

PUSH-IN FITTINGS  
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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.

**Nástrčné šroubení je definováno tak, že umožňuje připojení hadice ke šroubení „nástrčným“ způsobem bez použití nástrojů.**

**Těsnost hadice je prostřednictvím elastické svorky, která drží trubku na vnější straně průměru a uvolní jej stlačením kleštiny.**

**Tento typ šroubení se používá k urychlení fází montáže, zejména ve sníženém prostoru a časové úspore během připojení různých pneumatických prvků.**

*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 / OBJEDNÁVKOVÝ KÓD / CHIAVE DI CODIFICA

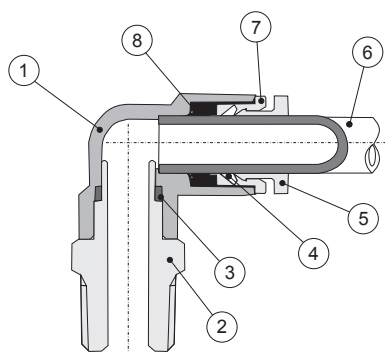
P C 0 6 0 1

THREAD SIZE / VELIKOST ZÁVITU / FILETTO					
M5=M5					
01=1/8					
02=1/4					
03=3/8					
04=1/2					
TUBE DIAMETER / PRŮMĚR HADICE / DIAMETRO TUBO					
04=4mm					
06=6mm					
08=8mm					
10=10mm					
12=12mm					
16=16mm					

## TECHNICAL DATA / TECHNICKÁ DATA / DATI TECNICI

Fluid / Tekutina / Fluido	Air / Vzduch / Aria
Operating temperature range / Rozsah provozních teplot / Temperatura di esercizio	0°C / +60°C
Maximum operating pressure / Maximální provozní tlak / Pressione Massima di esercizio	11 bar
Negative pressure / Podtlak / Pressione negativa	-750 mm Hg (10 torr)
Threads / Velikost závitu / Filettature	PT-thread from 1/8" to 1/2" - G-thread from 1/8" to 1/2" - Metric M5
Recommended tubes / Doporučený materiál hadic / Tubi raccomandati	Polyamide (PA) / Polyuréthane (PU) / Polyethylene (PE)
Tube tolerances / Tolerance hadic / Tolerance tubek	PU Tube +/- 0.02 mm

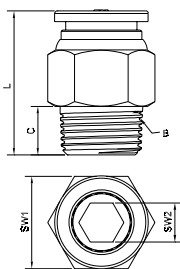
## COMPONENTS / KOMPONENTY / COMPONENTI



DESCRIPTION / POPIS / DESCRIZIONE	MATERIAL / MATERIÁL / MATERIALE
1 body / tělo / corpo	resin (PBT) / pryskyřice (PBT) / resina (PBT)
2 body / tělo / corpo	nickel-plated brass / poniklovaná mosaz / ottone nic.
3 o-ring / O-kroužek / o-ring	NBR
4 lock claws / kleština / pinza di chiusura	steel / ocel / acciaio
5 sleeve / rukáv / colletto	resin (PBT) / pryskyřice (PBT) / resina (PBT)
6 tube / hadice / tubo	PA / PU
7 collar / límeč / colletto	brass / mosaz / ottone
8 o-ring / O-kroužek / o-ring	NBR

PC

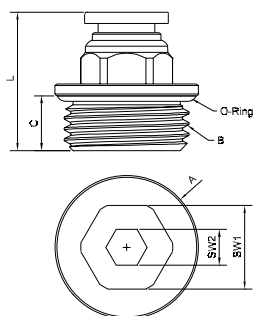
STRAIGHT MALE ADAPTOR TAPER / ŠROUBENÍ PŘÍMÉ VNĚJŠÍ, KUŽEL / DIRITTO MASCHIO CONICO



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

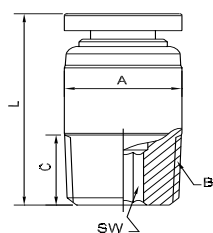
STRAIGHT MALE ADAPTOR PARALLEL / ŠROUBENÍ PŘÍMÉ VNĚJŠÍ, / DIRITTO MASCHIO CILINDRICO



