

BOQUILLAS DE REFRIGERACIÓN DE ALTA PRESIÓN

- Para tornos CNC – Centros de mecanizado***
- Para fluidos y aire comprimido***

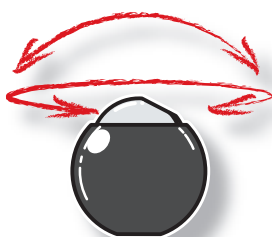


KODISER

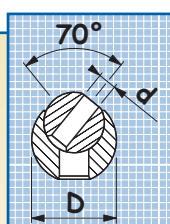
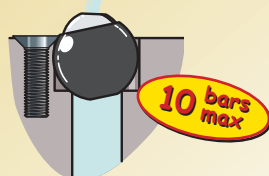
La Peña, 6 - Pab. 18 - 01013 VITORIA-GASTEIZ
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e-mail: kodiser@kodiser.com - <http://www.kodiser.com>

JET ORIENTABLE ALTA PRESIÓN

Para tornos CNC
Porta herramientas



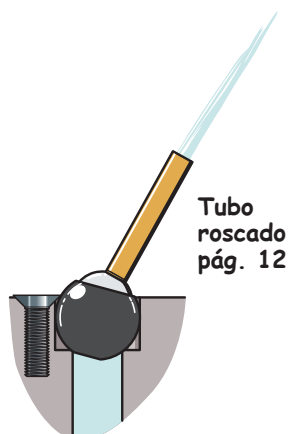
Jet con rótula



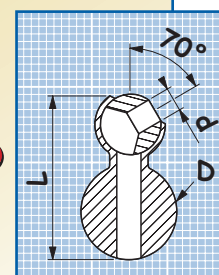
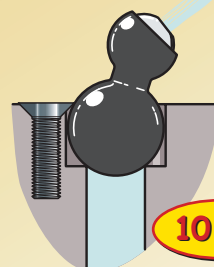
(D)	jet (d)	Ref.
10 mm	2,8 mm	BE0112
12 mm	4 mm	BE0107
14 mm	4 mm	BE0108
15 mm	4 mm	BE0109
18 mm	4 mm	BE2020
22 mm	5,5 mm	BE0110

Ø jet (agujero roscado)

(D)	d	Ref.
10 mm	M 3,5 x 0,6	BE0212
12 mm	M 4 x 0,7	BE0222
14 mm	M 4 x 0,7	BE0232
15 mm	M 4 x 0,7	BE0242
18 mm	M 5 x 0,8	BE2032
22 mm	M 6 x 1,0	BE0252
3/8"	M 3,5 x 0,6	BE0262
1/2"	M 4 x 0,7	BE0272
5/8"	M 4 x 0,7	BE0282



Jet elevado



Ø jet (mm)

D	d	L	Ref.
12 mm	2,8	28	BU2305
12 mm	4	28	BU2310
14 mm	2,8	30,5	BU2315
14 mm	4	30,5	BU2320
15 mm	2,8	33	BU2325
15 mm	4	33	BU2330
22 mm	2,8	38	BU2335
22 mm	4	38	BU2340

Ø jet (agujero roscado)

D	d	L	Ref.
12 mm	M 6	28	BU2312
14 mm	M 6	30,5	BU2322
15 mm	M 6	33	BU2332
22 mm	M 6	38	BU2342

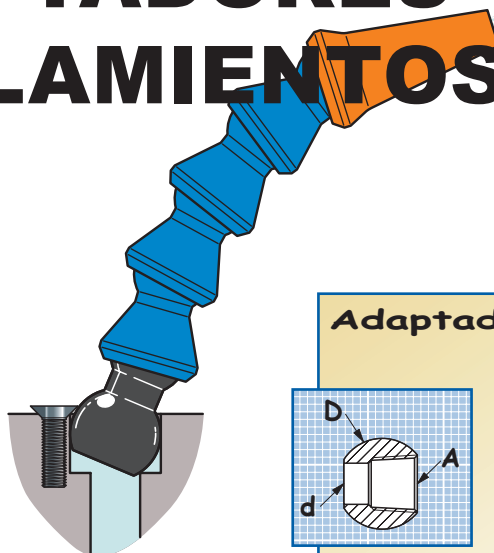
- Temperatura máxima: 70°
- Cuerpo de acetal
- Jet de acero inox



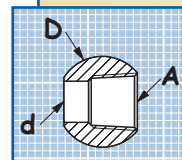
ADAPTADORES ACOPLAMIENTOS

Cuerpo de **ACETAL**

- Temperatura max 70°C
- Presión 10 bar



Adaptador



10 bars max

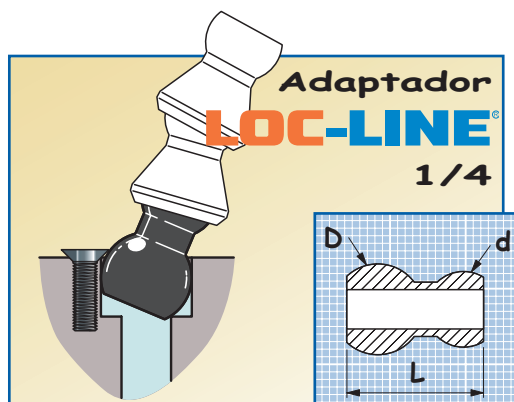
1/8 NPT

Material **Acetal**

D	A	d	Ref.
14 mm	1/8"	6,35	OB6512
15 mm	1/8"	6,35	OB6518
22 mm	1/8"	6,35	OB6530

Material **Latón**

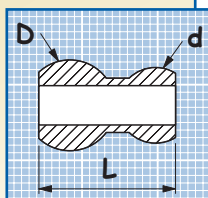
D	A	d: hexag.	Ref.
14 mm	1/8"	7/32"	OB6612
15 mm	1/8"	7/32"	OB6618
22 mm	1/8"	7/32"	OB6630



Adaptador

LOC-Line

1/4

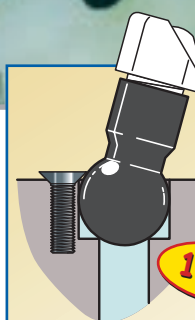


Material **Acetal**

D	(d)	L	Ref.
10 mm	loc-Line 1/4"	16	OB6501
12 mm	Loc-Line 1/4"	17	OB6502
14 mm	Loc-Line 1/4"	19,3	OB6508
15 mm	Loc-Line 1/4"	20,6	OB6514
22 mm	Loc-Line 1/4"	28,5	OB6526

Material **Latón**

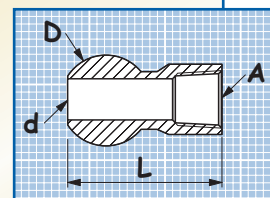
D	(d)	L	Ref.
10 mm	loc-Line 1/4"	16,25	OB6601
12 mm	Loc-Line 1/4"	17	OB6602
14 mm	Loc-Line 1/4"	19,6	OB6608
15 mm	Loc-Line 1/4"	20,6	OB6614
22 mm	Loc-Line 1/4"	29,2	OB6626



