4	5/2	Mono-Stable			
BXVP40000532	1/4	5/2	Bi-Stable			

PEDAL3/2



REF.	TUBO	DESCR.	DESC.	O	MAX	T	L
BXVP40200301	4mm	3/2	Mono-Stable	-	-	-	-

BOBINA COIL



REF.	ROSCA THREAD	FLUXO FLOW RATE	R	MAX	TEMP	L
BXBO4011024	-	BOBINA / COIL 24VDC	-	-	-	-
BXBO4012024	-	BOBINA / COIL 24VAC	-	-	-	-
BXBO4012110	-	BOBINA / COIL 110VAC	-	-	-	-
BXBO4012220	-	BOBINA / COIL 220VAC	-	-	-	-
BXAR40696	-	CONNECTOR STANDARD	-	-	-	-

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MICRO VALVULAS
MICRO VALVES

REF. 000



VALV. SOLENOIDE 15 MM
SOLENOID VALVES 15mm

REF. SM 15MM



VALV. SOLENOIDE 10 MM
SOLENOID VALVES 10mm

REF. SM 100MM



VALVULAS SOLENOIDE
DIRECTLY OPERATED
SOLENOID VALVES

REF. VD



VALVULAS SOLENOIDE
MODULAR DIRECTLY OPE-
RATED SOLENOID VALVES

REF. VP



VALVULAS SOLENOIDE
SOLENOID ACTUATED
VALVES

REF. VY



MULTI CONECTOR
MULTI CONNECTOR FOR
VY SERIES

REF. SM



VÁLVULA VIA PNEUMÁTICA
PNEUMATIC ACTUATED
VALVES

REF. VK



VÁLVULAS NAMUR
NAMUR VALVES

REF. VU



VÁLVULA ISO 5499
TAMANHO 1 E 2
ISO 5499-1 VALVES - SIZE 1
AND 2

REF. VI



VÁLVULAS MANUAIS
MANUAL ACTUATED VALVES

REF. VM



ACIONADOR PAINEL
ACTUATORS FOR PANEL
MOUNTING

REF. AP



VÁLVULAS ACIONADAS
MECANICAMENTE
MECHANICALLY ACTUATED
VALVES

REF. VM



PEDAL
PEDAL VALVES

REF. VP



CILINDRO ISO 6432
CYLINDERS ISO 6432

REF. MC30



CILINDRO ISO 6432 AÇO INOX
CYLINDERS ISO STAINLESS STEEL

REF. VM



CILINDRO REDONDO
ROUND CYLINDERS

REF. CT



CILINDRO ISO 15552 SÉRIE CY
CYLINDERS ISO 15552 CY SERIES

REF. CY



CILINDRO ISO 15552 SÉRIE CZ
CYLINDERS ISO 15552 - CZ SERIES

REF. CZ



CILINDRO ISO 15552 SÉRIE CQ
CYLINDERS ISO 15552 - CQ SERIES

REF. CQ



CILINDRO DUPLA HASTE
TWIN ROD CYLINDERS

REF. CA



CILINDRO COMPACTO ISO 21287
ISO 21287 COMPACT CYLINDERS

REF. CM



CILINDRO ISO 15552 AÇO INOX
CYLINDERS ISO 15552 - STAINLESS STEEL

REF. CX



CILINDRO COMPACTO 125-160-200
COMPACT CYLINDERS 125-160-200

REF. CR



GUIA CILINDRO COMPACTO 4 SÉRIE
GUIDE COMPACT CYLINDERS 4-SERIES

REF. CC4



GUIA CILINDRO COMPACTO 6 SÉRIE
GUIDE COMPACT CYLINDERS 6-SERIES

REF. CC6



CILINDRO COMPACTO SHORT STROKE CYLINDERS

REF. CE



CILINDRO LINEARES RODLESS CYLINDERS

REF. SS



ANTI-TORÇÃO ROD LOCK

REF. BS



ANTI-TORÇÃO MANUAL
 ROD LOCK WITH MANUAL
 UNBLOCK

REF. BS



ANTI-TORÇÃO DINÂMICA
 DYNAMIC ROD LOCK

