AIR WORK
PNEUMATIC EQUIPMENT

Air treatment range
Gamme traitement d'air
Gamma trattamento aria

20 YEARS
1998-2018

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ASSOFLUID

Italian Association of Manufacturing Companies in Fluid Power Equipment and Components

Association italienne des fabricants de l'industrie Hydraulique et Pneumatique

Associazione Italiana dei Costruttori del Settore Oleoidraulico e Pneumatico

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PUSH-IN FITTINGS
RACCORDS INSTANTANES
RACCORDI INNESTO RAPIDO

Push-in fittings are so defined as they allow to connect the tube to the fitting in a "instantaneous" way without using tools.
The tightness of the tube takes place through an elastic clamp which holds the tube on the external diameter and releases it by pushing the suitable puller.
This type of fittings is used in order to speed up the assembly phases mainly in reduced space and timesaving during connection of different pneumatic components.

Le raccord rapide est appelé ainsi car il permet de raccorder instantanément le tuyau à la connexion c'est à dire sans l'aide d'outils. L'étanchéité du tube a lieu au moyen d'une bague élastique qui maintient le tuyau flexible sur le diamètre extérieur et en actionnant cette bague le tuyau se déconnecte. Ce système est utilisé pour simplifier les étapes de montage. Idéal pour les espaces réduits ce raccord permet de gagner du temps dans la connexion des composants pneumatiques.

I raccordi rapidi sono così denominati perché permettono di accoppiare il tubo al raccordo in modo istantaneo senza l'ausilio di utensili.
La tenuta del tubo avviene per mezzo di una pinza elastica che trattiene il tubo sul diametro esterno e lo rilascia spingendo l'apposito estrattore. Questa tipologia di raccordi viene utilizzata per snellire le fasi di montaggio spesso in spazi ridotti e risparmiare tempo nei collegamenti dei vari componenti pneumatici.

ORDERING CODE / **CODIFICATION** / *CHIAVE DI CODIFICA*

P C 0 6 0 1

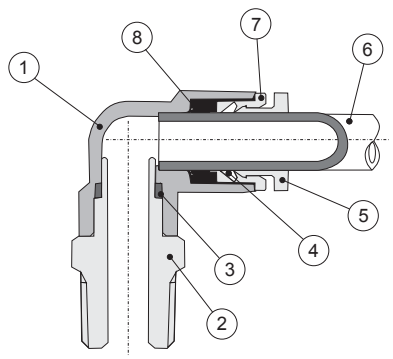
THREAD SIZE / **FILETAGE** / *FILETTO*
M5=M5
01=1/8
02=1/4
03=3/8
04=1/2

TUBE DIAMETER / **DIAMÈTRE TUBE** / *DIAMETRO TUBO*
04=4mm
06=6mm
08=8mm
10=10mm
12=12mm
16=16mm

TECHNICAL DATA / **DONNÉES TECHNIQUES** / *DATI TECNICI*

Fluid / **Fluide** / Fluido	Air / **Air** / *Aria*
Operating temperature range / **Température d'utilisation** / *Temperatura di esercizio*	0°C / +60°C
Maximum operating pressure / **Pression de service Max** / *Pressione Massima di esercizio*	11 bar
Negative pressure / **Pression négative** / *Pressione negativa*	-750 mm Hg (10 torr)
Threads / **Filetage** / *Filettature*	PT-thread from 1/8" to ½" - G-thread from 1/8" to 1/2" - Metric M5
Recommended tubes / **Tubes recommandés** / *Tubi raccomandati*	Polyamide (PA) / **Polyuréthane (PU)** / *Polyethilene (PE)*
Tube tolerances / **Tolérance de Tubes** / *Tolérance de Tubes*	PU Tube +/- 0.02 mm

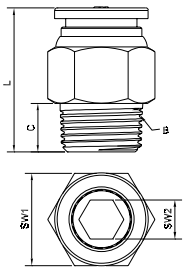
COMPONENTS / **COMPOSANTS** / *COMPONENTI*



pos.	Description / **Description** / *Descrizione*	Material / **Matière** / *Materiale*
1	body / **corps** / *corpo*	resin (PBT) / **résine (PBT)** / *resina (PBT)*
2	body / **corps** / *corpo*	nickel-plated brass / **laiton nickelé** / *ottone nichelato*
3	o-ring / **Joint torique** / *o-ring*	NBR
4	lock claws / **griffes de verrouillage** / *pinza di chiusura*	steel / **acier** / *acciaio*
5	sleeve / **bague** / *colletto*	resin (PBT) / **résine (PBT)** / *resina (PBT)*
6	tube / **tube** / *tubo*	PA / *PU*
7	collare / **collerette** / collet	brass / **laiton** / *ottone*
8	o-ring / **Joint torique** / *o-ring*	NBR

PC

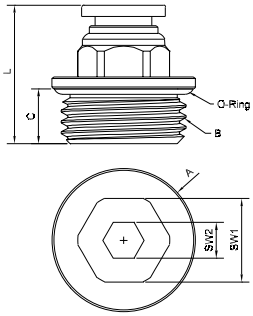
STRAIGHT MALE ADAPTOR TAPER / **DROIT MÂLE CONIQUE** / *DIRITTO MASCHIO CONICO*



CODE	tube Ø	B	C	L	SW1	SW2	min.pcs.
PC 0401N	4	R1/8	7.5	21	10	3	10
PC 0402N	4	R1/4	9	20	14	3	10
PC 0601N	6	R1/8	7.5	21.4	12	5	10
PC 0602N	6	R1/4	9	21.9	14	5	10
PC 0603N	6	R3/8	10	22.9	17	5	10
PC 0801N	8	R1/8	7.5	25.8	14	5	10
PC 0802N	8	R1/4	9	24.3	14	6	10
PC 0803N	8	R3/8	10	23	17	6	10
PC 0804N	8	R1/2	13	26	21	6	10
PC 1001N	10	R1/8	7.5	28.4	17	5	10
PC 1002N	10	R1/4	9	28.4	17	6	10
PC 1003N	10	R3/8	10	28.1	17	8	10
PC 1004N	10	R1/2	13	26.6	21	8	10
PC 1202N	12	R1/4	9	32.1	19	6	10
PC 1203N	12	R3/8	10	30.2	19	8	10
PC 1204N	12	R1/2	13	30.6	21	8	10
PC 1603N	16	R3/8	10	34.5	24	12.5	10
PC 1604N	16	R1/2	13	35.5	24	15	10

PC-G

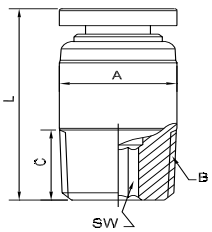
STRAIGHT MALE ADAPTOR PARALLEL / **DROIT MÂLE CYLINDRIQUE** / *DIRITTO MASCHIO CILINDRICO*



CODE	tube Ø	A	B	C	L	SW1	SW2	min.pcs.
PC-G 04M5N	4	-	M5	3.5	20	10	-	10
PC-G 0401N	4	14	G1/8	5.5	19.5	10	3	10
PC-G 0402N	4	17	G1/4	6.9	19.5	10	3	10
PC-G 06M5N	6	-	M5	3.5	20.4	12	-	10
PC-G 0601N	6	14	G1/8	5.5	22.1	12	5	10
PC-G 0602N	6	17	G1/4	6.9	21.4	12	5	10
PC-G 0603N	6	19	G3/8	8.2	21.4	12	5	10
PC-G 0801N	8	14	G1/8	5.5	24.5	14	5	10
PC-G 0802N	8	17	G1/4	6.9	22.9	14	6	10
PC-G 0803N	8	19	G3/8	8.2	23.4	14	6	10
PC-G 0804N	8	24	G1/2	9.2	23.2	14	6	10
PC-G 1001N	10	14	G1/8	5.5	26.8	17	5	10
PC-G 1002N	10	17	G1/4	6.9	28.1	17	6	10
PC-G 1003N	10	19	G3/8	8.2	26.6	17	8	10
PC-G 1004N	10	24	G1/2	9.2	24.1	17	8	10
PC-G 1202N	12	17	G1/4	6.9	29.1	19	6	10
PC-G 1203N	12	19	G3/8	8.2	20.1	19	8	10
PC-G 1204N	12	24	G1/2	9.2	28.7	21	8	10
PC-G 1603N	16	22	G3/8	9.2	35.7	24	10	10
PC-G 1604N	16	24	G1/2	10	36.7	24	14	10

POC

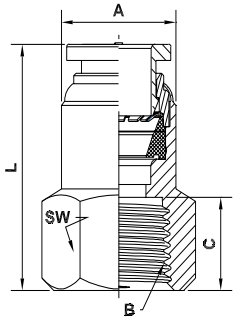
STRAIGHT MALE ADAPTOR INTERNAL HEXAGON / **DROIT MÂLE CONIQUE AVEC HEXAGONE INTÉRIEUR** / *DIRITTO MASCHIO CONICO CON BRUGOLA INTERNA*



CODE	tube Ø	A	B	C	L	SW	min.pcs.
POC 0401N	4	10	R1/8	7.5	20.5	3	10
POC 0402N	4	10	R1/4	9	19.5	3	10
POC 0601N	6	12	R1/8	7.5	20.5	5	10
POC 0602N	6	14	R1/4	9	21.4	5	10
POC 0603N	6	17	R3/8	10	22.4	5	10
POC 0801N	8	14	R1/8	7.5	25.5	5	10
POC 0802N	8	14	R1/4	9	24	6	10
POC 0803N	8	17	R3/8	10	22.7	6	10
POC 0804N	8	22	R1/2	13	25.7	6	10
POC 1001N	10	17	R1/8	7.5	27.9	5	10
POC 1002N	10	17	R1/4	9	27.9	6	10
POC 1003N	10	17	R3/8	10	27.9	8	10
POC 1004N	10	22	R1/2	13	27.9	8	10
POC 1202N	12	20	R1/4	9	32	6	10
POC 1203N	12	20	R3/8	10	29.5	8	10
POC 1204N	12	22	R1/2	13	30	8	10

PCF

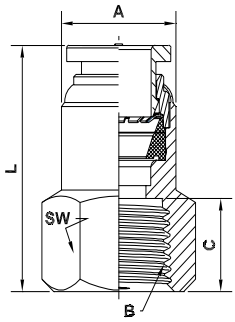
STRAIGHT FEMALE ADAPTOR TAPER / **DROIT FEMELLE CONIQUE** / *DIRITTO FEMMINA CONICO*



CODE	tube Ø	A Ø	B	C	L	SW	min.pcs.
PCF 0401N	4	10.6	R1/8	9.5	26	12	10
PCF 0402N	4	10.6	R1/4	11	27.5	17	10
PCF 0601N	6	12.4	R1/8	9.5	26.4	14	10
PCF 0602N	6	12.4	R1/4	11	27.9	17	10
PCF 0603N	6	12.4	R3/8	12	28.9	19	10
PCF 0801N	8	13.7	R1/8	9.5	27.8	14	10
PCF 0802N	8	14.6	R1/4	11	29.3	17	10
PCF 0803N	8	14.6	R3/8	12	30.3	19	10
PCF 0804N	8	14.6	R1/2	15	33.3	24	10
PCF 1001N	10	16.8	R1/8	9.5	29.8	17	10
PCF 1002N	10	16.8	R1/4	11	31.8	17	10
PCF 1003N	10	17.6	R3/8	12	32.8	19	10
PCF 1004N	10	17.6	R1/2	15	35.8	24	10
PCF 1202N	12	19.6	R1/4	11	34	21	10
PCF 1203N	12	19.6	R3/8	12	35	21	10
PCF 1204N	12	19.6	R1/2	15	38	24	10

PCF-G

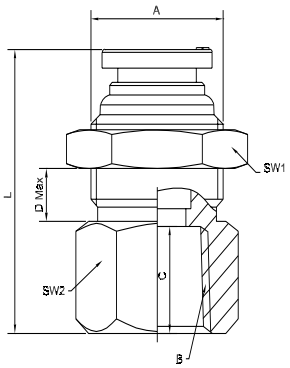
STRAIGHT FEMALE ADAPTOR PARALLEL / **DROIT FEMELLE CYLINDRIQUE** / *DIRITTO FEMMINA CILINDRICO*



CODE	tube Ø	A Ø	B	C	L	SW	min.pcs.
PCF-G 0401N	4	10.6	G1/8	8	24	12	10
PCF-G 0402N	4	10.6	G1/4	9	25	17	10
PCF-G 0601N	6	12.4	G1/8	8	24.4	14	10
PCF-G 0602N	6	12.4	G1/4	9	25.4	17	10
PCF-G 0603N	6	12.4	G3/8	10	26.4	19	10
PCF-G 0801N	8	13.8	G1/8	8	25.7	14	10
PCF-G 0802N	8	14.6	G1/4	9	26.7	17	10
PCF-G 0803N	8	14.6	G3/8	10	27.7	19	10
PCF-G 0804N	8	14.6	G1/2	13	30.7	24	10
PCF-G 1001N	10	16.8	G1/8	8	28.3	17	10
PCF-G 1002N	10	16.8	G1/4	9	29.3	17	10
PCF-G 1003N	10	17.6	G3/8	10	30.3	19	10
PCF-G 1004N	10	17.6	G1/2	13	33.3	24	10
PCF-G 1202N	12	19.6	G1/4	9	31.4	21	10
PCF-G 1203N	12	19.6	G3/8	10	32.4	21	10
PCF-G 1204N	12	19.6	G1/2	13	35.4	24	10

PMF

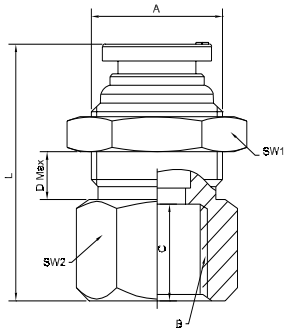
BULKHEAD FEMALE UNION TAPER / **TRAVERSÉE FEMELLE CONIQUE** / *PASSAPARETE FEMMINA CONICO*



CODE	tube Ø	A	B	C	D	L	SW1	SW2	min.pcs.
PMF 0401N	4	M12x1	R1/8	9.5	4.5	26	14	14	10
PMF 0402N	4	M12x1	R1/4	11	4.5	27.5	14	17	10
PMF 0601N	6	M14x1	R1/8	9.5	6	26.9	17	17	10
PMF 0602N	6	M14x1	R1/4	11	6	29.9	17	17	10
PMF 0603N	6	M14x1	R3/8	12	6	30.9	17	19	10
PMF 0801N	8	M16x1	R1/8	9.5	6	27.2	19	17	10
PMF 0802N	8	M16x1	R1/4	11	6	29.2	19	17	10
PMF 0803N	8	M16x1	R3/8	12	6	31.2	19	19	10
PMF 0804N	8	M16x1	R1/2	15	6	34.2	19	24	10
PMF 1001N	10	M18x1	R1/8	9.5	10.5	30.6	21	19	10
PMF 1002N	10	M18x1	R1/4	11	10.5	32.6	21	19	10
PMF 1003N	10	M18x1	R3/8	12	10.5	35.1	21	19	10
PMF 1004N	10	M18x1	R1/2	15	10.5	38.6	21	24	10
PMF 1202N	12	M22x1	R1/4	11	12	33.5	24	24	10
PMF 1203N	12	M22x1	R3/8	12	12	34.5	24	24	10
PMF 1204N	12	M22x1	R1/2	15	12	40	24	24	10

PMF-G

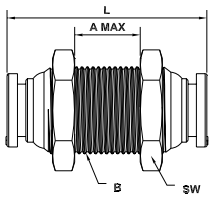
BULKHEAD FEMALE UNION PARALLEL / **TRAVERSÉE FEMELLE CYLINDRIQUE** / *PASSAPARETE FEMMINA CILINDRICO*



CODE	tube Ø	A	B	C	D	L	SW1	SW2	min.pcs.
PMF-G 0401N	4	M12x1	G1/8	8	4.5	24.5	14	14	10
PMF-G 0402N	4	M12x1	G1/4	9	4.5	25.5	14	17	10
PMF-G 0601N	6	M14x1	G1/8	8	6	25.4	17	17	10
PMF-G 0602N	6	M14x1	G1/4	9	6	27.9	17	17	10
PMF-G 0603N	6	M14x1	G3/8	10	6	28.9	17	19	10
PMF-G 0801N	8	M16x1	G1/8	8	6	25.7	19	17	10
PMF-G 0802N	8	M16x1	G1/4	9	6	27.2	19	17	10
PMF-G 0803N	8	M16x1	G3/8	10	6	29.2	19	19	10
PMF-G 0804N	8	M16x1	G1/2	13	6	32.2	19	24	10
PMF-G 1001N	10	M18x1	G1/8	8	10.5	29.1	21	19	10
PMF-G 1002N	10	M18x1	G1/4	9	10.5	30.6	21	19	10
PMF-G 1003N	10	M18x1	G3/8	10	10.5	33.1	21	19	10
PMF-G 1004N	10	M18x1	G1/2	13	10.5	26.6	21	24	10
PMF-G 1202N	12	M22x1	G1/4	9	12	33.5	24	24	10
PMF-G 1203N	12	M22x1	G3/8	10	12	32.5	24	24	10
PMF-G 1204N	12	M22x1	G1/2	13	12	38	24	24	10

PMM

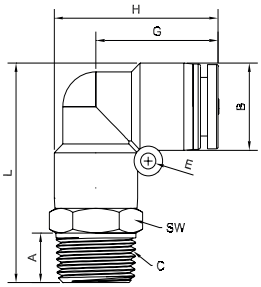
BULKHEAD UNION / **TRAVERSÉE DE CLOISON** / *PASSAPARETE*



CODE	tube Ø	A (max)	L	B	SW	min.pcs.
PMM 0400N	4	13	33	M12x1	14	10
PMM 0600N	6	13	34.8	M14x1	17	10
PMM 0800N	8	15	37	M16x1	19	10
PMM 1000N	10	18	41.2	M18x1	21	10
PMM 1200N	12	22	47.2	M22x1	24	10

PL

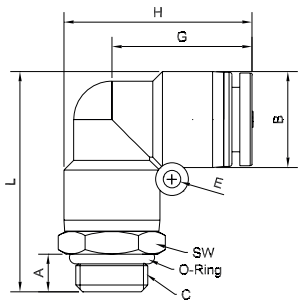
ELBOW CONNECTOR TAPER / **ÉQUERRE MALE CONIQUE** / *GOMITO MASCHIO CONICO*



CODE	tube Ø	A	B	C	E	G	H	L	SW	min.pcs.
PL 0401N	4	7.5	11	R1/8	3.2	17.8	21.5	28.7	10	10
PL 0402N	4	9	11	R1/4	3.2	17.8	21.5	30.2	14	10
PL 0601N	6	7.5	13	R1/8	3.2	20.9	25.5	32.2	12	10
PL 0602N	6	9	13	R1/4	3.2	20.9	25.5	33.7	14	10
PL 0603N	6	10	13	R3/8	3.2	20.9	25.5	35.7	17	10
PL 0801N	8	7.5	14.6	R1/8	3.2	23.4	30.7	37.4	14	10
PL 0802N	8	9	14.6	R1/4	3.2	23.4	30.7	38.9	14	10
PL 0803N	8	10	14.6	R3/8	3.2	23.4	30.7	40.9	17	10
PL 0804N	8	13	14.6	R1/2	3.2	23.4	30.7	43.9	21	10
PL 1001N	10	7.5	17.6	R1/8	3.2	25.7	34.5	40.9	17	10
PL 1002N	10	9	17.6	R1/4	3.2	25.7	34.5	42.3	17	10
PL 1003N	10	10	17.6	R3/8	3.2	25.7	34.5	44.3	17	10
PL 1004N	10	13	17.6	R1/2	3.2	25.7	34.5	47.3	21	10
PL 1202N	12	9	21	R1/4	3.2	29	39.5	47.1	19	10
PL 1203N	12	10	21	R3/8	3.2	29	39.5	49.6	19	10
PL 1204N	12	13	21	R1/2	3.2	29	39.5	52.6	21	10
PL 1602N	16	9	26	R1/4	4.2	34.5	47.5	56.7	24	10
PL 1603N	16	10	26	R3/8	4.2	34.5	47.5	57.7	24	10
PL 1604N	16	13	26	R1/2	4.2	34.5	47.5	60.7	24	10

PL-G

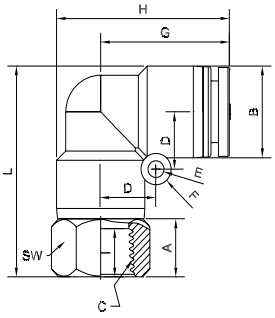
ELBOW CONNECTOR PARALLEL / **ÉQUERRE MALE CYLINDRIQUE** / *GOMITO MASCHIO CILINDRICO*



CODE	tube Ø	A	B	C	E	G	H	L	SW	min.pcs.
PL-G 04M5N	4	3.5	-	M5	3.2	17.8	-	-	10	10
PL-G 0401N	4	5.5	11	G1/8	3.2	17.8	21.5	26.7	14	10
PL-G 0402N	4	6.9	11	G1/4	3.2	17.8	21.5	28.2	17	10
PL-G 06M5N	6	3.5	-	M5	3.2	20.9	-	-	12	10
PL-G 0601N	6	5.5	13	G1/8	3.2	20.9	25.5	30.2	14	10
PL-G 0602N	6	6.9	13	G1/4	3.2	20.9	25.5	31.6	17	10
PL-G 0603N	6	8.2	13	G3/8	3.2	20.9	25.5	33.9	19	10
PL-G 0801N	8	5.5	14.6	G1/8	3.2	23.4	30.7	35.4	14	10
PL-G 0802N	8	6.9	14.6	G1/4	3.2	23.4	30.7	36.9	17	10
PL-G 0803N	8	8.2	14.6	G3/8	3.2	23.4	30.7	39.1	19	10
PL-G 0804N	8	9.2	14.6	G1/2	3.2	23.4	30.7	40.1	24	10
PL-G 1001N	10	5.5	17.6	G1/8	3.2	25.7	34.5	38.8	17	10
PL-G 1002N	10	6.9	17.6	G1/4	3.2	25.7	34.5	40.4	17	10
PL-G 1003N	10	8.2	17.6	G3/8	3.2	25.7	34.5	42.4	19	10
PL-G 1004N	10	9.2	17.6	G1/2	3.2	25.7	34.5	43.5	24	10
PL-G 1202N	12	6.9	21	G1/4	3.2	29	39.5	45	19	10
PL-G 1203N	12	8.2	21	G3/8	3.2	29	39.5	47.6	19	10
PL-G 1204N	12	9.2	21	G1/2	3.2	29	39.5	48.6	24	10
PL-G 1603N	16	8.2	26	G3/8	4.2	34.5	47.5	55.4	24	10
PL-G 1604N	16	9.2	26	G1/2	4.2	34.5	47.5	56.4	24	10

PLF

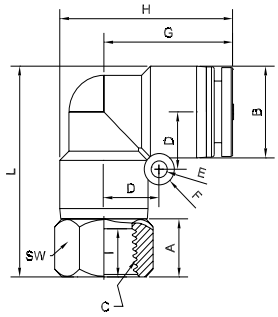
ELBOW FEMALE CONNECTOR TAPER / **ÉQUERRE FEMELLE CONIQUE** / *GOMITO FEMMINA CONICO*



CODE	tube Ø	A	B	C	G	H	L	I	SW	min.pcs.
PLF 0401N	4	11.5	11	R1/8	17.8	21.5	28.7	9.5	12	10
PLF 0402N	4	13	11	R1/4	17.8	21.5	30.2	11	17	10
PLF 0601N	6	10.5	13	R1/8	20.9	25.5	31.2	9.5	12	10
PLF 0602N	6	13	13	R1/4	20.9	25.5	33.7	11	17	10
PLF 0603N	6	14	13	R3/8	20.9	25.5	34.7	12	19	10
PLF 0801N	8	10.5	14.6	R1/8	23.4	30.7	36.4	9.5	14	10
PLF 0802N	8	12.5	14.6	R1/4	23.4	30.7	38.4	11	17	10
PLF 0803N	8	14	14.6	R3/8	23.4	30.7	39.9	12	19	10
PLF 0804N	8	17	14.6	R1/2	23.4	30.7	42.9	15	24	10
PLF 1001N	10	6.1	17.6	R1/8	25.7	34.5	35.4	9.5	17	10
PLF 1002N	10	11.1	17.6	R1/4	25.7	34.5	40.4	11	17	10
PLF 1003N	10	13.6	17.6	R3/8	25.7	34.5	42.9	12	19	10
PLF 1004N	10	17.1	17.6	R1/2	25.7	34.5	46.4	15	24	10
PLF 1202N	12	6	21	R1/4	29	39.5	40.1	11	19	10
PLF 1203N	12	12.5	21	R3/8	29	39.5	46.6	12	19	10
PLF 1204N	12	17	21	R1/2	29	39.5	51.1	15	24	10

PLF-G

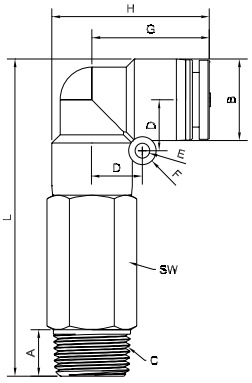
ELBOW FEMALE CONNECTOR PARALLEL / **ÉQUERRE FEMELLE CYLINDRIQUE** / *GOMITO FEMMINA CILINDRICO*



CODE	tube Ø	A	B	C	G	H	L	I	SW	min.pcs.
PLF-G 0401N	4	10	11	G1/8	17.8	21.5	27.2	8	12	10
PLF-G 0402N	4	11	11	G1/4	17.8	21.5	28.2	9	17	10
PLF-G 0601N	6	9	13	G1/8	20.9	25.5	29.4	8	12	10
PLF-G 0602N	6	11	13	G1/4	20.9	25.5	31.7	9	17	10
PLF-G 0603N	6	12	13	G3/8	20.9	25.5	32.7	10	19	10
PLF-G 0801N	8	9	14.6	G1/8	23.4	30.7	34.9	8	14	10
PLF-G 0802N	8	10.5	14.6	G1/4	23.4	30.7	36.4	9	17	10
PLF-G 0803N	8	12	14.6	G3/8	23.4	30.7	37.9	10	19	10
PLF-G 0804N	8	15	14.6	G1/2	23.4	30.7	40.9	13	24	10
PLF-G 1001N	10	6.1	17.6	G1/8	25.7	34.5	35.4	8	17	10
PLF-G 1002N	10	9.1	17.6	G1/4	25.7	34.5	38.4	9	17	10
PLF-G 1003N	10	11.6	17.6	G3/8	25.7	34.5	40.9	10	19	10
PLF-G 1004N	10	15.1	17.6	G1/2	25.7	34.5	44.4	13	24	10
PLF-G 1202N	12	6	21	G1/4	29	39.5	40.1	9	19	10
PLF-G 1203N	12	10.5	21	G3/8	29	39.5	46.6	10	19	10
PLF-G 1204N	12	15	21	G1/2	29	39.5	51.1	13	24	10

PLL

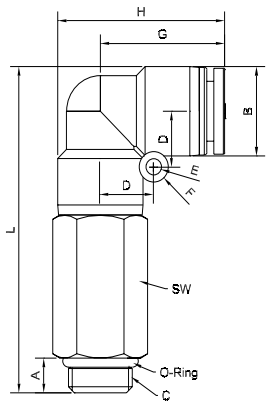
ELBOW CONNECTOR LONG TAPER / **ÉQUERRE LONGUE MALE CONIQUE** / *GOMITO LUNGO MASCHIO CONICO*



CODE	tube Ø	A	C	E	G	H	L	SW	min.pcs.
PLL 0401N	4	7.5	R1/8	3.2	17.8	21.5	43.7	10	10
PLL 0402N	4	9	R1/4	3.2	17.8	21.5	45.2	14	10
PLL 0601N	6	7.5	R1/8	3.2	20.9	25.5	48.2	12	10
PLL 0602N	6	9	R1/4	3.2	20.9	25.5	49.7	14	10
PLL 0603N	6	10	R3/8	3.2	20.9	25.5	51.7	17	10
PLL 0801N	8	7.5	R1/8	3.2	23.4	30.7	56.4	14	10
PLL 0802N	8	9	R1/4	3.2	23.4	30.7	57.9	14	10
PLL 0803N	8	10	R3/8	3.2	23.4	30.7	59.9	17	10
PLL 0804N	8	13	R1/2	3.2	23.4	30.7	62.9	21	10
PLL 1001N	10	7.5	R1/8	3.2	25.7	34.5	64.9	17	10
PLL 1002N	10	9	R1/4	3.2	25.7	34.5	66.3	17	10
PLL 1003N	10	10	R3/8	3.2	25.7	34.5	68.3	17	10
PLL 1004N	10	13	R1/2	3.2	25.7	34.5	71.3	21	10
PLL 1202N	12	9	R1/4	3.2	29	39.5	71.1	19	10
PLL 1203N	12	10	R3/8	3.2	29	39.5	73.6	19	10
PLL 1204N	12	13	R1/2	3.2	29	39.5	76.6	21	10

PLL-G

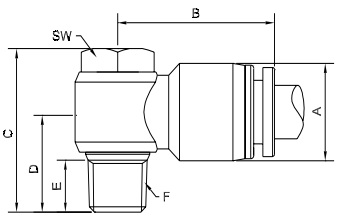
ELBOW CONNECTOR LONG PARALLEL / **ÉQUERRE LONGUE MALE CYLINDRIQUE** / *GOMITO LUNGO MASCHIO CILINDRICO*



CODE	tube Ø	A	B	C	E	G	H	L	SW	min.pcs.
PLL-G 0401N	4	5.5	11	G1/8	3.2	17.8	21.5	41.7	14	10
PLL-G 0402N	4	6.9	11	G1/4	3.2	17.8	21.5	43.2	17	10
PLL-G 0601N	6	5.5	13	G1/8	3.2	20.9	25.5	46.2	14	10
PLL-G 0602N	6	6.9	13	G1/4	3.2	20.9	25.5	47.6	17	10
PLL-G 0603N	6	8.2	13	G3/8	3.2	20.9	25.5	49.9	19	10
PLL-G 0801N	8	5.5	14.6	G1/8	3.2	23.4	30.7	54.4	14	10
PLL-G 0802N	8	6.9	14.6	G1/4	3.2	23.4	30.7	55.9	17	10
PLL-G 0803N	8	8.2	14.6	G3/8	3.2	23.4	30.7	58.1	19	10
PLL-G 0804N	8	9.2	14.6	G1/2	3.2	23.4	30.7	59.1	24	10
PLL-G 1001N	10	5.5	17.6	G1/8	3.2	25.7	34.5	62.8	17	10
PLL-G 1002N	10	6.9	17.6	G1/4	3.2	25.7	34.5	64.4	17	10
PLL-G 1003N	10	8.2	17.6	G3/8	3.2	25.7	34.5	66.4	19	10
PLL-G 1004N	10	9.2	17.6	G1/2	3.2	25.7	34.5	67.5	24	10
PLL-G 1202N	12	6.9	21	G1/4	3.2	29	39.5	69	19	10
PLL-G 1203N	12	8.2	21	G3/8	3.2	29	39.5	71.6	19	10
PLL-G 1204N	12	9.2	21	G1/2	3.2	29	39.5	72.6	24	10

PH

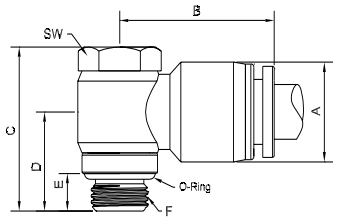
COMPLETE SINGLE BANJO TAPER / **ÉQUERRE MALE CONIQUE ORIENTABLE** / *GOMITO GIREVOLE MASCHIO CONICO*



CODE	tube Ø	A	B	C	D	E	F	SW	min.pcs.
PH 0401N	4	11	23	24.5	15	7.8	R1/8	12	10
PH 0402N	4	11	24.6	26.6	20.7	10.5	R1/4	15	10
PH 0601N	6	13	24.5	24.5	15	7.8	R1/8	12	10
PH 0602N	6	13	26.2	26.6	20.7	10.8	R1/4	15	10
PH 0603N	6	13	28.6	33.5	20.5	11.7	R3/8	19	10
PH 0801N	8	14.6	25.8	24.5	15	7.8	R1/8	12	10
PH 0802N	8	14.6	27.5	26.6	20.7	10.8	R1/4	15	10
PH 0803N	8	14.6	30.2	33.5	20.5	11.7	R3/8	19	10
PH 0804N	8	21	36.5	40.2	25.4	15.7	R1/2	24	10
PH 1002N	10	17.6	29.2	26.6	20.7	10.8	R1/4	15	10
PH 1003N	10	17.6	30.7	33.5	20.5	11.7	R3/8	19	10
PH 1004N	10	21	36.5	40.2	25.4	15.7	R1/2	24	10
PH 1202N	12	21	33.6	26.6	20.7	10.8	R1/4	12	10
PH 1203N	12	21	34.5	33.5	20.5	11.7	R3/8	19	10
PH 1204N	12	21	36.5	40.2	25.4	15.7	R1/2	24	10

PH-G

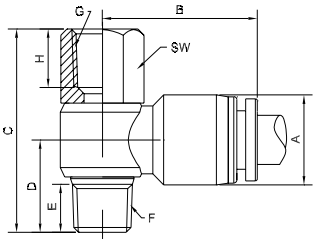
COMPLETE SINGLE BANJO PARALLEL / **ÉQUERRE MALE CYLINDRIQUE ORIENTABLE** / *GOMITO GIREVOLE MASCHIO CILINDRICO*



CODE	tube Ø	A	B	C	D	E	F	SW	min.pcs.
PH-G 04M5N	4	11	27.1	19.9	12.2	3.5	M5	8	10
PH-G 0401N	4	11	23	24	15	5.5	G1/8	12	10
PH-G 0402N	4	11	24.6	27.1	20.7	6.9	G1/4	15	10
PH-G 06M5N	6	13	24.5	19.9	12.2	3.5	M5	8	10
PH-G 0601N	6	13	24.5	24	15	5.5	G1/8	12	10
PH-G 0602N	6	13	26.2	27.1	20.7	6.9	G1/4	15	10
PH-G 0603N	6	13	28.6	31.7	20.5	8.2	G3/8	19	10
PH-G 0801N	8	14.6	25.8	24	15	5.5	G1/8	12	10
PH-G 0802N	8	14.6	27.5	27.1	20.7	6.9	G1/4	15	10
PH-G 0803N	8	14.6	30.2	31.7	20.5	8.2	G3/8	19	10
PH-G 0804N	8	21	36.5	35	25.4	9.2	G1/2	24	10
PH-G 1002N	10	17.6	29.2	27.1	20.7	6.9	G1/4	15	10
PH-G 1003N	10	17.6	30.7	31.7	20.5	8.2	G3/8	19	10
PH-G 1004N	10	21	36.5	35	25.4	9.2	G1/2	24	10
PH-G 1202N	12	21	33.6	27.1	20.7	6.9	G1/4	12	10
PH-G 1203N	12	21	34.5	31.7	20.5	8.2	G3/8	19	10
PH-G 1204N	12	21	36.5	35	25.4	9.2	G1/2	24	10

PHF

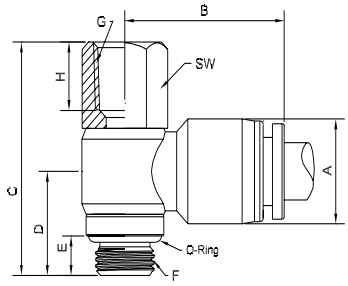
COMPLETE SINGLE FEMALE BANJO TAPER / **ÉQUERRE ORIENTABLE CONIQUE FEMELLE** / *GOMITO GIREVOLE FEMMINA CONICO*



CODE	tube Ø	A	B	C	D	E	F	SW	G	H	min.pcs.
PHF 0401N	4	11	23	33	15	7.8	R1/8	12	R1/8	9.5	10
PHF 0402N	4	11	24.6	34	19.2	9	R1/4	17	R1/4	11	10
PHF 0601N	6	13	24.5	33	15	7.8	R1/8	12	R1/8	9.5	10
PHF 0602N	6	13	26.2	34	18.9	9	R1/4	17	R1/4	11	10
PHF 0603N	6	13	28.6	43.1	20.5	11.7	R3/8	19	R3/8	12	10
PHF 0801N	8	14.6	25.8	33	15	7.8	R1/8	12	R1/8	9.5	10
PHF 0802N	8	14.6	27.5	34	18.9	9	R1/4	17	R1/4	11	10
PHF 0803N	8	14.6	30.2	43.1	20.5	11.7	R3/8	19	R3/8	12	10
PHF 0804N	8	21	36.5	49.3	22.7	13	R1/2	24	R1/2	15	10
PHF 1002N	10	17.6	29.2	34	18.9	9	R1/4	17	R1/4	11	10
PHF 1003N	10	17.6	30.7	43.1	20.5	11.7	R3/8	19	R3/8	12	10
PHF 1004N	10	21	36.5	49.3	22.7	13	R1/2	24	R1/2	15	10
PHF 1203N	12	21	34.5	43.1	20.5	11.7	R3/8	19	R3/8	12	10
PHF 1204N	12	21	36.5	49.3	22.7	13	R1/2	24	R1/2	15	10

PHF-G

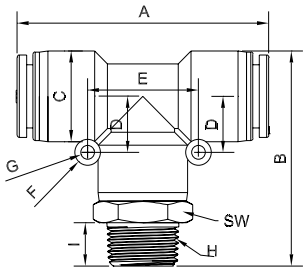
COMPLETE SINGLE FEMALE BANJO PARALLEL / **ÉQUERRE ORIENTABLE CYLINDRIQUE FEMELLE** / *GOMITO GIREVOLE FEMMINA CILINDRICO*