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

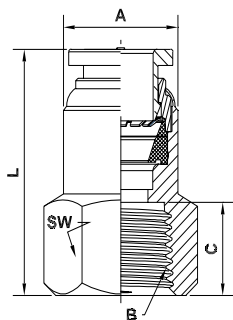
STRAIGHT MALE ADAPTOR INTERNAL HEXAGON / ŠROUBENÍ PŘÍMÉ VNĚJŠÍ, VNITŘNÍ ŠESTIHRAN / DIRITTO MASCHIO CONICO CON BRUGOLA INTERNA



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

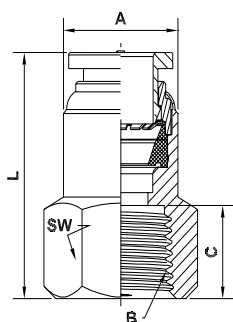
STRAIGHT FEMALE ADAPTOR TAPER / ŠROUBENÍ PŘÍMÉ VNITŘNÍ / DIRITTO FEMMINA CONICO



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

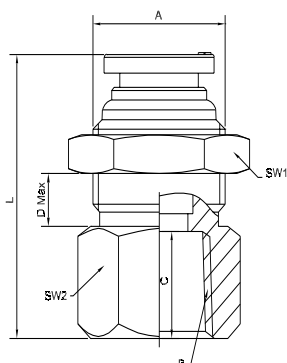
STRAIGHT FEMALE ADAPTOR PARALLEL / ŠROUBENÍ PŘÍMÉ VNITŘNÍ / DIRITTO FEMMINA CILINDRICO



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

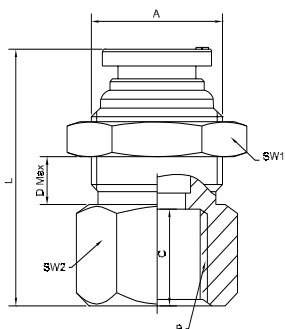
BULKHEAD FEMALE UNION TAPER / ŠROUBENÍ PŘÍMÉ VNITŘNÍ, PŘEPÁŽKOVÉ / PASSAPARETE FEMMINA CONICO



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

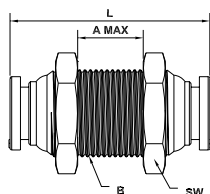
BULKHEAD FEMALE UNION, PARALLEL / ŠROUBENÍ PŘÍMÉ VNITŘNÍ, PŘEPÁŽKOVÉ / PASSAPARETE FEMMINA CILINDRICO



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

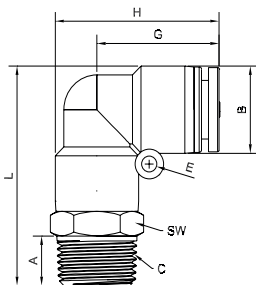
BULKHEAD UNION / PŘEPÁŽKOVÉ ŠROUBENÍ / PASSAPARETE



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

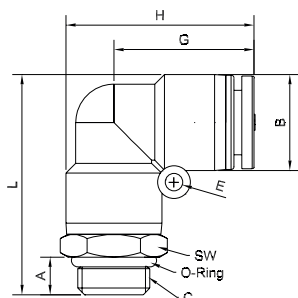
ELBOW CONNECTOR, TAPER / ÚHLOVÉ ŠROUBENÍ L, VNĚJŠÍ / GOMITO MASCHIO CONICO



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

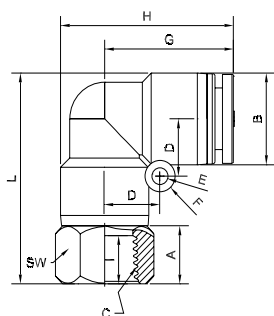
ELBOW CONNECTOR PARALLEL / ÚHLOVÉ ŠROUBENÍ L, VNĚJŠÍ / GOMITO MASCHIO CILINDRICO