Adaptadores
largos

10 bars max

1/8 NPT

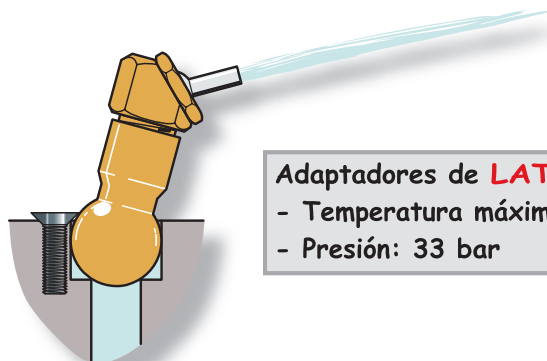


Material **Acetal**

D	A	d	L	Ref.
12 mm	1/8"	6,35	38	OB6506

Material **Latón**

D	A	D hexag.	L	Ref.
12 mm	1/8"	7/32	38	OB6606

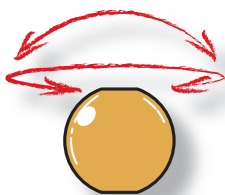


Adaptadores de **LATON**

- Temperatura máxima 148°C
- Presión: 33 bar

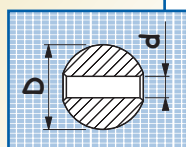
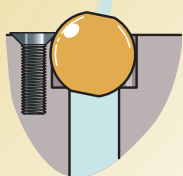
JET ORIENTABLES DE LATON

Para tornos CNC



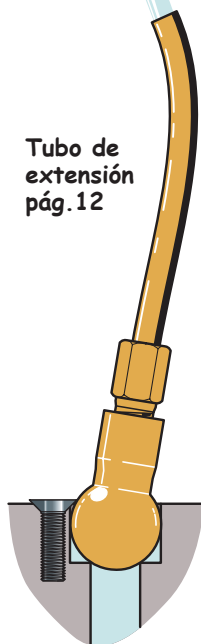
33 bars
max

Jet lisos

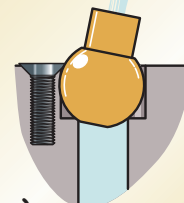
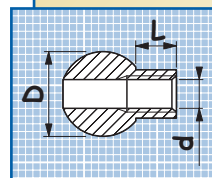


(D)	jet (d)	Ref.
10 mm	2,8 mm	BB1004
10 mm	4 mm	BB1007
11 mm	2,8 mm	BB1014
11 mm	4 mm	BB1015
12 mm	4 mm	BB1024
12 mm	5,5 mm	BB1027
14 mm	4 mm	BB1037
14 mm	5,5 mm	BB1040
15 mm	4 mm	BB1049
15 mm	5,5 mm	BB1052
22 mm	4 mm	BB1071
22 mm	5,5 mm	BB1074

Tubo de
extensión
pág.12



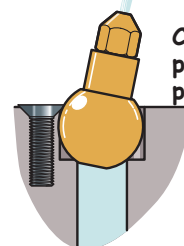
Jet con rosca



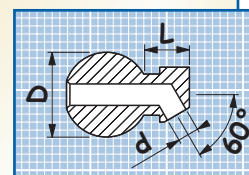
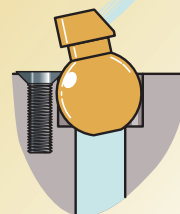
Ø jet (mm)

D	d	L	Ref.
10 mm	M 6	0	BB1001
11 mm	M 5	6	BB1016
12 mm	M 5	6	BB1018
14 mm	M 6	7,9	BB1031
15 mm	M 6	7,9	BB1043
22 mm	M 6	7,9	BB1065

Con
pulverizador
pág. 13



Jet liso angular



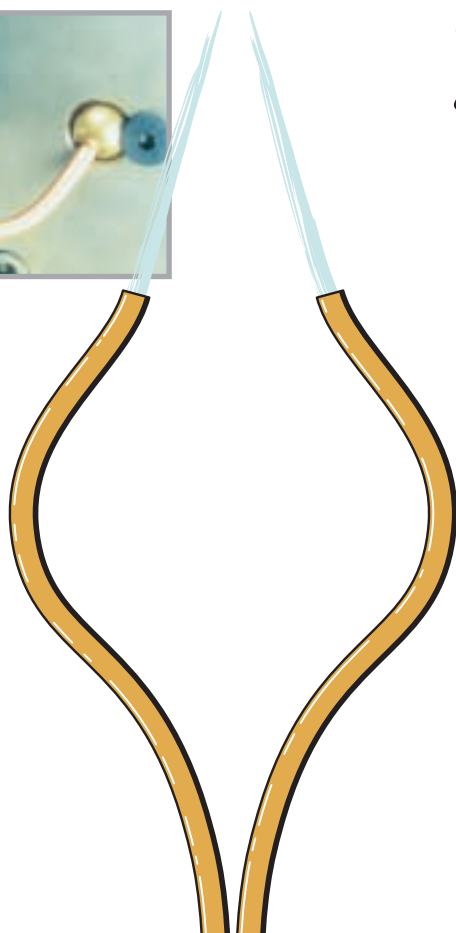
Ø jet (mm)

D	d	L	Ref.
10 mm	2,8	6,35	BB1012
11 mm	4	9,15	BB1017
12 mm	4	9,15	BB1021
14 mm	4	9,15	BB1034
15 mm	4	9,15	BB1046
22 mm	4	9,15	BB1068

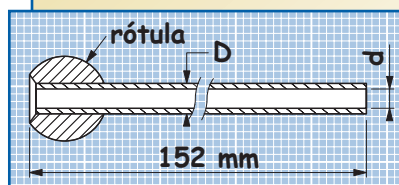
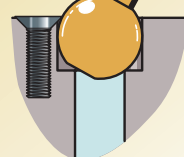


JET ORIENTABLES

Se puede adaptar a la figura deseada



Tubo de cobre

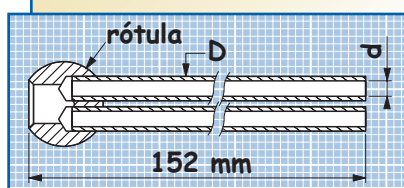
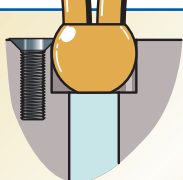


33 bars max

Ø jet (mm)

Ø	d	tubo D	Ref.
9 mm	3	4,7	LP5501
10 mm	3	4,7	LP5502
11 mm	3	4,7	LP5504
12 mm	3	4,7	LP5506
12 mm	4,6	6,35	LP5508
14 mm	3	4,7	LP5510
14 mm	4,6	6,35	LP5512
15 mm	3	4,7	LP5514
15 mm	4,6	6,35	LP5516
18 mm	3	4,7	LP5518
18 mm	4,6	6,35	LP5520
22 mm	3	4,7	LP5522
22 mm	4,6	6,35	LP5524

Tubo de cobre

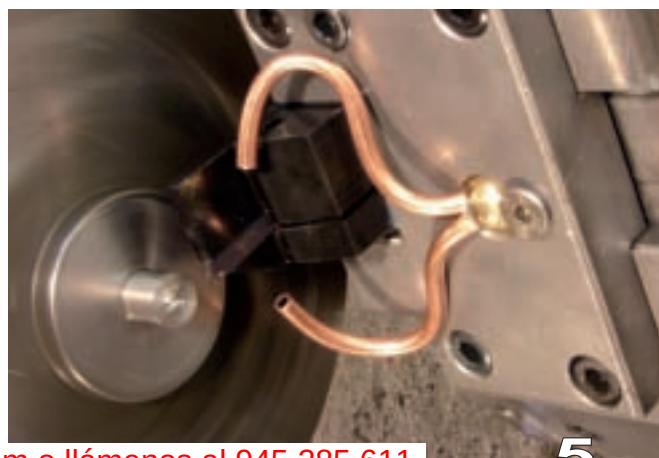


33 bars max

Ø jet (mm)

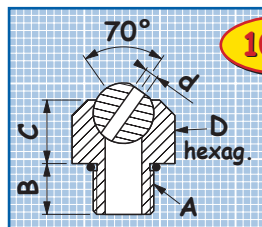
Ø	d	tubo D	Ref.
12 mm	3	4,7	TP5815
14 mm	3	4,7	TP5820
15 mm	3	4,7	TP5825
18 mm	3	4,7	TP5827
22 mm	3	4,7	TP5830