CODE	tube Ø	A	B	C	D	E	F	SW	G	H	min.pcs.
PHF-G 04M5N	4	11	21	24.9	12.2	3.5	M5	8	M5	7	10
PHF-G 0401N	4	11	23	31.5	15	5.5	G1/8	12	G1/8	8	10
PHF-G 0402N	4	11	24.6	32	19.2	6.9	G1/4	17	G1/4	9	10
PHF-G 06M5N	6	13	22.6	24.9	12.2	3.5	M5	8	M5	7	10
PHF-G 0601N	6	13	24.5	31.5	15	5.5	G1/8	12	G1/8	8	10
PHF-G 0602N	6	13	26.2	32	18.9	6.9	G1/4	17	G1/4	9	10
PHF-G 0603N	6	13	28.6	41.1	20.5	8.2	G3/8	19	G3/8	10	10
PHF-G 0801N	8	14.6	25.8	31.5	15	5.5	G1/8	12	G1/8	8	10
PHF-G 0802N	8	14.6	27.5	32	18.9	6.9	G1/4	17	G1/4	9	10
PHF-G 0803N	8	14.6	30.2	41.1	20.5	8.2	G3/8	19	G3/8	10	10
PHF-G 0804N	8	21	36.5	47.3	22.7	9.2	G1/2	24	G1/2	13	10
PHF-G 1002N	10	17.6	29.2	32	18.9	6.9	G1/4	17	G1/4	9	10
PHF-G 1003N	10	17.6	30.7	41.7	20.5	8.2	G3/8	19	G3/8	10	10
PHF-G 1004N	10	21	36.5	47.3	22.7	9.2	G1/2	24	G1/2	13	10
PHF-G 1203N	12	21	34.5	41.1	20.5	8.2	G3/8	19	G3/8	10	10
PHF-G 1204N	12	21	36.5	47.3	22.7	9.2	G1/2	24	G1/2	13	10

PT

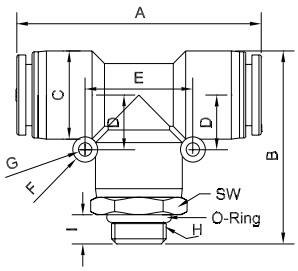
ROTARY TEE ADAPTOR TAPER / **T MALE CONIQUE ORIENTABLE** / *T GIREVOLE MASCHIO CONICO*



CODE	tube Ø	A	B	C	E	G	H	I	SW	min.pcs.
PT 0401N	4	35.6	28.7	11	16	3.2	R1/8	7.5	10	10
PT 0402N	4	35.6	30.2	11	16	3.2	R1/4	9	14	10
PT 0601N	6	41.8	32.2	13	18	3.2	R1/8	7.5	12	10
PT 0602N	6	41.8	33.7	13	18	3.2	R1/4	9	14	10
PT 0603N	6	41.8	35.7	13	18	3.2	R3/8	10	17	10
PT 0801N	8	46.8	37.4	14.6	20	3.2	R1/8	7.5	14	10
PT 0802N	8	46.8	38.9	14.6	20	3.2	R1/4	9	14	10
PT 0803N	8	46.8	40.9	14.6	20	3.2	R3/8	10	17	10
PT 0804N	8	46.8	43.9	14.6	20	3.2	R1/2	13	21	10
PT 1001N	10	51.4	40.9	17.6	22	3.2	R1/8	7.5	17	10
PT 1002N	10	52.4	42.3	17.6	22	3.2	R1/4	9	17	10
PT 1003N	10	53.4	44.3	17.6	22	3.2	R3/8	10	17	10
PT 1004N	10	54.4	47.3	17.6	22	3.2	R1/2	13	21	10
PT 1202N	12	58	47.1	21	25.5	3.2	R1/4	9	19	10
PT 1203N	12	58	49.6	21	25.5	3.2	R3/8	10	19	10
PT 1204N	12	58	52.6	21	25.5	3.2	R1/2	13	21	10
PT 1603N	16	69	57.7	26	30	4.2	R3/8	10	24	10
PT 1604N	16	69	60.7	26	30	4.2	R1/2	13	24	10

PT-G

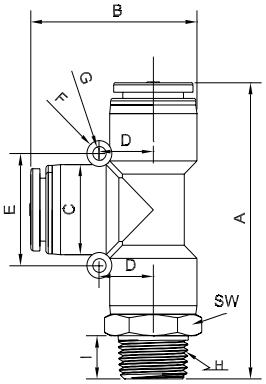
ROTARY TEE ADAPTOR PARALLEL / **T MALE CYLINDRIQUE ORIENTABLE** / *T GIREVOLE MASCHIO CILINDRICO*



CODE	tube Ø	A	B	C	E	G	H	I	SW	min.pcs.
PT-G 04M5N	4	35.6	24.7	11	16	3.2	M5	3.5	10	10
PT-G 0401N	4	35.6	26.7	11	16	3.2	G1/8	5.5	14	10
PT-G 0402N	4	35.6	28.2	11	16	3.2	G1/4	6.9	17	10
PT-G 06M5N	6	41.8	28.2	13	18	3.2	M5	3.5	12	10
PT-G 0601N	6	41.8	30.2	13	18	3.2	G1/8	5.5	14	10
PT-G 0602N	6	41.8	31.6	13	18	3.2	G1/4	6.9	17	10
PT-G 0603N	6	41.8	33.9	13	18	3.2	G3/8	8.2	19	10
PT-G 0801N	8	46.8	35.4	14.6	20	3.2	G1/8	5.5	14	10
PT-G 0802N	8	46.8	36.9	14.6	20	3.2	G1/4	6.9	17	10
PT-G 0803N	8	46.8	39.1	14.6	20	3.2	G3/8	8.2	19	10
PT-G 0804N	8	46.8	40.1	14.6	20	3.2	G1/2	9.2	24	10
PT-G 1001N	10	51.4	38.8	17.6	22	3.2	G1/8	5.5	17	10
PT-G 1002N	10	52.4	40.4	17.6	22	3.2	G1/4	6.9	17	10
PT-G 1003N	10	53.4	42.4	17.6	22	3.2	G3/8	8.2	19	10
PT-G 1004N	10	54.4	43.5	17.6	22	3.2	G1/2	9.2	24	10
PT-G 1202N	12	58	45	21	25.5	3.2	G1/4	6.9	19	10
PT-G 1203N	12	58	47.6	21	25.5	3.2	G3/8	8.2	19	10
PT-G 1204N	12	58	48.6	21	25.5	3.2	G1/2	9.2	24	10
PT-G 1603N	16	69	55.4	26	30	4.2	G3/8	8.2	24	10
PT-G 1604N	16	69	56.4	30	4.2	4.2	G1/2	9.2	24	10

PST

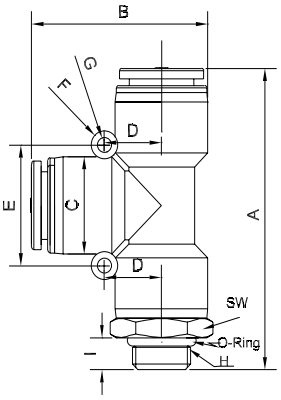
ROTARY TEE LATERAL ADAPTOR TAPER / **T PIQUAGE LATÉRAL MÂLE CONIQUE** / *T MASCHIO LATERALE CONICO*



CODE	tube Ø	A	B	C	E	G	H	I	SW	min.pcs.
PST 0401N	4	42.8	21.5	11	16	3.2	R1/8	7.5	10	10
PST 0402N	4	44.3	21.5	11	16	3.2	R1/4	9	14	10
PST 0601N	6	48.5	25.5	13	18	3.2	R1/8	7.5	12	10
PST 0602N	6	50	25.5	13	18	3.2	R1/4	9	14	10
PST 0603N	6	52	25.5	13	18	3.2	R3/8	10	17	10
PST 0801N	8	53.5	30.7	14.6	20	3.2	R1/8	7.5	14	10
PST 0802N	8	55	30.7	14.6	20	3.2	R1/4	9	14	10
PST 0803N	8	57	30.7	14.6	20	3.2	R3/8	10	17	10
PST 0804N	8	60	30.7	14.6	20	3.2	R1/2	13	21	10
PST 1001N	10	57.8	34.5	17.6	22	3.2	R1/8	7.5	17	10
PST 1002N	10	59.2	34.5	17.6	22	3.2	R1/4	9	17	10
PST 1003N	10	61.2	34.5	17.6	22	3.2	R3/8	10	17	10
PST 1004N	10	64.2	34.5	17.6	22	3.2	R1/2	13	21	10
PST 1202N	12	65.6	39.5	21	25.5	3.2	R1/4	9	19	10
PST 1203N	12	68.1	39.5	21	25.5	3.2	R3/8	10	19	10
PST 1204N	12	71.1	39.5	21	25.5	3.2	R1/2	13	21	10
PST 1603N	16	79.2	47.5	26	30	4.2	R3/8	10	24	10
PST 1604N	16	82.2	47.5	26	30	4.2	R1/2	13	24	10

PST-G

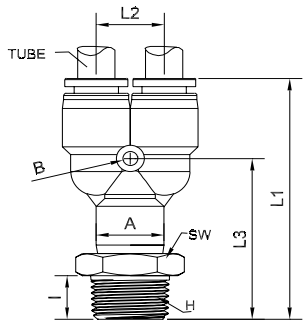
ROTARY TEE LATERAL ADAPTOR PARALLEL / **T PIQUAGE LATÉRAL MÂLE CYLINDRIQUE** / *T MASCHIO LATERALE CILINDRICO*



CODE	tube Ø	A	B	C	E	G	H	I	SW	min.pcs.
PST-G 04M5N	4	38.8	21.5	11	16	3.2	M5	3.5	10	10
PST-G 0401N	4	40.8	21.5	11	16	3.2	G1/8	5.5	14	10
PST-G 0402N	4	42.3	21.5	11	16	3.2	G1/4	6.9	17	10
PST-G 06M5N	6	44.5	25.5	13	18	3.2	M5	3.5	12	10
PST-G 0601N	6	46.5	25.5	13	18	3.2	G1/8	5.5	14	10
PST-G 0602N	6	47.9	25.5	13	18	3.2	G1/4	6.9	17	10
PST-G 0603N	6	50.2	25.5	13	18	3.2	G3/8	8.2	19	10
PST-G 0801N	8	51.5	30.7	14.6	20	3.2	G1/8	5.5	14	10
PST-G 0802N	8	53	30.7	14.6	20	3.2	G1/4	6.9	17	10
PST-G 0803N	8	55.2	30.7	14.6	20	3.2	G3/8	8.2	19	10
PST-G 0804N	8	56.2	30.7	14.6	20	3.2	G1/2	9.2	24	10
PST-G 1001N	10	55.7	34.5	17.6	22	3.2	G1/8	5.5	17	10
PST-G 1002N	10	58.3	34.5	17.6	22	3.2	G1/4	6.9	17	10
PST-G 1003N	10	61.3	34.5	17.5	22	3.2	G3/8	8.2	19	10
PST-G 1004N	10	63.4	34.5	17.6	22	3.2	G1/2	9.2	24	10
PST-G 1202N	12	63.5	39.5	21	25.5	3.2	G1/4	6.9	19	10
PST-G 1203N	12	66.1	39.5	21	25.5	3.2	G3/8	8.2	19	10
PST-G 1204N	12	67.1	39.5	21	25.5	3.2	G1/2	9.2	24	10
PST-G 1603N	16	76.9	47.5	26	30	4.2	G3/8	9.2	24	10
PST-G 1604N	16	77.9	47.5	26	30	4.2	G1/2	10	24	10

PWT

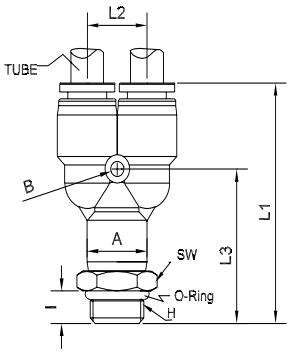
Y ADAPTOR TAPER / **Y MALE CONIQUE** / *Y MASCHIO CONICO*



CODE	tube Ø	A	B	L1	L2	L3	I	H	SW	min.pcs.
PWT 0401N	4	10.9	3.2	41.8	11	27.2	R1/8	7.5	10	10
PWT 0402N	4	10.9	3.2	43.3	11	28.7	R1/4	9	14	10
PWT 0601N	6	12.9	3.2	42.8	13.2	42.8	R1/8	7.5	12	10
PWT 0602N	6	12.9	3.2	44.2	13.2	31.5	R1/4	9	14	10
PWT 0603N	6	12.9	3.2	46.2	13.2	33.5	R3/8	10	17	10
PWT 0801N	8	14.7	3.2	51.7	14.6	33.4	R1/8	7.5	14	10
PWT 0802N	8	14.7	3.2	53	14.6	34.7	R1/4	9	14	10
PWT 0803N	8	14.7	3.2	55	14.6	36.7	R3/8	10	17	10
PWT 0804N	8	14.7	3.2	58	14.6	39.7	R1/8	13	21	10
PWT 1002N	10	18	3.2	56.3	17.6	35.3	R1/4	9	17	10
PWT 1003N	10	18	3.2	58.3	17.6	37.3	R3/8	10	17	10
PWT 1004N	10	18	3.2	61.3	17.6	40.3	R1/2	13	21	10
PWT 1202N	12	21	3.2	62.7	21	41.3	R1/4	9	19	10
PWT 1203N	12	21	3.2	64.7	21	43.3	R3/8	10	19	10
PWT 1204N	12	21	3.2	67.7	21	46.3	R1/2	13	21	10
PWT 1603N	16	26	4.2	69.8	26	47	R3/8	10	24	10
PWT 1604N	16	26	4.2	72.8	26	50	R1/2	13	24	10

PWT-G

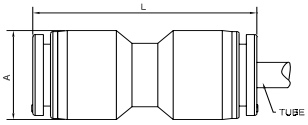
Y ADAPTOR PARALLEL / **Y MALE CYLINDRIQUE** / *Y MASCHIO CILINDRICO*



CODE	tube Ø	A	B	L1	L2	L3	I	H	SW	min.pcs.
PWT-G 04M5N	4	10.9	3.2	37.8	11	23.2	3.5	M5	10	10
PWT-G 0401N	4	10.9	3.2	39.8	11	25.2	5.5	G1/8	14	10
PWT-G 0402N	4	10.9	3.2	41.3	11	26.7	6.9	G1/4	17	10
PWT-G 06M5N	6	12.9	3.2	38.7	13.2	26	3.5	M5	12	10
PWT-G 0601N	6	12.9	3.2	40.7	13.2	28	5.5	G1/8	14	10
PWT-G 0602N	6	12.9	3.2	42.1	13.2	29.4	6.9	G1/4	17	10
PWT-G 0603N	6	12.9	3.2	44.4	13.2	31.7	8.2	G3/8	19	10
PWT-G 0801N	8	14.7	3.2	49.5	14.6	31.2	5.5	G1/8	14	10
PWT-G 0802N	8	14.7	3.2	51	14.6	32.7	6.9	G1/4	17	10
PWT-G 0803N	8	14.7	3.2	53.2	14.6	34.9	8.2	G3/8	19	10
PWT-G 0804N	8	14.7	3.2	54.2	14.6	35.9	9.2	G1/2	24	10
PWT-G 1001N	10	18	3.2	52.8	17.6	31.8	5.5	G1/8	17	10
PWT-G 1002N	10	18	3.2	54.4	17.6	33.4	6.9	G1/4	17	10
PWT-G 1003N	10	18	3.2	56.4	17.6	35.4	8.2	G3/8	19	10
PWT-G 1004N	10	18	3.2	57.5	17.6	36.5	9.2	G1/2	24	10
PWT-G 1202N	12	21	3.2	60.6	21	39.2	6.9	G1/4	19	10
PWT-G 1203N	12	21	3.2	63.2	21	41.8	8.2	G3/8	19	10
PWT-G 1204N	12	21	3.2	64.2	21	42.8	9.2	G1/2	24	10
PWT-G 1603N	16	26	4.2	67.5	26	44.7	9.2	G3/8	24	10
PWT-G 1604N	16	26	4.2	68.5	26	45.7	10	G1/2	24	10

PUC

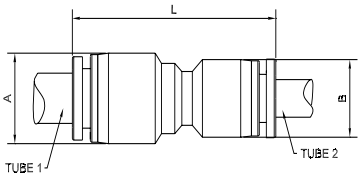
UNION CONNECTOR / **DROIT DOUBLE** / *INTERMEDIO DIRITTO*



CODE	tube Ø	A	L	min.pcs.
PUC 0400N	4	10.9	33.5	10
PUC 0600N	6	12.9	34.6	10
PUC 0800N	8	14.7	39	10
PUC 1000N	10	18	43.3	10
PUC 1200N	12	21	46.3	10
PUC 1600N	16	26	55.6	10

PG

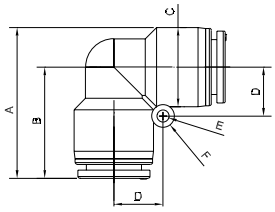
REDUCED UNION CONNECTOR / **DROIT DOUBLE RÉDUCTION** / *INTERMEDIO DIRITTO CON RIDUZIONE*



CODE	tube 1 Ø	tube 2 Ø	A	B	L	min.pcs.
PG 0604N	6	4	12.9	10.9	35.6	10
PG 0806N	8	6	14.7	12.9	38.5	10
PG 1008N	10	8	18	14.7	41.9	10
PG 1210N	12	10	21	18	46	10

PUL

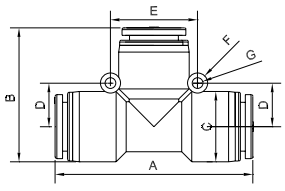
ELBOW CONNECTOR / **ÉQUERRE** / *INTERMEDIO A L*



CODE	tube Ø	A	B	C	D	E	min.pcs.
PUL 0400N	4	21.5	17.8	11	8	3.2	10
PUL 0600N	6	25.5	20.9	13	9	3.2	10
PUL 0800N	8	30.7	23.4	14.6	10	3.2	10
PUL 1000N	10	34.5	25.7	17.6	11	3.2	10
PUL 1200N	12	39.5	29	21	12.7	3.2	10
PUL 1600N	16	47.5	34.5	26	15	4.2	10

PUT

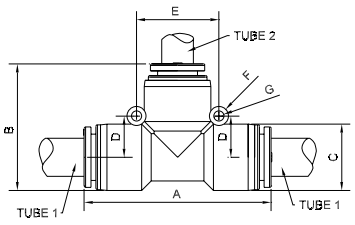
TEE CONNECTOR / **T** / *INTERMEDIO A T*



CODE	tube Ø	A	B	C	D	E	min.pcs.
PUT 0400N	4	35.6	21.5	11	8	16	10
PUT 0600N	6	41.8	25.5	13	9	18	10
PUT 0800N	8	46.8	30.7	14.6	10	20	10
PUT 1000N	10	51.4	34.5	17.6	11	22	10
PUT 1200N	12	58	39.5	21	12.7	25.5	10
PUT 1600N	16	69	47.5	26	15	30	10

PGT

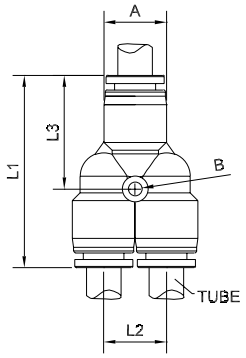
REDUCER TEE CONNECTOR / **T RÉDUCTION** / *INTERMEDIO A T RIDOTTO*



CODE	tube 1 Ø	tube 2 Ø	A	B	C	D	E	F	G	min.pcs.
PGT 0604N	6	4	41.8	25	13	9	18	6.5	3.2	10
PGT 0806N	8	6	46.8	30.7	14.6	10	20	6.5	3.2	10
PGT 1008N	10	8	51.4	34.1	17.6	11	22	6.5	3.2	10
PGT 1210N	12	10	58	39.3	21	12.7	25.5	6.5	3.2	10

PY

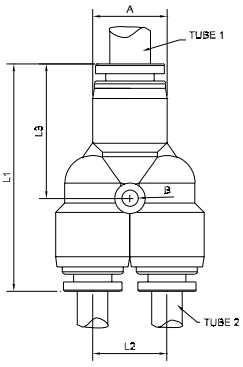
Y CONNECTOR / **Y** / *INTERMEDIO A Y*



CODE	tube Ø	A	B	L1	L2	L3	min.pcs.
PY 0400N	4	10.9	3.2	34.6	11	20	10
PY 0600N	6	12.9	3.2	36	13.2	23.3	10
PY 0800N	8	14.7	3.2	44.8	14.6	26.5	10
PY 1000N	10	18	3.2	48.5	17.6	27.5	10
PY 1200N	12	21	3.2	55.1	21	33.7	10
PY 1600N	16	26	4.2	59.6	26	36.8	10

PW

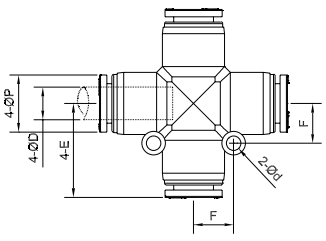
REDUCED Y CONNECTOR / **Y RÉDUCTION** / *INTERMEDIO A Y RIDOTTO*



CODE	tube 1 Ø	tube 2 Ø	A	B	L1	L2	L3	min.pcs.
PW 0604N	6	4	12.9	3.2	35.5	13.2	20	10
PW 0806N	8	6	14.7	3.2	44.8	14.6	23.3	10
PW 1008N	10	8	18	3.2	48.1	17.6	26.5	10
PW 1210N	12	10	21	3.2	54.9	21	27.5	10

PZA

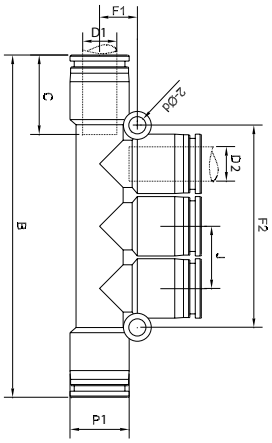
CROSS CONNECTOR / **CROIX JUNCTION** / *GIUNZIONE A CROCE*



CODE	ØD	P	C	E	F	d	min.pcs.
PZA 0400N	4	10	15.5	17.7	8	3.2	10
PZA 0600N	6	12.8	15.6	20.5	9.5	3.2	10
PZA 0800N	8	13.8	18	22.8	10.2	3.2	10
PZA 1000N	10	16.8	19.3	26.3	12	3.2	10
PZA 1200N	12	19.8	21	29.3	14	3.2	10

PKG

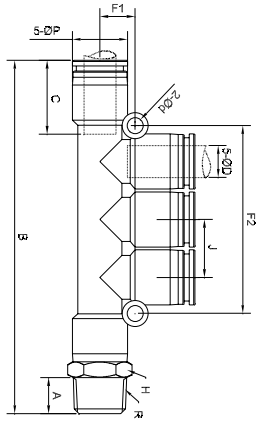
MULTI TEE CONNECTOR / **MULTI T** / *MULTI T*



CODE	D1	D2	P1	B	C	F1	F2	J	Ød	min.pcs.
PKG 0604N	6	4	12.8	60.2	15.6	8.8	40.4	13	3.2	10
PKG 0804N	8	4	13.8	60.8	18	8.8	40.4	13	3.2	10
PKG 0806N	8	6	13.8	61.5	18	8.8	40.4	13	3.2	10
PKG 1006N	10	6	16.8	81.6	21	10	47	14.5	4	10
PKG 1008N	10	8	16.8	80	19.3	10	47	14.5	4	10
PKG 1210N	12	10	19.8	81.6	21	10	47	14.5	4	10

PKD

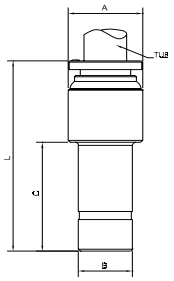
MULTI TEE CONNECTOR TAPER / **MULTI T CONIQUE** / *MULTI T MASCHIO CONICO*



CODE	ØD1	ØD2	R	P1	P2	A	B	C1	C2	F1	F2	H	J	d
PKD 060401N	6	4	R1/8	12.8	10	7.5	67.2	15.6	15.5	8.8	40.4	12	13	3.2
PKD 080402N	8	4	R1/4	13.8	10	9	69	18	15.5	8.8	40.4	14	13	3.2
PKD 080602N	8	6	R1/4	13.8	12.8	9	9.4	18	15.6	.8	40.4	14	14.5	4
PKD 100803N	10	8	R3/8	16.8	13.8	11	90.3	19.3	18	10	47	17	14.5	4

PGJ

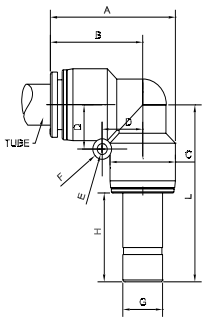
REDUCER / **RÉDUCTION** / *RIDUZIONE CODOLO TUBO*



CODE	tube Ø	A	B	C	L	min.pcs.
PGJ 0604N	4	10.5	6	19.5	32.5	10
PGJ 0804N	4	10.5	8	20	35.5	10
PGJ 0806N	6	12.5	8	20	36.4	10
PGJ 1006N	6	12.5	10	24	38.4	10
PGJ 1008N	8	14.5	10	24	39.2	10
PGJ 1206N	6	12.5	12	27.5	43.5	10
PGJ 1208N	8	14.5	12	27.5	44	10
PGJ 1210N	10	17.5	12	27.5	48.1	10

PLJ

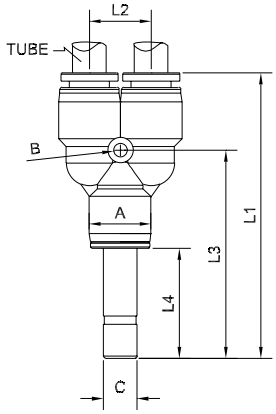
ELBOW WITH STEM / **ÉQUERRE AVEC TIGE** / *CODOLO INTERMEDIO A L*



CODE	tube Ø	A	B	C	D	E	G	H	L	min.pcs.
PLJ 0400N	4	21.5	17.8	11	8	3.2	4	19.5	34.5	10
PLJ 0600N	6	25.5	20.9	13	9	3.2	6	19.5	37.6	10
PLJ 0800N	8	30.7	23.4	14.6	10	3.2	8	20	39.6	10
PLJ 1000N	10	34.5	25.7	17.6	11	3.2	10	24	42.4	10
PLJ 1200N	12	39.5	29	21	12.7	3.2	12	27.5	49.3	10

PYJ

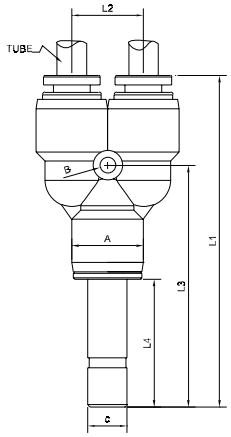
Y WITH STEM / **Y AVEC TIGE** / *CODOLO INTERMEDIO A Y*



CODE	tube Ø	A	B	C	L1	L2	L3	L4	min.pcs.
PYJ 0400N	4	10.9	3.2	4	51.3	11	36.7	19.5	10
PYJ 0600N	6	12.9	3.2	6	51.7	13.2	39.5	19.5	10
PYJ 0800N	8	14.7	3.2	8	61.5	14.6	43.2	20	10
PYJ 1000N	10	18	3.2	10	68.4	17.6	47.8	24	10
PYJ 1200N	12	21	3.2	12	78.5	21	57.3	27.5	10

PWJ

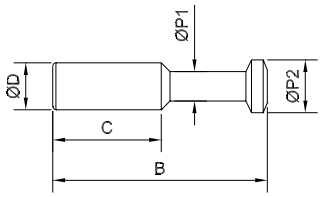
REDUCED Y WITH STEM / **Y RÉDUIT AVEC TIGE** / *CODOLO INTERMEDIO A Y RIDOTTO*



CODE	tube Ø	A	B	C	L1	L2	L3	L4	min.pcs.
PWJ 0604N	4	10.9	3.2	6	51.3	13.2	36.7	19.5	10
PWJ 0806N	6	12.9	3.2	8	52.2	14.6	39.5	19.5	10
PWJ 1008N	8	14.7	3.2	10	65.5	17.6	43.2	20	10
PWJ 1210N	10	18	3.2	12	71.9	21	47.8	24	10

PP

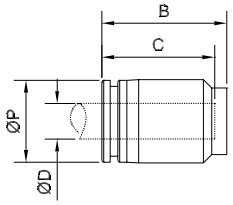
MALE PLUG / **BOUCHON MALE** / *TAPPO MASCHIO*



CODE	D	P1	P2	B	C	min.pcs.
PP 0400N	4	3	5	30.2	15.5	10
PP 0600N	6	4	7	33.6	18	10
PP 0800N	8	5	9	36.6	18.5	10
PP 1000N	10	5	11	40.1	21	10
PP 1200N	12	6	13	43.5	23	10

PPF

FEMALE PLUG / **BOUCHON FEMELLE** / *TAPPO FEMMINA*



CODE	tube Ø	P	B	C	min.pcs.
PPF 0400N	4	10	18	15.5	10
PPF 0600N	6	12.8	20	18	10
PPF 0800N	8	13.8	21	18	10
PPF 1000N	10	16.8	22	19.3	10
PPF 1200N	12	19.8	23	21	10

PUSH-IN FITTINGS IN BRASS
RACCORDS INSTANTANES LAITON
RACCORDI INNESTO RAPIDO IN OTTONE

Push-in fittings are so defined as they allow to connect the tube to the fitting in a "instantaneous" way without using tools. The tightness of the tube takes place through an elastic clamp which holds the tube on the external diameter and releases it by pushing the suitable puller.
This type of fittings is used in order to speed up the assembly phases mainly in reduced space and time-saving during connection of different pneumatic components.

Le raccord rapide est appelé ainsi car il permet de raccorder instantanément le tuyau à la connexion c'est à dire sans l'aide d'outils.
L'étanchéité du tube a lieu au moyen d'une bague laiton élastique qui maintient le tuyau flexible sur le diamètre extérieur et en actionnant cette bague le tuyau se déconnecte . Ce système est utilisé pour simplifier les étapes de montage. Idéal pour les espaces réduits ce raccord permet de gagner du temps dans la connexion des composants pneumatiques.

I raccordi rapidi sono così denominati perché permettono di accoppiare il tubo al raccordo in modo istantaneo senza l'ausilio di utensili.
La tenuta del tubo avviene per mezzo di una pinza elastica che trattiene il tubo sul diametro esterno e lo rilascia spingendo l'apposito estrattore. Questa tipologia di raccordi viene utilizzata per snellire le fasi di montaggio spesso in spazi ridotti e risparmiare tempo nei collegamenti dei vari componenti pneumatici.

ORDERING CODE / **CODIFICATION** / *CHIAVE DI CODIFICA*

A 1 0 0 6 1/8

TUBE DIAMETER
DIAMÈTRE TUBE
DIAMETRO TUBO
4=4mm
5=5mm
6=6mm
8=8mm
10=10mm
12=12mm
14=14mm
16=16mm

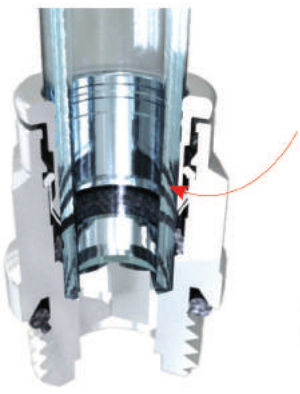
THREAD SIZE
TAILLE DE FILETAGE
MISURA DEL FILETTO
M5
M6
M7
1/8
1/4
3/8
1/2

TECHNICAL DATA / **DONNÉES TECHNIQUES** / *DATI TECNICI*

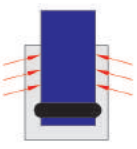
Fluid / **Fluide** / *Fluido*	Air / **Air** / *Aria*
Operating temperature range / **Température d'utilisation** / *Temperatura di esercizio*	-20°C / +70°C
Max operating pressure / **Pression Max** / *Pressione massima di esercizio*	16 bar
Vacuum / **Vide** / *Vuoto*	max 98%
Body material / **Matière corps** / *Materiale corpo*	Nickel-plated brass / **Laiton nickelé** / *Ottone nichelato*
Gripper clamp / **Pince d'accrochage** / *Pinza di aggancio*	AISI 316L
Ring / **Ring** / *Anello*	Nickel-plated brass / **Laiton nickelé** / *Ottone nichelato*
Seals / **Joints** / Guarnizioni	NBR
Threads / **Filetage** / *Filettature*	Parallel DIN EN ISO 228 / **Cylindrique DIN EN ISO 228** / *Cilindrico DIN EN ISO 228* Taper DIN EN 10226 (DIN 2999) / **Conique DIN EN 10226 (DIN 2999)** / *Conico DIN EN 10226 (DIN 2999)* Metric DIN ISO 261 / **Métrique DIN ISO 261** / *Metrico DIN ISO 261*
Recommended tubes / **Tubes recommandés** / *Tubi raccomandati*	Polyamide (PA) / **Polyamide (PA)** / *Poliammide (PA)* Polyurethane (PU) / **Polyuréthane (PU)** / *Poliuretano (PU)* Polyethylene (PE) / **Polyéthylène (PE)** / *Polietilene (PE)*
Tube tolerances / **Tolérance du tube** / *Tolleranza Tubi*	PE, PU Tube +/- 0.1 mm / **Tube PE, PU +/- 0,1 mm** / *Tubo PE, PU +/- 0.1 mm*

THE KEY POINTS / **LES POINTS CLES** / *I PUNTI DI FORZA*

Indestructible product even it is used for hooking and unhooking for a long time.
It allows to better support the tube when it has to be installed in very little spaces and/or with really tight bends.
Produit résistant, même s' il est plusieurs fois encliqueté ou inversement. Il est idéal en cas d'utilisation dans des espaces réduits et lorsque le tube est soumis à des rayons de courbure très étroits.
Prodotto indistruttibile anche se viene utilizzato per aggancio e sgancio prolungati.
Permette l'utilizzo in piccoli spazi e/o per curve del tubo particolarmente strette.

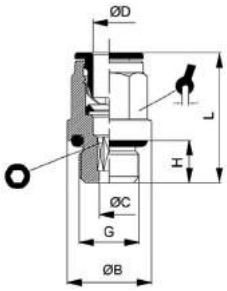


The special shape of the clamp allows to "drive" the tube along the fitting to obtain a perfect sealing with the inside o-ring.
La forme spéciale de la bague permet d'orienter le tube le long du raccord pour obtenir une parfaite étanchéité grace au joint torique à l'intérieur.
La particolare forma della pinza permette di guidare il tubo lungo il raccordo per ottenere una perfetta tenuta con l'anello di tenuta interno.