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

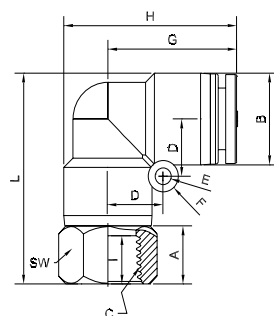
ELBOW FEMALE CONNECTOR TAPER / ÚHLOVÉ ŠROUBENÍ L, VNITŘNÍ / GOMITO FEMMINA CONICO



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

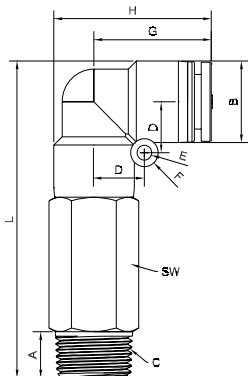
ELBOW FEMALE CONNECTOR PARALLEL / ÚHLOVÉ ŠROUBENÍ L, VNITŘNÍ / GOMITO FEMMINA CILINDRICO



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

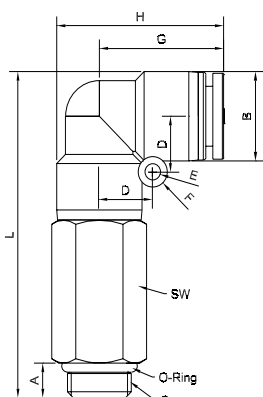
ELBOW CONNECTOR LONG TAPER / ÚHLOVÉ ŠROUBENÍ L, VNĚJŠÍ, PRODLOUŽENÉ / GOMITO LUNGO MASCHIO CONICO



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

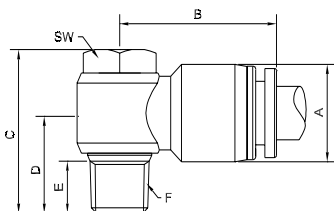
ELBOW CONNECTOR LONG PARALLEL / ÚHLOVÉ ŠROUBENÍ L, VNĚJŠÍ, PRODLOUŽENÉ / GOMITO LUNGO MASCHIO CILINDRICO



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

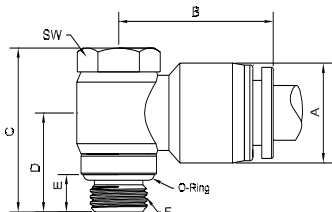
COMPLETE SINGLE BANJO TAPER / ÚHLOVÉ ŠROUBENÍ L, VNĚJŠÍ, BANJO - NÍZKÉ / GOMITO GIREVOLE MASCHIO CONICO



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

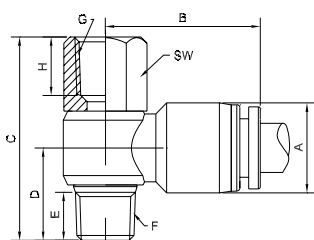
COMPLETE SINGLE BANJO PARALLEL / ÚHLOVÉ ŠROUBENÍ L, VNĚJŠÍ, BANJO - NÍZKÉ / GOMITO GIREVOLE MASCHIO CILINDRICO



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

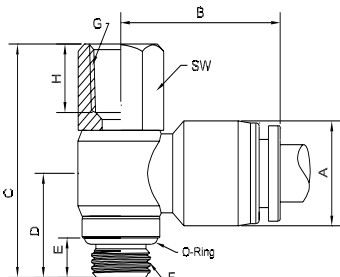
COMPLETE SINGLE FEMALE BANJO TAPER / ÚHLOVÉ ŠROUBENÍ L, VNĚJŠÍ, BANJO - VNĚJŠÍ/VNITŘNÍ / GOMITO GIREVOLE FEMMINA CONICO



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 / ÚHLOVÉ ŠROUBENÍ L, VNĚJŠÍ, BANJO - VNĚJŠÍ/VNITŘNÍ / GOMITO GIREVOLE FEMMINA CILINDRICO