REF. BS



CILINDRO DE BLOQUEIO
 STOPPER CYLINDERS

REF. BS



GUIAS
 GUIDE UNITS

REF. UG



CILINDROS ROTATIVOS RY
 ROTARY CYLINDERS RY
 SERIES

REF. RY



CILINDROS ROTATIVOS
 ROTARY ACTUATORS

REF. AT



**CILINDROS C/ CONTROLA-
 DOR DE VELOCIDADE**
 HYDRAULIC SPEED
 CONTROL

REF. RI



**CILINDROS
 ÓLEO-PNEUMÁTICOS**
 OIL PNEUMATIC
 CYLINDER

REF. CO

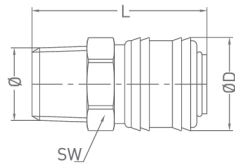


TOMADA ROSCA MACHO
MALE THREAD COUPLING

REF. KBPB501.04 | 1/4

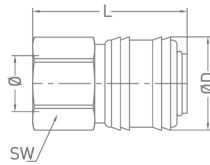
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REF. KBPB501.08 | 1/2



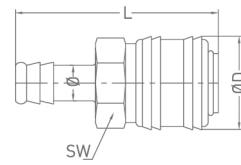
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FEMALE THREAD COUPLING

REF. KBPB503



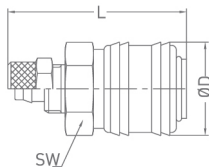
TOMADA P/ MANGUEIRA
STANDARD HOSE BARB
COUPLING

REF. KBPB506



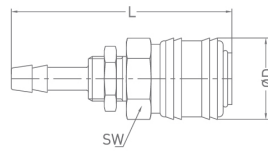
TOMADA P/ TUBO
PNEUMÁTICO
PLASTIC HOSE COUPLING

REF. KBPB505



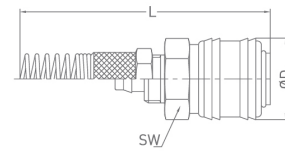
TOMADA PASSA PAREDE
PANEL STANDARD HOSE
COUPLING

REF. RY



TOMADA C/ PROTECÇÃO
PLASTIC HOSE COUPLING
W/ SPING

REF. AT



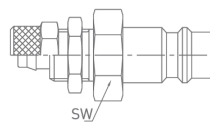
ENCAIXE MANGUEIRA
STANDARD HOSE
COUPLING

REF. KBPB511



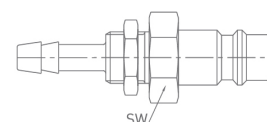
ENCAIXE TUBO PNEUMÁTICO
PANEL MOUNT PLASTIC
HOSE PLUG

REF. KBPB520



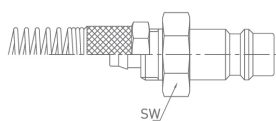
ENCAIXE P/ PASSA PAREDE
PANEL MOUNT STANDARD
HOSE PLUG

REF. KBPB522



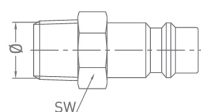
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TECÇÃO
PLASTIC HOSE PLUG W/ SPRING

REF. KBPB524



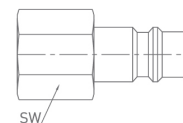
ENCAIXE ROSCA MACHO
MALE THREAD PLUG

REF. KBPB509



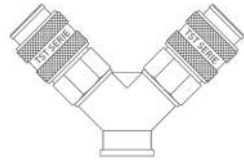
ENCAIXE ROSCA FÊMEA
FEMALE THREAD PLUG

REF. KBPB510



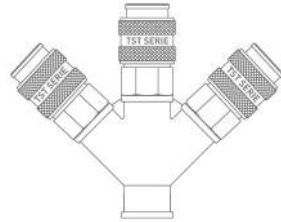
DERIVAÇÃO DUPLA
2 WAY COUPLINGS

REF. KBPB526



DERIVAÇÃO TRIPLA
3 WAY COUPLINGS

REF. KBPB528



TOMADA PCL STANDARD

REF.	DESCRIÇÃO • DESCRIPTION	PLC
KBPBAC21CM	TOMADA PCL STANDARD 1/4 MACHO	AC21CM
KBPBAC21EM	TOMADA PCL STANDARD 3/8 MACHO	AC21EM
KBPBAC21JM	TOMADA PCL STANDARD 1/2 MACHO	AC21JM

TOMADA PCL STANDARD

REF.	DESCRIÇÃO • DESCRIPTION	PLC
KBPBAC21CF	TOMADA PCL STANDARD 1/4 FÊMEA	AC21CF
KBPBAC21EF	TOMADA PCL STANDARD 3/8 FÊMEA	AC21EF
KBPBAC21JF	TOMADA PCL STANDARD 1/2 FÊMEA	AC21JF