A101

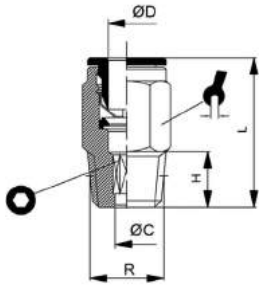
STRAIGHT MALE ADAPTOR PARALLEL / **DROIT MÂLE CYLINDRIQUE** / *DIRITTO MASCHIO CILINDRICO*



CODE	ØD	G	ØB	ØC	H	L		O	min.pcs.
A101 3-M3	3	M3	5,5	1,5	3	13,5	6,5	1,5	10
A101 3-M5	3	M5	8	2,1	4	15	6,5	2	10
A101 4-M5	4	M5	8	2,5	4	20,5	9	2,5	10
A101 4-M6	4	M6	9	2,6	7	23,5	9	2,5	10
A101 4-M7	4	M7	10,5	3	6	22,5	9	3	10
A101 4-M8	4	M8	12	2,6	7	24,5	10	2,5	10
A101 4-1/8	4	G1/8	13,5	2,6	5,5	19,5	9	2,5	10
A101 4-1/4	4	G1/4	17	2,6	6,5	19,5	9	2,5	10
A101 5-M5	5	M5	8	2,6	4	22	9,5	2,5	10
A101 5-1/8	5	G1/8	13,5	4,2	5,5	22	10	4	10
A101 5-1/4	5	G1/4	17	4,2	6,5	22	10	4	10
A101 6-M5	6	M5	8	2,5	4	22,5	11	2,5	10
A101 6-M6	6	M6	9	2,6	5	23,5	11	2,5	10
A101 6-M7	6	M7	11	3,6	6	24,5	11	3,5	10
A101 6-1/8	6	G1/8	13,5	4,2	5,5	23,5	11	4	10
A101 6-1/4	6	G1/4	17	4,2	6,5	22,5	11	4	10
A101 6-3/8	6	G3/8	20	4,2	9	25	13	4	10
A101 8-1/8	8	G1/8	12,8	5,2	5,5	26,5	13	5	10
A101 8-1/4	8	G1/4	17	6,2	6,5	23,5	13	6	10
A101 8-3/8	8	G3/8	20	6,2	9	25	13	6	10
A101 8-1/2	8	G1/2	23	6,2	11	31,5	13	6	10
A101 10-1/8	10	G1/8	13,5	5,2	5,5	29	16	5	10
A101 10-1/4	10	G1/4	16	7,3	6,5	27,5	16	7	10
A101 10-3/8	10	G3/8	21	8,3	9	29,5	16	8	10
A101 10-1/2	10	G1/2	24	8,3	11	31	16	8	10
A101 12-1/4	12	G1/4	16	7,3	6,5	30	18	7	10
A101 12-3/8	12	G3/8	21	10,3	9	31	18	10	10
A101 12-1/2	12	G1/2	24	10,3	11	31,5	18	10	10
A101 14-3/8	14	G3/8	21	10,3	9	34,5	21	10	10
A101 14-1/2	14	G1/2	25	12,3	11	34,5	21	12	10

A190

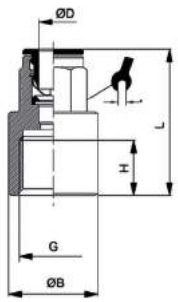
STRAIGHT MALE ADAPTOR TAPER / **DROIT MÂLE CONIQUE** / *DIRITTO MASCHIO CONICO*



CODE	ØD	R	ØC	H	L		O	min.pcs.
A190 4-1/8	4	R1/8	2,6	8	22,5	10	2,5	10
A190 4-1/4	4	R1/4	2,6	11	22,5	14	2,5	10
A190 6-1/8	6	R1/8	4,2	7	24,5	11	4	10
A190 6-1/4	6	R1/4	4,2	11	24,5	14	4	10
A190 8-1/8	8	R1/8	5,2	7	27,5	13	5	10
A190 8-1/4	8	R1/4	5,2	11	26,5	13	5	10
A190 8-3/8	8	R3/8	5,2	11,5	27,5	13	5	10
A190 10-1/4	10	R1/4	7,3	11	32,5	16	7	10
A190 10-3/8	10	R3/8	8,3	11,5	32,5	17	8	10

A102

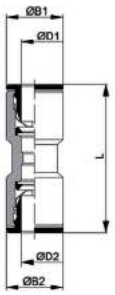
STRAIGHT FEMALE ADAPTOR / **DROIT FEMELLE** / *DIRITTO FEMMINA*



CODE	ØD	G	ØB	H	L		min.pcs.
A102 4-M5	4	M5	9	5	22,5	9	10
A102 4-1/8	4	G1/8	12	6,5	26,5	9	10
A102 4-1/4	4	G1/4	17	10	29,5	9	10
A102 5-1/8	5	G1/8	12	6,5	27	10	10
A102 5-1/4	5	G1/4	16	10	30	10	10
A102 6-1/8	6	G1/8	12	6,5	27	11	10
A102 6-1/4	6	G1/4	17	10	31	11	10
A102 8-1/8	8	G1/8	12	6,5	28	13	10
A102 8-1/4	8	G1/4	17	10	32	13	10
A102 10-1/4	10	G1/4	16	10	32	16	10
A102 10-3/8	10	G3/8	20	13	37,5	20	10

A103

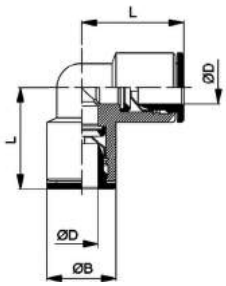
STRAIGHT CONNECTOR / **DROIT DOUBLE** / DIRITTO INTERMEDIO



CODE	ØD1	ØD2	ØB1	ØB2	L	min.pcs.
A103 3	3	3	6,5	6,5	21	10
A103 4	4	4	9	9	31	10
A103 5	5	5	9,5	9,5	33	10
A103 6	6	6	11	11	34	10
A103 8	8	8	13	13	38	10
A103 10	10	10	15	15	39	10
A103 12	12	12	17	17	43,5	10
A103 14	14	14	20	20	48	10
Reduced / **Réduit** / *Riduzione*						
A103 6-4	6	4	11	9	34	10
A103 8-6	8	6	13	11	39	10
A103 10-8	10	8	15	13	40	10
A103 12-10	12	10	17	15	42,5	10
A103 14-12	14	12	20	17	45,5	10

A104

ELBOW CONNECTOR / **ÉQUERRE** / *GOMITO INTERMEDIO*



CODE	ØD	ØB	L	min.pcs.
A104 3	3	6	12	10
A104 4	4	9	17,5	10
A104 5	5	9,5	19	10
A104 6	6	11	20	10
A104 8	8	13	23	10
A104 10	10	15	25	10
A104 12	12	17	27,5	10
A104 14	14	20	31	10

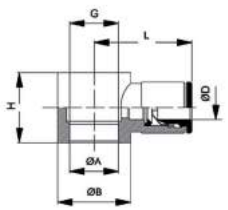
A105

TEE CONNECTOR / **CONNEXION T** / *INTERMEDIO A T*

CODE	ØD1	ØD2	ØB1	ØB2	L	min.pcs.
A105 3	3	3	6,5	6,5	11,5	10
A105 4	4	4	9	9	18	10
A105 5	5	5	9,5	9,5	19	10
A105 6	6	6	11	11	19,5	10
A105 8	8	8	13	13	22,5	10
A105 10	10	10	15	15	25	10
A105 12	12	12	17	17	27	10
A105 14	14	14	20	20	31	10
Reduced / **Réduit** / *Riduzione*						
A105 6-4-6	6	4	11	9	19,5	10
A105 8-6-8	8	6	13	11	22,5	10
A105 10-8-10	10	8	15	13	25	10

A199

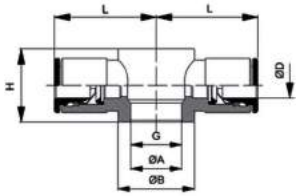
SINGLE BANJO BODY / **BANJO SIMPLE** / *ANELLO SEMPLICE*



CODE	ØD	G	ØA	ØB	H	L	min.pcs.
A199 4-M5	4	M5	5	9	9	18,5	10
A199 4-M6	4	M6	6	9	9	19,5	10
A199 4-1/8	4	G1/8	9,9	14	15	21	10
A199 5-M5	5	M5	5	9	9	19	10
A199 5-1/8	5	G1/8	9,9	14	15	22,5	10
A199 6-M5	6	M5	5,1	9	10,5	19,5	10
A199 6-1/8	6	G1/8	9,9	14	15	23	10
A199 6-1/4	6	G1/4	13,3	18	17	24	10
A199 8-1/8	8	G1/8	9,9	14	15	24,5	10
A199 8-1/4	8	G1/4	13,3	18	17	26	10
A199 8-3/8	8	G3/8	16,6	21	20	27,5	10
A199 10-1/4	10	G1/4	13,3	18	17	27	10
A199 10-3/8	10	G3/8	16,7	21	20	28,5	10
A199 12-1/4	12	G1/4	13,3	18	17	28,5	10
A199 12-3/8	12	G3/8	16,7	21	20	29,5	10

A109

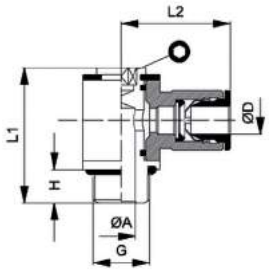
DOUBLE BANJO BODY / **BANJO DOUBLE** / *ANELLO DOPPIO*



CODE	ØD	G	ØA	ØB	H	L	min.pcs.
A109 4-M5	4	M5	5	7	9	18,5	10
A109 4-1/8	4	G1/8	9,9	14	15	21	10
A109 5-M5	5	M5	5	9	9,5	19	10
A109 5-1/8	5	G1/8	9,9	14	15	22,5	10
A109 6-1/8	6	G1/8	9,9	14	15	23	10
A109 6-1/4	6	G1/4	13,3	18	17	24	10
A109 8-1/8	8	G1/8	9,9	14	15	24,5	10
A109 8-1/4	8	G1/4	13,3	18	17	26	10

A114

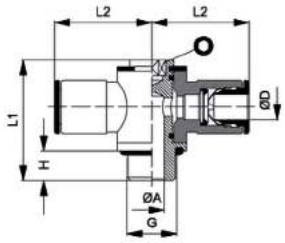
COMPLETE SINGLE BANJO BODY ROTATING / **COUDE BANJO SIMPLE + VIS** / *ASTA CILINDRICO CON ANELLO*



CODE	ØD	G	ØA	H	L1	L2	O	min.pcs.
A114 3-M3	3	M3	1,5	3	16	14	2	10
A114 3-M5	3	M5	2	4	16,8	14	2	10
A114 4-M5	4	M5	2	4	16,8	18,5	2	10
A114 4-1/8	4	G1/8	5,5	5,5	24,5	21,1	3	10
A114 5-M5	5	M5	2	4	16,8	19,5	2	10
A114 5-1/8	5	G1/8	5,5	5,5	24,5	22,5	3	10
A114 6-1/8	6	G1/8	5,5	5,5	24,5	23	3	10
A114 6-1/4	6	G1/4	7,8	8	29,3	24,2	4	10
A114 8-1/8	8	G1/8	5,5	5,5	24,5	24,5	3	10
A114 8-1/4	8	G1/4	7,8	8	29,3	26	4	10
A114 8-3/8	8	G3/8	10	9	34	27,5	5	10
A114 10-1/4	10	G1/4	7,8	8	29,3	27	4	10
A114 10-3/8	10	G3/8	10	9	34	28,5	5	10
A114 12-1/4	12	G1/4	7,8	8	29,3	28,5	4	10
A114 12-3/8	12	G3/8	10	9	34	29	5	10

A115

COMPLETE DOUBLE BANJO BODY / **COUDE BANJO DOUBLE + VIS** / *ASTA CILINDRICA CON ANELLO DOPPIO*



CODE	ØD	G	ØA	H	L1	L2	O	min.pcs.
A115 4-M5	4	M5	2	4	16,8	18,5	2	10
A115 4-1/8	4	G1/8	5,5	5,5	24,5	21,1	3	10
A115 5-M5	5	M5	2	4	16,8	19,5	2	10
A115 5-1/8	5	G1/8	5,5	5,5	24,5	22,5	3	10
A115 6-1/8	6	G1/8	5,5	5,5	24,5	23	3	10
A115 6-1/4	6	G1/4	7,8	8	29,3	24,2	4	10
A115 8-1/8	8	G1/8	5,5	5,5	24,5	24,3	3	10
A115 8-1/4	8	G1/4	7,8	8	29,3	26	4	10
A115 8-3/8	8	G3/8	10	9	34	27,5	5	10
A115 10-1/4	10	G1/4	7,8	8	29,3	27	4	10
A115 10-3/8	10	G3/8	10	9	34	28,5	5	10
A115 12-3/8	12	G3/8	10	9	34	29,5	5	10

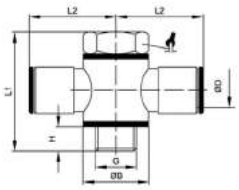
A110

COMPLETE SINGLE SWIVEL BANJO / **COUDE BANJO SIMPLE CYL.OR** / *ORIENTABILE SEMPLICE CON VITE CILINDRICA*

CODE	ØD	G	ØB	H	L1	L2	O	min.pcs.
A110 4-M5	4	M5	9	3	17,5	18,5	8	10
A110 4-M6	4	M6	9	7	22	19,5	9	10
A110 4-1/8	4	G1/8	14	5,5	28	21	14	10
A110 5-M5	5	M5	9	3	17,5	19,5	9	10
A110 5-1/8	5	G1/8	14	5,5	28	22,5	14	10
A110 6-M5	6	M5	9	3	19,5	19,5	8	10
A110 6-1/8	6	G1/8	14	5,5	28	23	14	10
A110 6-1/4	6	G1/4	18	7	33	24	17	10
A110 8-1/8	8	G1/8	14	5,5	28	24,5	14	10
A110 8-1/4	8	G1/4	18	7	33	26	17	10
A110 8-3/8	8	G3/8	21	7,5	36	27,5	19	10
A110 10-1/4	10	G1/4	18	7	33	27	17	10
A110 10-3/8	10	G3/8	21	7,5	36	28,5	19	10
A110 12-1/4	12	G1/4	18	7	33	28,5	17	10
A110 12-3/8	12	G3/8	21	7,5	36	29,5	19	10

A112

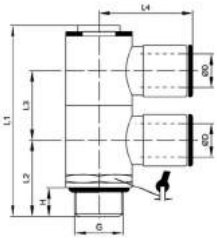
COMPLETE DOUBLE SWIVEL BANJO / **BANJO DOUBLE AVEC VIS CYLINDRIQUE** / *ORIENTABILE DOPPIO CON VITE CILINDRICA*



CODE	ØD	G	ØB	H	L1	L2		min.pcs.
A112 4-M5	4	M5	7	3	17,5	18,5	8	10
A112 4-1/8	4	G1/8	14	5,5	28	21	14	10
A112 5-M5	5	M5	7	3	17,5	19,5	8	10
A112 5-1/8	5	G1/8	14	5,5	28	22,5	14	10
A112 6-1/8	6	G1/8	14	5,5	28	23	14	10
A112 6-1/4	6	G1/4	18	7	33	24	17	10
A112 8-1/8	8	G1/8	14	5,5	28	24,5	14	10
A112 8-1/4	8	G1/4	18	7	33	26	17	10
A112 8-3/8	8	G3/8	21	7,5	36	27,5	19	10
A112 10-1/4	10	G1/4	18	7	33	27	17	10
A112 10-3/8	10	G3/8	21	7,5	36	28,5	19	10
A112 12-3/8	12	G3/8	21	7,5	36	29,5	19	10

A113

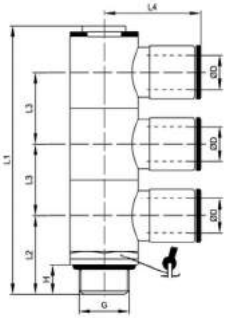
COMPLETE SINGLE BANJO, DOUBLE / **DOUBLE COUDE BANJO CYL.** / *ASTA CILINDRICA CON DOPPIO ANELLO*



CODE	ØD	G	H	L1	L2	L3	L4		min.pcs.
A113 4-1/8	4	G1/8	6	44	19	15	21	14	10
A113 6-1/8	6	G1/8	6	44	19	15	23	14	10
A113 6-1/4	6	G1/4	8	50	22,5	17	24	17	10
A113 8-1/8	8	G1/8	6	44	19	15	24,5	14	10
A113 8-1/4	8	G1/4	8	50	22,5	17	26	17	10
A113 10-1/4	10	G1/4	8	50	22,5	17	27	17	10
A113 12-1/4	12	G1/4	8	50	22,5	17	29	17	10

A116

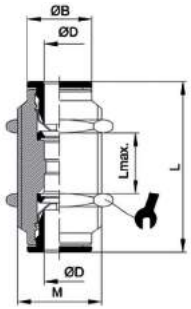
COMPLETE SINGLE BANJO, TRIPLE / **TRIPLE COUDE BANJO CYL.** / *ASTA CILINDRICA CON TRIPLO ANELLO*



CODE	ØD	G	H	L1	L2	L3	L4		min.pcs.
A116 4-1/8	4	G1/8	6	59	19	15	21	14	10
A116 6-1/8	6	G1/8	6	59	19	15	23	14	10
A116 6-1/4	6	G1/4	8	67	22	17	24	17	10
A116 8-1/8	8	G1/8	6	59	19	15	24,5	14	10
A116 8-1/4	8	G1/4	8	67	22	17	26	17	10
A116 10-1/4	10	G1/4	8	67	22	17	27	17	10
A116 12-1/4	12	G1/4	8	67	22	17	28,5	17	10

A111

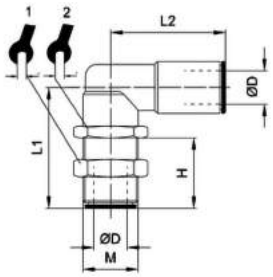
BULKHEAD UNION / **TRAVERSÉE DE CLOISON** / *PASSAPARETE*



CODE	ØD	M	ØB	Lmax	L		min.pcs.
A111 4	4	M10x1	9	15	32	13	10
A111 5	5	M11x1	9,5	14	33	14	10
A111 6	6	M14x1	11	11	33,5	17	10
A111 8	8	M16x1	13	16	37	18	10
A111 10	10	M17x1	15	19	39,5	20	10
A111 12	12	M20x1	17	17	42	24	10
A111 14	14	M22x1	20	21	46,5	25	10

A117

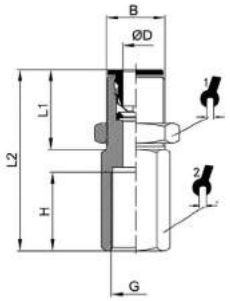
BULKHEAD UNION ELBOW / **ÉQUERRE TRAVERSÉE DE CLOISON** / *GOMITO PASSAPARETE*



CODE	ØD	M	H	L1	L2	1	2	min.pcs.
A117 4	4	M10x1	13	26	20	13	13	10
A117 6	6	M14x1	15	28	21,5	17	17	10
A117 8	8	M16x1	17,5	30,5	24	18	18	10
A117 10	10	M17x1	19,5	35	27	20	20	10

A122

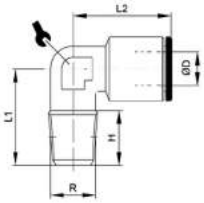
MANOMETER BULKHEAD CONNECTOR / **TRAVERSÉE DE CLOISON FEMELLE** / *PASSAPARETE FEMMINA*



CODE	ØD	G	B	H	L1	L2	1	2	min.pcs.
A122 4-1/8	4	G1/8	M10x1	6,5	15	25	13	15	10
A122 6-1/8	6	G1/8	M14x1	6,5	15,5	26,5	17	17	10
A122 6-1/4	6	G1/4	M14x1	10	15,5	31	17	17	10
A122 8-1/8	8	G1/8	M16x1	6,5	15,5	28,5	19	17	10
A122 8-1/4	8	G1/4	M16x1	10	15,5	33	19	17	10

A118

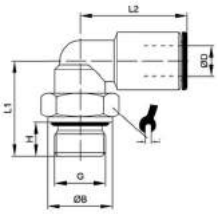
THREADED ELBOW ADAPTOR TAPER / **ÉQUERRE MALE CONIQUE FIXE** / *GOMITO MASCHIO CONICO FISSO*



CODE	ØD1	R	H	L1	L2	2	min.pcs.
A118 4-1/8	4	R1/8	8	16,5	18,5	10	10
A118 5-1/8	5	R1/8	8	16,5	19	10	10
A118 6-1/8	6	R1/8	8	16,5	22,5	10	10
A118 6-1/4	6	R1/4	11,5	22,5	24	12	10
A118 8-1/8	8	R1/8	10	18,5	25	11	10
A118 8-1/4	8	R1/4	12	22,5	25	11	10
A118 10-1/4	10	R1/4	12	22	25	14	10

A121

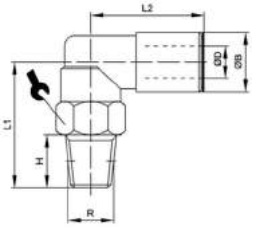
ROTARY ELBOW MALE ADAPTOR / **ÉQUERRE MALE CYLINDRIQUE** / *GOMITO MASCHIO GIREVOLE CILINDRICO*



CODE	ØD	G	ØB	H	L1	L2		min.pcs.
A121 4-M5	4	M5	8	4	14,5	18	9	10
A121 4-M6	4	M6	9	5	16	18	9	10
A121 4-M7	4	M7	10	6	17	18	9	10
A121 4-1/8	4	G1/8	13	5,5	19,5	20	13	10
A121 4-1/4	4	G1/4	16	6,5	22,5	20	13	10
A121 5-M5	5	M5	8	4	14,5	20,5	9	10
A121 5-1/8	5	G1/8	13	5,5	19,5	21	13	10
A121 5-1/4	5	G1/4	16	6,5	22,5	21	13	10
A121 6-M5	6	M5	8	4	15	21	9	10
A121 6-M6	6	M6	9	5	16	21	9	10
A121 6-M7	6	M7	10	6	17	21	9	10
A121 6-M12x1,25	6	M12x1,25	16	8	24	21,5	13	10
A121 6-M12x1,5	6	M12x1,5	16	8	24	21,5	13	10
A121 6-1/8	6	G1/8	13	5,5	19,5	21,5	13	10
A121 6-1/4	6	G1/4	16	6,5	22,5	21,5	13	10
A121 8-1/8	8	G1/8	13	5,5	20	23,5	13	10
A121 8-1/4	8	G1/4	16	6,5	23	23,5	13	10
A121 8-3/8	8	G3/8	20	9	26	23,5	13	10
A121 10-1/4	10	G1/4	16	6,5	23	26,5	16	10
A121 10-3/8	10	G3/8	20	9	28	26,5	16	10
A121 10-1/2	10	G1/2	25	11	30	26,5	16	10
A121 12-1/4	12	G1/4	16	6,5	29	29	16	10
A121 12-3/8	12	G3/8	20	9	28,5	29	20	10
A121 12-1/2	12	G1/2	25	11	33,5	29	20	10
A121 14-3/8	14	G3/8	20	9	28,5	32	20	10
A121 14-1/2	14	G1/2	25	11	33,5	32	20	10

A191

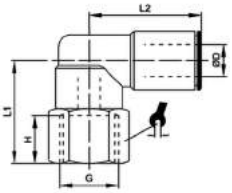
ROTARY ELBOW MALE ADAPTOR TAPER / **ÉQUERRE MALE CONIQUE** / *GOMITO MASCHIO GIREVOLE CONICO*



CODE	ØD	R	H	L1	L2		min.pcs.
A191 4-1/8	4	R1/8	7	20	20	13	10
A191 4-1/4	4	R1/4	11	25	20	14	10
A191 6-1/8	6	R1/8	7	20	21,5	13	10
A191 6-1/4	6	R1/4	11	25	21,5	14	10
A191 8-1/8	8	R1/8	7	20,5	24	13	10
A191 8-1/4	8	R1/4	11	25,5	24	14	10
A191 8-3/8	8	R3/8	11	28,5	24	18	10
A191 10-1/4	10	R1/4	11	26	27	16	10
A191 10-3/8	10	R3/8	11	30	27	18	10
A191 12-3/8	12	R3/8	11	32,5	29	20	10
A191 12-1/2	12	R1/2	14	35,5	29	22	10
A191 14-3/8	14	R3/8	11	35,5	32	22	10
A191 14-1/2	14	R1/2	14	35,5	32	22	10

A123

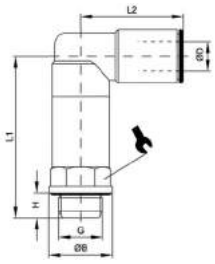
ROTARY ELBOW FEMALE / **ÉQUERRE FEMELLE** / *GOMITO FEMMINA GIREVOLE*



CODE	ØD	G	H	L1	L2		min.pcs.
A123 4-1/8	4	G1/8	8	18	20	13	10
A123 4-1/4	4	G1/4	11	22	20	16	10
A123 6-1/8	6	G1/8	8	18	21,5	13	10
A123 6-1/4	6	G1/4	11	22	21,5	16	10
A123 8-1/8	8	G1/8	8	18,5	23,5	13	10
A123 8-1/4	8	G1/4	11	22,5	23,5	16	10
A123 10-1/4	10	G1/4	9	24	26,5	16	10

A192

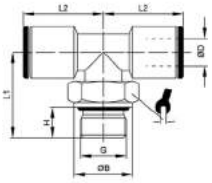
ROTARY ELBOW MALE LONG ADAPTOR / **ÉQUERRE LONGUE MALE CYLINDRIQUE** /
GOMITO MASCHIO LUNGO GIREVOLE CILINDRICO



CODE	ØD	G	ØB	H	L1	L2		min.pcs.
A192 4-M5	4	M5	8	4	24	18	9	10
A192 4-1/8	4	G1/8	13	5,5	32,5	20	13	10
A192 4-1/4	4	G1/4	16	6,5	36,5	20	13	10
A192 6-M5	6	M5	8	4	24	21	9	10
A192 6-1/8	6	G1/8	13	6	33	21,5	13	10
A192 6-1/4	6	G1/4	16	6,5	36,5	21,5	13	10
A192 8-1/8	8	G1/8	13	6	33	23,5	13	10
A192 8-1/4	8	G1/4	16	6,5	37	23,5	13	10
A192 8-3/8	8	G3/8	20	7	34,5	21	20	10
A192 10-1/4	10	G1/4	16	6,5	37	26,5	16	10
A192 10-3/8	10	G3/8	20	7	38	26,5	20	10

A119

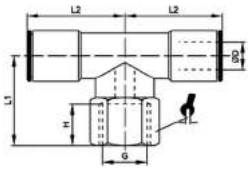
ROTARY TEE ADAPTOR PARALLEL / **T MALE CYLINDRIQUE** / *T MASCHIO GIREVOLE CILINDRICO*



CODE	ØD	G	ØB	H	L1	L2		min.pcs.
A119 4-M5	4	M5	8	4	16,6	19	9	10
A119 4-1/8	4	G1/8	13	6	20	20	13	10
A119 4-1/4	4	G1/4	16	6,5	22,5	20	13	10
A119 6-1/8	6	G1/8	13	6	20	21,5	13	10
A119 6-1/4	6	G1/4	16	6,5	22,5	21,5	13	10
A119 8-1/8	8	G1/8	13	6	20	23,5	13	10
A119 8-1/4	8	G1/4	16	6,5	22,5	23,5	13	10
A119 8-3/8	8	G3/8	20	9	22,5	23,5	13	10
A119 10-1/4	10	G1/4	16	6,5	23	26,5	16	10
A119 10-3/8	10	G3/8	20	9	28	26,5	16	10
A119 12-1/4	12	G1/4	16	8	30,5	29	16	10
A119 12-3/8	12	G3/8	20	9	28,5	29	20	10
A119 14-1/2	14	G1/2	25	11	33,5	32	20	10

A124

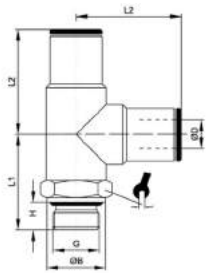
ROTARY TEE ADAPTOR FEMALE PARALLEL / **T FEMELLE CYLINDRIQUE** / *T FEMMINA GIREVOLE CILINDRICA*



CODE	ØD	G	H	L1	L2		min.pcs.
A124 4-1/8	4	G1/8	8	18	20	13	10
A124 4-1/4	4	G1/4	11	22	20	16	10
A124 6-1/8	6	G1/8	8	18	21,5	13	10
A124 6-1/4	6	G1/4	11	22	21,5	16	10
A124 8-1/8	8	G1/8	8	18	23,5	13	10
A124 8-1/4	8	G1/4	11	22	23,5	16	10
A124 10-1/4	10	G1/4	11	24	26,5	16	10

A120

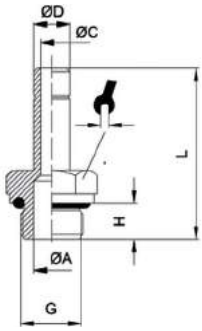
LATERAL MALE TEE SWIVEL PARALLEL / **T MALE CYLINDRIQUE LATERAL** / *T MASCHIO LATERALE GIREVOLE CILINDRICO*



CODE	ØD	G	ØB	H	L1	L2		min.pcs.
A120 4-M5	4	M5	8	4	16,5	19	9	10
A120 4-1/8	4	G1/8	13	5,5	19,5	20,5	13	10
A120 4-1/4	4	G1/4	16	6,5	22,5	20,5	13	10
A120 6-1/8	6	G1/8	13	6	19,5	21,5	13	10
A120 6-1/4	6	G1/4	16	6,5	22,5	21,5	13	10
A120 8-1/8	8	G1/8	13	6	19,5	23,5	13	10
A120 8-1/4	8	G1/4	16	6,5	22,5	23,5	13	10
A120 8-3/8	8	G3/8	20	9	25,5	23,5	13	10
A120 10-1/4	10	G1/4	16	6,5	23	26,5	16	10
A120 10-3/8	10	G3/8	20	9	28	27	16	10
A120 12-1/4	12	G1/4	16	8	23	29	16	10
A120 12-3/8	12	G3/8	20	9	28	29	16	10
A120 12-1/2	12	G1/2	25	11	30	28,5	20	10
A120 14-3/8	14	G3/8	20	9	28,5	32	20	10
A120 14-1/2	14	G1/2	25	11	33	33	20	10

A107

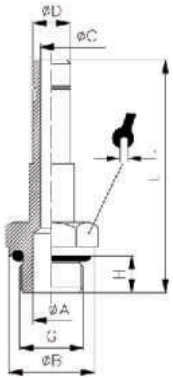
ADAPTOR SHORT PARALLEL / **ADAPTATEUR CYLINDRIQUE** / *ADATTATORE CILINDRICO*



CODE	ØD	G	ØC	ØA	H	L		min.pcs.
A107 4-M5	4	M5	2	2	4	25	8	10
A107 4-1/8	4	G1/8	2	6	5,5	28	13	10
A107 4-1/4	4	G1/4	2	7,5	8	30	13	10
A107 5-M5	5	M5	2,6	2,6	4	25	8	10
A107 5-1/8	5	G1/8	3	6	6	28,5	13	10
A107 5-1/4	5	G1/4	3	7,5	8	31	13	10
A107 6-M5	6	M5	2,6	2,6	4	26	8	10
A107 6-1/8	6	G1/8	4	6	5,5	29	13	10
A107 6-1/4	6	G1/4	4	7,5	6,5	30,5	13	10
A107 8-1/8	8	G1/8	6	6	5,5	30,5	13	10
A107 8-1/4	8	G1/4	6	7,5	6,5	32	13	10
A107 8-3/8	8	G3/8	6	9	9	35,5	13	10
A107 10-1/8	10	G1/8	6	6	6	35,5	13	10
A107 10-1/4	10	G1/4	8	8	8	38	13	10
A107 10-3/8	10	G3/8	8	11	9	41	13	10
A107 12-1/4	12	G1/4	8	8	8	39	13	10
A107 12-3/8	12	G3/8	10	11	9	42	13	10
A107 12-1/2	12	G1/2	10	13	11	44	16	10
A107 14-3/8	14	G3/8	12	12	9	44,5	16	10
A107 14-1/2	14	G1/2	12	13	11	46,5	16	10

A125

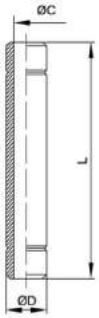
ADAPTOR LONG PARALLEL / **ADAPTATEUR PROLONGE CYLINDRIQUE** / *ADATTATORE CILINDRICO PROLUNGATO*



CODE	ØD	G	ØC	ØB	H	L		min.pcs.
A125 4-M7	4	M7	2,0	-	6	38,0	10	10
A125 4-1/8	4	G1/8	2,0	13,0	6	39,2	13	10
A125 6-M7	6	M7	4,0	-	6	42,0	10	10
A125 6-1/8	6	G1/8	4,0	13,0	6	43,5	13	10
A125 6-1/4	6	G1/4	4,0	16,0	8	46,0	13	10
A125 8-1/8	8	G1/8	6,0	13,0	6	46,7	13	10
A125 8-1/4	8	G1/4	6,0	16,0	8	49,7	13	10
A125 10-1/4	10	G1/4	8,0	16,0	8	55,5	13	10

A106

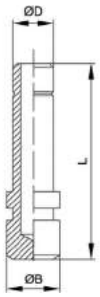
DOUBLE CONNECTOR / **CONNECTEUR DOUBLE** / *CODOLO*



CODE	ØD	ØC	L	min.pcs.
A106 4	4	2	35	10
A106 5	5	3	33	10
A106 6	6	4	36,5	10
A106 8	8	6	40	10
A106 10	10	8	45,5	10
A106 12	12	10	48	10
A106 14	14	12	53	10

A126

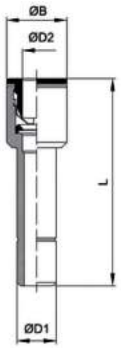
PLUG / **BOUCHON** / *TAPPO*



CODE	ØD	ØB	L	min.pcs.
A126 4	4	5	25,5	10
A126 5	5	6	26,5	10
A126 6	6	7	27,5	10
A126 8	8	9	30	10
A126 10	10	11	35	10
A126 12	12	13	37	10
A126 14	14	15	39,5	10

A108

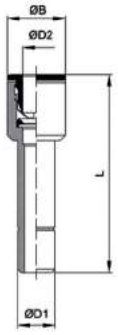
REDUCER / **REDUCTION** / *RIDUZIONE*



CODE	ØD1	ØD2	ØB	L	min.pcs.
A108 5-4	5	4	9	33	10
A108 6-4	6	4	9	30	10
A108 6-5	6	5	9,5	35,5	10
A108 8-4	8	4	9	32	10
A108 8-5	8	5	10	32,5	10
A108 8-6	8	6	11	33	10
A108 10-6	10	6	11	37,5	10
A108 10-8	10	8	13	38,5	10
A108 12-4	12	4	13	40	10
A108 12-6	12	6	13	40	10
A108 12-8	12	8	13	39	10
A108 12-10	12	10	15	41	10
A108 14-4	14	4	9	43,5	10
A108 14-6	14	6	11	43,5	10
A108 14-8	14	8	13	43,5	10
A108 14-10	14	10	15	43,5	10
A108 14-12	14	12	17	44	10

A127

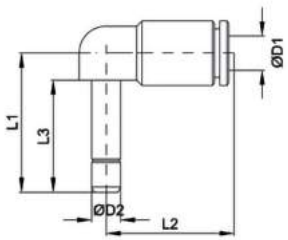
EXTENSION / **AUGMENTATION** / *ESTENSIONE*



CODE	ØD1	ØD2	ØB	L	min.pcs.
A127 4-6	4	6	11	35	10
A127 6-8	6	8	13	38,5	10

A128

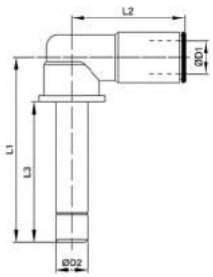
ELBOW CONNECTOR / **COUDE ENCLIQUETABLE** / *GOMITO CODOLO*



CODE	ØD1	ØD2	L1	L2	L3	min.pcs.
A128 4	4	4	20	17,5	16	10
A128 6	6	6	26	19,5	18	10
A128 8	8	8	31	23	19,5	10
A128 10	10	10	35,5	24	24	10
A128 12	12	12	41	27	25	10
Reduced / **Réduit** / *Riduzione*						
A128 6-4	4	6	29	20	18	10
A128 8-6	6	8	30,5	21,5	19,5	10

A134

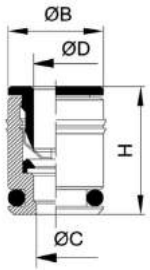
ELBOW CONNECTOR LONG / **COUDE ENCLIQUETABLE** / *GOMITO CODOLO LUNGO*



CODE	ØD1	ØD2	L1	L2	L3	min.pcs.
A134 4	4	4	31,5	19,0	23,0	10
A134 6	6	6	43,0	21,0	32,0	10
Reduced / **Réduit** / *Riduzione*						
A134 6-4	4	6	43	20	32	10
A134 8-6	6	8	45	21	34	10

A135

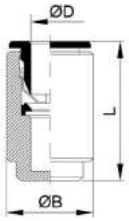
CARTRIDGE / **CARTOUCHE** / *CARTUCCIA*



CODE	ØD	ØC	ØB	H	min.pcs.
A135 4	4	2,9	9,2	16,5	10
A135 6	6	5	11,2	17,5	10
A135 8	8	7	13,2	19,5	10
A135 10	10	8	15,2	21	10

A194

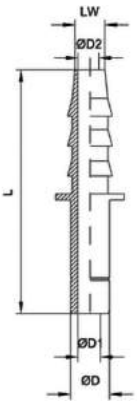
FEMALE PLUG / **BOUCHON FEMELLE** / *TAPPO FEMMINA*



CODE	ØD	ØB	L	min.pcs.
A194 4	4	9	16	10
A194 6	6	11	17,5	10
A194 8	8	13	20,5	10
A194 10	10	15	19,5	10
A194 12	12	17	22,2	10

A136

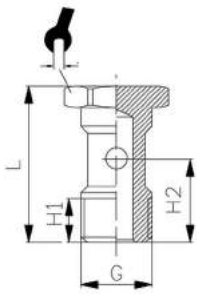
TUBE CONNECTOR / **TUBE CONNECTEUR** / *CODOLO PORTAGOMMA*



CODE	ØD	ØD1	ØD2	LW	L	min.pcs.
A136 6-LW6	6	4	4	6	36,5	10
A136 8-LW6	8	6	5	6	38	10
A136 8-LW8	8	6	6	8	43	10
A136 12-LW13	12	10	10	13	57	10
A136 14-LW14	14	12	11	13	60	10

A140

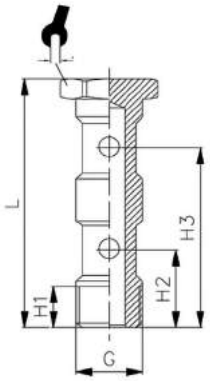
SINGLE SCREW / **VIS SIMPLE** / *VITE CAVA SINGOLA*



CODE	G	H1	H2	L		min.pcs.
A140 M5	M5	6	9,6	17,5	8	10
A140 M6	M6	7,5	10,5	19	8	10
A140 1/8	G1/8	6,5	15	28	14	10
A140 1/4	G1/4	12	18	33	17	10
A140 3/8	G3/8	13,5	21	36	19	10
A140 1/2	G1/2	15	23,5	42	24	10

A141

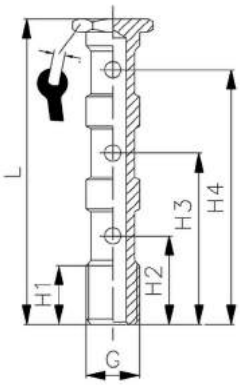
DOUBLE SCREW / **VIS DOUBLE** / *VITE CAVA DOPPIA*



CODE	G	H1	H2	H3	L		min.pcs.
A141 1/8	G1/8	9	15	31	44,5	14	10
A141 1/4	G1/4	11	17	36	51,5	17	10
A141 3/8	G3/8	14	20,5	43	58,1	19	10
A141 1/2	G1/2	15,5	23,5	49,5	68	24	10

A142

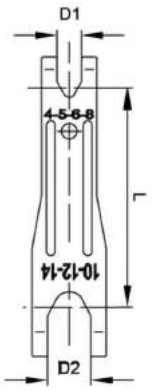
TRIPLE SCREW / **VIS TRIPLE** / *VITE CAVA TRIPLA*



CODE	G	H1	H2	H3	H4	L		min.pcs.
A142 1/8	G1/8	9	16	32	48	60	14	10
A142 1/4	G1/4	12	18,5	37	55,5	70,5	17	10
A142 3/8	G3/8	13	20,5	44	65	80	19	10
A142 1/2	G1/2	16	25	51	70,5	94	24	10

A145

RELEASE KEY / **CLÉ DE DÉBLOCAGE** / *CHIAVE DI SGANCIO*



CODE	ØD1	ØD2	L
A145	8	14	93

Push-in fittings are so defined as they allow to connect the tube to the fitting in a "instantaneous" way without using tools.
The tightness of the tube takes place through an elastic clamp which holds the tube on the external diameter and releases it by pushing the suitable puller.
This type of fittings is used in order to speed up the assembly phases mainly in reduced space and time-saving during connection of different pneumatic components.