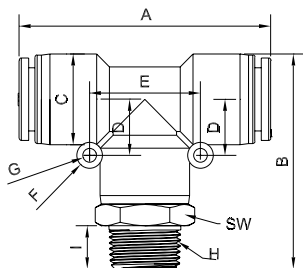


CODE	tube Ø	A	B	C	D	E	F	SW	G	H	min.pcs.
PHF-G 04M5N	4	11	21	24.9	12.2	3.5	M5	8	M5	7	10
PHF-G 0401N	4	11	23	31.5	15	5.5	G1/8	12	G1/8	8	10
PHF-G 0402N	4	11	24.6	32	19.2	6.9	G1/4	17	G1/4	9	10
PHF-G 06M5N	6	13	22.6	24.9	12.2	3.5	M5	8	M5	7	10
PHF-G 0601N	6	13	24.5	31.5	15	5.5	G1/8	12	G1/8	8	10
PHF-G 0602N	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

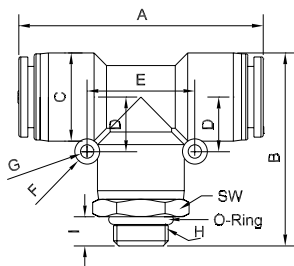
ROTARY TEE ADAPTOR TAPER / OTOČNÉ ŠROUBENÍ T, KUŽELOVÉ / T GIREVOLE MASCHIO CONICO



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

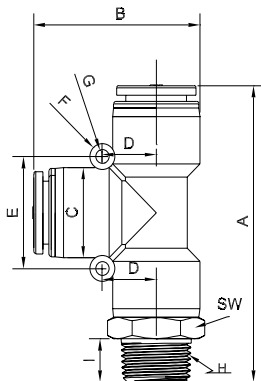
ROTARY TEE ADAPTOR PARALLEL / OTOČNÉ ŠROUBENÍ T / T GIREVOLE MASCHIO CILINDRICO



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

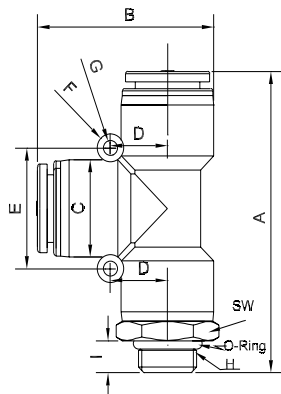
ROTARY TEE LATERAL ADAPTOR TAPER / OTOČNÉ ŠROUBENÍ T / T MASCHIO LATERALE CONICO



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

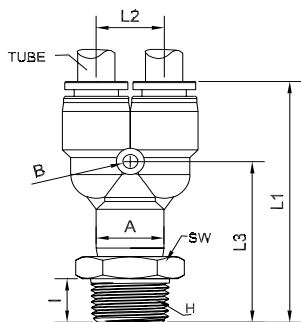
ROTARY TEE LATERAL ADAPTOR PARALLEL / OTOČNÉ ŠROUBENÍ T / MASCHIO LATERALE CILINDRICO



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

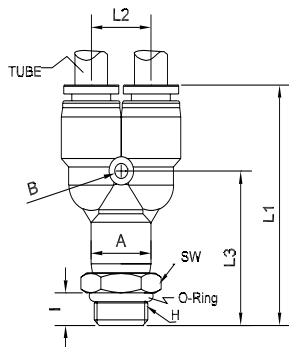
Y ADAPTOR TAPER / OTOČNÉ ŠROUBENÍ Y / MASCHIO CONICO



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

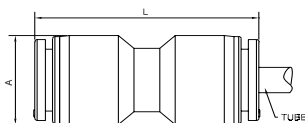
Y ADAPTOR PARALLEL / OTOČNÉ ŠROUBENÍ Y / MASCHIO CILINDRICO



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

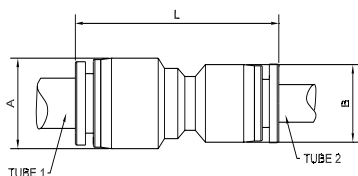
UNION CONNECTOR / ŠROUBENÍ I / INTERMEDIO DIRITTO



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

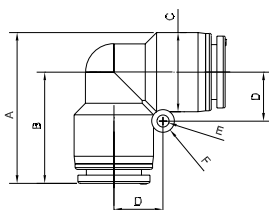
REDUCED UNION CONNECTOR / REDUKCE I / INTERMEDIO DIRITTO CON RIDUZIONE



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

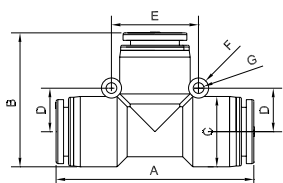
ELBOW CONNECTOR / ŠROUBENÍ L / INTERMEDIO A L