TOMADA PCL STANDARD

REF.	DESCRIÇÃO • DESCRIPTION	PLC
KBPBAC21R	TOMADA PCL STANDARD MANG. 1/4	AC21R
KBPBAC21S	TOMADA PCL STANDARD MANG. 5/16	AC21S
KBPBAC21T	TOMADA PCL STANDARD MANG. 1/2	AC21T

TOMADA PCL STANDARD

REF.	DESCRIÇÃO • DESCRIPTION	PLC
KBPBAC4CM	TOMADA PCL SERIE 60 1/4 MACHO	AC4CM
KBPBAC4EM	TOMADA PCL SERIE 60 3/8 MACHO	AC4EM
KBPBAC4JM	TOMADA PCL SERIE 60 1/2 MACHO	AC4JM

TOMADA PCL STANDARD

REF.	DESCRIÇÃO • DESCRIPTION	PLC
KBPBAC4CF	TOMADA PCL SERIE 60 1/4 FÊMEA	AC4CF
KBPBAC4EF	TOMADA PCL SERIE 60 3/8 FÊMEA	AC4EF
KBPBAC4JF	TOMADA PCL SERIE 60 1/2 FÊMEA	AC4JF

TOMADA PCL STANDARD

REF.	DESCRIÇÃO • DESCRIPTION	PLC
KBPBAC5EF	TOMADA PCL SERIE 100 3/8 FÊMEA	AC5EF
KBPBAC5JF	TOMADA PCL SERIE 100 1/2 FÊMEA	AC5JF

PCL · PCL

TOMADA PCL STANDARD

REF.	DESCRIÇÃO • DESCRIPTION	PLC
KBPBAC5EM	TOMADA PCL SERIE 100 3/8 MACHO	AC5EM
KBPBAC5JM	TOMADA PCL SERIE 100 1/2 MACHO	AC5JM

ADAPTADOR PCL

REF.	DESCRIÇÃO • DESCRIPTION	PLC
KBPBACA2593	ADAPTADOR PCL STANDARD 1/4 MACHO	ACA2593
KBPBACA6909	ADAPTADOR PCL STANDARD 3/8 MACHO	ACA6909
KBPBACA6584	ADAPTADOR PCL STANDARD 1/2 MACHO	ACA6584

ADAPTADOR PCL

REF.	DESCRIÇÃO • DESCRIPTION	PLC
KBPBACA2746	ADAPTADOR PCL STANDARD 1/4 FÊMEA	ACA2746
KBPBACA6582	ADAPTADOR PCL STANDARD 3/8 FÊMEA	ACA6582
KBPBACA6582	ADAPTADOR PCL STANDARD 1/2 FÊMEA	ACA6583

ADAPTADOR PCL

REF.	DESCRIÇÃO • DESCRIPTION	PLC
KBPBACA1793	ADAPTADOR PCL STANDARD MANG. 1/4	ACA1792
KBPBACA2487	ADAPTADOR PCL STANDARD MANG. 5/16	ACA2487
KBPBACA2488	ADAPTADOR PCL STANDARD MANG. 3/8	ACA2488
KBPBACA9438	ADAPTADOR PCL STANDARD MANG. 1/2	ACA9438

ADAPTADOR PCL

REF.	DESCRIÇÃO • DESCRIPTION	PLC
KBPBACA2657	ADAPTADOR PCL SERIE 60 1/4 MACHO	ACA2657
KBPBACA2661	ADAPTADOR PCL SERIE 60 3/8 MACHO	ACA2661

ADAPTADOR PCL

REF.	DESCRIÇÃO • DESCRIPTION	PLC
KBPBACA2653	ADAPTADOR PCL SERIE 60 1/4 FÊMEA	ACA2653
KBPBACA2660	ADAPTADOR PCL SERIE 60 3/8 FÊMEA	ACA2660

ADAPTADOR PCL

REF.	DESCRIÇÃO • DESCRIPTION	PLC
KBPBACA2654	ADAPTADOR PCL SERIE 60 MANG. 1/4	ACA2654
KBPBACA2658	ADAPTADOR PCL SERIE 60 MANG. 3/8	ACA2658
KBPBACA2659	ADAPTADOR PCL SERIE 60 MANG. 1/2	ACA2659

ADAPTADOR PCL

REF.	DESCRIÇÃO • DESCRIPTION	PLC
KBPBACA2999	ADAPTADOR PCL SERIE 100 3/8 MACHO	ACA2999
KBPBACA3035	ADAPTADOR PCL SERIE 100 3/8 MACHO	ACA3035