Le raccord rapide est appelé ainsi car il permet de raccorder instantanément le tuyau à la connexion c'est à dire sans l'aide d'outils.
L'étanchéité du tube a lieu au moyen d'une bague élastique qui maintient le tuyau flexible sur le diamètre extérieur et en actionnant cette bague le tuyau se déconnecte . Ce système est utilisé pour simplifier les étapes de montage. Idéal pour les espaces réduits ce raccord permet de gagner du temps dans la connexion des composants pneumatiques.

I raccordi rapidi sono così denominati perché permettono di accoppiare il tubo al raccordo in modo istantaneo senza l'ausilio di utensili.
La tenuta del tubo avviene per mezzo di una pinza elastica che trattiene il tubo sul diametro esterno e lo rilascia spingendo l'apposito estrattore.
Questa tipologia di raccordi viene utilizzata per snellire le fasi di montaggio spesso in spazi ridotti e risparmiare tempo nei collegamenti dei vari componenti pneumatici

ORDERING CODE / **CODIFICATION** / *CHIAVE DI CODIFICA*

A 1 0 0 X 6 1/8

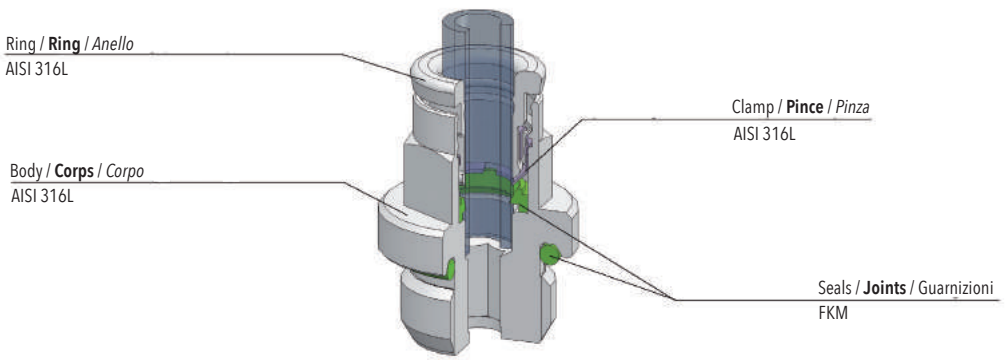
THREAD SIZE
TAILLE DE FILETAGE
MISURA DEL FILETTO
M5
M6
M7
1/8
1/4
3/8
1/2

TUBE DIAMETER
DIAMÈTRE TUBE
DIAMETRO TUBO
4=4mm
5=5mm
6=6mm
8=8mm
10=10mm
12=12mm

TECHNICAL DATA / **DONNÉES TECHNIQUES** / *DATI TECNICI*

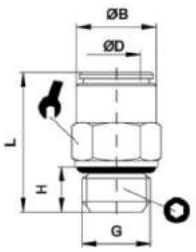
Fluid / **Fluide** / Fluido	Air / **Air** / Aria
Operating temperature range / **Température d'utilisation** / *Temperatura di esercizio*	-20°C / +70°C
Max operating pressure / **Pression Max** / *Pressione Max di esercizio*	16 bar
Vacuum / **Vide** / *Vuoto*	Max 98%
Body material / **Matière corps** / *Materiale corpo*	AISI 316L
Gripper clamp / **Pince d'accrochage** / *Pinza di aggancio*	AISI 316L
Ring / **Ring** / *Anello*	AISI 316L
Seals / **Joints** / Guarnizioni	FKM
Threads / **Filetage** / *Filettature*	Parallel DIN EN ISO 228 / **Cylindrique DIN EN ISO 228** / *Cilindrico DIN EN ISO 228* Taper DIN EN 10226 (DIN 2999) / **Conique DIN EN 10226 (DIN 2999)** / *Conico DIN EN 10226 (DIN 2999)* Metric DIN ISO 261 / **Métrique DIN ISO 261** / *Metrico DIN ISO 261*
Recommended tubes / **Tubes recommandés** / *Tubi raccomandati*	Polyamide (PA) / **polyamide (PA)** / *Poliammide (PA)* Polyurethane (PU) / **polyuréthane (PU)** / *Poliuretano (PU)* Polyethylene (PE) / **polyéthylène (PE)** / *Polietilene (PE)*
Tube tolerances / **Tolérance du tube** / *Tolleranza Tubi*	PE, PU Tube +/- 0.1 mm / **Tube PE, PU +/- 0,1 mm** / *Tubo PE, PU +/- 0.1 mm*

COMPONENTS / **COMPOSANTS** / *COMPONENTI*



A101X

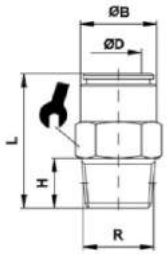
STRAIGHT MALE ADAPTOR PARALLEL / **DROIT MÂLE CYLINDRIQUE** / *DIRITTO MASCHIO CILINDRICO*



CODE	ØD	G	ØB	H	L	O	🔧	min.pcs.
A101X 4-M5	4	M5	9	4	20,5	-	9	10
A101X 4-1/8	4	G1/8	9	5,5	19	3	13	10
A101X 6-M5	6	M5	11	4	22,5	2,5	-	10
A101X 6-1/8	6	G1/8	11	5,5	23,5	4	13	10
A101X 6-1/4	6	G1/4	11	6,5	20	4	16	10
A101X 8-1/8	8	G1/8	13	5,5	26	5	13	10
A101X 8-1/4	8	G1/4	13	6,5	23	6	16	10
A101X 10-1/4	10	G1/4	15	6,5	27,5	7	16	10
A101X 10-3/8	10	G3/8	15	9	25,5	8	20	10
A101X 10-1/2	10	G1/2	15	9	29	8	23	10
A101X 12-1/4	12	G1/4	17	6,5	30	7	18	10
A101X 12-3/8	12	G3/8	17	9	31	10	20	10
A101X 12-1/2	12	G1/2	17	9	29	10	23	10

A190X

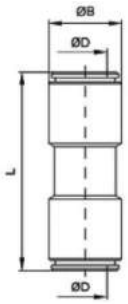
STRAIGHT MALE ADAPTOR TAPER / **DROIT MÂLE CONIQUE** / *DIRITTO MASCHIO CONICO*



CODE	ØD	R	ØB	H	L	O	🔧	min.pcs.
A190X 4-1/8	4	R1/8	9	6,5	19	3	10	10
A190X 4-1/4	4	R1/4	9	11	22,5	3	14	10
A190X 6-1/8	6	R1/8	11	7,5	21,5	5	12	10
A190X 6-1/4	6	R1/4	11	11	21,5	5	14	10
A190X 8-1/8	8	R1/8	13	7,5	26,5	6	14	10
A190X 8-1/4	8	R1/4	13	11	23,5	6	14	10
A190X 10-1/4	10	R1/4	15	11	30,5	8	16	10
A190X 10-3/8	10	R3/8	15	11,5	26,5	8	17	10
A190X 10-3/8	12	R3/8	17	11,5	27,5	10	17	10
A190X 12-1/2	12	R1/2	17	14	27,5	10	22	10

A103X

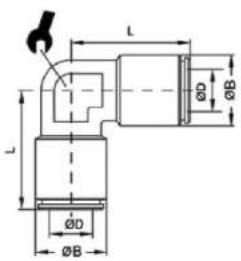
STRAIGHT CONNECTOR / **DROIT DOUBLE** / *DIRITTO INTERMEDIO*



CODE	ØD	ØB	L	min.pcs.
A103X 4	4	9	32	10
A103X 6	6	11	35	10
A103X 8	8	13	39	10
A103X 10	10	15	39	10
A103X 12	12	17	41	10

A104X

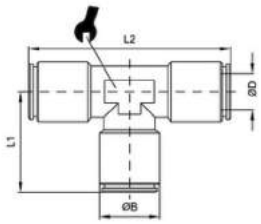
ELBOW CONNECTOR / **ÉQUERRE** / *GOMITO INTERMEDIO*



CODE	ØD	ØB	L	🔧	min.pcs.
A104X 4	4	9	17,5	9	10
A104X 6	6	11	20,5	11	10
A104X 8	8	13	22,5	11	10
A104X 10	10	15	25	15	10
A104X 12	12	17	27	15	10

A105X

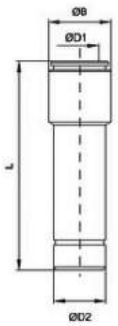
TEE CONNECTOR / **T** / *INTERMEDIO A T*



CODE	ØD	ØB	L1	L2		min.pcs.
A105X 4	4	9	18	36	9	10
A105X 6	6	11	20,5	41	11	10
A105X 8	8	13	22,5	45	11	10
A105X 10	10	15	25	50	15	10
A105X 12	12	17	26,5	53	15	10

A127X

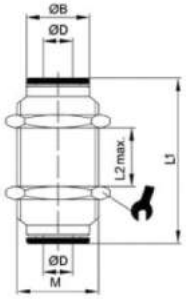
REDUCER / **REDUCTION** / *RIDUZIONE*



CODE	ØD1	ØD2	ØB	L	min.pcs.
A127X 4	4	6	9	30,5	10
A127X 6	6	8	11	33	10
A127X 8	8	10	13	38,5	10

A111X

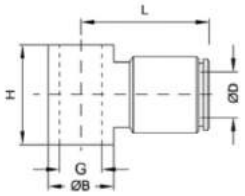
BULKHEAD UNION / **TRAVERSÉE DE CLOISON** / *PASSAPARETE*



CODE	ØD	ØB	M	L1	L2		min.pcs.
A111X 4	4	9	M12x1	32	11	15	10
A111X 6	6	11	M14x1	34	16	17	10
A111X 8	8	13	M16x1	37	17	19	10
A111X 10	10	15	M18x1	39,5	21	21	10
A111X 12	12	17	M20x1	41	20	24	10

A199X

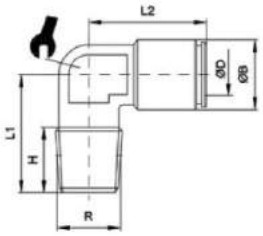
SINGLE BANJO BODY / **BANJO SIMPLE** / *ANELLO SEMPLICE*



CODE	ØD	G	ØB	H	L	min.pcs.
A199X 4-1/8	4	G1/8	14	15	20,5	10
A199X 6-1/8	6	G1/8	14	15	22,5	10
A199X 6-1/4	6	G1/4	18	17	24	10
A199X 8-1/8	8	G1/8	14	15	23	10
A199X 8-1/4	8	G1/4	18	17	25,5	10

A118X

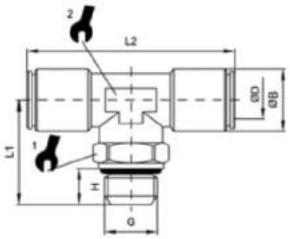
THREADED ELBOW ADAPTOR TAPER / **COUDE MALE CONIQUE FIXE** / *GOMITO MASCHIO CONICO FISSO*



CODE	ØD	R	ØB	H	L1	L2		min.pcs.
A118X 4-1/8	4	R1/8	9	7,5	14	18,5	9	10
A118X 6-1/8	6	R1/8	11	8	17	20,5	11	10
A118X 6-1/4	6	R1/4	11	11,5	20	20,5	11	10
A118X 8-1/8	8	R1/8	13	8	17	22,5	11	10
A118X 8-1/4	8	R1/4	13	11	20	22,5	11	10

A119X

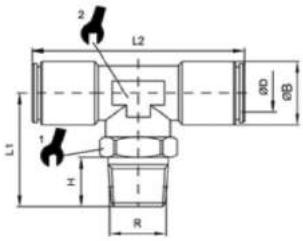
ROTARY TEE ADAPTOR PARALLEL / **T MALE CYLINDRIQUE** / *T MASCHIO GIREVOLE CILINDRICO*



CODE	ØD	G	ØB	H	L1	L2	1	2	min.pcs.
A119X 4-M5	4	M5	9	4	20,5	36	9	9	10
A119X 4-1/8	4	G1/8	9	5,5	25,5	36	13	11	10
A119X 6-1/8	6	G1/8	11	5,5	25	43	13	11	10
A119X 6-1/4	6	G1/4	11	6,5	26	43	16	11	10
A119X 8-1/8	8	G1/8	13	5,5	25	47	13	11	10
A119X 8-1/4	8	G1/4	13	6,5	26	47	16	11	10
A119X 10-1/4	10	G1/4	15	6,5	23,5	51	16	15	10
A119X 10-3/8	10	G3/8	15	9	27	51	20	15	10

A120X

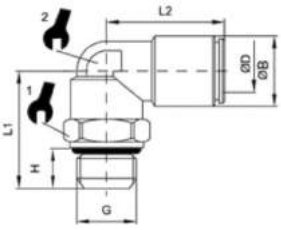
ROTARY TEE ADAPTOR TAPER / **T MALE CONIQUE** / *T MASCHIO GIREVOLE CONICO*



CODE	ØD	R	ØB	H	L1	L2	1	2	min.pcs.
A120X 4-1/8	4	R1/8	9	7,5	21,5	35	10	-	10
A120X 6-1/8	6	R1/8	11	7	25,5	43	13	11	10
A120X 6-1/4	6	R1/4	11	11	30,5	43	14	11	10
A120X 8-1/8	8	R1/8	13	7	26	47	13	11	10
A120X 8-1/4	8	R1/4	13	11	30,5	47	14	11	10
A120X 10-1/4	10	R1/4	15	11	32	51	16	15	10
A120X 10-3/8	10	R3/8	15	11	30,5	51	17	15	10

A121X

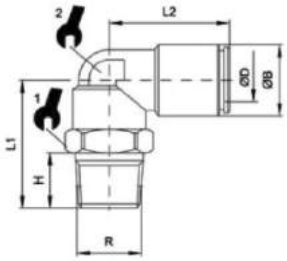
ROTARY ELBOW MALE ADAPTOR / **ÉQUERRE MALE CYLINDRIQUE** / *GOMITO MASCHIO GIREVOLE CILINDRICO*



CODE	ØD	G	ØB	H	L1	L2	1	2	min.pcs.
A121X 4-M5	4	M5	9	4	15	18	9	9	10
A121X 4-G1/8	4	G1/8	9	5,5	19,5	20	13	10	10
A121X 4-G1/4	4	G1/4	9	6,5	20,5	20	16	10	10
A121X 6-M5	6	M5	11	4	14,5	20,5	9	9	10
A121X 6-G1/8	6	G1/8	11	5,5	19,5	21,5	13	10	10
A121X 6-G1/4	6	G1/4	11	6,5	20,5	21,5	16	10	10
A121X 8-G1/8	8	G1/8	13	5,5	19,5	23,5	13	10	10
A121X 8-G1/4	8	G1/4	13	6,5	20,5	23,5	16	10	10
A121X 10-G1/4	10	G1/4	15	6,5	23	26,5	16	15	10
A121X 10-G3/8	10	G3/8	15	9	26,5	26,5	20	15	10
A121X 12-G3/8	12	G3/8	17	9	28,5	28,5	20	17	10
A121X 12-G1/2	12	G1/2	18,5	8,5	33,5	28	20	-	10

A191X

CONICAL SWIVEL MALE ELBOW / **ÉQUERRE MALE CONIQUE** / *GOMITO MASCHIO GIREVOLE CONICO*



CODE	ØD	R	ØB	H	L1	L2	1	2	min.pcs.
A191X 4-1/8	4	R1/8	9	7	20	20	13	10	10
A191X 4-1/4	4	R1/4	9	11	25	20	10	14	10
A191X 6-1/8	6	R1/8	11	7	20	21,5	13	10	10
A191X 6-1/4	6	R1/4	11	11	25	21,5	14	10	10
A191X 8-1/8	8	R1/8	13	7	20	23,5	13	10	10
A191X 8-1/4	8	R1/4	13	11	25	23,5	14	10	10
A191X 10-1/4	10	R1/4	15	11	26	26,6	16	15	10
A191X 10-3/8	10	R3/8	15	11	30	26,5	15	17	10
A191X 12-1/4	12	R1/4	17	11	32,5	28,5	17	20	10
A191X 12-3/8	12	R3/8	17	11	32,5	28,5	17	20	10
A191X 12-1/2	12	R1/2	17	14	35,5	28,5	17	22	10

A140X

SINGLE BANJO BOLT, COMPLETE WITH 2 TEFLON SEALS / **SIMPLE VIS AVEC 2 JOINTS TEFLON** /
VITE CAVA SINGOLA, COMPLETA DI 2 GUARNIZIONI IN TEFLON

CODE	G	H1	H2	L		min.pcs.
A140X 1/8	G1/8	9	15,5	29	14	10
A140X 1/4	G1/4	9,5	17,5	32,5	17	10

The flow regulator has the function to regulate the speed of the pneumatic cylinders and they can be:
uni-directiona: the regulation is in one way
bi-directional: the regulation is in two ways.
There are models suitable for mounting on cylinders or on valves, and the adjustment can be done manually or with a screwdriver.

Le régulateur de débit a la fonction de régulation de la vitesse pour les vérins pneumatiques et il peut être :
Unidirectionnel : la régulation est dans un seul sens
Bidirectionnel : la régulation va dans les deux sens
Il peut s'adapter sur les vérins ainsi que sur les valves et peut être soit réglé manuellement ou soit avec une clé.

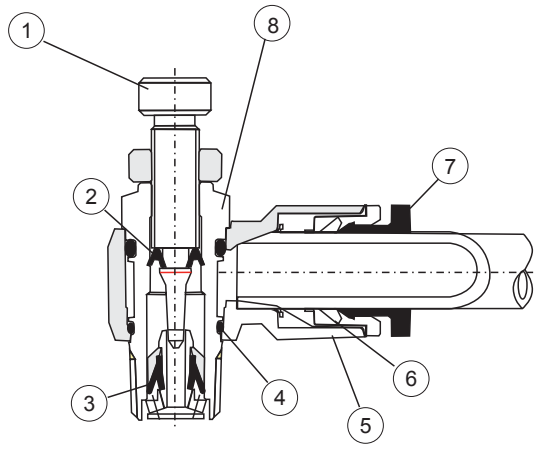
Il regolatore di flusso ha la funzione di regolare la velocità di spostamento dei cilindri pneumatici e possono essere di due tipi:
Unidirezionali: significa che la regolazione del flusso dell'aria avviene solo in un senso.
Bidirezionale: la regolazione avviene nei due sensi.
Vi sono modelli adatti al montaggio su cilindri o sulle valvole, e la regolazione può essere fatta manualmente o con cacciavite.

TECHNICAL DATA / **DONNÉES TECHNIQUES** / *DATI TECNICI*

Type / **Type** / *Tipo*	**SERIE NSC**	**SERIE A**
Fluid / **Fluide** / *Fluido*	Air / **Air** / *Aria*	Air / **Air** / *Aria*
Temperature range / **Température d'utilisation** / *Temperatura di esercizio*	0°C +60°C	-10°C +70°C
Pressure / **Pression** / *Pressione*	max. 10 bar	
Recommended tubes / **Tubes recommandés** / *Tubi raccomandati*	Polyamide (PA) / **Polyurethane (PU)** / Polyethilene (PE)	

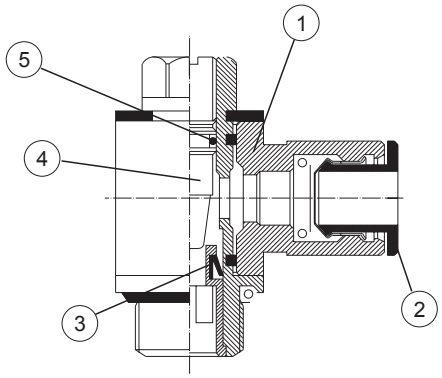
COMPONENTS / **COMPOSANTS** / *COMPONENTI*

SERIE NSC



1	needle / **molette** / *ghiera*	brass / **laiton** / *ottone*
2	seal / **joints** / *guarnizione*	NBR
3	seal / **joints** / *guarnizione*	NBR
4	o-ring / **torique**	NBR
5	body / **corps** / *corpo*	PBT
6	lock claw / **pinces** / *pinza*	SUS 304
7	ring / **torique** / *anello*	POM
8	body / **corps** / *corpo*	brass / **laiton** / *ottone*

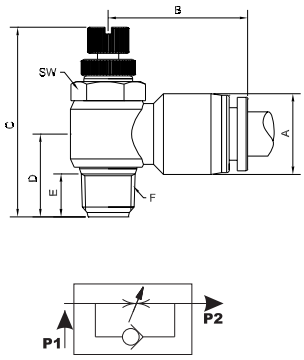
SERIE A



1	body / **corps** / *corpo*	brass / **laiton** / *ottone*
2	ring / **torique** / *anello*	brass / **laiton** / *ottone*
3	seal / **joints** / *guarnizione*	NBR
4	screw / **vis** / *vite*	brass / **laiton** / *ottone*
5	o-ring / **torique**	NBR

NSC-C

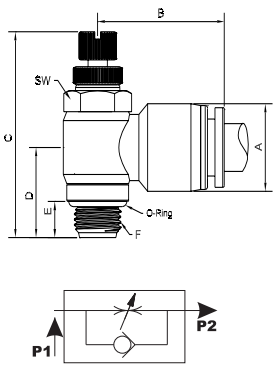
FLOW REGULATOR FOR CYLINDERS TAPER / **REGULATEUR DE DEBIT CONIQUE POUR VERIN**
REGOLATORE DI FLUSSO CONICO PER CILINDRI



CODE	tube Ø	A	B	C max	C min	E	F	SW	min.pcs.
NSC-C 0401N	4	11	23	43	38.9	7.8	R1/8	12	10
NSC-C 0402N	4	11	24.6	46	39.9	10.5	R1/4	12	10
NSC-C 0601N	6	13	24.5	43	38.9	7.8	R1/8	12	10
NSC-C 0602N	6	13	26.2	46	39.9	10.8	R1/4	12	10
NSC-C 0603N	6	13	28.6	52	44.5	11.7	R3/8	19	10
NSC-C 0801N	8	14.6	25.8	43	38.9	7.8	R1/8	12	10
NSC-C 0802N	8	14.6	27.5	46	39.9	10.8	R1/4	12	10
NSC-C 0803N	8	14.6	30.2	52	44.5	11.7	R3/8	19	10
NSC-C 0804N	8	21	36.5	59.9	50.5	15.7	R1/2	24	10
NSC-C 1002N	10	17.6	29.2	6	38.9	10.8	R1/4	12	10
NSC-C 1003N	10	17.6	30.7	52	44.5	11.7	R3/8	19	10
NSC-C 1004N	10	21	36.5	59.9	50.5	15.7	R1/2	24	10
NSC-C 1202N	12	21	33.6	46	39.9	10.8	R1/4	12	10
NSC-C 1203N	12	21	34.5	52	44.5	11.7	R3/8	19	10
NSC-C 1204N	12	21	36.5	59.9	50.9	15.7	R1/2	24	10

NSC-GC

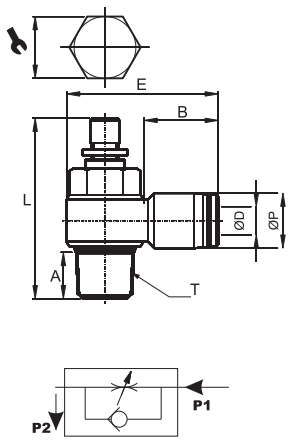
FLOW REGULATOR FOR CYLINDERS PARALLEL / **REGULATEUR DE DEBIT CYLINDRIQUE POUR VERIN**
REGOLATORE DI FLUSSO CILINDRICO PER CILINDRI



CODE	tube Ø	A	B	C max	C min	E	F	SW	min.pcs.
NSC-GC 04M5N	4	11	27.1	30.5	27.6	3.5	M5	8	10
NSC-GC 0401N	4	11	23	41.2	37.1	6	G1/8	12	10
NSC-GC 0402N	4	11	24.6	42.4	36.3	7.2	G1/4	12	10
NSC-GC 06M5N	6	13	24.5	30.5	27.6	3.5	M5	8	10
NSC-GC 0601N	6	13	24.5	41.2	37.1	6	G1/8	12	10
NSC-GC 0602N	6	13	26.2	42.4	36.3	7.2	G1/4	12	10
NSC-GC 0603N	6	13	28.6	48.7	41.2	8.4	G3/8	19	10
NSC-GC 0801N	8	14.6	25.8	41.2	37.1	6	G1/8	12	10
NSC-GC 0802N	8	14.6	27.5	42.4	36.3	7.2	G1/4	12	10
NSC-GC 0803N	8	14.6	30.2	48.7	41.2	8.4	G3/8	19	10
NSC-GC 0804N	8	21	36.5	55.9	46.5	11.7	G1/2	24	10
NSC-GC 1002N	10	17.6	29.2	42.4	36.3	7.2	G1/4	12	10
NSC-GC 1003N	10	17.6	30.7	48.7	41.2	8.4	G3/8	19	10
NSC-GC 1004N	10	21	36.5	55.9	46.5	11.7	G1/2	24	10
NSC-GC 1202N	12	21	33.6	42.4	36.3	7.2	G1/4	12	10
NSC-GC 1203N	12	21	34.5	48.7	41.2	8.4	G3/8	19	10
NSC-GC 1204N	12	21	36.5	55.9	46.5	11.7	G1/2	24	10

NSC-V

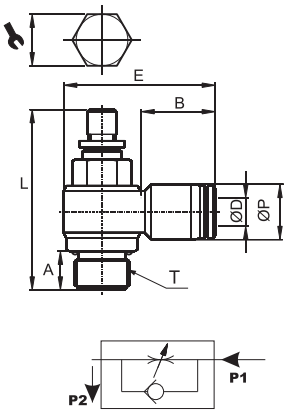
FLOW REGULATOR FOR VALVES TAPER / **REGULATEUR DE DEBIT CONIQUE POUR VALVE**
REGOLATORE DI FLUSSO CONICO PER VALVOLE



CODE	ØD	T	ØP	L(max)	E	A	B		min.pcs.
NSC-V 0401R	4	R1/8	10,5	40,1	30,5	8	16,3	11	10
NSC-V 0402R	4	R1/4	10,5	45,7	34,5	10	16,3	15	10
NSC-V 0601R	6	R1/8	12,5	40,1	31,2	8	17,6	11	10
NSC-V 0602R	6	R1/4	12,5	45,7	35,0	10	17,6	15	10
NSC-V 0603R	6	R3/8	12,5	55,0	38,7	11	17,6	19	10
NSC-V 0801R	8	R1/8	14,5	40,1	33,0	8	18,7	11	10
NSC-V 0802R	8	R1/4	14,5	45,7	36,8	10	18,7	15	10
NSC-V 0803R	8	R3/8	14,5	55,0	40,1	11	18,7	19	10
NSC-V 0804R	8	R1/2	14,5	60,2	45,8	14	18,7	24	10
NSC-V 1002R	10	R1/4	17,5	45,7	38,8	10	19,6	15	10
NSC-V 1003R	10	R3/8	17,5	55,0	42,2	11	19,6	19	10
NSC-V 1004R	10	R1/2	17,5	60,2	47,5	14	19,6	24	10
NSC-V 1202R	12	R1/4	20,5	45,7	40,8	10	21,9	15	10
NSC-V 1203R	12	R3/8	20,5	55,0	45,9	11	21,9	19	10
NSC-V 1204R	12	R1/2	20,5	60,2	50,1	14	21,9	24	10

NSC-GV

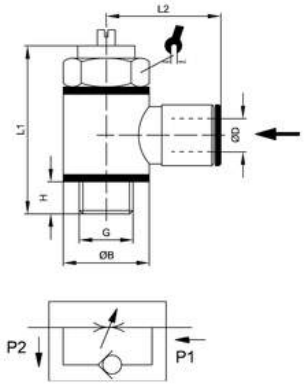
FLOW REGULATOR FOR VALVES PARALLEL / **REGULATEUR DE DEBIT CYLINDRIQUE POUR VALVE**
REGOLATORE DI FLUSSO CILINDRICO PER VALVOLE



CODE	ØD	T	ØP	L(MAX)	E	A	B		min.pcs.
NSC-GV 04M5R	4	M5	10,5	30,2	25,1	3,6	16,3	8	10
NSC-GV 0401R	4	G1/8	10,5	40,1	30,5	6,0	16,3	8	10
NSC-GV 0402R	4	G1/4	10,5	45,7	34,5	8,0	16,3	12	10
NSC-GV 06M5R	6	M5	12,2	30,2	27,8	3,6	17,6	8	10
NSC-GV 0601R	6	G1/8	12,5	40,1	31,2	6,0	17,6	8	10
NSC-GV 0602R	6	G1/4	12,5	45,7	35,0	8,0	17,6	12	10
NSC-GV 0603R	6	G3/8	12,5	55,0	38,7	8,0	17,6	14	10
NSC-GV 0801R	8	G1/8	14,5	40,1	33,0	6,0	18,7	8	10
NSC-GV 0802R	8	G1/4	14,5	45,7	36,8	8,0	18,7	12	10
NSC-GV 0803R	8	G3/8	14,5	55,0	40,1	8,0	18,7	14	10
NSC-GV 0804R	8	G1/2	14,5	60,2	45,8	9,0	18,7	19	10
NSC-GV 1002R	10	G1/4	17,5	45,7	38,8	8,0	19,6	12	10
NSC-GV 1003R	10	G3/8	17,5	55,0	42,2	8,0	19,6	14	10
NSC-GV 1004R	10	G1/2	17,5	60,2	47,5	9,0	19,6	19	10
NSC-GV 1202R	12	G1/4	20,5	45,7	40,8	8,0	21,6	12	10
NSC-GV 1203R	12	G3/8	20,5	55,0	45,9	8,0	21,6	14	10
NSC-GV 1204R	12	G1/2	20,5	60,2	50,1	9,0	21,6	19	10

A131

FLOW REGULATOR FOR VALVES PARALLEL / **REGULATEUR DE DEBIT CYLINDRIQUE POUR VALVE**
REGOLATORE DI FLUSSO CILINDRICO PER VALVOLE

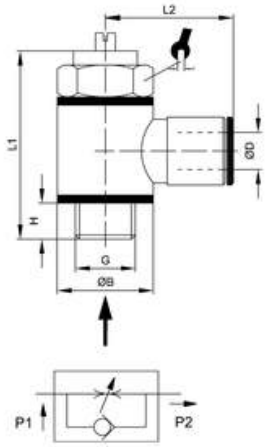


CODE	ØD	G	H	ØB	L1	L2	Nl/min*		min.pcs.
A131 4-M5	4	M5	4	SW9	25	18	45	8	10
A131 4-1/8	4	G1/8	5	14	32	20,5	310	14	10
A131 5-1/8	5	G1/8	5	14	32	22,5	310	14	10
A131 6-M5	6	M5	4	SW9	25	19,5	45	8	10
A131 6-1/8	6	G1/8	5	14	32	23	390	14	10
A131 6-1/4	6	G1/4	6	18	37	24	710	17	10
A131 8-1/8	8	G1/8	5	14	32	24,5	390	14	10
A131 8-1/4	8	G1/4	6	18	37	26	810	17	10
A131 8-3/8	8	G3/8	6,5	21	46,5	27	1050	20	10
A131 10-1/4	10	G1/4	6	18	37	27	810	17	10
A131 10-3/8	10	G3/8	6,5	21	46,5	28	1050	20	10
A131 12-1/4	12	G1/4	6	18	37	28	810	17	10
A131 12-3/8	12	G3/8	6,5	21	46,5	29	1050	20	10

*nominal flow rate at 6 Bar - ***Débit nominal à 6 Bar** - **portata nominale a 6 Bar*

A132

FLOW REGULATOR FOR CYLINDER PARALLEL / **REGULATEUR DE DEBIT CYLINDRIQUE POUR VERIN**
REGOLATORE DI FLUSSO CILINDRICO PER CILINDRI

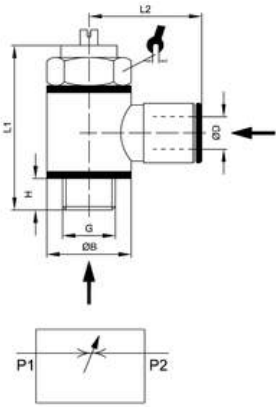


CODE	ØD	G	H	ØB	L1	L2	Nl/min*		min.pcs.
A132 4-M5	4	M5	4	SW9	25	18	45	8	10
A132 4-1/8	4	G1/8	5	14	32	20,5	310	14	10
A132 5-1/8	5	G1/8	5	14	32	22,5	310	14	10
A132 6-M5	6	M5	4	SW9	25	19,5	45	8	10
A132 6-1/8	6	G1/8	5	14	32	23	390	14	10
A132 6-1/4	6	G1/4	6	18	37	24	710	17	10
A132 8-1/8	8	G1/8	5	14	32	24,5	390	14	10
A132 8-1/4	8	G1/4	6	18	37	26	710	17	10
A132 8-3/8	8	G3/8	6,5	21	46,5	27	1050	20	10
A132 10-1/4	10	G1/4	6	18	37	27	810	17	10
A132 10-3/8	10	G3/8	6,5	21	46,5	28	1050	20	10
A132 12-1/4	12	G1/4	6	18	37	28	810	17	10
A132 12-3/8	12	G3/8	6,5	21	46,5	29	1050	20	10

*nominal flow rate at 6 Bar - ***Débit nominal à 6 Bar** - **portata nominale a 6 Bar*

A133

BIDIRECTIONAL PARALLEL FLOW REGULATOR / **REGULATEUR DE DEBIT CYLINDRIQUE BIDIRECTIONNEL**
REGOLATORE DI FLUSSO CILINDRICO BIDIREZIONALE

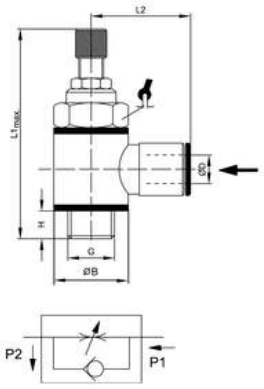


CODE	ØD	G	H	ØB	L1	L2	Nl/min*		min.pcs.
A133 4-M5	4	M5	4	SW9	25	18	45	8	10
A133 4-1/8	4	G1/8	5	14	32	20,5	310	14	10
A133 5-1/8	5	G1/8	5	14	32	22,5	310	14	10
A133 6-M5	6	M5	4	SW9	25	19,5	45	8	10
A133 6-1/8	6	G1/8	5	14	32	23	390	14	10
A133 6-1/4	6	G1/4	6	18	37	24	710	17	10
A133 8-1/8	8	G1/8	5	14	32	24,5	390	14	10
A133 8-1/4	8	G1/4	6	18	37	26	810	17	10
A133 8-3/8	8	G3/8	6,5	21	46,5	27	1050	20	10
A133 10-1/4	10	G1/4	6	18	37	27	810	17	10

*nominal flow rate at 6 Bar - ***Débit nominal à 6 Bar** - **portata nominale a 6 Bar*

A129

MANUAL FLOW REGULATOR PARALLEL FOR VALVES / **REGULATEUR DE DEBIT CYLINDRIQUE POUR VALVE REGLAGE MANUEL**
REGOLATORE DI FLUSSO CILINDRICO MANUALE PER VALVOLE

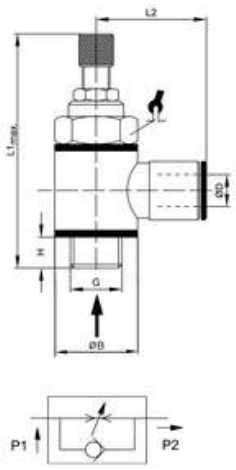


CODE	ØD	G	H	ØB	L1	L2	Nl/min*		min.pcs.
A129 4-1/8	4	G1/8	5	14	49	20,5	310	14	10
A129 6-1/8	6	G1/8	5	14	49	23	390	14	10
A129 8-1/8	8	G1/8	6	18	56,5	24	390	14	10
A129 6-1/4	6	G1/4	5	14	49	24,5	710	17	10
A129 8-1/4	8	G1/4	6	18	56,5	26	810	17	10
A129 10-1/4	10	G1/4	6	18	56,5	27	810	17	10
A129 12-1/4	12	G1/4	6	18	56,5	28	810	17	10