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

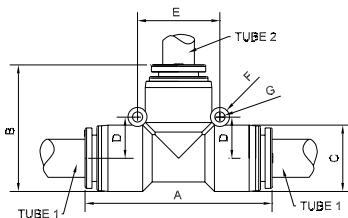
TEE CONNECTOR / ŠROUBENÍ T / INTERMEDIO AT



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**

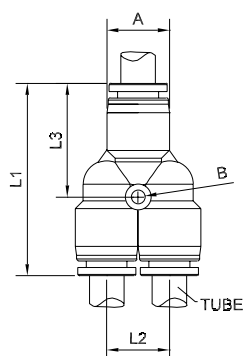
REDUCER TEE CONNECTOR / ŠROUBENÍ T, REDUKCE / INTERMEDIO A TRIDOTTO



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**

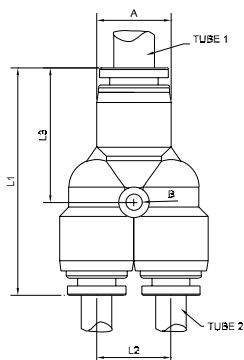
Y CONNECTOR / ŠROUBENÍ Y / INTERMEDIO A Y



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**

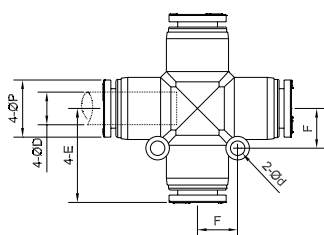
REDUCED Y CONNECTOR / ŠROUBENÍ Y REDUKCE / INTERMEDIO A Y RIDOTTO



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**

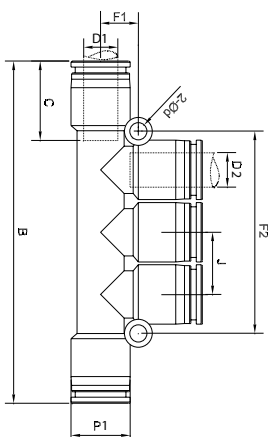
CROSS CONNECTOR / KŘÍŽOVÉ ŠROUBENÍ / GIUNZIONE A CROCE



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

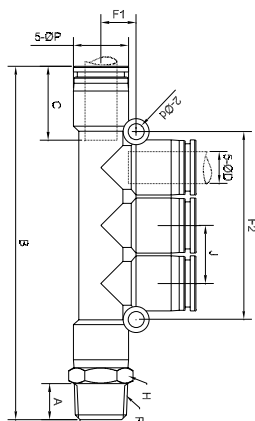
MULTI TEE CONNECTOR / MULTI ŠROUBENÍ / MULTIT



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

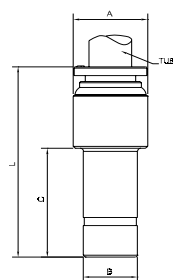
MULTI TEE CONNECTOR TAPER / MULTI ŠROUBENÍ VNĚJŠÍ / MULTIT MASCHIO CONICO



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

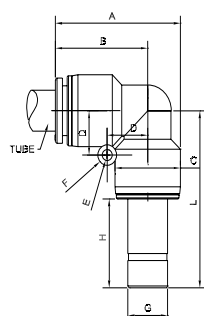
REDUCER / REDUKCE I / RIDUZIONE CODOLO TUBO



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

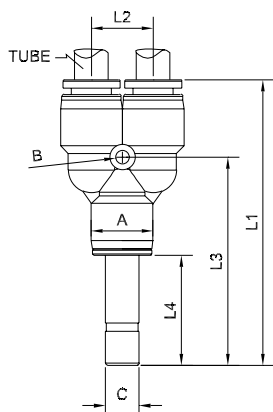
ELBOW WITH STEM / REDUKCE L / CODOLO INTERMEDIO A L