- Rótula de latón
- Tubo de cobre
- Temperatura máx. 148°C



BOQUILLAS CON ROSCA

Unidades compactas con junta de estanqueidad para aire



Jet lisos

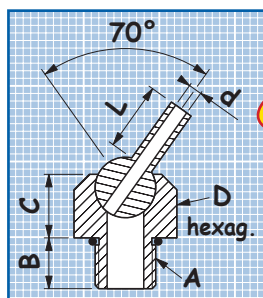
Ø jet (mm)					
A	(d)	B	C	D	Ref.
Métrico					
M 10 x 1,25	2,8	9,15	10,4	17	JB9005
M 10 x 1,25	4	9,15	10,4	17	JB9020
M 10 x 1,5	2,8	9,15	10,4	17	JB9035
M 10 x 1,5	4	9,15	10,4	17	JB9050
M 12 x 1,75	2,8	9,15	10,4	17	JB9065
M 12 x 1,75	4	9,15	10,4	17	JB9080

NPT

1/8"	2,8	10,15	10,4	17	JB9100
1/8"	4	10,15	10,4	17	JB9134
1/4"	2,8	12,2	10,4	17	JB9142
1/4"	4	12,2	10,4	17	JB9101
3/8"	2,8	12,2	10,4	17	JB9166
3/8"	4	12,2	10,4	17	JB9154
3/8"	5,6	12,2	10,4	17	JB9102

Ø jet (agujero roscado)

A	(d) unf	B	C	D	Ref.
Métrique					
M 10 x 1,25	M 5	9,15	10,4	17	JB9033
M 10 x 1,5	M 5	9,15	10,4	17	JB9063
M 12 x 1,75	M 5	9,15	10,4	17	JB9093
NPT					
1/8"	M 5	10,15	10,4	17	JB9141
1/4"	M 5	12,2	10,4	17	JB9153
3/8"	M 6	12,2	10,4	17	JB9165



Agujero roscado

Ø jet (mm)					
A	(d) x L	B	C	D	Ref.
Métrico					
M 10 x 1,25	2,8 x 6,35	9,15	10,4	17	JB9010
M 10 x 1,25	2,8 x 12,7	9,15	10,4	17	JB9013
M 10 x 1,25	2,8 x 31,7	9,15	10,4	17	JB9015
M 10 x 1,25	4 x 12,7	9,15	10,4	17	JB9025
M 10 x 1,25	4 x 31,7	9,15	10,4	17	JB9030
M 10 x 1,5	2,8 x 6,35	9,15	10,4	17	JB9040
M 10 x 1,5	2,8 x 12,7	9,15	10,4	17	JB9043
M 10 x 1,5	2,8 x 31,7	9,15	10,4	17	JB9045
M 10 x 1,5	4 x 12,7	9,15	10,4	17	JB9055
M 10 x 1,5	4 x 31,7	9,15	10,4	17	JB9060
M 12 x 1,75	2,8 x 6,35	9,15	10,4	17	JB9070
M 12 x 1,75	2,8 x 12,7	9,15	10,4	17	JB9073
M 12 x 1,75	2,8 x 31,7	9,15	10,4	17	JB9075
M 12 x 1,75	4 x 12,7	9,15	10,4	17	JB9085
M 12 x 1,75	4 x 31,7	9,15	10,4	17	JB9090
M 20 x 1,5	4 x 19	12,7	15,2	24	JB9095
M 20 x 1,5	4 x 38	12,7	15,2	24	JB9094
M 20 x 1,5	5,6 x 19	12,7	15,2	24	JB9096
M 20 x 1,5	5,6 x 38	12,7	15,2	24	JB9098
M 20 x 1,5	7,1 x 19	12,7	15,2	24	JB9097
M 20 x 1,5	7,1 x 38	12,7	15,2	24	JB9099
NPT					
1/8"	2,8 x 6,35	10,15	10,4	17	JB9130
1/8"	2,8 x 12,7	10,15	10,4	17	JB9131
1/8"	2,8 x 31,7	10,15	10,4	17	JB9132
1/8"	4 x 12,7	10,15	10,4	17	JB9136
1/8"	4 x 31,7	10,15	10,4	17	JB9138
1/4"	2,8 x 6,35	12,2	10,4	17	JB9144
1/4"	2,8 x 12,7	12,2	10,4	17	JB9145
1/4"	2,8 x 31,7	12,2	10,4	17	JB9146
1/4"	4 x 12,7	12,2	10,4	17	JB9148
1/4"	4 x 31,7	12,2	10,4	17	JB9150
3/8"	2,8 x 12,7	12,2	10,4	17	JB9168
3/8"	2,8 x 31,7	12,2	10,4	17	JB9170
3/8"	4 x 12,7	12,2	10,4	17	JB9156
3/8"	4 x 31,7	12,2	10,4	17	JB9158
3/8"	5,6 x 12,7	12,2	10,4	17	JB9160
3/8"	5,6 x 31,7	12,2	10,4	17	JB9162

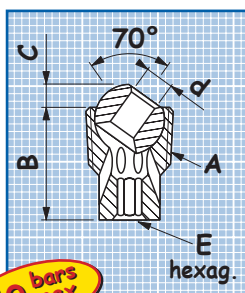


Tubo roscado
pág. 12

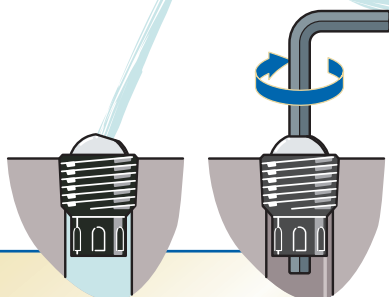
- Temperature 70°C
- Cuerpo acetal
- Jet inox



JET ROSCADOS



10 bars max

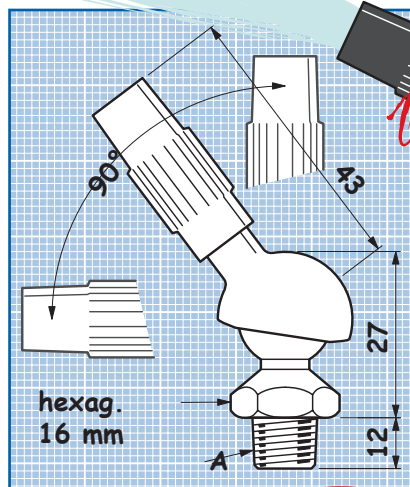


Jet Roscados

Ø jet (mm)

A	(d)	B	C	E	Ref.
1/8" NPT	4	12,7	3	9/64	PJ0510
1/8" BSPT	4	12,7	3	9/64	PJ0520
1/4" NPT	4	15,7	3,8	9/64	PJ0530
3/8" NPT	5,6	19,05	4,5	3/16	PJ0540

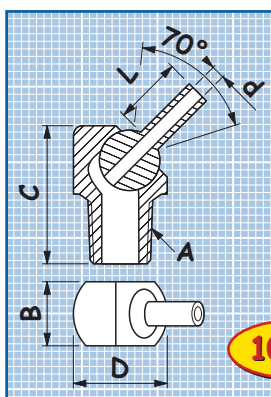
- Temperature max. 70°C
- Cuerpo de acetal
- Jet de inox



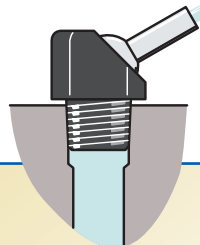
6,7 bars max

Jet regulable para centros CNC

A	inclinación rotación	Ref.
1/4" NPT	90° / 360°	MJ0117
1/8" NPT		MJ3010



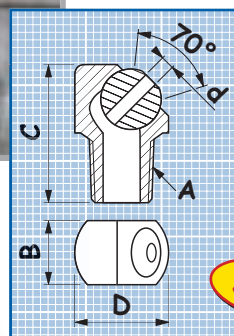
10 bars max



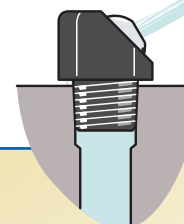
NPT

Ø jet (mm)