ADAPTADOR PCL

REF.	DESCRIÇÃO • DESCRIPTION	PLC
KBPBACA2994	ADAPTADOR PCL SERIE 100 3/8 FÊMEA	ACA2994

ADAPTADOR PCL

REF.	DESCRIÇÃO • DESCRIPTION	PLC
KBPBACA3037	ADAPTADOR PCL SERIE 100 MANG. 3/8	ACA3037
KBPBACA3037	ADAPTADOR PCL SERIE 100 MANG. 1/2	ACA3036



REF.	MODELO MODEL	TIPO TYPE	PRESSÃO (BAR) PRESSURE(BAR)	MANGUEIRA(M) HOSE	PONTEIRA
D550	D10 / D16	PAREDE	0-10	7.60	DUPLO ENCAIXE
D554	D12	PAREDE	0-10	7.60	DUPLO ENCAIXE



REF.	MODELO MODEL	TIPO TYPE	PRESSÃO (BAR) PRESSURE(BAR)	MANGUEIRA(M) HOSE	PONTEIRA
D556	D10	PAREDE	0-10	7.60	DUPLO ENCAIXE
D555	D20	PEDESTAL	0-10	7.60	DUPLO ENCAIXE



REF.	DESCRIÇÃO DESCRIPTION
PG1H095/IV	BALANÇA DE PAVIMENTO
KBPBAC5JF	BALANÇA DE PAVIMENTO C/ DEP. 6L



REF.	DESCRIÇÃO DESCRIPTION
FP1P01	BOMBA DE PÉ SEM MANÓMETRO
FP1P01	BOMBA DE PÉ COM MANÓMETRO
FP4H02/2	BOMBA DE PÉ COM MANÓMETRO
FP7H02/2	BOMBA DE PÉ SEM MANÓMETRO



REF.	DESCRIÇÃO DESCRIPTION
CO1A03	PONTEIRA ENCHIMENTO PNEUS
CO1B03	PONTEIRA ENCHIMENTO PNEUS
CO3A03	PONTEIRA ENCHIMENTO PNEUS
CO3B03	PONTEIRA ENCHIMENTO PNEUS
CO2F03	PONTEIRA ENCHIMENTO PNEUS
CO2J03	PONTEIRA ENCHIMENTO PNEUS
CO8E72	PONTEIRA ENCHIMENTO PNEUS



REF.
AFGH03
KBPBAFG1HO3

DESCRIÇÃO
DESCRIPTION
MANÓM. ENCHER PNEUS LONG
MANÓMETRO ENCHER PNEUS



REF.
AWG01

DESCRIÇÃO
DESCRIPTION
PISTOLA AR - ÁGUA



REF.
SSG01

DESCRIÇÃO
DESCRIPTION
PISTOLA DE PARAFINAR



REF.
BG5002

DESCRIÇÃO
DESCRIPTION
PISTOLA DE SOPRO



REF.
TVT05

DESCRIÇÃO
DESCRIPTION
REPARADOR DE VÁLVULAS



REF.
TDG16C05

DESCRIÇÃO
DESCRIPTION
MEDIDOR DE PISO



REF.	DESCRIÇÃO DESCRIPTION
TPG60H03	MANÓMETRO BOLSO DE ESCALA
TPG1H01	MANÓMETRO BOLSO DE ESCALA
TPG4H017	MANÓMETRO BOLSO DE ESCALA
TPG15H03	MANÓMETRO BOLSO DE ESCALA
TPG20H01	MANÓMETRO BOLSO DE ESCALA
TPG54H03	MANÓMETRO BOLSO DE ESCALA
TPG57H03	MANÓMETRO BOLSO DE ESCALA



REF.	DESCRIÇÃO DESCRIPTION
HC5656	RACCORD ROSCA 1/4 MANG. 6MM
HC1205	RACCORD ROSCA 1/4 MANG. 4MM
HC1206	RACCORD ROSCA 1/4 MANG. 8MM
HC1217	RACCORD ROSCA 1/4 MANG. 10MM
HC2479	RACCORD ROSCA 1/4 MANG. 12MM
HC6904	RACCORD ROSCA 3/8 MANG. 6MM
HC6905	RACCORD ROSCA 3/8 MANG. 8MM
HC2951	RACCORD ROSCA 3/8 MANG. 10MM
HC2808	RACCORD ROSCA 3/8 MANG. 12MM
HC6908	RACCORD ROSCA 1/2 MANG. 10MM
HC2954	RACCORD ROSCA 1/2 MANG. 12MM

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