*nominal flow rate at 6 Bar - ***Débit nominal à 6 Bar** - **portata nominale a 6 Bar*

A130

MANUAL FLOW REGULATOR PARALLEL FOR CYLINDER / **REGULATEUR DE DEBIT CYLINDRIQUE POUR VERIN REGLAGE MANUEL**
REGOLATORE DI FLUSSO CILINDRICO MANUALE PER CILINDRI

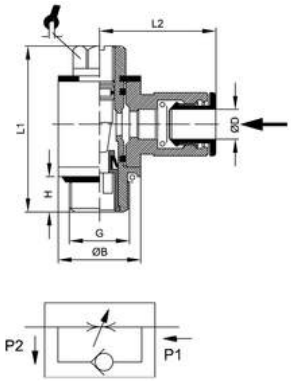


CODE	ØD	G	H	ØB	L1	L2	Nl/min*		min.pcs.
A130 4-1/8	4	G1/8	5	14	49	20,5	340	14	10
A130 6-1/8	6	G1/8	5	14	49	23	340	14	10
A130 6-1/4	6	G1/4	6	18	56,5	24	580	17	10
A130 8-1/8	8	G1/8	5	14	49	24,5	340	14	10
A130 8-1/4	8	G1/4	6	18	56,5	26	580	17	10
A130 8-3/8	8	G3/8	7,5	21	63	27,5	720	20	10
A130 10-1/4	10	G1/4	6	18	56,5	27	580	17	10
A130 10-3/8	10	G3/8	7	21	63	29	720	20	10
A130 12-1/4	12	G1/4	6	18	56,5	28	580	17	10

*nominal flow rate at 6 Bar - ***Débit nominal à 6 Bar** - **portata nominale a 6 Bar*

A138

SWIVEL FLOW REGULATOR PARALLEL FOR VALVES / **REGULATEUR DE DEBIT TOURNANT CYLINDRIQUE POUR VALVE**
REGOLATORE DI FLUSSO CILINDRICO GIREVOLE PER VALVOLE

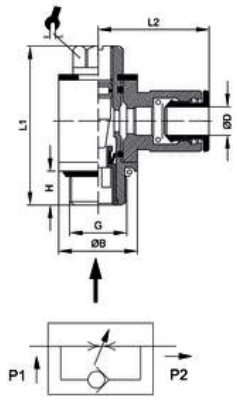


CODE	ØD	G	H	ØB	L1	L2	NL/min*		min.pcs.
A138 4-1/8	4	G1/8	6,5	14	32	20,5	310	9	10
A138 6-1/8	6	G1/8	6,5	14	32	23	390	9	10
A138 6-1/4	6	G1/4	8	18	37	24	710	12	10
A138 8-1/8	8	G1/8	6,5	14	32	24,5	390	9	10
A138 8-1/4	8	G1/4	8	18	37	26	810	12	10
A138 10-1/4	10	G1/4	8	18	37	27	810	12	10
A138 12-1/4	12	G1/4	8	18	37	28	810	12	10

*nominal flow rate at 6 Bar - ***Débit nominal à 6 Bar** - **portata nominale a 6 Bar*

A139

SWIVEL FLOW REGULATRO PARALLEL FOR CYLINDER / **REGULATEUR DE DEBIT TOURNANT CYLINDRIQUE POUR VERIN**
REGOLATORE DI FLUSSO CILINDRICO GIREVOLE PER CILINDRI

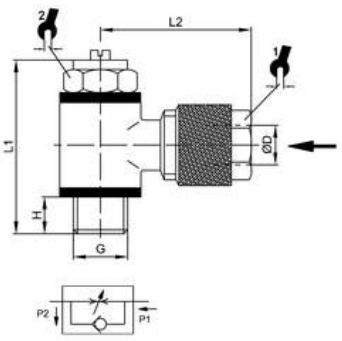


CODE	ØD	G	H	ØB	L1	L2	NL/min*		min.pcs.
A139 4-1/8	4	G1/8	6,5	14	32	20,5	310	9	10
A139 6-1/8	6	G1/8	6,5	14	32	23	390	9	10
A139 6-1/4	6	G1/4	8	18	37	24	710	12	10
A139 8-1/8	8	G1/8	6,5	14	32	24,5	390	9	10
A139 8-1/4	8	G1/4	8	18	37	26	810	12	10
A139 10-1/4	10	G1/4	8	18	37	27	810	12	10
A139 12-1/4	12	G1/4	8	18	37	28	810	12	10

*nominal flow rate at 6 Bar - ***Débit nominal à 6 Bar** - **portata nominale a 6 Bar*

A156

FLOW REGULATOR PARALLEL FOR VALVES PUSH-ON / **REGULATEUR DE DEBIT CYLINDRIQUE POUR VALVE À COIFFE**
REGOLATORE DI FLUSSO CILINDRICO A CALZAMENTO PER VALVOLE

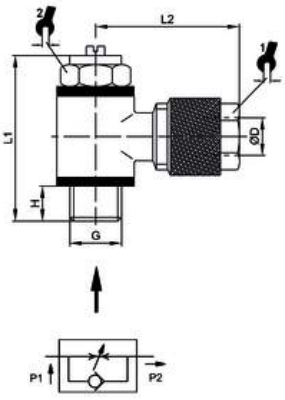


CODE	ØD	G	H	L1	L2	Nl/min*			min.pcs.
A156 5/3-M5	5/3	M5	4	25	16	45	8	8	10
A156 5/3-1/8	5/3	G1/8	5	32	21	310	8	14	10
A156 6/4-M5	6/4	M5	4	25	16	45	9	8	10
A156 6/4-1/8	6/4	G1/8	5	32	21,5	310	10	14	10
A156 6/4-1/4	6/4	G1/4	6	37	24,5	420	10	17	10
A156 8/6-1/8	8/6	G1/8	5	32	20,5	310	12	14	10
A156 8/6-1/4	8/6	G1/4	6	37	22,5	420	12	17	10

*nominal flow rate at 6 Bar - ***Débit nominal à 6 Bar** - **portata nominale a 6 Bar*

A157

FLOW REGULATOR PARALLEL FOR CYLINDER PUSH-ON / **REGULATEUR DE DEBIT CYLINDRIQUE POUR VERIN À COIFFE**
REGOLATORE DI FLUSSO CILINDRICO A CALZAMENTO PER CILINDRI

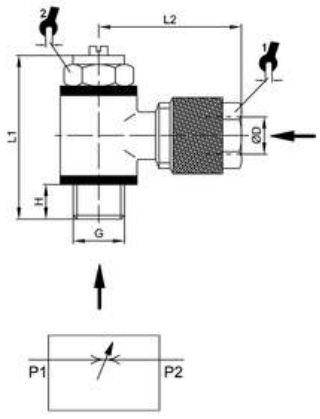


CODE	ØD	G	H	L1	L2	Nl/min*	1	2	min.pcs.
A157 5/3-M5	5/3	M5	4	25	16	45	8	8	10
A157 5/3-1/8	5/3	G1/8	5	32	21	310	8	14	10
A157 6/4-M5	6/4	M5	4	25	16	45	9	8	10
A157 6/4-1/8	6/4	G1/8	5	32	21,5	310	10	14	10
A157 6/4-1/4	6/4	G1/4	6	37	24,5	420	10	17	10
A157 8/6-1/8	8/6	G1/8	5	32	20,5	310	12	14	10
A157 8/6-1/4	8/6	G1/4	6	37	22,5	420	12	17	10
A157 8/6-3/8	8/6	G3/8	6	46	24,5	500	12	20	10

*nominal flow rate at 6 Bar - ***Débit nominal à 6 Bar** - **portata nominale a 6 Bar*

A158

FLOW REGULATOR PARALLEL BIDIRECTIONAL PUSH-ON / **REGULATEUR DE DEBIT CYLINDRIQUE BIDIRECTIONNEL À COIFFE**
REGOLATORE DI FLUSSO CILINDRICO A CALZAMENTO BIDIREZIONALE

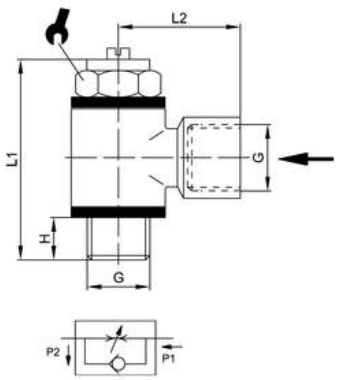


CODE	ØD	G	H	L1	L2	Nl/min*	1	2	min.pcs.
A158 5/3-M5	5/3	M5	4	25	16	45	8	8	10
A158 6/4-M5	6/4	M5	4	25	16	45	9	8	10
A158 6/4-1/8	6/4	G1/8	5	32	21,5	310	10	14	10
A158 6/4-1/4	6/4	G1/4	6	37	24,5	420	10	17	10
A158 8/6-1/8	8/6	G1/8	5	32	20,5	310	12	14	10
A158 8/6-1/4	8/6	G1/4	6	37	22,5	420	12	17	10

*nominal flow rate at 6 Bar - ***Débit nominal à 6 Bar** - **portata nominale a 6 Bar*

A159

FLOW REG. PARALLEL FOR VALVES FEMALE THREAD / **REGULATEUR DE DEBIT CYLINDRIQUE TARAUDE POUR VALVE**
REGOLATORE DI FLUSSO CILINDRICO PER VALVOLE FEMMINA

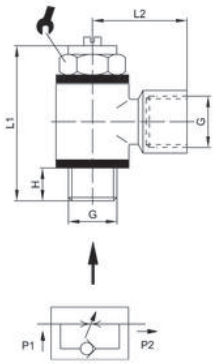


CODE	G	H	L1	L2	Nl/min*	1	min.pcs.
A159 M5	M5	4	25	11,5	45	8	10
A159 1/8	G1/8	5	32	21	310	14	10
A159 1/4	G1/4	6	18	25,5	450	17	10
A159 3/8	G3/8	7	46	26	1040	20	10
A159 1/2	G1/2	10	52,5	32	2200	26	10

*nominal flow rate at 6 Bar - ***Débit nominal à 6 Bar** - **portata nominale a 6 Bar*

A160

FLOW REGULATOR PARALLEL FOR CYLINDER FEMALE THREAD / **REGULATEUR DE DEBIT CYLINDRIQUE TARAUDE POUR VERIN**
REGOLATORE DI FLUSSO CILINDRICO PER CILINDRI FEMMINA

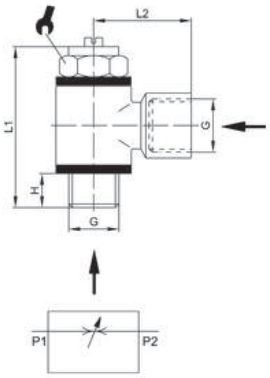


CODE	G	H	L1	L2	Nl/min*		min.pcs.
A160 M5	M5	4	25	11,5	45	8	10
A160 1/8	G1/8	5	32	21	310	14	10
A160 1/4	G1/4	6	37	25,5	810	17	10
A160 3/8	G3/8	7	46	26	1040	20	10
A160 1/2	G1/2	10	52,5	32	2200	26	10

*nominal flow rate at 6 Bar - ***Débit nominal à 6 Bar** - **portata nominale a 6 Bar*

A161

FLOW REGULATOR PARALLEL BIDIRECTIONAL FEMALE THREAD / **REGULATEUR DE DEBIT CYLINDRIQUE TARAUDE BIDIRECTIONNEL**
REGOLATORE DI FLUSSO CILINDRICO BIDIREZIONALE FEMMINA

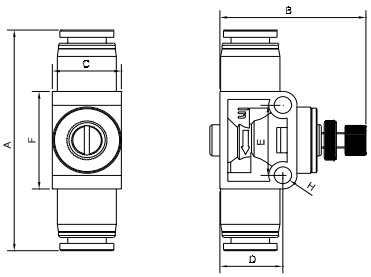


CODE	G	H	L1	L2	Nl/min*		min.pcs.
A161 M5	M5	4	25	11,5	45	8	10
A161 1/8	G1/8	5	32	21	310	14	10
A161 1/4	G1/4	6	37	25,5	810	17	10
A161 3/8	G3/8	7	46	26	1040	20	10
A161 1/2	G1/2	10	52,5	32	2200	26	10

*nominal flow rate at 6 Bar - ***Débit nominal à 6 Bar** - **portata nominale a 6 Bar*

NSF

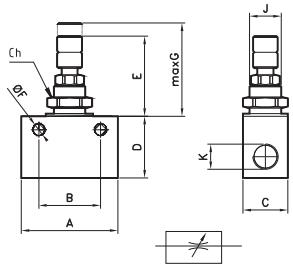
UNI-DIRECTIONAL IN LINE FLOW REGULATOR / **REGULATEUR DE DEBIT EN LIGNE UNIDIRECTIONNEL**
REGOLATORE DI FLUSSO IN LINEA UNIDIREZIONALE



CODE	tube Ø	A	B max	B min	C	D	E	F	H	min.pcs.
NSF 0400N	4	49.6	39.7	34.1	17	15.5	18	25	4.3	10
NSF 0600N	6	53.1	39.7	34.1	17	15.5	18	25	4.3	10
NSF 0800N	8	56.6	39.7	34.1	17	15.5	18	25	4.3	10
NSF 1000N	10	65.1	48.8	40.9	21	21.5	24	31	4.3	10
NSF 1200N	12	70.3	48.8	40.9	21	21.5	24	31	4.3	10

RF4005

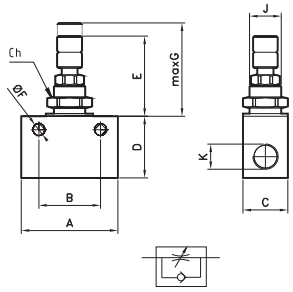
BI-DIRECTIONAL IN LINE FLOW REGULATOR / **REGULATEUR DE DEBIT BIDIRECTIONNEL EN LIGNE**
REGOLATORE DI FLUSSO IN LINEA BIDIREZIONALE



CODE	K	A	B	C	D	E	F	G	CH	J
RF4005100	M5	25	18	12	20	23	4.5	28	12	10X1
RF4005200	1/8	35	24	15	22	24	4.5	29,5	12	10X1
RF4005300	1/4	40	24	20	30	26	4.5	32,5	12	10X1
RF4005400	3/8	45	30	22	35	31	6	39,5	18	15X1
RF4005500	1/2	57	30	27	40	31	6	39,5	18	15X1

RF4004

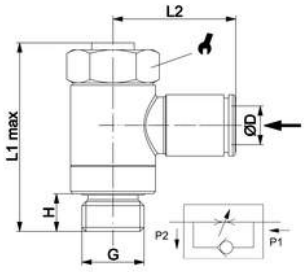
UNI-DIRECTIONAL IN LINE FLOW REGULATOR / **REGULATEUR DE DEBIT UNIDIRECTIONNEL EN LIGNE**
REGOLATORE DI FLUSSO IN LINEA UNIDIREZIONALE



CODE	K	A	B	C	D	E	F	G	CH	J
RF4004100	M5	25	18	12	20	23	4.5	28	12	10X1
RF4004200	1/8	35	24	15	22	24	4.5	29,5	12	10X1
RF4004300	1/4	40	24	20	30	26	4.5	32,5	12	10X1
RF4004400	3/8	45	30	22	35	31	6	39,5	18	15X1
RF4004500	1/2	57	30	27	40	31	6	39,5	18	15X1

A131X

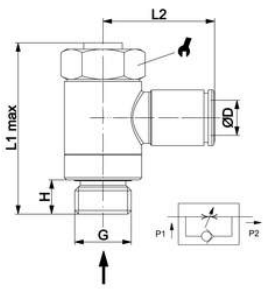
FLOW REGULATOR FOR VALVES IN STAINLESS STEEL / **REGULATEUR DE DEBIT EN INOX POUR VALVE**
REGOLATORE DI FLUSSO PER VALVOLE IN INOX



CODE	ØD	G	H	L1 max	L2	
A131X 4-1/8	4	G1/8	7	32	21	14
A131X 6-1/8	6	G1/8	7	32	22,5	14
A131X 6-1/4	6	G1/4	8	40	24,5	17
A131X 8-1/8	8	G1/8	7	32	24	14
A131X 8-1/4	8	G1/4	8	40	26	17

A132X

FLOW REGULATOR FOR CYLINDER IN STAINLESS STEEL / **REGULATEUR DE DEBIT EN INOX POUR VERIN**
REGOLATORE DI FLUSSO PER CILINDRI IN INOX



CODE	ØD	G	H	L1max	L2	
A132X 4-1/8	4	G1/8	7	32	21	14
A132X 6-1/8	6	G1/8	7	32	22,5	14
A132X 6-1/4	6	G1/4	8	40	24,5	17
A132X 8-1/8	8	G1/8	7	32	24	14
A132X 8-1/4	8	G1/4	8	40	26	17

ORDERING CODE / **CODIFICATIONS** / *CHIAVE DI CODIFICA*

B 2 0 0 1/8 1/8

THREAD SIZE
TAILLE DE FILETAGE
MISURA DEL FILETTO
M5
1/8
1/4
3/8
1/2
3/4
1

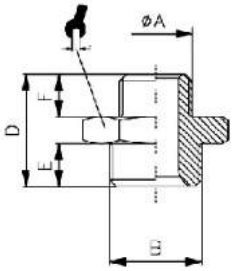
THREAD SIZE
TAILLE DE FILETAGE
MISURA DEL FILETTO
M5
1/8
1/4
3/8
1/2
3/4
1

TECHNICAL DATA / **DONNÉES TECHNIQUES** / *DATI TECNICI*

Fluid / **Fluide** / *Fluido*	Air / **Air** / *Aria*
Temperature range / **Température d'utilisation** / *Temperatura di esercizio*	- 20°C / +70°C
Max operating pressure / **Pression d'utilisation max.** / *Pressione massima*	60 bar
Material / **Matière** / *Materiale*	Brass / **Laiton** / *Ottone UNI EN 12164 CW 614N* Brass / **Laiton** / *Ottone UNI EN 12165 CW 617N*
Surface used / **Traitement de surface** / *Trattamento superficiale*	Nickel-piting / **Nickelage** / *nichelatura*
Threads / **Filetage** / *Filettature*	Parallel / **Cylindrique** / *Cilindrica DIN EN ISO 228* Taper / **Conique** / *Conico DIN EN 10226 (DIN 2999)* Metric / **Métrique** / *Metrico DIN ISO 262*

B216

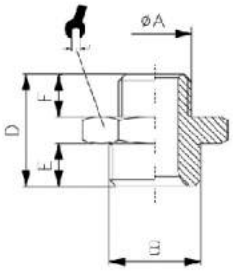
NIPPLE PARALLEL / **MAMELON CYLINDRIQUE** / *NIPPLO CILINDRICO*



CODE	A	B	D	E	F		min.pcs.
B216 M5	M5	M5	11,5	4,0	4,0	8	10
B216 1/8	G1/8	G1/8	16,5	6,0	6,0	14	10
B216 1/4	G1/4	G1/4	21,0	8,0	8,0	17	10
B216 3/8	G3/8	G3/8	23,0	9,0	9,0	19	10
B216 1/2	G1/2	G1/2	25,5	10,0	10,0	24	10
B216 3/4	G3/4	G3/4	28,5	11,0	11,0	30	10

B217

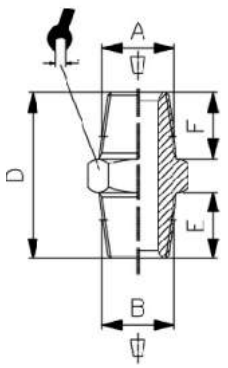
REDUCER PARALLEL / **RÉDUCTION CYLINDRIQUE** / *RIDUZIONE CILINDRICO*



CODE	A	B	D	E	F		min.pcs.
B217 M5 1/8	M5	G1/8	14,5	6,0	4,0	14	10
B217 1/8 1/4	G1/8	G1/4	19,0	8,0	6,0	17	10
B217 1/8 3/8	G1/8	G3/8	20,0	9,0	6,0	19	10
B217 1/4 3/8	G1/4	G3/8	22,0	9,0	8,0	19	10
B217 1/4 1/2	G1/4	G1/2	23,5	10,0	8,0	24	10
B217 3/8 1/2	G3/8	G1/2	24,5	10,0	9,0	24	10
B217 1/2-3/4	G1/2	G3/4	27,5	11,0	10,0	30	10
B217 3/4 1	G3/4	G1	32,0	23,0	15,0	22	10

B214

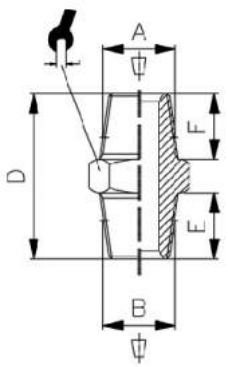
NIPPLE TAPER / **MAMELON CONIQUE** / *NIPPLO CONICO*



CODE	A	B	D	E	F		min.pcs.
B214 1/8	R1/8	R1/8	20,5	8,0	8,0	12	10
B214 1/4	R1/4	R1/4	27,0	11,0	11,0	14	10
B214 3/8	R3/8	R3/8	28,0	11,5	11,5	17	10
B214 1/2	R1/2	R1/2	33,5	14,0	14,0	22	10
B214 3/4	R3/4	R3/4	39,5	16,5	16,5	27	10
B214 1	R1	R1	45,5	19,0	19,0	34	10

B215

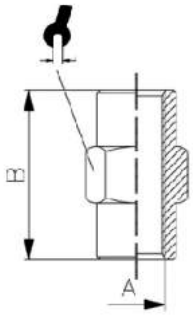
REDUCER TAPER / **RÉDUCTION CONIQUE** / *RIDUZIONE CONICO*



CODE	A	B	D	E	F		min.pcs.
B215 1/8 1/4	R1/8	R1/4	24,0	11,0	8,0	14	10
B215 1/8 3/8	R1/8	R3/8	24,5	11,5	8,0	17	10
B215 1/4 3/8	R1/4	R3/8	27,5	11,5	11,0	17	10
B215 1/4 1/2	R1/4	R1/2	30,5	14,0	11,0	22	10
B215 3/8 1/2	R3/8	R1/2	31,0	14,0	11,5	22	10
B215 1/2 3/4	R1/2	R3/4	37,0	16,5	14,0	27	10
B215 3/4 1	R3/4	R1	42,5	19,0	16,5	34	10

B223

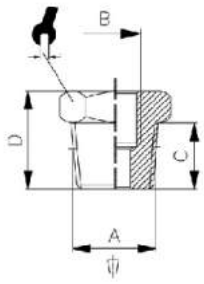
SLEEVE / **MANCHON** / *MANICOTTO*



CODE	A	B		min.pcs.
B223 M5	M5	11,0	8	10
B223 1/8	G1/8	15,0	14	10
B223 1/4	G1/4	22,0	17	10
B223 3/8	G3/8	23,0	22	10
B223 1/2	G1/2	28,0	26	10
B223 3/4	G3/4	32,0	32	10

B221

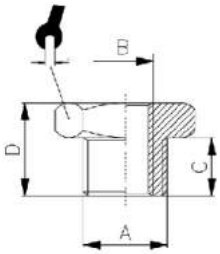
REDUCER TAPER / **RÉDUCTION CONIQUE** / *RIDUZIONE CONICA*



CODE	A	B	C	D		min.pcs.
B221 1/4 1/8	R1/4	G1/8	11,0	16,0	14	10
B221 3/8 1/8	R3/8	G1/8	11,5	16,5	17	10
B221 3/8 1/4	R3/8	G1/4	11,5	16,5	17	10
B221 1/2 1/8	R1/2	G1/8	14,0	19,5	22	10
B221 1/2 1/4	R1/2	G1/4	14,0	19,5	22	10
B221 1/2 3/8	R1/2	G3/8	14,0	19,5	22	10
B221 3/4 3/8	R3/4	G3/8	16,5	23,0	27	10
B221 3/4 1/2	R3/4	G1/2	16,5	23,0	27	10
B221 1 1/2	R1	G1/2	14,0	21,5	34	10

B222

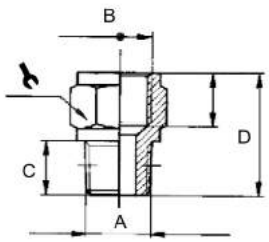
REDUCER PARALLEL / **RÉDUCTION CYLINDRIQUE** / *RIDUZIONE CILINDRICA*



CODE	A	B	C	D		min.pcs.
B222 1/8 M5	G1/8	M5	6,0	10,5	14	10
B222 1/4 1/8	G1/4	G1/8	8,0	13,0	17	10
B222 3/8 1/8	G3/8	G1/8	9,0	14,0	19	10
B222 3/8 1/4	G3/8	G1/4	9,0	14,0	19	10
B222 1/2-1/8	G1/2	G1/8	10,0	15,5	24	10
B222 1/2-1/4	G1/2	G1/4	10,0	15,5	24	10
B222 1/2-3/8	G1/2	G3/8	10,0	15,5	24	10
B222 3/4 3/8	G3/4	G3/8	11,0	17,5	30	10
B222 3/4 1/2	G3/4	G1/2	11,0	17,5	30	10

B218

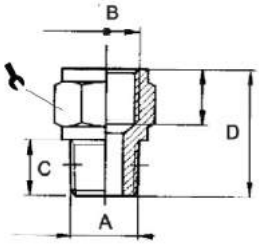
EXTENSION TAPER / **RÉDUCTION CONIQUE** / *PROLUNGA RIDUZIONE CONICA*



CODE	A	B	C	D		min.pcs.
B218 1/8	R1/8	G1/8	8,0	18,0	14	10
B218 1/8 1/4	R1/8	G1/4	8,0	21,5	17	10
B218 1/8 3/8	R1/8	G3/8	8,0	22,5	22	10
B218 1/4	R1/4	G1/4	11,0	24,5	17	10
B218 1/4 3/8	R1/4	G3/8	11,0	25,5	22	10
B218 1/4 1/2	R1/4	G1/2	11,0	29,0	24	10
B218 3/8	R3/8	G3/8	11,5	26,0	22	10
B218 3/8 1/2	R3/8	G1/2	11,5	29,5	24	10
B218 1/2	R1/2	G1/2	14,0	32,0	26	10
B218 1/2 3/4	R1/2	G3/4	14,0	35,0	32	10

B219

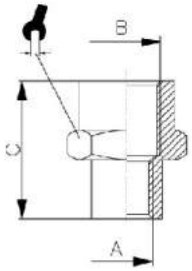
EXTENSION PARALLEL / **RÉDUCTION FEMELLE CYLINDRIQUE** / *PROLUNGA RIDUZIONE CILINDRICA*



CODE	A	B	C	D		min.pcs.
B219 M5 1/8	M5	G1/8	4,0	14,5	14	10
B219 1/8	G1/8	G1/8	6,0	16,0	14	10
B219 1/8 1/4	G1/8	G1/4	6,0	19,5	17	10
B219 1/8 3/8	G1/8	G3/8	6,0	20,5	22	10
B219 1/4	G1/4	G1/4	8,0	21,5	17	10
B219 ¼ 3/8	G1/4	G3/8	8,0	22,5	22	10
B219 ¼ 1/2	G1/4	G1/2	8,0	26,0	24	10
B219 3/8	G3/8	G3/8	9,0	23,5	22	10
B219 3/8 1/2	G3/8	G1/2	9,0	27,0	24	10
B219 1/2	G1/2	G1/2	10,0	28,0	26	10

B224

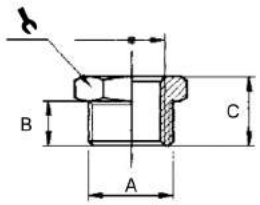
REDUCER SLEEVE / **RÉDUCTION FEMELLE** / *MANICOTTO RIDUZIONE*



CODE	A	B	C		min.pcs.
B224 M5 1/8	M5	G1/8	13,5	14	10
B224 1/8 1/4	G1/8	G1/4	19,0	17	10
B224 1/8 3/8	G1/8	G3/8	20,0	22	10
B224 1/8 1/2	G1/8	G1/2	24,0	24	10
B224 1/4 3/8	G1/4	G3/8	22,5	22	10
B224 1/4 1/2	G1/4	G1/2	26,0	24	10
B224 3/8 1/2	G3/8	G1/2	26,0	24	10
B224 1/2 3/4	G1/2	G3/4	30,0	32	10

B229

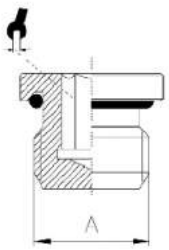
MALE PLUG PARALLEL / **BOUCHON CYLINDRIQUE** / *TAPPO MASCHIO CILINDRICO*



CODE	A	B	C		min.pcs.
B229 M5	M5	4,0	7,0	8	10
B229 1/8	G1/8	6,0	10,0	14	10
B229 1/4	G1/4	8,0	12,5	17	10
B229 3/8	G3/8	9,0	13,5	19	10
B229 1/2	G1/2	10,0	15,5	24	10
B229 3/4	G3/4	11,0	16,5	30	10
B229 1	G1	13,0	19,0	38	10

B230

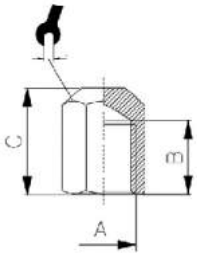
MALE PLUG PARALLEL WITH O-RING / **BOUCHON CYLINDRIQUE AVEC O-RING** / *TAPPO CON O-RING*



CODE	A	B	L	ØD		min.pcs.
B230 M5	M5	4,5	7,2	8,0	2,5	10
B230 1/8	G1/8	6,5	9,5	14,0	5	10
B230 1/4	G1/4	8	11,5	17,0	6	10
B230 3/8	G3/8	9	12,5	20,0	8	10
B230 1/2	G1/2	10	14,0	26,0	10	10

B231

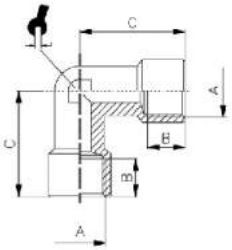
FEMALE PLUG / **BOUCHON FEMELLE** / *TAPPO FEMMINA*



CODE	A	B	C		min.pcs.
B231 1/8	G1/8	8,0	11,5	14	10
B231 1/4	G1/4	11,0	15,0	17	10
B231 3/8	G3/8	11,5	15,5	20	10
B231 1/2	G1/2	14,0	20,0	24	10

B203

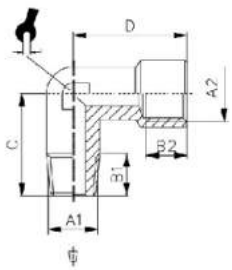
FEMALE ELBOW / **L FEMELLE** / *L FEMMINA*



CODE	A	B	C		min.pcs.
B203 M5	M5	4,0	11,0	8	10
B203 1/8	G1/8	8,0	21,0	10	10
B203 1/4	G1/4	11,0	25,5	13	10
B203 3/8	G3/8	11,5	28,0	17	10
B203 1/2	G1/2	14,0	33,5	21	10
B203 3/4	G3/4	16,5	36,5	25	10
B203 1	G1	19,0	45,0	30	10

B202

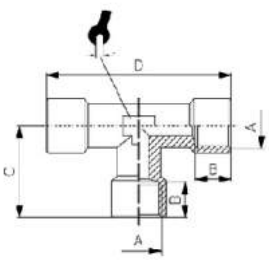
MALE - FEMALE ELBOW / **L MALE - FEMELLE** / *L MASCHIO - FEMMINA*



CODE	A1	A2	B1	B2	C	D		min.pcs.
B202 M5	M5	M5	4,0	5,0	11,5	11,0	9	10
B202 1/8	R1/8	G1/8	8,0	8,0	18,5	21,0	10	10
B202 1/4	R1/4	G1/4	11,0	11,0	23,5	25,5	13	10
B202 3/8	R3/8	G3/8	11,5	11,5	26,0	28,0	17	10
B202 1/2	R1/2	G1/2	14,0	14,0	31,0	33,5	21	10
B202 3/4	R3/4	G3/4	16,0	16,5	33,0	36,5	25	10
B202 1	R1	G1	17,0	19,0	39,0	45,0	30	10

B207

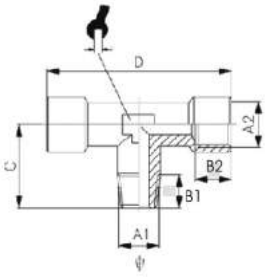
FEMALE TEE / **T FEMELLE** / *T FEMMINA*



CODE	A	B	C	D		min.pcs.
B207 M5	M5	5	11,0	22,0	9	10
B207 1/8	G1/8	8,0	21,0	42,0	10	10
B207 1/4	G1/4	11,0	25,5	51,0	13	10
B207 3/8	G3/8	11,5	28,0	56,0	17	10
B207 1/2	G1/2	14,0	33,5	67,0	21	10
B207 3/4	G3/4	16,5	36,5	73,0	25	10
B207 1	G1	19,0	45,0	90,0	30	10

B208

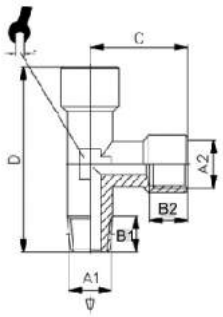
MALE FEMALE TEE / **T MALE FEMELLE CENTRAL** / *T MASCHIO FEMMINA CENTRALE*



CODE	A1	A2	B1	B2	C	D		min.pcs.
B208 M5	M5	M5	4,0	5,0	11,5	22,0	9	10
B208 1/8	R1/8	G1/8	8,0	8,0	18,5	42,0	10	10
B208 1/4	R1/4	G1/4	11,0	11,0	23,5	51,0	13	10
B208 3/8	R3/8	G3/8	11,5	11,5	26,0	56,0	17	10
B208 1/2	R1/2	G1/2	14,0	14,0	31,0	67,0	21	10
B208 3/4	R3/4	G3/4	16,0	16,5	33,0	73,0	25	10
B208 1	R1	G1	17,5	19,0	39,0	90,0	30	10

B206

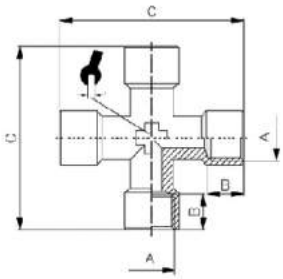
MALE FEMALE LATERAL TEE / **T MALE FELMELLE** / *T MASCHIO FEMMINA LATERALE*



CODE	A1	A2	B1	B2	C	D		min.pcs.
B206 M5	M5	M5	4,0	5,0	11,0	22,5	9	10
B206 1/8	R1/8	G1/8	8,0	8,0	21,0	39,5	10	10
B206 1/4	R1/4	G1/4	11,0	11,0	25,5	49,0	13	10
B206 3/8	R3/8	G3/8	11,5	11,5	28,0	54,0	17	10
B206 1/2	R1/2	G1/2	14,0	14,0	33,5	64,5	21	10
B206 3/4	R3/4	G3/4	16,5	16,5	36,5	69,5	25	10
B206 1	R1	G1	17,5	19,0	45,0	84,0	30	10

B212

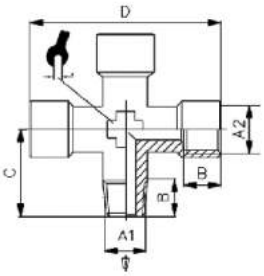
CROSS FEMALE TEE / **CROIX FEMELLE** / *CROCE FEMMINA*



CODE	A	B	C		min.pcs.
B212 1/8	G1/8	8,0	42,0	10	10
B212 1/4	G1/4	11,0	51,0	13	10
B212 3/8	G3/8	11,5	56,0	17	10
B212 1/2	G1/2	14,0	67,0	21	10

B213

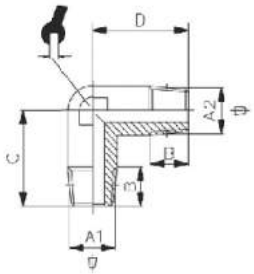
MALE FEMALE CROSS TEE / **CROIX MALE FEMELLE** / *CROCE MASCHIO FEMMINA*



CODE	A1	A2	B	C	D		min.pcs.
B213 1/8	R1/8	G1/8	8,0	18,5	42,0	10	10
B213 1/4	R1/4	G1/4	11,0	23,5	51,0	13	10
B213 3/8	R3/8	G3/8	11,5	26,0	56,0	17	10
B213 1/2	R1/2	G1/2	14,0	31,0	670	21	10

B201

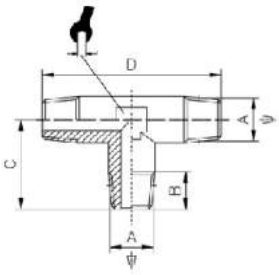
MALE ELBOW / **L MALE** / *L MASCHIO*



CODE	A1	A2	B1	B2	C	D		min.pcs.
B201 M5	M5	M5	4,0	4,0	11,5	11,5	8	10
B201 1/8	R1/8	R1/8	8,0	8,0	18,5	18,5	10	10
B201 1/4	R1/4	R1/4	11,0	11,0	23,5	23,5	13	10
B201 3/8	R3/8	R3/8	11,5	11,5	26,0	26,0	17	10
B201 1/2	R1/2	R1/2	14,0	14,0	31,0	31,0	21	10
B201 3/4	R3/4	R3/4	16,0	16,0	33,0	33,0	25	10
B201 1	R1	R1	17,0	17,0	39,0	39,0	30	10