A	(d) x L	B	C	D	Ref.
1/8"	2,8 x 6,35	12,7	20,8	16	TJ0130
1/8"	2,8 x 12,7	12,7	20,8	16	TJ0131
1/8"	2,8 x 31,7	12,7	20,8	16	TJ0132
1/8"	4 x 12,7	12,7	20,8	16	TJ0136
1/8"	3,8 x 31,7	12,7	20,8	16	TJ0138
1/4"	2,8 x 6,35	16	23,9	19,05	TJ0144
1/4"	2,8 x 12,7	16	23,9	19,05	TJ0145
1/4"	2,8 x 31,7	16	23,9	19,05	TJ0146
1/4"	4 x 12,7	16	23,9	19,05	TJ0148
1/4"	3,8 x 31,7	16	23,9	19,05	TJ0150
3/8"	4 x 12,7	19,05	28,7	22,35	TJ0156
3/8"	3,8 x 31,7	19,05	28,7	22,35	TJ0158
3/8"	5,6 x 12,7	19,05	28,7	22,35	TJ0160
3/8"	5,3 x 31,7	19,05	28,7	22,35	TJ0162



10 bars max



Jet roscados

NPT

Ø jet (mm)

A	(d)	B	C	D	Ref.
1/8"	2,8	12,7	20,8	16	TJ0100
1/8"	4	12,7	20,8	16	TJ0134
1/4"	2,8	16	23,9	19,05	TJ0142
1/4"	4	16	23,9	19,05	TJ0101
3/8"	2,8	19,05	28,7	22,35	TJ0166
3/8"	4	19,05	28,7	22,35	TJ0154
3/8"	5,6	19,05	28,7	22,35	TJ0102

Ø jet roscado

A	(d) unf	B	C	D	Ref.
1/8"	M 5	12,7	20,8	16	TJ0141
1/4"	M 5	16	23,9	19,05	TJ0153
3/8"	M 6	19,05	28,7	22,35	TJ0165

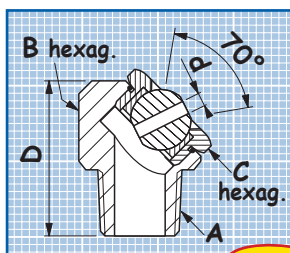
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JET ROSCADOS MUY ALTA PRESIÓN



HP MAX
100 bar

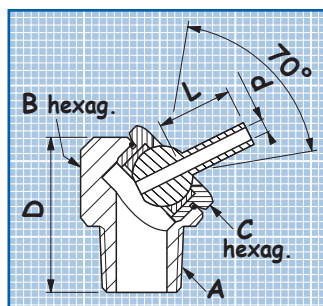
- Temperatura max 70°C
- Cuerpo de latón y jet de inox o todo el conjunto de inox



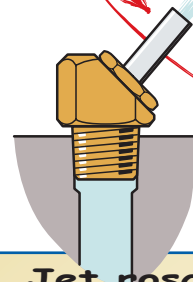
Jet roscados

NPT

Ø jet (mm)					Latón + inox	inox
A	d	B	C	D		
1/8"	3	9/16"	1/2"	20,6	PM7001	PM4039
1/8"	4	9/16"	1/2"	20,6	PM4046	PM4048
1/4"	3	5/8"	9/16"	23,8	PM7130	PM4138
1/4"	4	5/8"	9/16"	23,8	PM7140	PM4146
3/8"	4	3/4"	11/16"	28,6	PM8238	PM8239
3/8"	5,6	3/4"	11/16"	28,6	PM8248	PM8249



100 bars max



Jet roscados

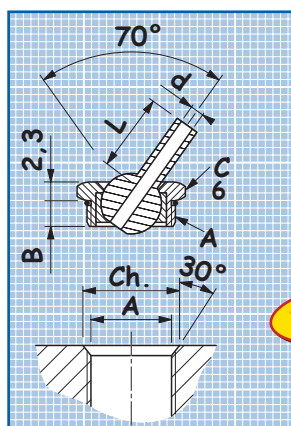
NPT

Ø jet (mm)					Latón + inox	
A	d x L	B	C	D	inox	inox
1/8"	1 x 6,35	9/16"	1/2"	20,6	PM4010	PM4012
1/8"	1,6 x 6,35	9/16"	1/2"	20,6	PM5010	PM4020
1/8"	1,6 x 31,7	9/16"	1/2"	20,6	PM4022	PM4024
1/8"	2,2 x 6,35	9/16"	1/2"	20,6	PM6010	PM4030
1/8"	2,2 x 31,7	9/16"	1/2"	20,6	PM4032	PM4034
1/8"	3 x 6,35	9/16"	1/2"	20,6	PM4038	PM4040
1/8"	3 x 31,7	9/16"	1/2"	20,6	PM4042	PM4044
1/4"	1 x 6,35	5/8"	9/16"	23,8	PM7100	PM4110
1/4"	1,6 x 6,35	5/8"	9/16"	23,8	PM7110	PM4120
1/4"	1,6 x 31,7	5/8"	9/16"	23,8	PM4122	PM4124
1/4"	2,2 x 6,35	5/8"	9/16"	23,8	PM7120	PM4130
1/4"	2,2 x 31,7	5/8"	9/16"	23,8	PM4132	PM4134
1/4"	3 x 6,35	5/8"	9/16"	23,8	PM4139	PM4140
1/4"	3 x 12,7	5/8"	9/16"	23,8	PM4158	PM4159
1/4"	3 x 31,7	5/8"	9/16"	23,8	PM4142	PM4144
1/4"	4 x 12,7	5/8"	9/16"	23,8	PM4148	PM4150
1/4"	4 x 31,7	5/8"	9/16"	23,8	PM4152	PM4154
3/8"	1,6 x 9,7	3/4"	11/16"	28,6	PM8210	PM8212
3/8"	1,6 x 31,7	3/4"	11/16"	28,6	PM8214	PM8216
3/8"	2,2 x 9,7	3/4"	11/16"	28,6	PM8220	PM8222
3/8"	2,2 x 31,7	3/4"	11/16"	28,6	PM8224	PM8226
3/8"	3 x 12,7	3/4"	11/16"	28,6	PM8230	PM8232
3/8"	3 x 31,7	3/4"	11/16"	28,6	PM8234	PM8236
3/8"	4 x 12,7	3/4"	11/16"	28,6	PM8240	PM8242
3/8"	4 x 31,7	3/4"	11/16"	28,6	PM8244	PM8246
3/8"	5 x 12,7	3/4"	11/16"	28,6	PM8258	PM8260
3/8"	5,6 x 12,7	3/4"	11/16"	28,6	PM8250	PM8252
3/8"	5,6 x 31,7	3/4"	11/16"	28,6	PM8254	PM8256

● Bocas de recambio

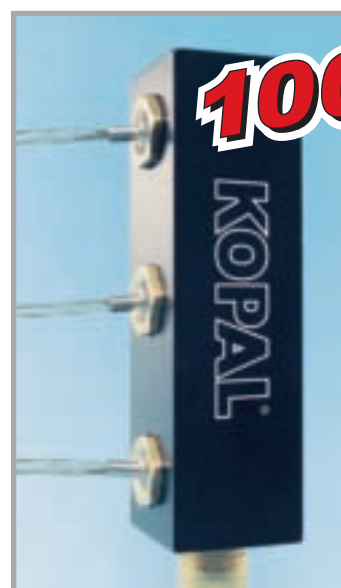
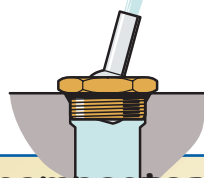
pág.9

JET DE MUY ALTA PRESIÓN



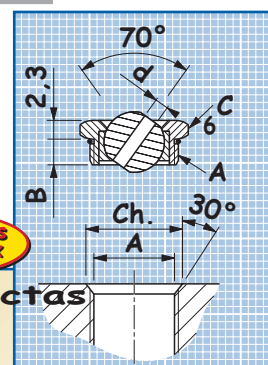
100 bars max

Cabezas compactas roscadas



100 bars

Bloque de refrigeración
(bajo demanda)



100 bars max

Cabezas compactas roscadas

Ø jet (mm)					Latón +	
A	d x L	B	C	Ch.Ø	inox	inox
5/16" - 24 UNF						
5/16"	1 x 6,35	3,5	3/8"	8,75	PM8410	PM8412
5/16"	1,6 x 6,35	3,5	3/8"	8,75	PM8420	PM8422
7/16" - 20 UNF						
7/16"	1 x 6,35	4	1/2"	11,9	PM5020	PM4505
7/16"	1,6 x 6,35	4	1/2"	11,9	PM4510	PM4512
7/16"	1,6 x 31,7	4	1/2"	11,9	PM4514	PM4516
7/16"	2,2 x 6,35	4	1/2"	11,9	PM4520	PM4522
7/16"	2,2 x 31,7	4	1/2"	11,9	PM4523	PM4524
7/16"	3 x 6,35	4	1/2"	11,9	PM4526	PM4527
7/16"	3 x 31,7	4	1/2"	11,9	PM4528	PM4529
1/2" - 20 UNF						
1/2"	1 x 6,35	4	9/16"	13,55	PM7020	PM8005
1/2"	1,6 x 6,35	4	9/16"	13,55	PM8010	PM8012
1/2"	1,6 x 31,7	4	9/16"	13,55	PM8014	PM8016
1/2"	2,2 x 6,35	4	9/16"	13,55	PM8020	PM8022
1/2"	2,2 x 31,7	4	9/16"	13,55	PM8024	PM8026
1/2"	3 x 6,35	4	9/16"	13,55	PM8029	PM8032
1/2"	3 x 12,7	4	9/16"	13,55	PM8050	PM8051
1/2"	3 x 31,7	4	9/16"	13,55	PM8034	PM8036
1/2"	4 x 12,7	4	9/16"	13,55	PM8042	PM8043
1/2"	4 x 31,7	4	9/16"	13,55	PM8044	PM8046
5/8" - 18 UNF						
5/8"	1,6 x 9,7	5,3	11/16"	16,68	PM8110	PM8112
5/8"	1,6 x 31,7	5,3	11/16"	16,68	PM8114	PM8116
5/8"	2,2 x 9,7	5,3	11/16"	16,68	PM8120	PM8122
5/8"	2,2 x 31,7	5,3	11/16"	16,68	PM8124	PM8126
5/8"	3 x 12,7	5,3	11/16"	16,68	PM8130	PM8132
5/8"	3 x 31,7	5,3	11/16"	16,68	PM8134	PM8136
5/8"	4 x 12,7	5,3	11/16"	16,68	PM8140	PM8142
5/8"	4 x 31,7	5,3	11/16"	16,68	PM8144	PM8146
5/8"	5 x 12,7	5,3	11/16"	16,68	PM8158	PM8160
5/8"	5,6 x 12,7	5,3	11/16"	16,68	PM8150	PM8152
5/8"	5,6 x 31,7	5,3	11/16"	16,68	PM8154	PM8156

Ø jet (mm)					Latón +	
A	d	B	C	Ch.Ø	inox	inox
5/16" - 24 UNF						
5/16"	1,6	3,5	3/8"	8,75	PM8415	PM8416
5/16"	2,2	3,5	3/8"	8,75	PM8430	PM8432
7/16" - 20 UNF						
7/16"	3	4	1/2"	11,9	PM4525	PM4532
7/16"	4	4	1/2"	11,9	PM4534	PM4536
1/2" - 20 UNF						
1/2"	3	4	9/16"	13,55	PM8030	PM8028
1/2"	4	4	9/16"	13,55	PM8040	PM8041
5/8" - 18 UNF						
5/8"	4	5,3	11/16"	16,68	PM8138	PM8139
5/8"	5,6	5,3	11/16"	16,68	PM8148	PM8149

JET ORIENTABLES

Para agujeros lisos

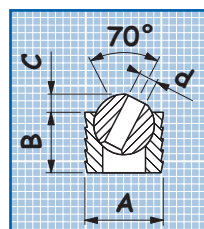
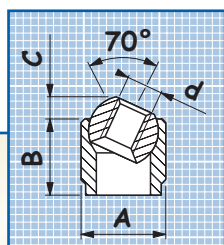
- Temperatura max 70°C
- Cuerpo de acetal
- Jet de inox
- Se meten a presión en un agujero



Jet cilíndrico

Tolerancia del agujero A : H 9

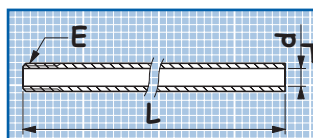
A	jet (d)	B	C	Ref.
8 mm	M 3,5 x 0,6	6	1,5	SB9505
10 mm	M 4 x 0,7	7	2	SB9510
12 mm	M 5 x 0,8	8	2,5	SB9520
14 mm	M 6 x 1,0	10	3	SB9530
15 mm	M 6 x 1,0	6	3	SB9540



Jet cilíndrico

Tolerancia del agujero A : 0 -0.05 mm

A	jet (d)	B	C	Ref.
6 mm	1,5 mm	4,8	1,27	JJ7160
6 mm	2 mm	4,8	1,27	JJ7150
8 mm	3,2 mm	6,35	1,5	JJ0119
10 mm	4 mm	7,9	2	JJ0113
12 mm	4 mm	9,15	2,5	JJ0114
14 mm	5,6 mm	11,1	3,3	JJ0115
15 mm	5,6 mm	11,1	3,3	JJ0116

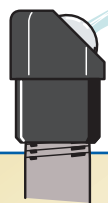
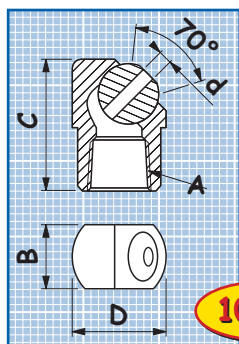


**Tubos de extensión
roscado
en latón**

E	jet (d)	L	Ref.
M 4 x 0,7	2 mm	35 mm	SB9710
M 5 x 0,8	3 mm	40 mm	SB9720
M 6 x 1,0	4 mm	50 mm	SB9730

JET ROSCADOS

Rosca interior

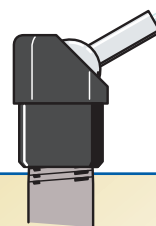
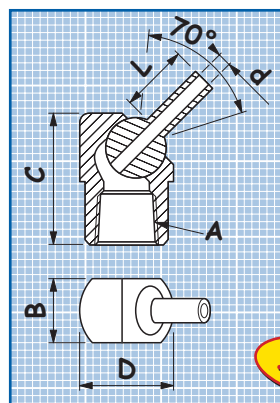


NPT

Ø jet (mm)		B	C	D	Ref.
A	(d)				
1/8"	2,8	12,7	20,8	16	CJ7510
1/8"	4	12,7	20,8	16	CJ7516
1/4"	2,8	16	23,9	19,05	CJ7524
1/4"	4	16	23,9	19,05	CJ7530
3/8"	2,8	19,05	28,7	22,35	CJ7560
3/8"	4	19,05	28,7	22,35	CJ7538
3/8"	5,6	19,05	28,7	22,35	CJ7544