B204

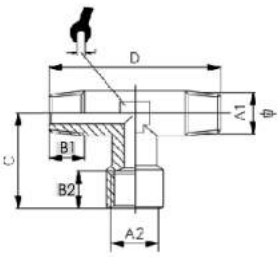
MALE TEE / **T MALE** / *T MASCHIO*



CODE	A	B	C	D		min.pcs.
B204 1/8	R1/8	8,0	18,5	37,0	10	10
B204 1/4	R1/4	11,0	23,5	47,0	13	10
B204 3/8	R3/8	11,5	26,0	52,0	17	10
B204 1/2	R1/2	14,0	31,0	62,0	21	10
B204 3/4	R3/4	16,2	33,0	66,4	25	10
B204 1	R1	17,5	39,0	78,0	30	10

B205

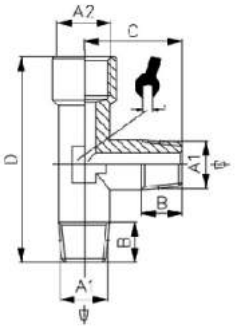
FEMALE MALE TEE / **T MALE FEMELLE CENTRAL** / *T MASCHIO FEMMINA CENTRALE*



CODE	A1	A2	B1	B2	C	D		min.pcs.
B205 1/8	R1/8	G1/8	8,0	8,0	21,0	37,0	10	10
B205 1/4	R1/4	G1/4	11,0	11,0	25,5	47,0	13	10
B205 3/8	R3/8	G3/8	11,5	11,5	28,0	52,0	17	10
B205 1/2	R1/2	G1/2	14,0	14,0	33,5	62,0	21	10
B205 3/4	R3/4	G3/4	16,2	16,5	36,5	66,4	25	10
B205 1	R1	G1	17,5	19,0	45,0	78,0	30	10

B209

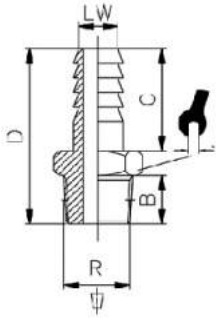
MALE FEMALE TEE / **T MALE FEMELLE** / *T MASCHIO FEMMINA*



CODE	A1	A2	B	C	D		min.pcs.
B209 1/8	R1/8	G1/8	8,0	18,5	39,5	10	10
B209 1/4	R1/4	G1/4	11,0	23,5	49,0	13	10
B209 3/8	R3/8	G3/8	11,5	26,0	54,0	17	10
B209 1/2	R1/2	G1/2	14,0	31,0	64,5	21	10
B209 3/4	R3/4	G3/4	16,0	33,0	69,5	25	10
B209 1	R1	G1	17,5	39,0	84,0	30	10

B225

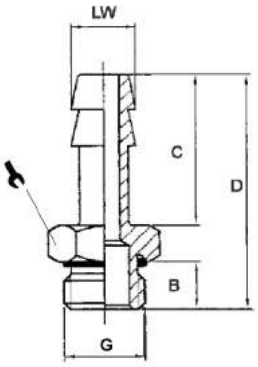
MALE HOSE ADAPTOR TAPER / **DOUILLE CANNELÉE CONIQUE** / *PORTAGOMMA MASCHIO CONICO*



CODE	LW	R	B	C	D		min.pcs.
B225 6 1/8	6,0	R1/8	8,0	19,0	31,5	12	10
B225 6 1/4	6,0	R1/4	11,0	19,0	35,0	14	10
B225 7 1/8	7,0	R1/8	8,0	19,0	31,5	12	10
B225 7 1/4	7,0	R1/4	11,0	19,0	35,0	14	10
B225 8 1/8	8,0	R1/8	8,0	19,0	31,5	12	10
B225 8 1/4	8,0	R1/4	11,0	19,0	35,0	14	10
B225 9 1/8	9,0	R1/8	8,0	19,0	31,5	12	10
B225 9 1/4	9,0	R1/4	11,0	19,0	35,0	14	10
B225 9 3/8	9,0	R3/8	11,5	19,0	35,5	17	10
B225 9 1/2	9,0	R1/2	14,0	19,0	38,5	22	10
B225 10 1/8	10,0	R1/8	8,0	20,0	32,5	12	10
B225 10 1/4	10,0	R1/4	11,0	20,0	36,0	14	10
B225 10 3/8	10,0	R3/8	11,5	20,0	36,5	17	10
B225 10 1/2	10,0	R1/2	14,0	20,0	39,5	22	10
B225 12 1/4	12,0	R1/4	11,0	20,0	36,0	14	10
B225 12 3/8	12,0	R3/8	11,5	20,0	36,5	17	10
B225 12 1/2	12,0	R1/2	14,0	20,0	39,5	22	10
B225 14 3/8	14,0	R3/8	11,5	22,0	38,5	17	10
B225 14 1/2	14,0	R1/2	14,0	22,0	41,5	22	10
B225 16 3/8	16,0	R3/8	11,5	22,0	38,5	17	10
B225 16 1/2	16,0	R1/2	14,0	22,0	41,5	22	10
B225 16 3/4	16,0	R3/4	16,5	22,0	45,0	27	10
B225 17 3/8	17,0	R3/8	11,5	24,0	40,5	18	10
B225 17 1/2	17,0	R1/2	14,0	24,0	43,5	22	10
B225 18 3/8	18,0	R3/8	11,5	24,0	40,5	19	10
B225 18 1/2	18,0	R1/2	14,0	24,0	43,5	22	10
B225 18 3/4	18,0	R3/4	16,5	24,0	47,0	27	10
B225 20 3/8	20,0	R3/8	11,5	24,0	41,0	22	10
B225 20 1/2	20,0	R1/2	14,0	24,0	43,5	22	10
B225 20 3/4	20,0	R3/4	16,5	24,0	46,5	27	10
B225 25 3/4	25,0	R3/4	16,5	30,0	53,0	27	10
B225 25 1	25,0	R1	19,0	30,0	56,0	34	10

B227

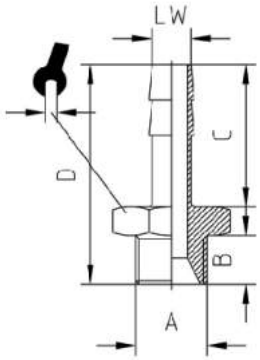
MALE HOSE ADAPTOR PARALLEL / **DOUILLE CANNELÉE CYLINDRIQUE** / *PORTAGOMMA MASCHIO CILINDRICO*



CODE	LW	G	B	C	D		min.pcs.
B227 4,5 M5	4,5	M5	4,5	15,0	23,0	8	10
B227 6 1/8	6,0	G1/8	6,5	19,0	30,0	14	10
B227 6 1/4	6,0	G1/4	8,0	19,0	32,0	17	10
B227 7 1/8	7,0	G1/8	6,5	19,0	30,0	14	10
B227 7 1/4	7,0	G1/4	8,0	19,0	32,0	17	10
B227 8 1/8	8,0	G1/8	6,5	19,0	30,0	14	10
B227 8 1/4	8,0	G1/4	8,0	19,0	32,0	17	10
B227 9 1/8	9,0	G1/8	6,5	19,0	30,0	14	10
B227 9 1/4	9,0	G1/4	8,0	19,0	32,0	17	10
B227 9 3/8	9,0	G3/8	9,0	19,0	33,0	20	10
B227 12 1/4	12,0	G1/4	8,0	20,0	33,0	17	10
B227 12 3/8	12,0	G3/8	9,0	20,0	34,0	20	10
B227 12 1/2	12,0	G1/2	10,0	20,0	35,5	25	10
B227 17 3/8	17,0	G3/8	9,0	24,0	38,0	20	10
B227 17 1/2	17,0	G1/2	10,0	24,0	39,5	25	10

B226

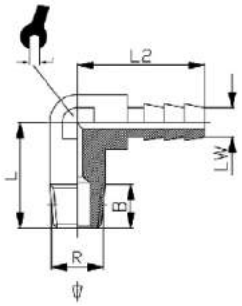
MALE HOSE ADAPTOR PARALLEL / **DOUILLE CANNELÉE CYLINDRIQUE** / *PORTAGOMMA MASCHIO CILINDRICO*



CODE	LW	A	C	B	D		min.pcs.
B226 4,5 M5	4,5	M5	15,0	4,0	22,5	8	10
B226 6 1/8	6,0	G1/8	19,0	6,0	29,5	12	10
B226 6 1/4	6,0	G1/4	19,0	8,0	32,0	14	10
B226 7 1/8	7,0	G1/8	19,0	6,0	29,5	12	10
B226 7 1/4	7,0	G1/4	19,0	8,0	32,0	14	10
B226 8 1/8	8,0	G1/8	19,0	6,0	29,5	12	10
B226 8 1/4	8,0	G1/4	19,0	8,0	32,0	14	10
B226 8 3/8	8,0	G3/8	19,0	9,0	33,0	19	10
B226 9 1/8	9,0	G1/8	19,0	6,0	29,5	12	10
B226 9 1/4	9,0	G1/4	19,0	8,0	32,0	14	10
B226 9 3/8	9,0	G3/8	19,0	9,0	33,0	19	10
B226 10 1/8	10,0	G1/8	20,0	6,0	30,5	12	10
B226 10 1/4	10,0	G1/4	20,0	8,0	33,0	14	10
B226 10 3/8	10,0	G3/8	20,0	9,0	34,0	19	10
B226 12 1/4	12,0	G1/4	20,0	8,0	33,0	14	10
B226 12 3/8	12,0	G3/8	20,0	9,0	34,0	19	10
B226 12 1/2	12,0	G1/2	20,0	10,0	35,5	22	10
B226 14 3/8	14,0	G3/8	22,0	9,0	36,0	19	10
B226 14 1/2	14,0	G1/2	22,0	10,0	37,5	22	10
B226 17 3/8	17,0	G3/8	24,0	9,0	38,0	19	10
B226 17 1/2	17,0	G1/2	24,0	10,0	39,5	22	10
B226 18 3/4	18,0	G3/4	24,0	11,0	41,5	30	10
B226 20 1/2	20,0	G1/2	24,0	10,0	39,5	22	10
B226 20 3/4	20,0	G3/4	24,0	11,0	41,5	30	10

B240

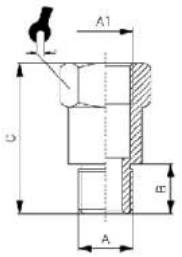
90° HOSE ADAPTOR / **DOUILLE CANNELÉE EN L** / *PORTAGOMMA A L*



CODE	LW	R	B	L	L1	L2		min.pcs.
B240 6 1/8	6,0	R1/8	8,0	18,5	14,0	22,5	8	10
B240 6 1/4	6,0	R1/4	11,0	23,0	14,0	23,0	9	10
B240 7 1/8	7,0	R1/8	8,0	18,5	14,0	22,5	8	10
B240 7 1/4	7,0	R1/4	11,0	23,0	14,0	23,0	9	10

B220

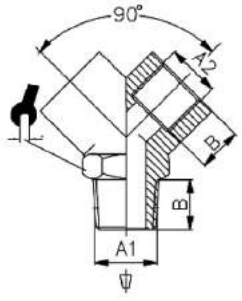
EXTENSION CONNECTOR / **PROLONGATEUR** / *RIDUZIONE PROLUNGA*



CODE	A	A1	B	C		min.pcs.
B220 181422	G1/8	G1/8	6,0	22,0	14	10
B220 181442	G1/8	G1/8	6,0	42,0	14	10
B220 181451	G1/8	G1/8	6,0	51,0	14	10
B220 141735	G1/4	G1/4	8,0	35,0	17	10
B220 141751	G1/4	G1/4	8,0	51,0	17	10

B210

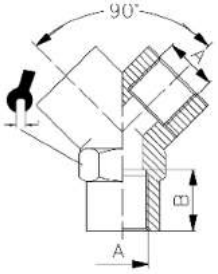
MALE FEMALE Y / **Y MALE FEMELLE** / *Y MASCHIO FEMMINA*



CODE	A	B		min.pcs.
B210 1/8	1/8	8,0	13	10
B210 1/4	1/4	11,0	17	10
B210 3/8	3/8	11,5	20	10
B210 1/2	1/2	14,0	25	10

B211

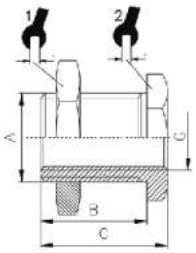
FEMALE Y / **Y FEMELLE** / *Y FEMMINA*



CODE	A	B		min.pcs.
B211 1/8	G1/8	8,0	13	10
B211 1/4	G1/4	11,0	17	10
B211 3/8	G3/8	11,5	20	10
B211 1/2	G1/2	14,0	25	10

B233

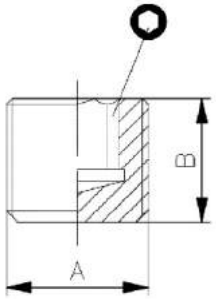
FEMALE BULKHEAD / **TRAVERSÉE DE CLOISON** / *PASSAPARETE FEMMINA*



CODE	G	A	B	C			min.pcs.
B233 M5	M5	M10x1	10,5	14,0	14	14	10
B233 1/8	G1/8	M16x1,5	14,0	18,0	22	19	10
B233 1/4	G1/4	M20x1,5	21,0	25,0	27	24	10
B233 3/8	G3/8	M26x1,5	21,0	26,0	32	30	10
B233 1/2	G1/2	M28x1,5	27,0	33,0	36	32	10

B241

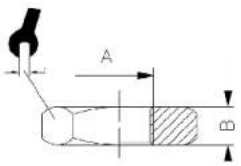
PLUG TAPER / **BOUCHON CONIQUE** / *TAPPO CONICO*



CODE	A	B		min.pcs.
B241 1/8	R1/8	8,0	5	10
B241 1/4	R1/4	10,0	6	10
B241 3/8	R3/8	11,0	8	10
B241 1/2	R1/2	13,0	10	10

B232

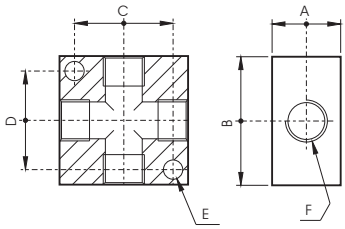
NUT / **ÉCROU** / *DADO*



CODE	A	B		min.pcs.
B232 1/8	G1/8	4,5	14	10
B232 1/4	G1/4	5	17	10
B232 3/8	G3/8	5,5	19	10
B232 1/2	G1/2	6	24	10
B232 3/4	G3/4	6	32	10
B232 1	G1	8	38	10

RC

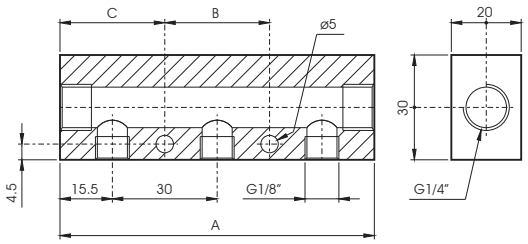
TEE CROSS MANIFOLD / **REPARTITEUR EN CROIX** / *RIPARTITORE A CROCE*



CODE	F	A	B	C	D	E
RC40304502	1/8	16	30	23	22	4,5
RC40304503	1/4	20	40	30	27	5,5
RC40304504	3/8	25	50	38	39	6,5
RC40304505	1/2	25	50	38	39	6,5

RC

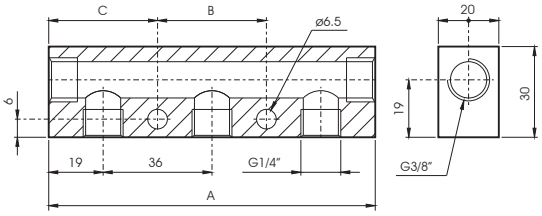
SINGLE MANIFOLD 1/4 - 1/8 / **COLLECTEUR 1/4 - 1/8** / *RIPARTITORE SINGOLO 1/4 - 1/8*



CODE	N°	A	B	C
RC40302407	2	61	50	5,5
RC40302507	3	91	30	30,5
RC40302607	4	121	60	30,5
RC40302707	5	151	90	30,5
RC40302807	6	181	120	30,5

RC

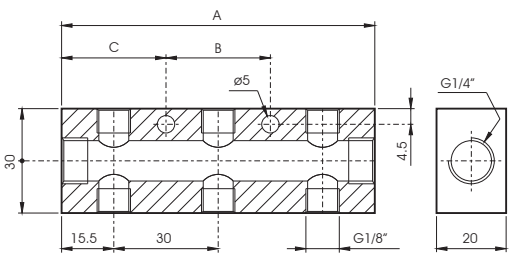
SINGLE MANIFOLD 3/8 - 1/4 / **COLLECTEUR DOUBLE 3/8 - 1/4** / *RIPARTITORE SINGOLO 3/8 - 1/4*



CODE	N°	A	B	C
RC40302417	2	74	61	6,5
RC40302517	3	110	36	37
RC40302617	4	146	72	37
RC40302717	5	182	108	37
RC40302817	6	218	144	37

RC

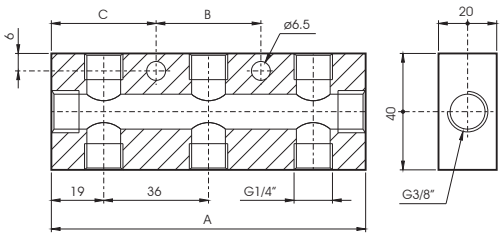
DOUBLE MANIFOLD 1/4 - 1/8 / **COLLECTEUR DOUBLE 1/4 - 1/8** / *RIPARTITORE DOPPIO 1/4 - 1/8*



CODE	N°	A	B	C
RC40302907	2	61	50	5,5
RC40303007	3	91	30	30,5
RC40303107	4	121	60	30,5
RC40303207	5	151	90	30,5

RC

DOUBLE MANIFOLD 3/8 - 1/4 / **COLLECTEUR DOUBLE 3/8 - 1/4** / *RIPARTITORE DOPPIO 3/8 - 1/4*



CODE	N°	A	B	C
RC40302917	2	74	61	6,5
RC40303017	3	110	36	37
RC40303117	4	146	72	37
RC40303217	5	182	108	37
RC40303317	6	218	144	37

Touch fittings are mainly used during "plastic" tubes assembly for pneumatic installation especially in case of vibrations or extreme climatic conditions (that involve changes on tube features by passing time).
The fitting tube connection takes place through.

Le raccord à coiffe est particulièrement approprié dans l'assemblage de tuyaux "plastique" pour les systèmes pneumatiques, en particulier là où il peut y avoir des vibrations ou des conditions climatiques extrêmes (qui pourront dans le temps altérer les caractéristiques du tube).
Le raccordement du tuyau au raccord se fait grâce au serrage d'un écrou qui le rend sûr et fiable dans le temps.

I raccordi a calzamento sono particolarmente adatti negli assemblaggi di tubi "plastici" in impianti pneumatici, in particolar modo dove possano esserci vibrazioni o condizioni climatiche estreme (che comportano nel tempo mutamenti alle caratteristiche del tubo). L'aggancio del tubo al raccordo avviene infatti attraverso il serraggio di una ghiera che lo rende sicuro e affidabile nel tempo.

ORDERING CODE / **CODIFICATIONS** / *CHIAVE DI CODIFICA*

C 3 0 0 4 1/8

THREAD SIZE
TAILLE DE FILETAGE
MISURA DEL FILETTO
M5
M6
1/8
1/4
3/8
1/2

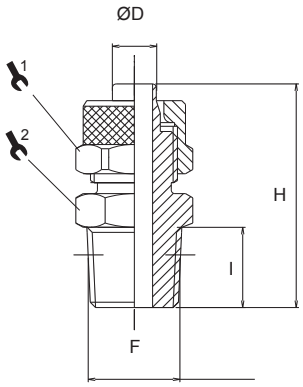
TUBE / **TUBE** / *TUBO*
4/2,7 mm
5/3 mm
6/4 mm
8/6 mm
10/8 mm
12/10 mm
15/12,5 mm

TECHNICAL DATA / **DONNÉES TECHNIQUES** / *DATI TECNICI*

Fluid / **Fluide** / *Fluido*	Air / **Air** / *Aria*
Temperature range / **Température d'utilisation** / *Temperatura di esercizio*	- 20°C / +70°C
Max operating pressure / **Pression d'utilisation max.** / *Pressione massima*	20 bar
Material / **Matière** / *Materiale*	Brass / **Laiton** / *Ottone UNI EN 12164 CW 614N* Brass / **Laiton** / *Ottone UNI EN 12165 CW 617N*
Surface used / **Traitement de surface** / *Trattamento superficiale*	Nickel-plating / **Nickelage** / *Nichelatura*
Threads / **Filetage** / *Filettature*	Parallel / **cylindrique** / Cilindrica DIN EN ISO 228 Taper / **Conique** / Conico DIN EN 10226 (DIN 2999) Metric / **Métrique** / *Metrico DIN ISO 262*
Recommended tubes / **Tubes recommandés** / *Tubi raccomandati*	Nylon, polyethylene, Rilsan, polyurethane **Nylon, polyéthylène, PVC Rilsan, polyuréthane** *Nylon, polietilene, PVC Rilsan, poliuretano*

C301

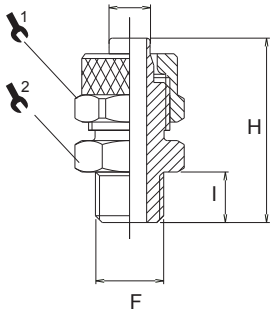
STRAIGHT MALE ADAPTOR TAPER / **DROIT MÂLE CONIQUE** / *DIRITTO MASCHIO CONICO*



CODE	ØD	F	I	H	1	2	min.pcs.
C301 4-1/8	4/2,7	R1/8	8,0	23,8	8	12	10
C301 5-1/8	5/3	R1/8	8,0	25,0	8	12	10
C301 6-1/8	6/4	R1/8	8,0	27,5	12	12	10
C301 6-1/4	6/4	R1/4	11,0	31,0	12	14	10
C301 6-3/8	6/4	R3/8	11,5	31,5	12	17	10
C301 8-1/8	8/6	R1/8	8,0	27,5	14	12	10
C301 8-1/4	8/6	R1/4	11,0	31,0	14	14	10
C301 8-3/8	8/6	R3/8	11,5	31,5	14	17	10
C301 8-1/2	8/6	R1/2	14,0	34,5	14	22	10
C301 10-1/8	10/8	R1/8	8,0	29,5	16	14	10
C301 10-1/4	10/8	R1/4	11,0	32,5	16	14	10
C301 10-3/8	10/8	R3/8	11,5	33,0	16	17	10
C301 10-1/2	10/8	R1/2	14,0	36,0	16	22	10
C301 12-3/8	12/10	R3/8	11,5	34,5	18	17	10
C301 12-1/2	12/10	R1/2	14,0	37,5	18	22	10
C301 15-1/2	15/12,5	R1/2	14,0	39,5	22	22	10

C302

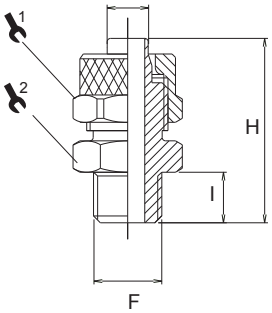
STRAIGHT MALE ADAPTOR PARALLEL / **DROIT MÂLE CYLINDRIQUE** / *DIRITTO MASCHIO CILINDRICO*



CODE	ØD	F	I	H	1	2	min.pcs.
C302 5-1/8	5/3	G1/8	6,0	23,0	8	14	10
C302 6-1/8	6/4	G1/8	6,0	25,5	12	14	10
C302 6-1/4	6/4	G1/4	8,0	28,0	12	17	10
C302 6-3/8	6/4	G3/8	9,0	29,0	12	19	10
C302 8-1/8	8/6	G1/8	6,0	25,5	14	14	10
C302 8-1/4	8/6	G1/4	8,0	28,0	14	17	10
C302 8-3/8	8/6	G3/8	9,0	29,0	14	19	10
C302 10-1/8	10/8	G1/8	6,0	27,0	16	14	10
C302 10-1/4	10/8	G1/4	8,0	29,5	16	17	10
C302 10-3/8	10/8	G3/8	9,0	30,5	16	19	10
C302 10-1/2	10/8	G1/2	10,0	32,0	16	24	10
C302 12-3/8	12/10	G3/8	9,0	32,0	18	19	10
C302 12-1/2	12/10	G1/2	10,0	33,5	18	24	10
C302 15-1/2	15/12,5	G1/2	10,0	35,5	22	24	10

C302C

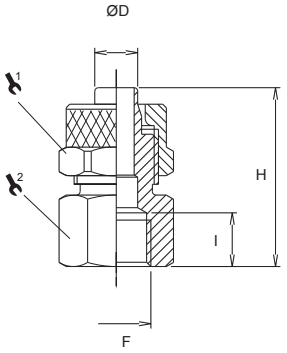
STRAIGHT MALE ADAPTOR PARALLEL WITH O-RING / **DROIT MÂLE CYLINDRIQUE AVEC JOINT** / *DIRITTO MASCHIO CILINDRICO CON O-RING*



CODE	ØD	F	I	H	1	2	min.pcs.
C302C 4-1/8	4/3	G1/8	-	-	-	-	10
C302C 5-1/8	5/3	G1/8	6,0	23,0	8	14	10
C302C 6-1/8	6/4	G1/8	6,0	25,5	12	14	10
C302C 6-1/4	6/4	G1/4	8,0	28,0	12	17	10
C302C 6-3/8	6/4	G3/8	9,0	29,0	12	19	10
C302C 6-1/2	6/4	G1/2	-	-	-	-	10
C302C 8-1/8	8/6	G1/8	6,0	25,5	14	14	10
C302C 8-1/4	8/6	G1/4	8,0	28,0	14	17	10
C302C 8-3/8	8/6	G3/8	9,0	29,0	14	19	10
C302C 8-1/2	8/6	G1/2	-	-	-	-	10
C302C 10-1/8	10/8	G1/8	6,0	27,0	16	14	10
C302C 10-1/4	10/8	G1/4	8,0	29,5	16	17	10
C302C 10-3/8	10/8	G3/8	9,0	30,5	16	19	10
C302C 10-1/2	10/8	G1/2	10,0	32,0	16	24	10
C302C 12-3/8	12/10	G3/8	9,0	32,0	18	19	10
C302C 12-1/2	12/10	G1/2	10,0	33,5	18	24	10
C302C 15-1/2	15/12,5	G1/2	10,0	35,5	22	24	10

C304

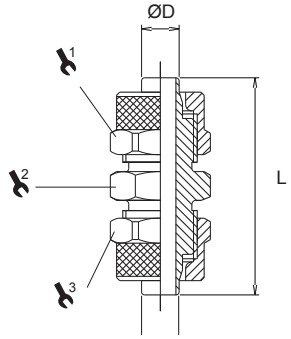
STRAIGHT FEMALE ADAPTOR / **DROIT FEMELLE** / *DIRITTO FEMMINA*



CODE	ØD	F	I	H	1	2	min.pcs.
C304 4-1/8	4/2,7	G1/8	8,0	21,3	8	14	10
C304 5-1/8	5/3	G1/8	8,0	22,5	8	14	10
C304 6-1/8	6/4	G1/8	8,0	25,0	12	14	10
C304 6-1/4	6/4	G1/4	11,0	29,0	12	17	10
C304 6-3/8	6/4	G3/8	11,5	29,5	12	20	10
C304 8-1/8	8/6	G1/8	8,0	25,0	14	14	10
C304 8-1/4	8/6	G1/4	11,0	29,0	14	17	10
C304 8-3/8	8/6	G3/8	11,5	29,5	14	20	10
C304 10-1/8	10/8	G1/8	8,0	26,5	16	14	10
C304 10-1/4	10/8	G1/4	11,0	30,5	16	17	10
C304 10-3/8	10/8	G3/8	11,5	31,0	16	20	10
C304 10-1/2	10/8	G1/2	14,0	34,5	16	24	10
C304 12-3/8	12/10	G3/8	11,5	32,5	18	20	10

C305

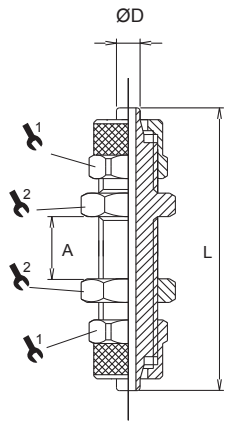
UNION CONNECTOR / **DROIT DOUBLE** / *DIRITTO INTERMEDIO*



CODE	ØD	L	1	2	3	min.pcs.
C305 4	4/2,7	26,1	8	8	8	10
C305 5	5/3	28,5	8	8	8	10
C305 6	6/4	34,5	12	12	12	10
C305 8	8/6	35,0	14	14	12	10
C305 8-6	8/6x6/4	35,0	14	14	14	10
C305 10	10/8	38,0	16	16	14	10
C305 12	12/10	41,0	18	17	18	10
C305 15	15/12,5	45,5	22	22	22	10

C306

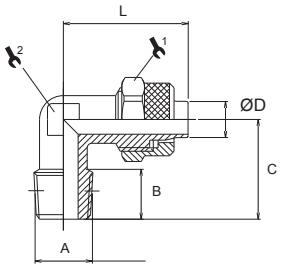
BULKHEAD CONNECTOR / **TRAVERSÉE DE CLOISON** / *DIRITTO PASSAPARETE*



CODE	ØD	Amax	L	1	2	min.pcs.
C306 4	4/2,7	8,5	36,7	8	8	10
C306 5	5/3	8,5	40,0	8	9	10
C306 6	6/4	10,5	48,0	12	14	10
C306 8	8/6	10,5	48,0	14	16	10
C306 10	10/8	8,5	50,0	16	17	10
C306 12	12/10	8,5	53,0	18	19	10
C306 15	15/12,5	8,5	58,0	22	24	10

C307

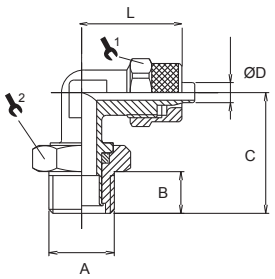
MALE ELBOW TAPER / **ÉQUERRE MALE CONIQUE** / *L MASCHIO CONICO*



CODE	ØD	A	B	C	L	1	2	min.pcs.
C307 4-1/8	4/2,7	R1/8	8,0	17,0	19,5	8	8	10
C307 5-1/8	5/3	R1/8	8,0	17,0	21,5	8	8	10
C307 6-1/8	6/4	R1/8	8,0	17,0	22,5	12	8	10
C307 6-1/4	6/4	R1/4	11,0	20,0	22,5	12	10	10
C307 6-3/8	6/4	R3/8	11,5	22,5	23,5	12	11	10
C307 8-1/8	8/6	R1/8	8,0	17,0	22,5	14	10	10
C307 8-1/4	8/6	R1/4	11,0	20,0	22,5	14	10	10
C307 8-3/8	8/6	R3/8	11,5	22,5	24,0	14	11	10
C307 10-1/8	10/8	R1/8	8,0	18,5	25,5	16	11	10
C307 10-1/4	10/8	R1/4	11,0	21,5	25,5	16	11	10
C307 10-3/8	10/8	R3/8	11,5	22,5	25,5	16	11	10
C307 10-1/2	10/8	R1/2	14,0	28,0	28,0	16	17	10
C307 12-1/4	12/10	R1/4	11,0	24,0	30,0	18	14	10
C307 12-3/8	12/10	R3/8	11,5	24,5	30,0	18	14	10
C307 12-1/2	12/10	R1/2	14,0	28,0	30,5	18	17	10
C307 15-1/2	15/12,5	R1/2	14,0	28,0	34,0	22	17	10

C308C

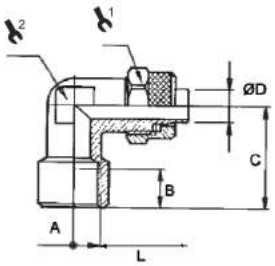
ROTARY MALE ELBOW PARALLEL / **ÉQUERRE MALE CYLINDRIQUE** / *L GIREVOLE MASCHIO CILINDRICO*



CODE	ØD	A	B	C	L	1	2	min.pcs.
C308C 4-1/8	4/2,7	G1/8	6,0	22,5	21,5	12	14	10
C308C 6-1/8	6/4	G1/8	6,0	22,5	22,5	12	14	10
C308C 6-1/4	6/4	G1/4	8,0	25,0	23,5	12	17	10
C308C 8-1/8	8/6	G1/8	6,0	22,5	23,5	14	14	10
C308C 8-1/4	8/6	G1/4	8,0	25,0	23,5	14	17	10
C308C 10-1/4	10/8	G1/4	8,0	25,5	25,5	16	17	10

C310

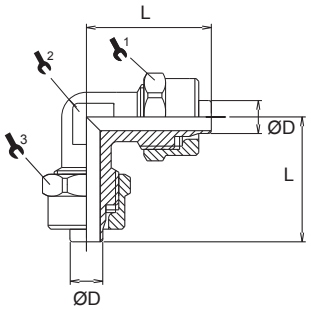
FEMALE ELBOW / **ÉQUERRE FEMELLE** / *L FEMMINA*



CODE	ØD	A	B	C	L	1	2	min.pcs.
C310 5-1/8	5/3	G1/8	8,0	19,0	21,5	8	10	10
C310 6-1/8	6/4	G1/8	8,0	19,0	22,5	12	10	10
C310 6-1/4	6/4	G1/4	10,5	23,0	25,0	12	11	10
C310 8-1/8	8/6	G1/8	8,0	19,0	22,5	14	10	10
C310 8-1/4	8/6	G1/4	10,5	23,0	25,0	14	11	10
C310 10-1/4	10/8	G1/4	11,0	23,5	26,0	16	13	10
C310 12-3/8	12/10	G3/8	11,5	28,0	30,5	18	17	10

C311

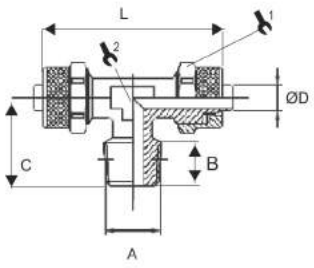
UNION ELBOW / **ÉQUERRE DOUBLE** / *L INTERMEDIO*



CODE	ØD	L	1	2	3	min.pcs.
C311 4	4/2,7	20,3	8	8	8	10
C311 5	5/3	21,5	8	8	8	10
C311 6	6/4	21,5	12	8	12	10
C311 8	8/6	22,5	12	10	14	10
C311 8-6	8/6x6/4	22,5	14	10	14	10
C311 10	10/8	25,5	16	11	16	10
C311 12	12/10	30,0	18	14	18	10
C311 15	15/12,5	34,0	22	17	22	10

C313

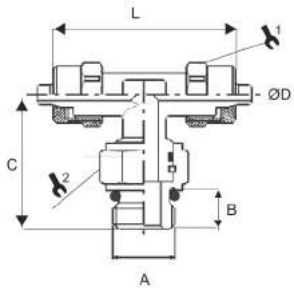
MALE TEE TAPER / **T CONIQUE** / *T CENTRALE CONICO*



CODE	ØD	A	B	C	L	1	2	min.pcs.
C313 4-1/8	4/2,7	R1/8	8,0	17,0	40,6	8	8	10
C313 5-M5	5/3	M5	4,0	15,0	43,0	8	8	10
C313 5-1/8	5/3	R1/8	8,0	17,0	43,0	8	8	10
C313 6-1/8	6/4	R1/8	8,0	17,0	45,0	11	8	10
C313 6-1/4	6/4	R1/4	11,0	20,5	45,5	11	10	10
C313 6-3/8	6/4	R3/8	11,5	22,5	47,0	12	11	10
C313 8-1/8	8/6	R1/8	8,0	17,5	45,5	14	10	10
C313 8-1/4	8/6	R1/4	11,0	20,5	45,5	14	10	10
C313 8-3/8	8/6	R3/8	11,5	21,5	48,0	14	11	10
C313 10-1/8	10/8	R1/8	8,0	18,5	51,0	16	11	10
C313 10-1/4	10/8	R1/4	11,0	21,5	51,0	16	11	10
C313 10-3/8	10/8	R3/8	11,5	22,5	51,0	16	11	10
C313 10-1/2	10/8	R1/2	14,0	28,0	57,0	16	17	10
C313 12-3/8	12/10	R3/8	11,5	22,5	60,0	18	14	10
C313 12-1/2	12/10	R1/2	14,0	28,0	61,0	18	17	10
C313 15-1/2	15/12,5	R1/2	14,0	28,0	68,0	22	17	10

C313C

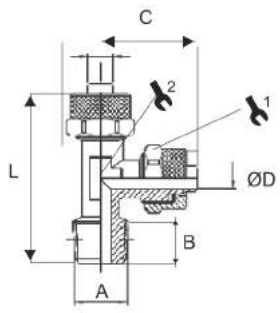
MALE TEE PARALLEL / **T CYLINDRIQUE** / *T CENTRALE CILINDRICO*



CODE	ØD	A	B	C	L	1	2	min.pcs.
C313C 4-1/8	4/2,7	G1/8	6,0	25,7	45,0	8	13	10
C313C 6-1/8	6/4	G1/8	6,0	25,7	45,0	12	13	10
C313C 6-1/4	6/4	G1/4	8,0	29,0	45,5	12	16	10
C313C 8-1/8	8/6	G1/8	6,0	26,0	45,5	10	14	10
C313C 8-1/4	8/6	G1/4	8,0	28,0	45,5	14	16	10
C313C 10-1/4	10/8	G1/4	8,0	29,0	51,0	16	16	10