Ø jet roscados

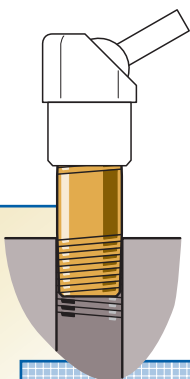
A	(d) unf	B	C	D	Ref.
1/8"	M 5	12,7	20,8	16	CJ7523
1/4"	M 5	16	23,9	19,05	CJ7537
3/8"	M 6	19,05	28,7	22,35	CJ7552



NPT

Ø jet (mm)		B	C	D	Ref.
A	(d) x L				
1/8"	2,8 x 6,35	12,7	20,8	16	CJ7512
1/8"	2,8 x 12,7	12,7	20,8	16	CJ7513
1/8"	2,8 x 31,7	12,7	20,8	16	CJ7514
1/8"	4 x 12,7	12,7	20,8	16	CJ7518
1/8"	3,8 x 31,7	12,7	20,8	16	CJ7520
1/4"	2,8 x 3,35	16	23,9	19,05	CJ7526
1/4"	2,8 x 12,7	16	23,9	19,05	CJ7527
1/4"	2,8 x 31,7	16	23,9	19,05	CJ7528
1/4"	4 x 12,7	16	23,9	19,05	CJ7532
1/4"	3,8 x 31,7	16	23,9	19,05	CJ7534
3/8"	4 x 12,7	19,05	28,7	22,35	CJ7540
3/8"	3,8 x 31,7	19,05	28,7	22,35	CJ7542
3/8"	5,6 x 12,7	19,05	28,7	22,35	CJ7546
3/8"	5,3 x 31,7	19,05	28,7	22,35	CJ7548

Extensiones



De latón
NPT

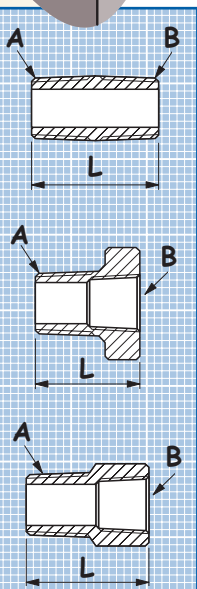
A	B	L	Ref.
1/8"	1/8"	20 mm	DF8705
1/4"	1/4"	22 mm	DF8710
3/8"	3/8"	25 mm	DF8715
1/8"	1/8"	38 mm	DF8720
1/4"	1/4"	38 mm	DF8725
3/8"	3/8"	38 mm	DF8730

6 exterior hexagonal

A	B	L	Ref.
M 12	1/8"	20,6 mm	DF8835
M14 x1	1/8"	10,2 mm	DF8840
1/4"	1/8"	16,5 mm	DF8735
3/4"	1/4"	18,5 mm	DF8740

Exterior cilíndrico

A	B	L	Ref.
1/8"	1/8"	20 mm	DF8745
1/4"	1/4"	24 mm	DF8750
3/8"	3/8"	26 mm	DF8755



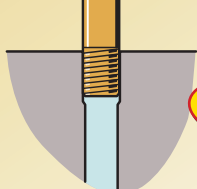
- Temperatura max 70°C
- Cuerpo acetal
- Jet inox



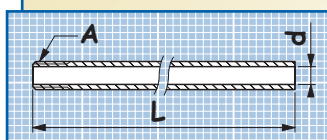
TUBOS DE EXTENSIÓN

Roscados, rígidos o conformados

Tubos de latón roscados



33 bars max



Tubos rígidos

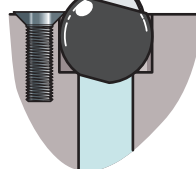
Para agujeros roscados y Jet tipo SB

A	jet (d) mm	L	Ref.
M 3,5 x 0,6	2	30	SB9705
M 4 x 0,7	2	35	SB9710
M 5 x 0,8	3	40	SB9720
M 6 x 1,0	4	50	SB9730
M 7 x 1,0	5	55	SB9735
M 8 x 1,25	5,5	55	SB9740

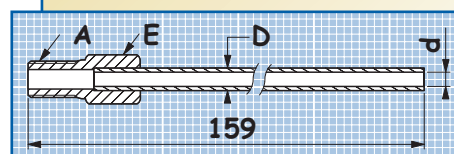
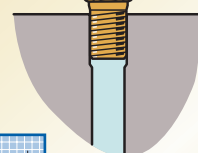
Tubo de extensión con rótula SB
pág. 10



Tubo de extensión con rótula BE
pág. 2

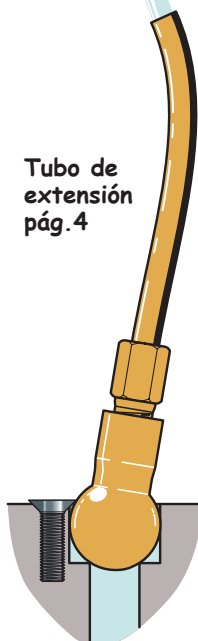


Tubo de extensión de cobre, soldado en racord roscado de latón

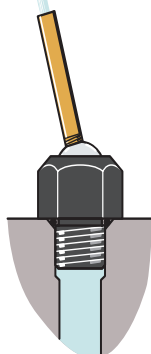


33 bars max

Tubo de extensión
pág. 4



Tubo de extensión con jet JB
pág. 6

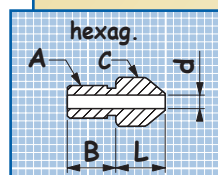


Ø jet (mm)

A	d	tube D	E	Ref.
M 3,5 x 0,6	1,8	3,2	3/16"	ET9805
M 4 x 0,7	1,8	3,2	1/4"	ET9810
M 5 x 0,8	3	4,8	1/4"	ET9820
M 6 x 1,0	3	4,8	1/4"	ET9830
M 7 x 1,0	4,6	6,35	5/16"	ET9835
M 8 x 1,25	4,6	6,35	5/16"	ET9840

PULVERIZADORES DE LATÓN

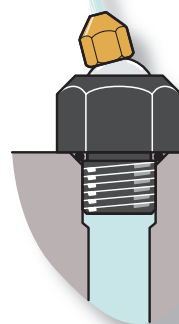
Para Jet roscados de alta presión



33 bars max

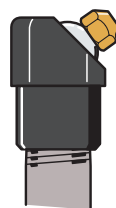
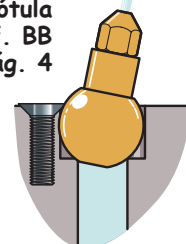
Ø jet (mm)

A	d	B	C	L	Ref.
Métrico					
M 3,5 x 0,6	1,6	3,6	3/16"	7,1	ST6510
M 3,5 x 0,6	2,2	3,6	3/16"	7,1	ST6515
M 4 x 0,7	1,6	4,6	3/16"	9,1	ST6520
M 4 x 0,7	2,2	4,6	3/16"	9,1	ST6525
M 5 x 0,8	1,6	5,3	1/4"	10,7	ST6530
M 5 x 0,8	2,2	5,3	1/4"	10,7	ST6535
M 5 x 0,8	3	5,3	1/4"	10,7	ST6540
M 6 x 1	1,6	5,3	1/4"	10,7	ST6545
M 6 x 1	2,2	5,3	1/4"	10,7	ST6550
M 6 x 1	3	5,3	1/4"	10,7	ST6555
M 6 x 1	3,8	5,3	1/4"	10,7	ST6560
M 8 x 1,25	1,6	7,6	3/8"	12,7	ST6565
M 8 x 1,25	2,2	7,6	3/8"	12,7	ST6570
M 8 x 1,25	3	7,6	3/8"	12,7	ST6575
M 8 x 1,25	4	7,6	3/8"	12,7	ST6580
M 8 x 1,25	5,6	7,6	3/8"	12,7	ST6585
NPT					
1/8"	1,6	9,4	1/2"	12,5	ST6610
1/8"	2,2	9,4	1/2"	12,5	ST6615
1/8"	3	9,4	1/2"	12,5	ST6620
1/8"	4	9,4	1/2"	12,5	ST6625
1/8"	5,6	9,4	1/2"	12,5	ST6630
1/8"	7,1	9,4	1/2"	12,5	ST6635