C314

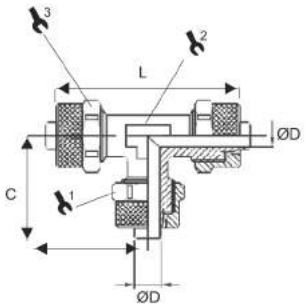
LATERAL MALE TEE TAPER / **T LATERAL CONIQUE** / *T LATERALE CONICO*



CODE	ØD	A	B	C	L	1	2	min.pcs.
C314 4-1/8	4/2,7	R1/8	8,0	21,5	38,0	8	8	10
C314 5-M5	5/3	M5	4,0	21,5	36,5	8	8	10
C314 5-1/8	5/3	R1/8	8,0	21,5	38,5	8	8	10
C314 6-1/8	6/4	R1/8	8,0	22,5	39,5	12	8	10
C314 6-1/4	6/4	R1/4	11,0	22,5	42,5	12	10	10
C314 6-3/8	6/4	R3/8	11,5	24,0	46,5	12	11	10
C314 8-1/8	8/6	R1/8	8,0	22,5	40,5	14	10	10
C314 8-1/4	8/6	R1/4	11,0	22,5	43,5	14	10	10
C314 8-3/8	8/6	R3/8	11,5	23,5	46,5	14	11	10
C314 10-1/8	10/8	R1/8	8,0	25,5	44,0	16	11	10
C314 10-1/4	10/8	R1/4	11,0	25,5	46,5	16	11	10
C314 10-3/8	10/8	R3/8	11,5	25,5	48,0	16	11	10
C314 10-1/2	10/8	R1/2	14,0	29,0	57,0	16	17	10
C314 12-3/8	12/10	R3/8	11,5	30,0	54,5	18	14	10
C314 12-1/2	12/10	R1/2	14,0	30,5	58,5	18	17	10
C314 15-1/2	15/12,5	R1/2	14,0	34,0	62,0	22	17	10

C315

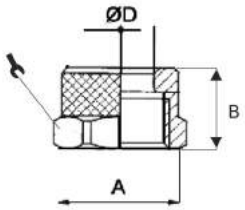
UNION TEE / **T** / *T INTERMEDIO*



CODE	ØD	C	L	1	2	3	min.pcs.
C315 4	4/2,7	20,3	20,3	8	8	8	10
C315 5	5/3	21,5	43,0	8	8	8	10
C315 6	6/4	22,5	45,0	12	8	12	10
C315 8-6	8/6x6/4	22,5	45,0	14	10	14	10
C315 8	8/6	22,5	45,0	12	10	14	10
C315 10	10/8	25,5	51,0	16	11	16	10
C315 12	12/10	30,0	60,0	18	14	18	10
C315 15	15/12,5	34,0	68,0	22	17	22	10

C322

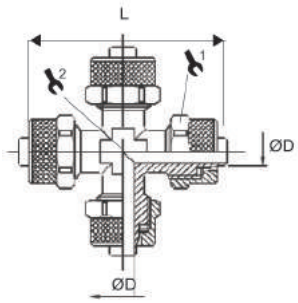
NUT / **ECROU** / *DADO*



CODE	ØD	A	B		min.pcs.
C322 4	4/2,7	M6x0,5	8,1	8	10
C322 5	5/3	M7x0,75	8,5	8	10
C322 6-8	6/4	M8x0,75	9,0	9	10
C322 6	6/4	M10x1	10,5	12	10
C322 8	8/6	M12x1	10,5	14	10
C322 10	10/8	M14x1	11,5	16	10
C322 12	12/10	M16x1	13,0	18	10
C322 15	15/12,5	M20x1	15,5	22	10

C312

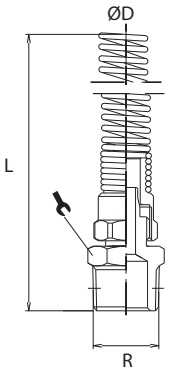
CROSS UNION / **CROIX** / *CROCE INTERMEDIO*



CODE	ØD	L	1	2	min.pcs.
C312 5	5/3	43,0	8	8	10
C312 6	6/4	45,0	12	8	10
C312 8	8/6	45,0	14	10	10
C312 10	10/8	51,0	16	11	10

E533

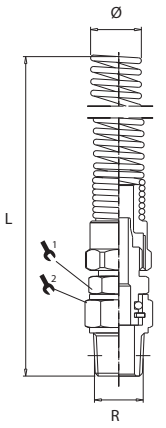
MALE CONNECTOR SWIVEL WITH SPRING PARALLEL / **DROIT MÂLE CONIQUE AVEC RESSORT**
DIRITTO MASCHIO GIREVOLE CONICO CON MOLLA



CODE	TUBO	R	L		min.pcs.
E533 6/4 1/4	6/4	1/4	113,0	14	10
E533 8/5 1/4	8/5	1/4	124,5	12	10
E533 8/6 1/4	8/6	1/4	128,0	14	10
E533 8/6 3/8	8/6	3/8	128,5	17	10
E533 10/8 1/4	10/8	1/4	125,0	14	10
E533 10/8 3/8	10/8	3/8	125,5	17	10
E533 12/10 3/8	12/10	3/8	140,0	22	10

E534

MALE CONNECTOR SWIVEL WITH SPRING TAPER / **DROIT MÂLE CONIQUE ROTATIF AVEC RESSORT**
DIRITTO MASCHIO GIREVOLE CONICO CON MOLLA

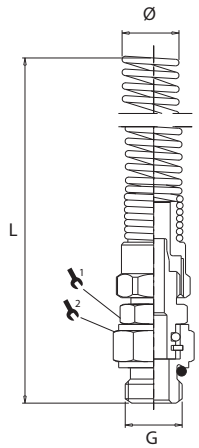


CODE	TUBO	R	L	1	2	min.pcs.
E534 6/4 1/4	6/4	1/4	118,9	15	13	10
E534 8/5 1/4 *	8/5	1/4	124,4	13	13	10
E534 8/6 1/4	8/6	1/4	124,4	16	16	10
E534 10/6,5 1/4 *	10/6,5	1/4	132,4	16	16	10
E534 10/8 1/4	10/8	1/4	132,4	13	13	10
E534 12/8 3/8	12/8	3/8	141,9	16	16	10
E534 12/10 3/8	12/10	3/8	141,9	16	16	10

* Special measures for PU tube
Mesures spécifiques pour tube de polyuréthane
Misure specifiche per tubo in poliuretano

E535

ROTARY MALE CONNECTOR SWIVEL WITH SPRING PARALLEL / **DROIT MÂLE CYLINDRIQUE AVEC RESSORT**
DIRITTO MASCHIO GIREVOLE CON MOLLA

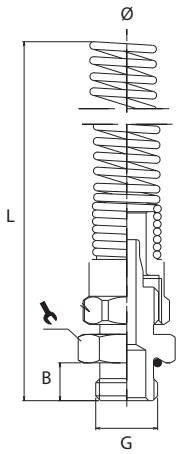


CODE	TUBO	R	L	1	2	min.pcs.
E535 6/4 1/8	6/4	1/8	116,9	13	13	10
E535 6/4 1/4	6/4	1/4	118,9	13	13	10
E535 8/5 1/8 *	8/5	1/8	122,4	16	16	10
E535 8/5 1/4 *	8/5	1/4	124,4	13	13	10
E535 8/6 1/8	8/6	1/8	122,4	16	16	10
E535 8/6 1/4	8/6	1/4	124,4	16	16	10
E535 10/6,5 1/4 *	10/6,5	1/4	132,4	16	16	10
E535 10/8 1/4	10/8	1/4	132,4	13	13	10
E535 12/8 3/8	12/8	3/8	141,9	16	16	10
E535 12/10 3/8	12/10	3/8	141,9	16	16	10

* Special measures for PU tube
Mesures spécifiques pour tube de polyuréthane
Misure specifiche per tubo in poliuretano

E536

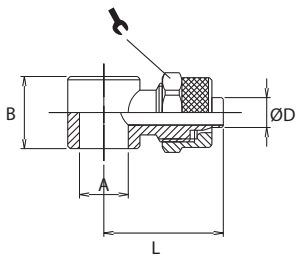
FIXED MALE CONNECTOR WITH SPRING PARALLEL / **DROIT MÂLE CYLINDRIQUE AVEC RESSORT**
DIRITTO MASCHIO FISSO CILINDRICO CON MOLLA



CODE	TUBO	G	B	L		min.pcs.
E536 6/4 1/8	6/4	1/8	6,0	111,0	13	10
E536 6/4 1/4	6/4	1/4	8,0	111,0	16	10
E536 6/4 3/8	6/4	3/8	9,0	112,0	19	10
E536 6/4 1/2	6/4	1/2	10,0	113,0	24	10
E536 8/6 1/8	8/6	1/8	6,0	110,0	14	10
E536 8/6 1/4	8/6	1/4	8,0	111,0	16	10
E536 8/6 3/8	8/6	3/8	9,0	112,0	19	10
E536 8/6 1/2	8/6	1/2	10,0	113,0	24	10
E536 10/8 1/8	10/8	1/8	6,0	116,0	14	10
E536 10/8 1/4	10/8	1/4	8,0	117,0	16	10
E536 10/8 3/8	10/8	3/8	9,0	118,5	19	10
E536 10/8 1/2	10/8	1/2	10,0	119,0	24	10
E536 12/10 3/8	12/10	3/8	9,0	129,0	19	10
E536 12/10 1/2	12/10	1/2	10,0	130,0	24	10

C316

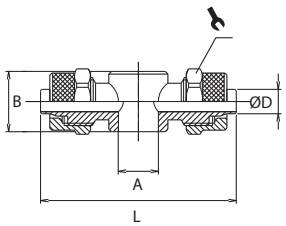
SINGLE BANJO BODY / **BANJO ORIENTABLE** / *ANELLO ORIENTABILE SINGOLO*



CODE	ØD	A	B	L		min.pcs.
C316 4/2,7-M5	4/2,7	M5	9,0	15,8	8	10
C316 4/2,7-M6	4/2,7	M6	9,0	15,8	8	10
C316 4/2,7-1/8	4/2,7	G1/8	14,5	21,3	8	10
C316 5/3-M5	5/3	M5	9,0	17,0	8	10
C316 5/3-1/8	5/3	G1/8	14,5	22,5	8	10
C316 6/4-M5	6/4	M5	9,0	18,0	9	10
C316 6/4-1/8	6/4	G1/8	14,5	24,0	12	10
C316 6/4-1/4	6/4	G1/4	14,5	26,0	12	10
C316 8/6-1/8	8/6	G1/8	14,5	24,0	14	10
C316 8/6-1/4	8/6	G1/4	14,5	26,0	14	10
C316 10/8-1/4	10/8	G1/4	14,5	27,5	16	10

C317

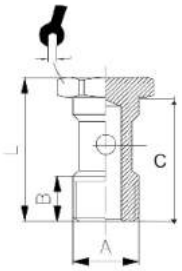
DOUBLE BANJO BODY / **BANJO ORIENTABLE DOUBLE** / *ANELLO ORIENTABILE DOPPIO*



CODE	ØD	A	B	L		min.pcs.
C317 4/2,7-1/8	4/2,7	G1/8	14,5	42,6	8	10
C317 5/3-1/8	5/3	G1/8	14,5	45,0	8	10
C317 6/4-1/8	6/4	G1/8	14,5	48,0	12	10
C317 6/41/4	6/4	G1/4	14,5	52,0	12	10
C317 8/6-1/8	8/6	G1/8	14,5	48,0	14	10
C317 8/6-1/4	8/6	G1/4	14,5	52,0	14	10
C317 10/8-1/4	10/8	G1/4	14,5	55,0	16	10

C319

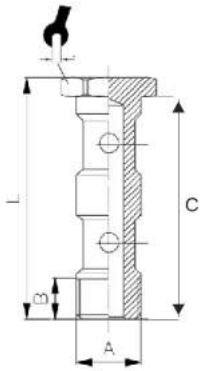
SINGLE STEM / **VIS SIMPLE** / *ASTA SINGOLA*



CODE	A	B	C	L		min.pcs.
C319 M5	M5	6,0	14,5	18,0	8	10
C319 M6	M6	6,0	14,5	18,5	8	10
C319 1/8	G1/8	8,0	23,0	27,0	14	10
C319 1/4	G1/4	11,0	25,0	29,5	17	10

C321

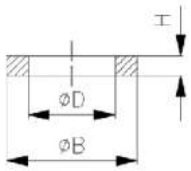
DOUBLE STEM / **VIS DOUBLE** / *ASTA DOPPIA*



CODE	A	B	C	L		min.pcs.
C321 1/8	G1/8	8,0	39,0	43,0	14	10
C321 1/4	G1/4	11,0	41,0	45,5	17	10

C327

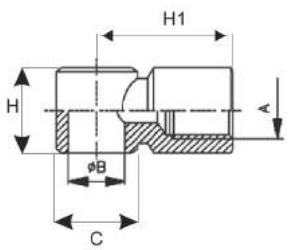
NYLON WASHER / **RONDELLE EN NYLON** / *DISTANZIALE NYLON*



CODE	ØD	ØB	H	min.pcs.
C327 1/8	10,0	14,0	5,0	10
C327 1/4	13,2	17,5	5,0	10

C318

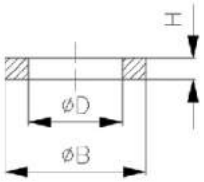
FEMALE SINGLE BANJO / **BANJO ORIENTABLE FEMELLE** / *ANELLO GIREVOLE FEMMINA*



CODE	A	B	C	H	H1	min.pcs.
C318 1/8	G1/8	G1/8	14,0	14,5	20,0	10
C318 1/4	G1/4	G1/4	18,0	17,5	24,5	10
C318 3/8	G3/8	G3/8	21,0	21,0	29,0	10

C325

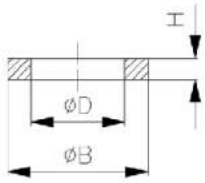
NYLON NOTCHED WASHER / **RONDELLE EN NYLON** / *RONDELLA NYLON DENTELLATA*



CODE	D	B	H	min.pcs.
C325 M5	5,2	8,0	1,3	10
C325 1/8	10,0	14,0	2,0	10
C325 1/4	13,5	18,0	2,0	10
C325 3/8	16,8	21,0	2,0	10
C325 1/2	21,1	26,0	2,0	10

C324

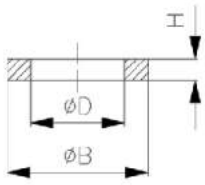
NYLON WASHER / **RONDELLE EN NYLON** / *RONDELLA NYLON*



CODE	D	B	H	min.pcs.
C324 M5	5,3	7,7	1,0	10
C324 1/8	10,2	13,0	1,5	10
C324 1/4	13,4	17,9	2,0	10
C324 3/8	17,1	21,8	2,0	10
C324 1/2	21,3	26,5	2,0	10
C324 3/4	26,7	32,4	2,0	10

C323

ALUMINIUM WASHER / **RONDELLE EN ALUMINIUM** / *RONDELLA ALLUMINIO*



CODE	D	B	H	min.pcs.
C323 1/8	10,0	14,0	1,5	10
C323 1/4	10,3	17,3	1,5	10
C323 3/8	16,9	21,0	1,5	10
C323 1/2	21,1	26,0	1,5	10

Compression fittings are so defined because the tube closing on the fitting is made by a cutting compression ogive which holds on the tube.
Compression fittings are suitable for the assembly of rigid tubes (copper, brass,…); for possible use of "plastic" tubes a special stiffener (cod. D414) is necessary to be inserted in the tube until the suitable support. All fittings belonging to this category have been planned according to DIN rules which control the product.

Le raccord de compression est ainsi défini car le serrage du tuyau sur le raccord se fait au moyen de la compression d'une olive qui va s'accrocher au tuyau lui-même.
Le raccord de compression est adapté dans l' assemblage de tubes rigides (cuivre, laiton, etc.); mais l'utilisation de tubes "plastique" est possible , utilisez une fourrure (code D414) qui sera insérée dans le tuyau jusqu'à ce que le sertissage soit garanti. Tous les accessoires de la gamme sont conçus selon les normes DIN.

I raccordi a compressione vengono così definiti in quanto il serraggio del tubo sul raccordo avviene mediante la compressione di un'ogiva tagliente che va ad aggrapparsi al tubo stesso. I raccordi a compressione sono adatti negli assemblaggi di tubi rigidi (rame, ottone, ecc.); per eventuali utilizzi di tubi "plastici" è necessario utilizzare un apposito rinforzo (cod. D414) che va inserito all'interno del tubo fino all'apposita battuta di appoggio.
Tutti i raccordi appartenenti a questa categoria sono stati progettati seguendo le norme DIN che regolamentano il prodotto.

ORDERING CODE / **CODIFICATIONS** / *CHIAVE DI CODIFICA*

D 4 0 0 6 1/8

THREAD SIZE
TAILLE DE FILETAGE
MISURA DEL FILETTO
1/8
1/4
3/8
1/2

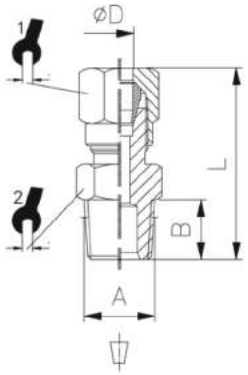
TUBE DIAMETER
DIAMÈTRE TUBE
DIAMETRO TUBO
4 mm
6 mm
8 mm
10 mm
12 mm
14 mm
15 mm
16 mm
18 mm

TECHNICAL DATA / **DONNÉES TECHNIQUES** / *DATI TECNICI*

Fields of application / **Domaine d'application** / Campi di impiego	Pneumatic and hydraulic systems **Circuits pneumatiques et hydrauliques** Circuiti pneumatici e idraulici
Temperature range / **Température d'utilisation** / Temperatura di esercizio	-20°C / +80°C
Max operating pressure / **Pression d'utilisation max.** / Pressione massima	60 bar
Material / **Matière** / Materiale	Brass / **Laiton** / Ottone UNI EN 12164 CW 614N Brass / **Laiton** / Ottone UNI EN 12165 CW 617N
Surface used / **Traitement de surface** / Trattamento superficiale	Nickel-plating / **Nickelage** / Nichelatura
Recommended tubes / **Tubes recommandés** / Tubi raccomandati	For metal pipes (copper, brass, steel, aluminium etc.) **Tubes métalliques (cuivre, laiton, acier, aluminium etc.)** Tubi metallici (rame, ottone, acciaio, alluminio ecc.)

D401

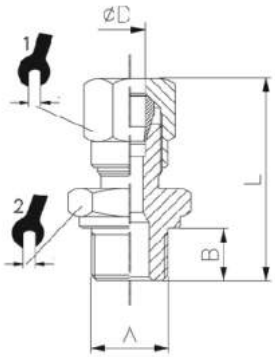
STRAIGHT MALE ADAPTOR TAPER / **DROIT MÂLE CONIQUE** / *DIRITTO MASCHIO CONICO*



CODE	ØD	A	B	L	1	2	min.pcs.
D401 4-1/8	4,0	R1/8	8,0	27,0	10	10	10
D401 6-1/8	6,0	R1/8	8,0	28,0	12	12	10
D401 6-1/4	6,0	R1/4	11,0	32,5	12	14	10
D401 8-1/8	8,0	R1/8	8,0	29,5	14	12	10
D401 8-1/4	8,0	R1/4	11,0	33,0	14	14	10
D401 8-3/8	8,0	R3/8	11,5	33,0	14	17	10
D401 10-1/4	10,0	R1/4	11,0	37,5	19	17	10
D401 10-3/8	10,0	R3/8	11,5	38,0	19	17	10
D401 10-1/2	10,0	R1/2	14,0	40,5	19	22	10
D401 12-3/8	12,0	R3/8	11,5	39,0	22	19	10
D401 12-1/2	12,0	R1/2	14,0	41,0	22	22	10
D401 14-1/2	14,0	R1/2	14,0	42,5	27	22	10
D401 15-1/2	15,0	R1/2	14,0	42,5	27	22	10
D401 16-1/2	16,0	R1/2	14,0	42,0	30	24	10
D401 18-1/2	18,0	R1/2	14,0	43,0	32	26	10

D402

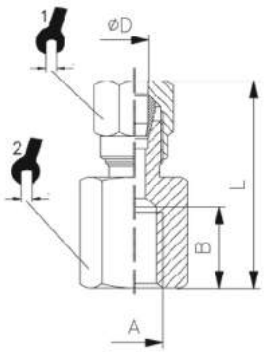
STRAIGHT MALE ADAPTOR PARALLEL / **DROIT MÂLE CYLINDRIQUE** / *DIRITTO MASCHIO CILINDRICO*



CODE	ØD	A	B	L	1	2	min.pcs.
D402 4-1/8	4,0	G1/8	6,0	25,0	10	14	10
D402 6-1/8	6,0	G1/8	6,0	26,0	12	14	10
D402 6-1/4	6,0	G1/4	8,0	29,5	12	17	10
D402 8-1/8	8,0	G1/8	6,0	27,5	14	14	10
D402 8-1/4	8,0	G1/4	8,0	30,0	14	17	10
D402 8-3/8	8,0	G3/8	9,0	30,5	14	19	10
D402 10-1/4	10,0	G1/4	8,0	34,5	19	17	10
D402 10-3/8	10,0	G3/8	9,0	36,0	19	19	10

D403

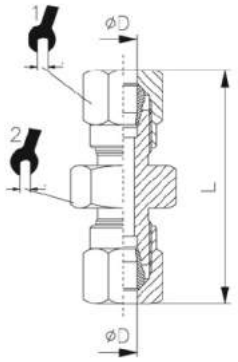
STRAIGHT FEMALE ADAPTOR / **DROIT FEMELLE** / *DIRITTO FEMMINA*



CODE	ØD	A	B	L	1	2	min.pcs.
D403 4-1/8	4	G1/8	8,0	24,5	10	14	10
D403 6-1/8	6	G1/8	8,0	26,0	12	14	10
D403 6-1/4	6	G1/4	11,0	30,5	12	17	10
D403 8-1/8	8	G1/8	8,0	26,5	14	14	10
D403 8-1/4	8	G1/4	11,0	31,0	14	17	10
D403 8-3/8	8	G3/8	11,5	31,0	14	20	10
D403 10-1/4	10	G1/4	11,0	35,5	19	17	10
D403 10-3/8	10	G3/8	11,5	36,5	19	20	10
D403 12-3/8	12	G3/8	11,5	37,0	22	20	10
D403 12-1/2	12	G1/2	15,0	38,5	22	24	10
D403 14-1/2	14	G1/2	15,0	40,0	27	24	10
D403 15-1/2	15	G1/2	15,0	40,5	27	24	10
D403 16-1/2	16	G1/2	15,0	41,5	30	24	10
D403 18-1/2	18	G1/2	15,0	43,0	32	24	10

D404

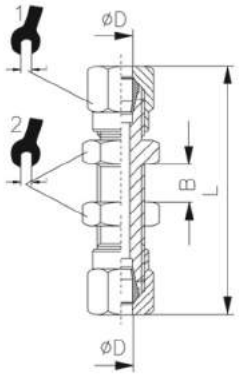
UNION CONNECTOR / **DROIT DOUBLE** / *DIRITTO INTERMEDIO*



CODE	ØD	L	1	2	min.pcs.
D404 4	4,0	33,5	10	10	10
D404 6	6,0	36,5	12	12	10
D404 8	8,0	38,5	14	14	10
D404 10	10,0	47,5	19	17	10
D404 12	12,0	50,5	22	19	10
D404 14	14,0	55,5	27	24	10
D404 15	15,0	55,5	27	24	10
D404 16	16,0	58,0	30	24	10
D404 18	18,0	60,0	32	26	10

D416

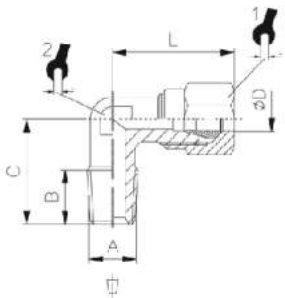
BULKHEAD CONNECTOR / **TRAVERSÉE DE CLOISON** / *DIRITTO INTERMEDIO PASSALAMIERA*



CODE	ØD	Bmax	L	1	2	min.pcs.
D416 6	6,0	15,5	51,5	12	14	10
D416 8	8,0	16,5	55,5	14	16	10
D416 10	10,0	15,5	62,5	19	19	10
D416 12	12,0	16,0	64,5	22	22	10
D416 14	14,0	18,0	69,5	27	25	10
D416 15	15,0	18,0	69,5	27	25	10

D405

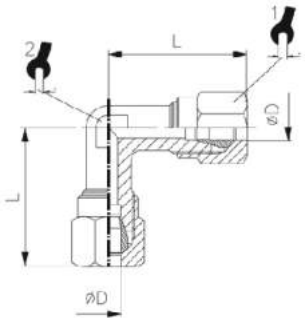
MALE ELBOW TAPER / **ÉQUERRE MALE CONIQUE** / *L MASCHIO CONICO*



CODE	ØD	A	B	C	L	1	2	min.pcs.
D405 4-1/8	4	R1/8	8,0	16,0	21,0	10	9	10
D405 6-1/8	6	R1/8	8,0	16,0	22,0	12	9	10
D405 6-1/4	6	R1/4	11,0	20,0	24,5	12	11	10
D405 8-1/8	8	R1/8	8,0	17,0	24,0	14	11	10
D405 8-1/4	8	R1/4	11,0	20,0	24,0	14	11	10
D405 8-3/8	8	R3/8	11,5	24,0	27,0	14	13	10
D405 10-1/4	10	R1/4	11,0	23,5	32,0	19	13	10
D405 10-3/8	10	R3/8	11,5	24,0	32,0	19	13	10
D405 10-1/2	10	R1/2	14,0	28,5	34,0	19	15	10
D405 12-3/8	12	R3/8	11,5	25,5	34,5	22	15	10
D405 12-1/2	12	R1/2	14,0	28,5	34,5	22	15	10
D405 14-1/2	14	R1/2	14,0	30,0	38,0	27	17	10
D405 15-1/2	15	R1/2	14,0	30,0	38,0	27	17	10
D405 16-1/2	16	R1/2	14,0	31,5	39,5	30	19	10
D405 18-1/2	18	R1/2	14,0	34,0	44,0	32	22	10

D407

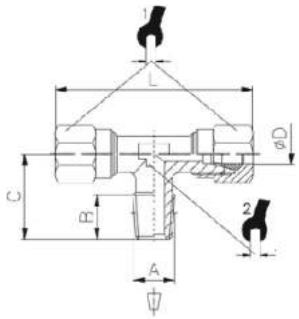
UNION ELBOW / **ÉQUERRE DOUBLE** / *L INTERMEDIO*



CODE	ØD	L	1	2	min.pcs.
D407 4	4,0	21,0	10	9	10
D407 6	6,0	23,0	12	9	10
D407 8	8,0	24,0	14	11	10
D407 10	10,0	32,0	19	13	10
D407 12	12,0	34,5	22	15	10
D407 14	14,0	38,0	27	17	10
D407 15	15,0	38,0	27	17	10
D407 16	16,0	39,5	30	19	10
D407 18	18,0	44,0	32	22	10

D409

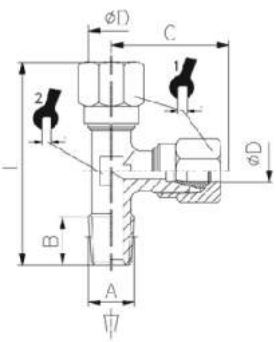
MALE TEE / **T MALE CENTRAL** / *T MASCHIO CENTRALE*



CODE	ØD	A	B	C	L	1	2	min.pcs.
D409 4-1/8	4,0	R1/8	8,0	16,0	42,0	10	9	10
D409 6-1/8	6,0	R1/8	8,0	16,0	46,0	12	9	10
D409 6-1/4	6,0	R1/4	11,0	20,0	48,0	12	11	10
D409 8-1/8	8,0	R1/8	8,0	17,0	48,0	14	11	10
D409 8-1/4	8,0	R1/4	11,0	20,0	48,0	14	11	10
D409 8-3/8	8,0	R3/8	11,5	24,0	54,0	14	13	10
D409 10-1/4	10,0	R1/4	11,0	23,5	64,0	19	13	10
D409 10-3/8	10,0	R3/8	11,5	24,0	64,0	19	13	10
D409 12-3/8	12,0	R3/8	11,5	25,5	69,0	22	15	10
D409 12-1/2	12,0	R1/2	14,0	28,5	69,0	22	15	10
D409 14-1/2	14,0	R1/2	14,0	30,0	76,0	27	17	10
D409 15-1/2	15,0	R1/2	14,0	30,0	76,0	27	17	10
D409 16-1/2	16,0	R1/2	14,0	31,5	79,0	30	19	10
D409 18-1/2	18,0	R1/2	14,0	34,0	88,0	32	22	10

D410

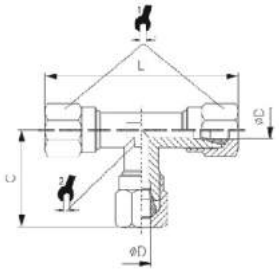
LATERAL MALE TEE / **T MALE LATÉRAL** / *T LATERALE*



CODE	ØD	A	B	C	L	1	2	min.pcs.
D410 4-1/8	4,0	R1/8	8,0	21,0	37,0	10	9	10
D410 6-1/8	6,0	R1/8	8,0	23,0	39,0	10	9	10
D410 6-1/4	6,0	R1/4	11,0	24,5	44,5	12	11	10
D410 8-1/8	8,0	R1/8	8,0	24,0	41,0	14	11	10
D410 8-1/4	8,0	R1/4	11,0	24,0	44,0	14	11	10
D410 8-3/8	8,0	R3/8	11,5	27,0	51,0	14	13	10
D410 10-1/4	10,0	R1/4	11,0	32,0	55,5	19	13	10
D410 10-3/8	10,0	R3/8	11,5	32,0	56,0	19	13	10
D410 12-3/8	12,0	R3/8	11,5	34,5	60,0	22	15	10
D410 12-1/2	12,0	R1/2	14,0	34,5	63,0	22	15	10
D410 14-1/2	14,0	R1/2	14,0	38,0	68,0	27	17	10
D410 15-1/2	15,0	R1/2	14,0	38,0	68,0	27	17	10
D410 16-1/2	16,0	R1/2	14,0	39,5	71,0	30	19	10
D410 18-1/2	18,0	R1/2	14,0	44,0	78,0	32	22	10

D408

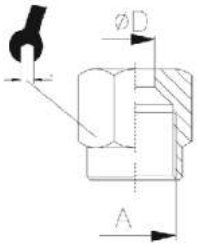
UNION TEE / **T** / *T INTERMEDIO*



CODE	ØD	C	L	χ^1	χ^2	min.pcs.
D408 4	4,0	21,0	42,0	10	9	10
D408 6	6,0	23,0	46,0	12	9	10
D408 8	8,0	24,0	48,0	14	11	10
D408 10	10,0	32,0	64,0	19	13	10
D408 12	12,0	34,5	69,0	22	15	10
D408 14	14,0	38,0	76,0	27	17	10
D408 15	15,0	38,0	76,0	27	17	10
D408 16	16,0	39,5	79,0	30	19	10
D408 18	18,0	44,0	88,0	32	22	10

D411

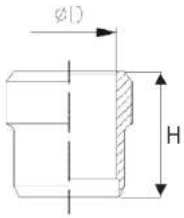
NUT / **ECROU** / *DADO*



CODE	ØD	A	χ^1	min.pcs.
D411 4	4,0	M8x1	10	10
D411 6	6,0	M10x1	12	10
D411 8	8,0	M12x1	14	10
D411 10	10,0	M16x1,5	19	10
D411 12	12,0	M18x1,5	22	10
D411 14	14,0	M22x1,5	27	10
D411 15	15,0	M22x1,5	27	10
D411 16	16,0	M24x1,5	30	10
D411 18	18,0	M26x1,5	32	10

D412

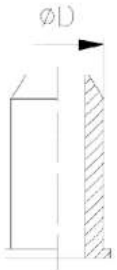
CONE / **OLIVE** / *CONO*



CODE	ØD	H	min.pcs.
D412 4	4,0	6,0	10
D412 6	6,0	7,0	10
D412 8	8,0	7,0	10
D412 10	10,0	10,0	10
D412 12	12,0	10,0	10
D412 14	14,0	10,0	10
D412 15	15,0	10,0	10
D412 16	16,0	10,0	10
D412 18	18,0	10,5	10

D414

INTERNAL SUPPORT / **FOURRURE** / *ANIMA DI RINFORZO*



CODE	ØD1	ØD2	H	min.pcs.
D414 4	2,5	3,5	10,0	10
D414 6	4,0	5,5	12,0	10
D414 8	6,0	7,5	13,0	10
D414 9	6,0	7,5	13,0	10
D414 10	8,0	9,5	14,0	10
D414 12	10,0	11,5	16,0	10
D414 14	12,0	13,5	16,0	10
D414 15	12,5	14,5	17,0	10
D414 16	14,0	15,5	18,0	10

This kind of fittings allow to disconnect in a simple and quick way tube of the main installation without stopping the compressed air.
The range is composed of the Universal series which allow to connect the coupling (called universal) to 3 typologies of couplings with Italian - USA - German profile and Mini series to use when you find reduced capacity and bulks if necessary.

Ce raccord appartient à la famille des coupleurs ,sa connexion ou déconnexion simple est rapide. Le réseau d'air comprimé général de l'usine n est pas coupé lors d'une mise à l'air libre d'une partie du réseau. Chaque installation est autonome.
La gamme se compose du profil Universel qui permet de connecter une vanne (d'où le nom Universel)
Il existe 3 types de profils : Italie - États-Unis Allemand et Mini.
Cette série est idéale lors d'installation où il y a peu d'espace ou il y a besoin de faibles débits.

I raccordi appartenenti a questa categoria consentono di scollegare in modo semplice e rapido la tubazione dall'impianto principale senza dover interrompere il flusso d'aria compressa dalla fonte d'origine.
La gamma è composta dalla serie Universale che permette di collegare all'unico rubinetto (chiamato appunto universale) le 3 tipologie di innesti con profili Italia - Usa - Tedesco e dalla serie Mini da utilizzare dove esistono necessità di ingombri e/o portate ridotte.

ORDERING CODE / **CODIFICATIONS** / *CHIAVE DI CODIFICA*

E 5 0 0 1/8

THREAD SIZE / **TAILLE DE FILETAGE** / *MISURA DEL FILETTO*
1/8 - 1/4 - 3/8 - 1/2
TUBE SIZE / **TAILLE TUBE** / *MISURA TUBO*
4X6 - 6X8 - 8X10 - 10X12 - 6X14 - 7X16 - 8X17 - 10X17 - 10X19

TECHNICAL DATA / **DONNÉES TECHNIQUES** / *DATI TECNICI*

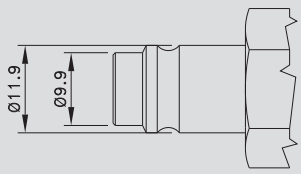
Fluid / **Fluide** / Fluido	Air / **Air** / Aria
Temperature range / **Température d'utilisation** / Temperatura di esercizio	-20°C / +70°C
Max operating pressure / **Pression d'utilisation max.** / Pressione massima di esercizio	10 bar
Material / **Matière** / Materiale	Brass / **Laiton** / Ottone UNI EN 12164 CW 614N Brass / **Laiton** / Ottone UNI EN 12165 CW 617N
Surface used / **Traitement de surface** / Trattamento superficiale	Nickel-plating / **Nickelage** / Nichelatura

AVAILABLE SERIES / **SÉRIES DISPONIBLES** / *SERIE DISPONIBILI*

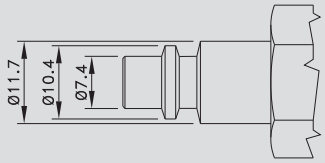
UNIVERSAL SERIES / **PROFIL UNIVERSAL** / *SERIE UNIVERSALE*

Universal series is suitable for Italian, German, Usa, and Swiss profiles
La série Universel peut être adaptée aux profils: Italie, Allemagne, États-Unis, Suisse.
La serie universale è adattabile ai profili: italia, Germania, Usa, Svizzera.

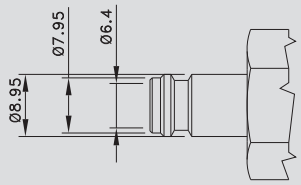
GERMAN SERIES / **PROFIL ALLEMAND** / *SERIE GERMANIA*



ITALIAN SERIES / **PROFIL ITALIEN** / *SERIE ITALIA*



MINI SERIES / **SÉRIES MINI** / *SERIE MINI*



E501

UNIVERSAL MALE QUICK COUPLER / **COUPLEUR UNIVERSEL MALE** / *ATTACCO RAPIDO UNIVERSALE MASCHIO*

CODE	Thread	L		min.pcs.
E501 1/8	1/8	55,0	17	10
E501 1/4	1/4	58,0	19	10
E501 3/8	3/8	54,0	19	10
E501 1/2	1/2	56,5	22	10

E502

UNIVERSAL FEMALE QUICK COUPLER / **COUPLEUR UNIVERSEL FEMELLE** / *ATTACCO RAPIDO UNIVERSALE FEMMINA*

CODE	Thread	L		min.pcs.
E502 1/8	1/8	57,0	17	10
E502 1/4	1/4	57,0	19	10
E502 3/8	3/8	57,5	19	10
E502 1/2	1/2	57,5	19	10

E503

UNIVERSAL HOSE CONNECTOR QUICK COUPLER / **COUPLEUR UNIVERSEL DOUILLE CANNELÉE**
ATTACCO RAPIDO UNIVERSALE PORTAGOMMA

CODE	Tube	L		min.pcs.
E503 6x14	6x14	72,5	19	10
E503 7x16	7x16	72,5	19	10
E503 8x17	8x17	72,5	19	10
E503 10x17	10x17	74,5	19	10
E503 10x19	10x19	76,5	19	10

E504

UNIVERSAL QUICK COUPLER WITH SPRING / **COUPLEUR UNIVERSEL AVEC RESSORT**
ATTACCO RAPIDO UNIVERSALE CON MOLLA

CODE	Tube	L		min.pcs.
E504 4x6	4x6	140,0	19	10
E504 6x8	6x8	148,0	19	10
E504 8x10	8x10	148,0	22	10
E504 10x12	10x12	160,0	19	10

E505

UNIVERSAL QUICK COUPLER WITH BARD / **COUPLEUR UNIVERSEL DOUILLE CANNELÉE** / *ATTACCO RAPIDO A RESCA*

CODE	Tube	L		min.pcs.
E505 6	6 mm	60,0	19	10
E505 8	8 mm	62,0	19	10
E505 10	10 mm	64,0	22	10
E505 12	12 mm	64,0	22	10

E511

MALE CONNECTOR ITALIAN SERIES / **CONNECTEUR MALE PROFIL ITALIEN** / *INNESTO RAPIDO MASCHIO PROFILO ITALIANO*

CODE	Thread	L		min.pcs.
E511 1/8	1/8	36,0	13	10
E511 1/4	1/4	36,0	14	10
E511 3/8	3/8	38,0	17	10

E512

FEMALE CONNECTOR ITALIAN SERIES / **CONNECTEUR FEMELLE PROFIL ITALIEN**
INNESTO RAPIDO FEMMINA PROFILO ITALIANO

CODE	Thread	L		min.pcs.
E512 1/8	1/8	29,0	13	10
E512 1/4	1/4	37,5	15	10
E512 3/8	3/8	39,5	19	10
E512 1/2	1/2	40,5	22	10

E513

ITALIAN SERIES WITH HOSE CONNECTOR / **CONNECTEUR DOUILLE CANNELÉE PROFIL ITALIEN**
INNESTO RAPIDO PROFILO ITALIANO PORTAGOMMA

CODE	Tube	L		min.pcs.
E513 6x14	6x14	72,5	19	10
E513 7x16	7x16	72,5	19	10
E513 8x17	8x17	72,5	19	10
E513 10x17	10x17	72,5	19	10
E513 10x19	10x19	72,5	19	10

E514

CONNECTOR ITALIAN SERIES WITH SPRING / **CONNECTEUR PROFIL ITALIEN AVEC RESSORT**
INNESTO RAPIDO PROFILO ITALIANO CON MOLLA

CODE	Tube	L		min.pcs.
E514 4x6	4x6	112,0	12	10
E514 6x8	6x8	129,0	13	10
E514 8x10	8x10	128,0	13	10
E514 10x12	10x12	131,0	15	10

E521

MALE CONNECTOR GERMAN SERIES / **CONNECTEUR MALE PROFIL ALLEMAND**
INNESTO RAPIDO MASCHIO PROFILO GERMANIA

CODE	Thread	L		min.pcs.
E521 1/4	1/4	33,5	14	10
E521 3/8	3/8	35,5	17	10

E522

FEMALE CONNECTOR GERMAN SERIES / **CONNECTEUR FEMELLE PROFIL ALLEMAND**
INNESTO RAPIDO FEMMINA PROFILO GERMANIA

CODE	Thread	L		min.pcs.
E522 1/4	1/4	32,5	15	10
E522 3/8	3/8	35,0	19	10

E524

CONNECTOR GERMAN SERIES WITH SPRING / **CONNECTEUR PROFIL ALLEMAND AVEC RESSORT**
INNESTO RAPIDO PROFILO GERMANIA CON MOLLA

CODE	Tube	L		min.pcs.
E524 6x8	6x8	128,0	13	10
E524 8x10	8x10	128,0	13	10

E541

MINI MALE QUICK COUPLER / **MINI COUPLEUR MALE** / *ATTACCO RAPIDO MASCHIO SERIE MINI*

CODE	Thread	L		min.pcs.
E541 1/8	1/8	36,5	14	10
E541 1/4	1/4	38,0	15	10

E542

MINI FEMALE QUICK COUPLER / **MINI COUPLEUR FEMELLE** / *ATTACCO RAPIDO FEMMINA SERIE MINI*

CODE	Thread	L		min.pcs.
E542 1/8	1/8	40,5	15	10
E542 1/4	1/4	40,5	15	10

E543

MINI QUICK COUPLER WITH SPRING / **MINI COUPLEUR AVEC RESSORT** / *ATTACCO RAPIDO CON MOLLA SERIE MINI*

CODE	Tube	L		min.pcs.
E543 4x6	4x6	112,0	14	10
E543 6x8	6x8	135,0	14	10

E547

MINI PUSH-ON QUICK COUPLER / **MINI COUPLEUR AVEC RACCORDS À COIFFE**
ATTACCO RAPIDO A CALZAMENTO SERIE MINI

CODE	Tube	L		min.pcs.
E547 4x6	4x6	43,0	14	10
E547 6x8	6x8	45,0	15	10

E549

MINI QUICK COUPLER TO PASS WALL / **MINI COUPLEUR TRAVERÉE DE CLUISON**
ATTACCO RAPIDO PASSAPARETE SERIE MINI

CODE	Tube	L		min.pcs.
E549 4x6	4x6	55,0	14	10

E544

MINI MALE CONNECTOR / **MINI CONNECTEUR MALE** / *INNESTO MASCHIO SERIE MINI*

CODE	Thread	L		min.pcs.
E544 1/8	1/8	25,5	12	10
E544 1/4	1/4	28,5	14	10

E545

MINI FEMALE CONNECTOR / **MINI CONNECTEUR FEMELLE** / *INNESTO FEMMINA SERIE MINI*

CODE	Thread	L		min.pcs.
E545 1/8	1/8	24,5	12	10
E545 1/4	1/4	28,0	15	10

E546

MINI CONNECTOR WITH SPRING / **MINI CONNECTEUR AVEC RESSORT** / *INNESTO CON MOLLA SERIE MINI*

CODE	Tube	L		min.pcs.
E546 4x6	4x6	102,0	12	10
E546 6x8	6x8	120,0	12	10

E548

MINI PUSH-ON CONNECTOR / **MINI CONNECTEUR RACCORDS À COIFFE** / *INNESTO A CALZAMENTO SERIE MINI*

CODE	Tube	L		min.pcs.
E548 4x6	4x6	35,0	12	10
E548 6x8	6x8	37,0	14	10

ECOPA TUBES
TUBES ECOPA
TUBI ECOPA

The innovative ECOPA tube, allows the combination of best chemical and physical features of Polyurethane and Polyamide in a unique product. ECOPA tubes, realized with a special compound of Polyurethane and Polyamide, guarantee:

- High flexibility
- Excellent bending radiuses (same as PU Sh98A)
- Very good tolerances (similar to a PA12 PHL)
- Good hydrolysis resistance (same as PA12 PHL)
- Good chemical resistance (higher than a PU Sh98A)
- Excellent temperature resistance (higher than a PU Sh98A)

Thanks to its very tight bending radiuses, high pressures up to 12 bar (rather than standard 8 bar for Polyurethane) and their easy mounting on fittings (especially with push-in ones), these tubes are suitable for the usage into the industrial pneumatic automation market.

Le tube innovant ECOPA, permet de combiner les meilleures caractéristiques chimiques et physiques du Polyuréthane et du Polyamide dans un produit unique.
Les tubes ECOPA, réalisés avec un composé spécial de Polyuréthane et de Polyamide, garantissent:

- **Grande flexibilité**
- **Excellents rayons de courbure (identiques au PU Sh98A)**
- **Très bonnes tolérances (similaires à un PA12 PHL)**
- **Bonne résistance à l'hydrolyse (identique à PA12 PHL)**
- **Bonne résistance chimique (supérieure à celle d'un PU Sh98A)**
- **Excellente résistance à la température (supérieure à celle d'un PU Sh98A)**

Grâce à leurs rayons de courbure très étroits, à des pressions élevées jusqu'à 12 bars (au lieu de 8 bars standard pour le Polyuréthane) et à leur montage facile sur les raccords (en particulier avec des raccords instantanés), ces tubes conviennent parfaitement au marché de l'automatisation industrielle pneumatique.

L'innovativo tubo ECOPA, consente di combinare le migliori caratteristiche fisiche e chimiche del Poliuretano e della Poliammide in un unico prodotto.
I tubi ECOPA, realizzati con un'esclusiva mescola di Poliuretano e Poliammide, garantiscono:

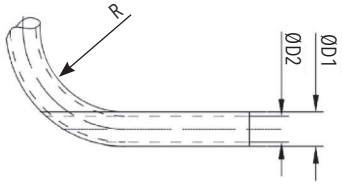
- *Elevata flessibilità*
- *Ottimi raggi di curvatura (uguale a un PU sh98 A)*
- *Buone tolleranze (simile a un PA12 PHL)*
- *Resistenza all'acqua (uguale a un PA12 PHL)*
- *Discreta resistenza agli agenti chimici (superiore a un PU sh98 A)*
- *Ottima resistenza alla temperatura (superiore a un PU sh98 A)*

Grazie ai raggi di curvatura molto ristretti, alle pressioni fino a 12 bar (rispetto agli 8 bar del Poliuretano) e un'ottima maneggevolezza nei montaggi (grazie al perfetto inserimento nei raccordi ad innesto rapido), questi tubi risultano ideali per il mercato della pneumatica industriale.

TECHNICAL DATA / **DONNÉES TECHNIQUES** / *DATI TECNICI*

Fluid / **Fluide** / *Fluido*	Air / **Air** / *Aria*	
Temperature range / **Température d'utilisation** / *Temperatura di esercizio*	-40°C / +100°C	
Tubes length / **Tubes Longueur** / *Lunghezza tubi*	100 mt - box: 25mt	
Tolerance on external diameter / **Tolérances sur le diamètre extérieur** / *Tolleranze sul diametro esterno*	4 ÷ 12 mm 12 ÷ 14 mm	+/- 0,10 mm +/- 0,15 mm

PC100



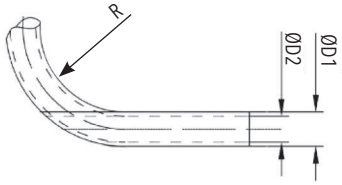
100 MT ROLL / **COURONNE 100 MT** / *ROTOLO DA 100 MT*

CODE	D1	D2	R	PU	PS	Mt	Colors
PC100-0402 (1)	4	2	10 mm	29 bar	88 bar	100	○ ● ●
PC100-0425 (1)	4	2,5	10 mm	22 bar	65 bar	100	○ ● ●
PC100-0604 (1)	6	4	15 mm	19 bar	57 bar	100	○ ● ●
PC100-0806 (1)	8	6	25 mm	16 bar	47 bar	100	○ ● ●
PC100-1008 (1)	10	8	35 mm	12 bar	36 bar	100	○ ● ●
PC100-1209 (1)	12	9	45 mm	13 bar	40 bar	100	○ ● ●
PC100-1410 (1)	14	10	50 mm	16 bar	47 bar	100	○ ●

R= Ray of curve (23°C) / **Rayon de courbure (bar 23 ° C)** / *Raggio di curva (bar 23°C)*
PU= Use pressure (23°C) / **Pression de service (bar 23 ° C)** / *Pressione di utilizzo (bar 23°C)*
PS= Burst pressure (23°C) / **Pression d'éclatement (23 ° C)** / *Pressione di scoppio (23°C)*

(1) Colors / **Couleur** / *Colori*= N: Neutral / **Neutre** / *Neutro*
B: Black / **Noir** / *Nero*
A: Light blue / **Bleu** / *Azzurro*

PC025



BOX OF 25 MT / **BOITE DE 25 MT** / *SCATOLA DA 25 MT*

CODE	D1	D2	R	PU	PS	Mt	Color
PC025-0402 (1)	4	2	10 mm	29 bar	88 bar	25	○ ● ●
PC025-0425 (1)	4	2,5	10 mm	22 bar	65 bar	25	○ ● ●
PC025-0604 (1)	6	4	15 mm	19 bar	57 bar	25	○ ● ●
PC025-0806 (1)	8	6	25 mm	16 bar	47 bar	25	○ ● ●
PC025-1008 (1)	10	8	35 mm	12 bar	36 bar	25	○ ● ●
PC025-1209 (1)	12	9	45 mm	13 bar	40 bar	25	○ ● ●
PC025-1410 (1)	14	10	50 mm	16 bar	47 bar	25	○ ●

R= Ray of curve (23°C) / **Rayon de courbure (bar 23 ° C)** / *Raggio di curva (bar 23°C)*
PU= Use pressure (23°C) / **Pression de service (bar 23 ° C)** / *Pressione di utilizzo (bar 23°C)*
PS= Burst pressure (23°C) / **Pression d'éclatement (23 ° C)** / *Pressione di scoppio (23°C)*

(1) Colors / **Couleur** / *Colori*: N: Neutral / **Neutre** / *Neutro*
B: Black / **Noir** / *Nero*
A: Light blue / **Bleu** / *Azzurro*

POLYAMIDE 10.12 (PA12) TUBES
TUBI POLYAMIDE 10.12 (PA12)
TUBI POLIAMIDE 10.12 (PA12)

Chemical characteristics of PA10.12 tube, make it completely overlapping either on PA11 as well as on PA12 ones.
For this reason, PA10.12 tube is used either into the automotive industry as well as into more stressful industrial application, offering:

- Very good dimensional stability
- Very good chemical and mechanical resistances
- Wide temperature range
- Excellent hydrolysis resistance
- High flexibility

Les caractéristiques chimiques du tube PA10.12 se chevauchent complètement, que ce soit sur le PA11 ou sur le PA12.
Pour cette raison, le tube PA10.12 est utilisé dans l'industrie automobile ainsi que dans des applications industrielles plus stressantes, offrant:

- **Très bonne stabilité dimensionnelle**
- **Très bonnes résistances chimiques et mécaniques**
- **Large température de fonctionnement**
- **Excellente résistance à l'hydrolyse**
- **Grande flexibilité**

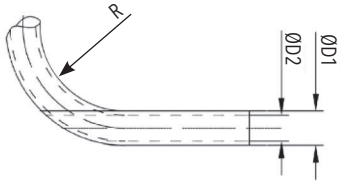
Le caratteristiche chimiche del PA10.12, lo rendono del tutto sovrapponibile sia a quelli realizzati in PA11 che in PA12.
Per questo motivo, il tubo in PA10.12 è impiegato sia nell'industria automotive che nelle applicazioni industriali più stressanti, offrendo:

- *Ottima stabilità dimensionale*
- *Ottima resistenza chimica e meccanica*
- *Larga temperatura di esercizio*
- *Eccellente resistenza all'idrolisi*
- *Grande Flessibilità*

TECHNICAL DATA / **DONNÉES TECHNIQUES** / *DATI TECNICI*

Fluid / **Fluide** / *Fluido*	Air / **Air** / *Aria*
Temperature range / **Température d'utilisation** / *Temperatura di esercizio*	-60°C / +130°C
Tubes length / **Tubes Longueur** / *Lunghezza tubi*	100 mt - box: 25mt
Tolerance on external diameter / **Tolérances sur le diamètre extérieur** / *Tolleranze sul diametro esterno*	3 ÷ 10 mm +/- 0,10 mm 11 ÷ 19 mm +/- 0,15 mm

PA100



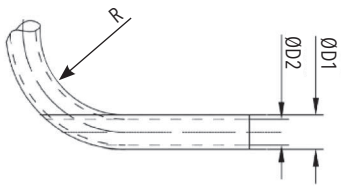
100 MT ROLL / **COURONNE 100 MT** / *ROTOLO DA 100 MT*

CODE	D1	D2	R	PU	PS	Mt	Color
PA100-0402 (1)	4	2	15 mm	47 bar	141 bar	100	○ ● ●
PA100-0425 (1)	4	2,5	20 mm	32 bar	96 bar	100	○ ● ●
PA100-0427 (1)	4	2,7	25 mm	27 bar	81 bar	100	○ ● ●
PA100-0604 (1)	6	4	35 mm	28 bar	84 bar	100	○ ● ●
PA100-0806 (1)	8	6	40 mm	20 bar	60 bar	100	○ ● ●
PA100-1008 (1)	10	8	60 mm	16 bar	48 bar	100	○ ● ●
PA100-1210 (1)	12	10	85 mm	13 bar	39 bar	100	○ ● ●
PA100-1412 (1)	14	12	95 mm	11 bar	33 bar	100	○ ●
PA100-151A (1)	15	12,5	95 mm	13 bar	39 bar	100	○ ●
PA100-1612 (1)	16	12	150 mm	20 bar	60 bar	100	○ ●
PA100-2218 (1)	22	18	200 mm	14 bar	42 bar	100	○ ●

R= Ray of curve (23°C) / **Rayon de courbure (bar 23 ° C)** / *Raggio di curva (bar 23°C)*
PU= Use pressure (23°C) / **Pression de service (bar 23 ° C)** / *Pressione di utilizzo (bar 23°C)*
PS= Burst pressure (23°C) / **Pression d'éclatement (23 ° C)** / *Pressione di scoppio (23°C)*

(1) Colors / **Couleur** / *Colori*:
N: Neutral / **Neutre** / *Neutro*
B: Black / **Noir** / *Nero*
A: Light blue / **Bleu** / *Azzurro*

PA025



BOX OF 25 MT / **BOITE DE 25 MT** / *SCATOLA DA 25 MT*

CODE	D1	D2	R	PU	PS	Mt	Color
PA025-0427 (1)	4	2,7	25 mm	27 bar	81 bar	25	○ ● ●
PA025-0604 (1)	6	4	35 mm	28 bar	84 bar	25	○ ● ●
PA025-0806 (1)	8	6	40 mm	20 bar	60 bar	25	○ ● ●
PA025-1008 (1)	10	8	60 mm	16 bar	48 bar	25	○ ● ●
PA025-1210 (1)	12	10	85 mm	13 bar	39 bar	25	○ ● ●

R= Ray of curve (23°C) / **Rayon de courbure (bar 23 ° C)** / *Raggio di curva (bar 23°C)*
PU= Use pressure (23°C) / **Pression de service (bar 23 ° C)** / *Pressione di utilizzo (bar 23°C)*
PS= Burst pressure (23°C) / **Pression d'éclatement (23 ° C)** / *Pressione di scoppio (23°C)*

(1) Colors / **Couleur** / *Colori*:
N: Neutral / **Neutre** / *Neutro*
B: Black / **Noir** / *Nero*
A: Light blue / **Bleu** / *Azzurro*

POLYURETHANE Sh. A98 TUBES
TUBES POLYURETHANE Sh. A98
TUBI POLIURETANO Sh. A98

Polyurethane is a very versatile material and can be used in several fields: production of plastic films, shoe sole, sports equipment, etc. thanks to its extreme resistance to abrasion and its flexibility.

- Excellent abrasion resistance
- Exceptional flexibility (very low E module) even at low temperatures (-40°C)
- Excellent resistance to tearing, cutting and perforation
- Discrete mechanical performances
- Low possibility of kinking thanks to the achievable bending radii
- Good transparency
- Resistant to oils and greases

Le polyuréthane est un matériau très polyvalent et peut être utilisé dans plusieurs domaines: production de films plastiques, semelles de chaussures, équipements sportifs, etc. grâce à son extrême résistance à l'abrasion et à sa flexibilité.

- **Excellente résistance à l'abrasion**
- **Flexibilité exceptionnelle (module E très faible) même à basses températures (-40 ° C)**
- **Excellente résistance à la déchirure, au découpage et à la perforation**
- **Performances mécaniques discrètes**
- **Faible possibilité de déformation grâce aux rayons de courbure réalisables**
- **Bonne transparence**
- **Résistant aux huiles et graisses**

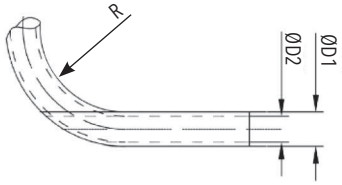
Il Poliuretano è un materiale molto versatile e trova applicazione nei più svariati settori: produzione di film plastici, suola delle calzature, attrezzature sportive, ecc. grazie alla estrema resistenza all'abrasione e alla sua flessibilità.

- *Eccellente resistenza all'abrasione*
- *Eccezionale flessibilità (Modulo E molto basso) anche alle basse temperature (-40°C)*
- *Ottima resistenza alla lacerazione, al taglio e alla perforazione*
- *Discrete prestazioni meccaniche*
- *Bassa possibilità di kinking grazie agli stetti raggi di curvatura ottenibili*
- *Buona trasparenza*
- *Resistente agli oli e ai grassi*

TECHNICAL DATA / **DONNÉES TECHNIQUES** / *DATI TECNICI*

Fluid / **Fluide** / *Fluido*	Air / **Air** / *Aria*
Temperature range / **Température d'utilisation** / *Temperatura di esercizio*	-40°C / +60°C
Tubes length / **Tubes Longueur** / *Lunghezza tubi*	100 mt - box: 25mt
Tolerance on external diameter / **Tolérances sur le diamètre extérieur** / *Tolleranze sul diametro esterno*	4 ÷ 8 mm +/- 0,10 mm 10 ÷ 12 mm +/- 0,15 mm

PU100



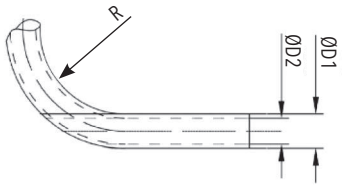
100 MT ROLL / **COURONNE 100 MT** / *ROTOLO DA 100 MT*

CODE	D1	D2	R	PU	PS	Mt	Color
PU100-0402 (1)	4	2	15 mm	22 bar	67 bar	100	○ ● ●
PU100-0425 (1)	4	2,5	10 mm	15 bar	46 bar	100	○ ● ●
PU100-0604 (1)	6	4	20 mm	13 bar	40 bar	100	○ ● ●
PU100-0855 (1)	8	5,5	35 mm	14 bar	41 bar	100	○ ●
PU100-1007 (1)	10	7	25 mm	12 bar	35 bar	100	○ ●
PU100-1075 (1)	10	7,5	30 mm	10 bar	29 bar	100	○ ●
PU100-1209 (1)	12	9	45 mm	10 bar	29 bar	100	○ ● ●

R= Ray of curve (23°C) / **Rayon de courbure (bar 23 ° C)** / *Raggio di curva (bar 23°C)*
PU= Use pressure (23°C) / **Pression de service (bar 23 ° C)** / *Pressione di utilizzo (bar 23°C)*
PS= Burst pressure (23°C) / **Pression d'éclatement (23 ° C)** / *Pressione di scoppio (23°C)*

(1) Colors / **Couleur** / *Colori*:
N: Neutral / **Neutre** / *Neutro*
B: Black / **Noir** / *Nero*
A: Light blue / **Bleu** / *Azzurro*

PU025



BOX OF 25 MT / **BOITE DE 25 MT** / *SCATOLA DA 25 MT*

CODE	D1	D2	R	PU	PS	Mt	Color
PU025-0402 (1)	4	2	15 mm	22 bar	67 bar	25	○ ● ●
PU025-0425 (1)	4	2,5	10 mm	15 bar	46 bar	25	○ ● ●
PU025-0604 (1)	6	4	20 mm	13 bar	40 bar	25	○ ● ●
PU025-0855 (1)	8	5,5	35 mm	14 bar	41 bar	25	○ ●
PU025-1075 (1)	10	7,5	30 mm	10 bar	29 bar	25	○ ●
PU025-1209 (1)	12	9	45 mm	10 bar	29 bar	25	○ ● ●

R= Ray of curve (23°C) / **Rayon de courbure (bar 23 ° C)** / *Raggio di curva (bar 23°C)*
PU= Use pressure (23°C) / **Pression de service (bar 23 ° C)** / *Pressione di utilizzo (bar 23°C)*
PS= Burst pressure (23°C) / **Pression d'éclatement (23 ° C)** / *Pressione di scoppio (23°C)*

(1) Colors / **Couleur** / *Colori*:
N: Neutral / **Neutre** / *Neutro*
B: Black / **Noir** / *Nero*
A: Light blue / **Bleu** / *Azzurro*

POLYETHYLENE TUBES
TUBES POLYÉTHYLÈNE
TUBI POLIETILENE

Polyethylene is used in cost-saving applications, where a very low level of performance is required, such as: production of plastic shopping bags, water discharge pipes, packaging films, low pressure pipes (below 5 bars).

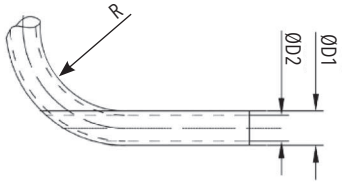
Le polyéthylène est utilisé dans des applications économiques, nécessitant un niveau de performance très bas, telles que: production de sacs à provisions en plastique, tuyaux de décharge d'eau, films d'emballage, tuyaux à basse pression (inférieurs à 5 bars).

Il Polietilene è utilizzato nelle applicazioni volte al contenimento dei costi, con un livello richiesto di prestazioni molto basso, come: produzione d i sacchetti di plastica per la spesa, tubi di scarico delle acque, film per packaging, tubi per basse pressioni (sotto i 5 bars):

TECHNICAL DATA / **DONNÉES TECHNIQUES** / *DATI TECNICI*

Fluid / **Fluide** / *Fluido*	Air / **Air** / *Aria*
Temperature range / **Température d'utilisation** / *Temperatura di esercizio*	-10°C / +60°C
Tubes length / **Tubes Longueur** / *Lunghezza tubi*	100 mt - box: 25mt
Tolerance on external diameter / **Tolérances sur le diamètre extérieur** / *Tolleranze sul diametro esterno*	4 ÷ 10 mm +/- 0,20 mm 11 ÷ 12 mm +/- 0,30 mm

PE100



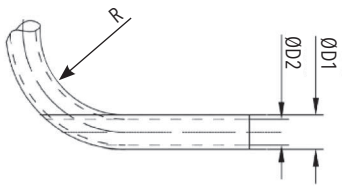
100 MT ROLL / **COURONNE 100 MT** / *ROTOLO DA 100 MT*

CODE	D1	D2	R	PU	PS	Mt	Color
PE100-0402 (1)	4	2	18 mm	21 bar	63 bar	100	
PE100-0604 (1)	6	4	30 mm	13 bar	38 bar	100	
PE100-0806 (1)	8	6	40 mm	9 bar	27 bar	100	
PE100-1008 (1)	10	8	60 mm	7 bar	21 bar	100	
PE100-1210 (1)	12	10	80 mm	6 bar	17 bar	100	

R= Ray of curve (23°C) / **Rayon de courbure (bar 23 ° C)** / *Raggio di curva (bar 23°C)*
PU= Use pressure (23°C) / **Pression de service (bar 23 ° C)** / *Pressione di utilizzo (bar 23°C)*
PS= Burst pressure (23°C) / **Pression d'éclatement (23 ° C)** / *Pressione di scoppio (23°C)*

(1) Colors / **Couleur** / *Colori*:
N: Neutral / **Neutre** / *Neutro*
B: Black / **Noir** / *Nero*
A: Light blue / **Bleu** / *Azzurro*

PE025



BOX OF 25 MT / **BOITE DE 25 MT** / *SCATOLA DA 25 MT*

CODE	D1	D2	R	PU	PS	Mt	Color
PE025-0402 (1)	4	2	18 mm	21 bar	63 bar	25	
PE025-0604 (1)	6	4	30 mm	13 bar	38 bar	25	
PE025-0806 (1)	8	6	40 mm	9 bar	27 bar	25	
PE025-1008 (1)	10	8	60 mm	7 bar	21 bar	25	
PE025-1210 (1)	12	10	80 mm	6 bar	17 bar	25	

R= Ray of curve (23°C) / **Rayon de courbure (bar 23 ° C)** / *Raggio di curva (bar 23°C)*
PU= Use pressure (23°C) / **Pression de service (bar 23 ° C)** / *Pressione di utilizzo (bar 23°C)*
PS= Burst pressure (23°C) / **Pression d'éclatement (23 ° C)** / *Pressione di scoppio (23°C)*

(1) Colors / **Couleur** / *Colori*:
N: Neutral / **Neutre** / *Neutro*
B: Black / **Noir** / *Nero*
A: Light blue / **Bleu** / *Azzurro*

PTFE TUBES
TUBES DE PTFE
TUBI PTFE

PTFE tubes, thanks to the characteristics of the carbon-fluorine bond, are advisable in particular applications, in which are required:

- High operating temperatures
- Resistance to chemical agents
- Low friction coefficient
- Excellent dielectric properties
- Good mechanical properties
- Inalterability
- Excellent resistance to humidity and UV rays

In addition, PTFE tube is not flammable (UL 94 V0), does not age and is not toxic.

Les tubes en PTFE, grâce aux caractéristiques de la liaison carbone-fluor, sont recommandés pour des applications particulières dans lesquelles sont requis:

- **Températures de fonctionnement élevées**
- **Résistance aux agents chimiques**
- **Faible coefficient de frottement**
- **Excellentes propriétés diélectriques**
- **Bonnes propriétés mécaniques**
- **Inaltérabilité**
- **Excellente résistance à l'humidité et aux rayons UV**

De plus, les tubes en PTFE ne sont pas inflammables (UL 94 V0), ne vieillissent pas et ne sont pas toxiques.

I tubi in PTFE, grazie alle caratteristiche del legame carbonio-fluoro, sono consigliabili in applicazioni particolari, in cui sono richieste:

- *Elevate temperature di utilizzo*
- *Resistenza agli agenti chimici*
- *Basso coefficiente di attrito*
- *Eccellenti proprietà dielettriche*
- *Buone proprietà meccaniche*
- *Inalterabilità*
- *Ottima resistenza all'umidità ed ai raggi UV*

Inoltre, il tubo realizzato in PTFE, non è infiammabile (UL 94 V0), non invecchia e non è tossico.

TECHNICAL DATA / **DONNÉES TECHNIQUES** / *DATI TECNICI*

Fluid / **Fluide** / *Fluido*	Air / **Air** / *Aria*
Temperature range / **Température d'utilisation** / *Temperatura di esercizio*	-200°C / +260°C
Tubes length / **Tubes Longueur** / *Lunghezza tubi*	100 mt - box: 25mt
Tolerance on excentration / **Tolérances sur l'excentration**/ *Tolleranze sul decentramento*	0,15 mm

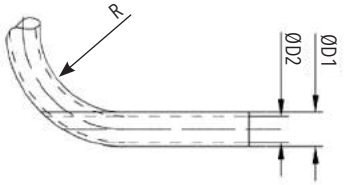
PT050

50 MT ROLL / **COURONNE 50 MT** / *ROTOLO DA 50 MT*

CODE	D1	D2	T	PU	PS	Mt	Color
PT050-0402N	4	2	1 mm	25 bar	76 bar	50	
PT050-0604N	6	4	1 mm	18 bar	54 bar	50	
PT050-0806N	8	6	1 mm	14 bar	42 bar	50	
PT050-1008N	10	8	1 mm	12 bar	35 bar	50	
PT050-1210N	12	10	1 mm	10 bar	29 bar	50	

R= Ray of curve (23°C) / **Rayon de courbure (bar 23 ° C)** / *Raggio di curva (bar 23°C)*
PU= Use pressure (23°C) / **Pression de service (bar 23 ° C)** / *Pressione di utilizzo (bar 23°C)*
PS= Burst pressure (23°C) / **Pression d'éclatement (23 ° C)** / *Pressione di scoppio (23°C)*

Colors / **Couleur** / *Colori*: N: Neutral / **Neutre** / *Neutro*



POLYURETHANE SPIRALES WITH AND WITHOUT FITTINGS
SPIRALES DE POLYURÉTHANE AVEC ET SANS RACCORDS
SPIERALI IN POLIURETANO CON E SENZA RACCORDI

Thanks to the great softness and flexibility of the Polyurethane, the spirals offer maximum maneuverability and a good resistance to abrasion and impact.

Grâce à la grande douceur et à la flexibilité du Polyuréthane, les spirales offrent une maniabilité maximale et une bonne résistance à l'abrasion et aux chocs.

Grazie alla grande morbidezza e flessibilità del poliuretano le spirali offrono la massima maneggevolezza e una buona resistenza all'abrasione e all'urto.

TECHNICAL DATA / **DONNÉES TECHNIQUES** / *DATI TECNICI*

Fluid / **Fluide** / *Fluido*	Air / **Air** / *Aria*
Temperature range / **Température d'utilisation** / *Temperatura di esercizio*	-10°C / +60°C
Tubes length / **Tubes Longueur** / *Lunghezza tubi*	100 mt - box: 25mt
Tolerance on external diameter / **Tolérances sur le diamètre extérieur** / *Tolleranze sul diametro esterno*	4 ÷ 8 mm +/- 0,10 mm 10 ÷ 12 mm +/- 0,15 mm

SPU

PU SPIRALES TUBES Sh 98 Shore WITH TAILS / **SPIRALES POLYURETHANE Sh 98 Shore AVEC QUEUES**
SPIRALI POLIURETANO Sh 98 Shore CON CODOLI

CODE	**Øtube 1**	**Ø tube 2**	Thickness **Épaisseur** *Spessore*	Ø internal spiral **Ø interne spirale** *Ø interno spirale*	Extended length **Longueur étendue** *Lunghezza estesa*	Color **Couleur** *Colore*
SPU-644A	6	4	1 mm	25 mm	4 mt	●
SPU-648A	6	4	1 mm	25 mm	8 mt	●
SPU-8554A	8	5,5	1,25 mm	40 mm	4 mt	●
SPU-8558A	8	5,5	1,25 mm	40 mm	8 mt	●
SPU-1074A	10	7	1,5 mm	50 mm	4 mt	●
SPU-1078A	10	7	1,5 mm	50 mm	8 mt	●
SPU-1284A	12	8	2 mm	60 mm	4 mt	●
SPU-1288A	12	8	2 mm	60 mm	8 mt	●

Colors / **Couleur** / *Colori*: A: Light blue / **Bleu** / *Azzurro*

SPU...R

PU SPIRALES TUBES Sh 98 Shore WITH TURNING FITTINGS AND TAILS / **SPIRALES POLYURETHANE Sh 98 Shore AVEC RACCORDS TOURNANTS ET QUEUES** / *SPIRALI POLIURETANO Sh 98 Shore CON RACCORDI GIREVOLI E CODOLI*

CODE	**Øtube 1**	**Ø tube 2**	Thickness **Épaisseur** *Spessore*	Ø internal spiral **Ø interne spirale** *Ø interno spirale*	Extended length **Longueur étendue** *Lunghezza estesa*	Color **Couleur** *Colore*	Fittings **Raccords** *Raccordi*
SPU-644AR	6	4	1 mm	25 mm	4 mt	●	1/4
SPU-648AR	6	4	1 mm	25 mm	8 mt	●	1/4
SPU-8554AR	8	5,5	1,25 mm	40 mm	4 mt	●	1/4
SPU-8558AR	8	5,5	1,25 mm	40 mm	8 mt	●	1/4
SPU-1074AR	10	7	1,5 mm	50 mm	4 mt	●	1/4
SPU-1078AR	10	7	1,5 mm	50 mm	8 mt	●	1/4
SPU-1284AR	12	8	2 mm	60 mm	4 mt	●	3/8
SPU-1288AR	12	8	2 mm	60 mm	8 mt	●	3/8

Colors / **Couleur** / *Colori*: A: Light blue / **Bleu** / *Azzurro*

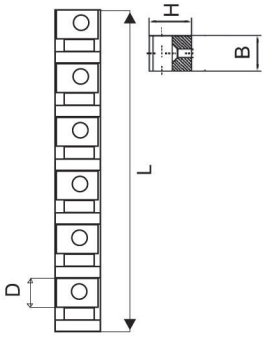
PI

AIR-BLOW GUN / **PISTOLET AIR** / *PISTOLA DI SOFFIAGGIO*

CODE	TYPE / **TYPE** / *TIPO*
PI001	Standard
PI011	Extension / **Avec long tube** / *Con prolunga*

706

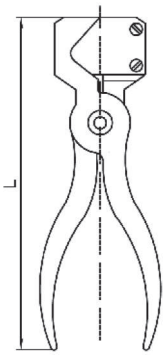
TUBE ANCHORAGE / **FIXATION TUBES** / *FISSATUBI*



CODE	D	L	B	H	pcs.
706004	4,0	185,0	14,0	9,0	10
706006	6,0	215,0	14,0	13,0	10
706008	8,0	235,0	14,0	15,0	10
706010	10,0	275,0	14,0	17,0	10
706012	12,0	305,0	14,0	19,0	10
706015	15,0	276,0	14,0	21,0	10

701

METAL TUBE CUTTER / **PINCE COUPE TUBE MÉTALLIQUE** / *PINZA TAGLIATUBI IN METALLO*



CODE	Ø	L	pcs.
701100	12-14 mm	135,0	1
701200	26-28 mm	185,0	1

TC

PLASTIC TUBE CUTTER / **PINCE COUPE TUBE EN PLASTIQUE** / *TAGLIATUBI IN PLASTICA*

CODE	Ømax	pcs.
TC	12 mm	1