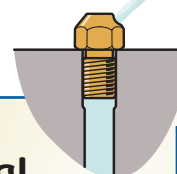


Con Jet
ref. JB
pág. 6

Con rótula
ref. BB
pág. 4

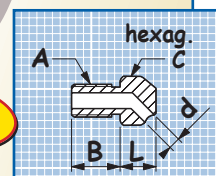


Con Jet
Ref CJ



Salida Lateral

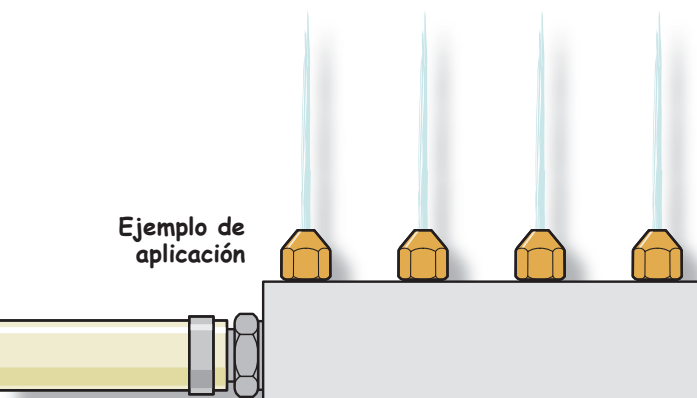
33 bars max



Ø jet (mm)

A	d	B	C	L	Ref.
Rosca					
M 3,5 x 0,6	1,6	3,6	3/16"	4,5	ST6650
M 4 x 0,7	1,6	4,6	3/16"	4,5	ST6655
M 5 x 0,8	2,2	5,3	1/4"	5,4	ST6660
M 6 x 1	2,2	5,3	1/4"	5,4	ST6665
M 6 x 1	3	5,3	1/4"	5,4	ST6670

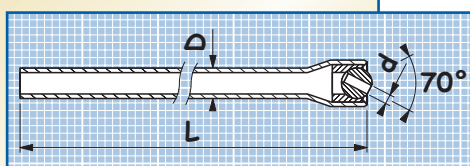
Ejemplo de
aplicación



TUBOS DE PRESIÓN

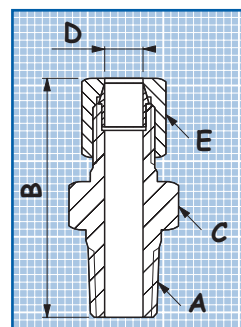
*Se puede dar la forma
que se precise*

Tubo de cobre
para poder cortar
y dar la forma a
voluntad



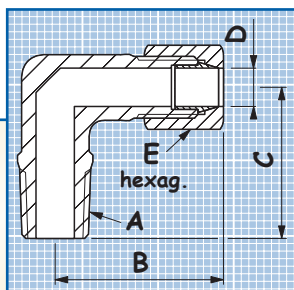
D (tubo)	jet (d)	L	Ref.
4,8	2	152	JT1301
6,35	M 3,5	152	JT1302
7,95	M 4	298,5	JT3025
9,5	M 5	298,5	JT3030

33 bars
max



A	B	C	D (tubo)	E	Ref.
NPT					
1/8"	27,4	7/16	4,8	7/16	CF1501
1/8"	28	7/16	6,35	1/2	CF1502
1/8"	29,2	1/2	7,95	9/16	CF5025
1/4"	32,2	9/16	4,8	7/16	CF1503
1/4"	33	9/16	6,35	1/2	CF1504
1/4"	33,8	9/16	7,95	9/16	CF5050
1/4"	36	9/16	9,5	5/8	CF5060
3/8"	36,6	11/16	9,5	5/8	CF5070

Racord recto

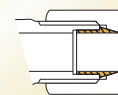
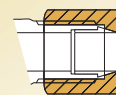


A	B	C	D	E	Ref.
NPT					
1/8"	21,3	17,5	4,8	7/16	CF1511
1/8"	21,8	18,8	6,35	1/2	CF1512
1/8"	22,4	18,8	7,95	9/16	CF5125
1/4"	21,8	23,6	4,8	7/16	CF1513
1/4"	21,8	23,9	6,35	1/2	CF1514
1/4"	24,15	23,6	7,95	9/16	CF5150
1/4"	26,2	25,4	9,5	5/8	CF5160
3/8"	26,2	25,4	9,5	5/8	CF5170

Temperatura max. 70°C
Tubo de cobre, Jet en
inox tuerca de latón



Tuerca



D (tubo)	hexag.	tuerca	bicono
4,8	7/16"	CF1541	CF1543
6,35	1/2"	CF1542	CF1544
7,95	9/16"	CF5422	CF5450
9,5	5/8"	CF5424	CF5460

DISTRIBUIDORES

Magnéticos

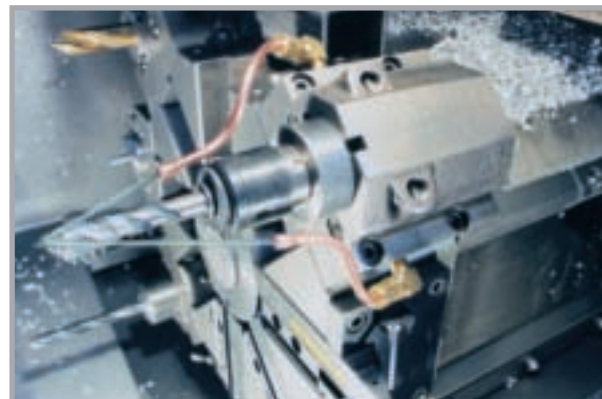
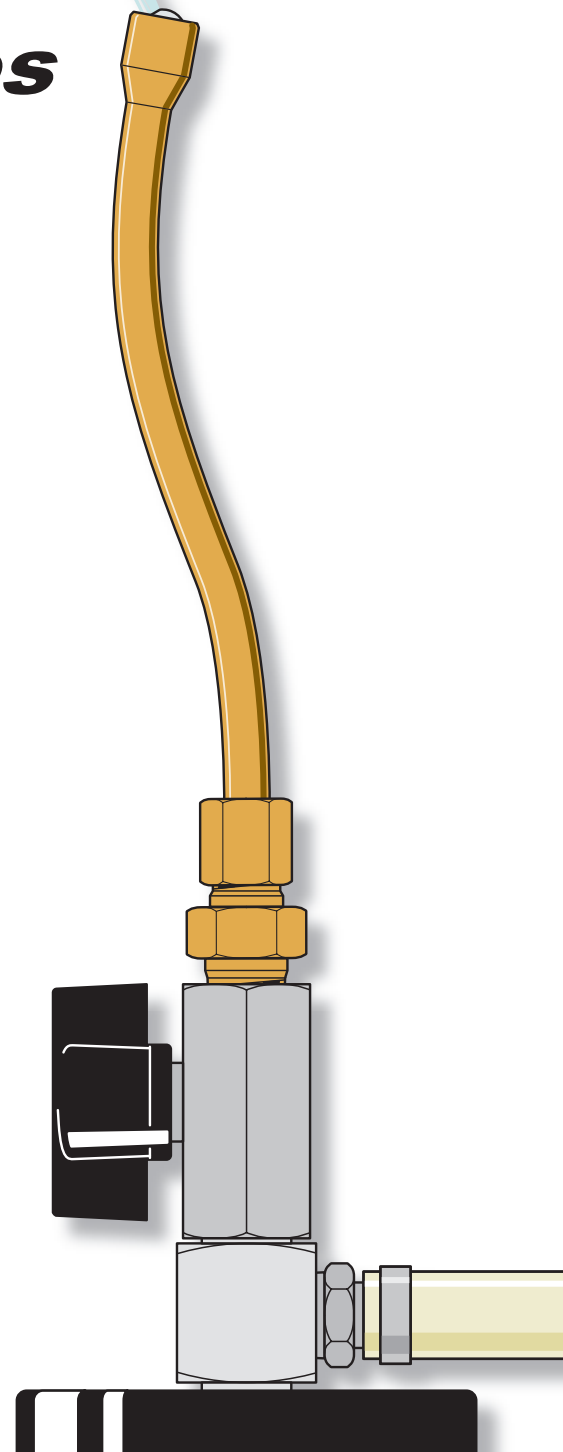
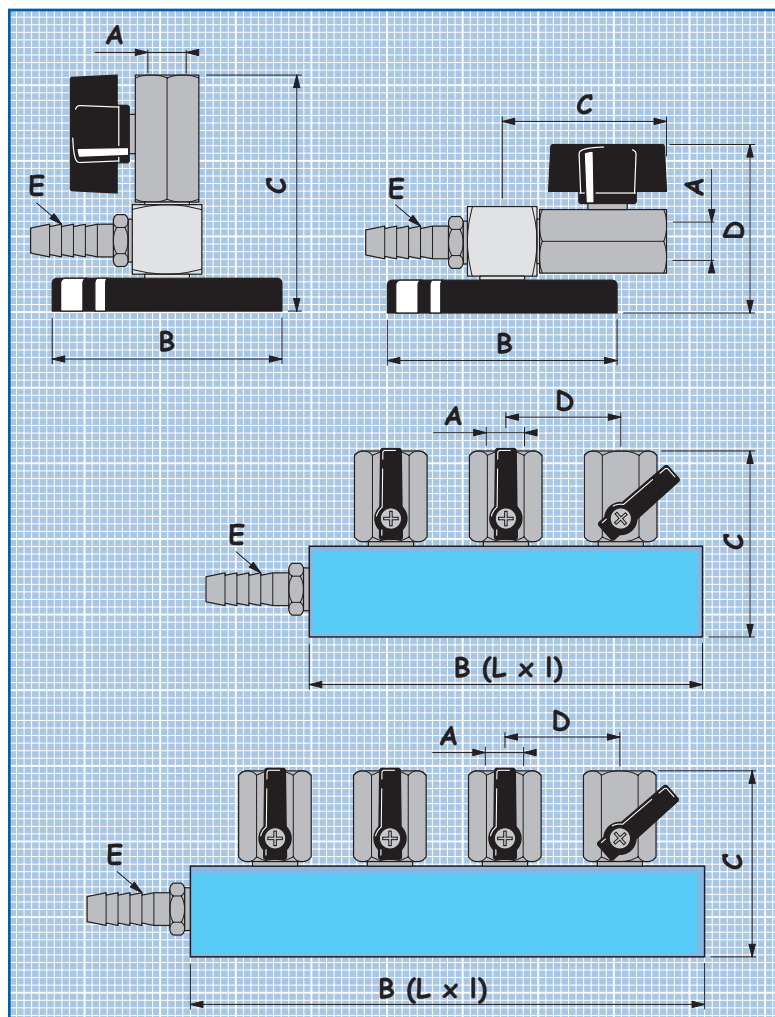


Rosca BSPT horizontal

Núm. Salidas	A	B	C	D	E	Ref.
1	1/4"	Ø 75	56	57	Ø 11	40-301
1	3/8"	Ø 75	56	57	Ø 11	50-301

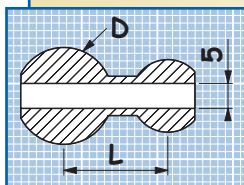
Rosca BSPT Vertical

	A	B	C	D	E	Ref.
1	1/4"	Ø 75	80		Ø 11	40-300
1	3/8"	Ø 75	80		Ø 11	50-300
3	1/4"	130 x 40	37,5	63,5	Ø 11	40-303
3	3/8"	130 x 40	37,5	63,5	Ø 11	50-303
4	1/4"	170 x 40	38,5	63,5	Ø 13	40-304
4	3/8"	170 x 40	38,5	63,5	Ø 13	50-304



BOQUILLAS PARA COMPOSICIONES

Rótula base de latón



D	L	Ref.
10 mm	10,2	SM2505
12 mm	10,2	SM2510
14 mm	10,2	SM2515
15 mm	10,2	SM2520
22 mm	10,2	SM2525
1/2"	10,2	SM2530
5/8"	10,2	SM2535



Rótula base

6,7 bars max



Segmento



Raccord



Jet con boquilla regulable



Jet con boquilla fija



Tubo de extensión

Temperatura max. 43° Presión 6,7 bars

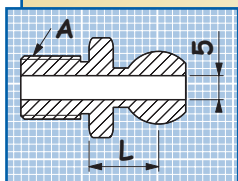


Pinza de montaje

SM2910



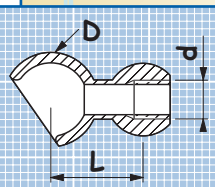
Racord



A	L	Ref.
Métrico		
M 10 x 1.25	10,2	SM2550
M 10 x 1.5	10,2	SM2555
M 12 x 1.25	10,2	SM2560
M 12 x 1.75	10,2	SM2565
M 14 x 1	10,2	SM2570
M 14 x 2	10,2	SM2575
NPT		
1/8"	10,2	SM2540
1/4"	10,2	SM2545

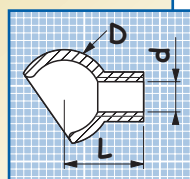


Segmento rótula



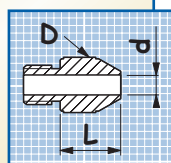
D	d	L	Ref.
15,7	M 6	15,2	SM2610

Jet con boquilla fija



D	d	L	Ref.
15,8	5	12,7	SM2710

Boquilla fija (aluminio)

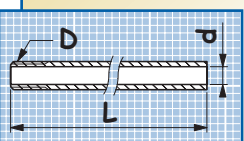


D	d	L	Ref.
12,2	1,6	10,2	SM2720
12,2	2,2	10,2	SM2730
12,2	3	10,2	SM2740
12,2	4	10,2	SM2750

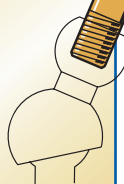
kit SM2760

4 boquillas: 1,6 - 2,2 - 3 - 4

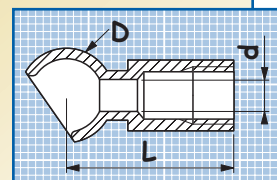
Tubo rígido



D	d	L	Ref.
M 6	4	50	SB9730

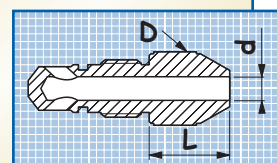


Jet con boquilla regulable



D	d	L	Ref.
15,8	5	28,45	SM2810

Boquilla regulable



D	d	L	Ref.
12,2	2,2	12,7	SM2820
12,2	3	12,7	SM2830
12,2	4	12,7	SM2840