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

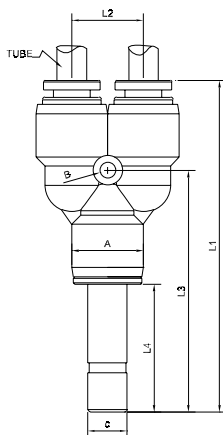
Y WITH STEM / ŠROUBENÍ Y REDUKCE / CODOLO INTERMEDIO A Y



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

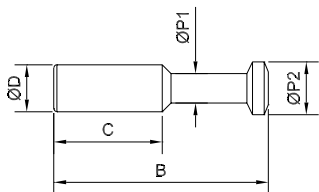
REDUCED Y WITH STEM / ŠROUBENÍ Y REDUKCE / CODOLO INTERMEDIO A Y RIDOTTO



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

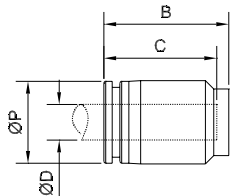
MALE PLUG / ZÁSLEPKA ŠROUBENÍ / TAPPO MASCHIO



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 / ZÁSLEPKA NA HADICI / 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 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.



**Nástrčné šroubení je definováno tak, že umožňuje připojení hadice ke šroubení „nástrčným“ způsobem bez použití nástrojů.**

**Těsnost hadice je prostřednictvím elastické KLEŠTINY, která drží trubku na vnější straně průměru a uvolní jej stlačením opěrného KROUŽKU.**

**Tento typ šroubení se používá k urychlení fází montáže, zejména ve sníženém prostoru a časové úspově během připojení různých pneumatických prvků.**

*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 / OBJEDNÁVKOVÝ KÓD / CHIAVE DI CODIFICA

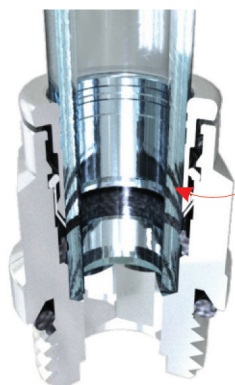
A 1 0 0 6 1/8

tube diameter PRŮMĚR HADICE DIAMETRO TUBO	THREAD SIZE VELIKOST ZÁVITU MISURA DEL FILETTO
4=4mm	M5
5=5mm	M6
6=6mm	M7
8=8mm	1/8
10=10mm	1/4
12=12mm	3/8
14=14mm	1/2
16=16mm	

## TECHNICAL DATA / TECHNICKÁ DATA / DATI TECNICI

Fluid / Tekutina / Fluido	Air / Vzduch / Aria
Operating temperature range / Rozsah provozních teplot / Temperatura di esercizio	-20°C / +80°C
Max operating pressure / Maximální provozní tlak / Pressione massima di esercizio	16 bar
Vacuum / Vakuum / Vuoto	max 98%
Body material / Materiál těla / Materiale corpo	Nickel-plated brass / Poniklovaná mosaz / Ottone nichelato
Gripper clamp / Kleština / Pinza di aggancio	AISI 316L
Ring / Kroužek / Anello	Nickel-plated brass / Poniklovaná mosaz / Ottone nichelato
Seals / Těsnění / Guarnizioni	NBR
Threads / Velikost závitů / Filettature	Parallel DIN EN ISO 228 / Paralelní závit DIN EN ISO 228 / Cilindrico DIN EN ISO 228 Taper DIN EN 10226 (DIN 2999) / Kónický závit DIN EN 10226 (DIN 2999) / Conico DIN EN 10226 Metric DIN ISO 261 / Metrický závit DIN ISO 261 / Metrico DIN ISO 261
Recommended tubes / Doporučené zkumavky / Tubi raccomandati	Polyamide (PA) / Polyamid (PA) / Poliammide (PA) Polyurethane (PU) / Polyurethan (PU) / Poliuretano (PU) Polyethylene (PE) / Polyetylen (PE) / Polietilene (PE)
Tube tolerances / Tolerance trubek / Tolleranza Tubi	PE, PU Tube +/- 0.1 mm / Trubka PE, PU +/- 0,1 mm / Tubo PE, PU +/- 0.1 mm

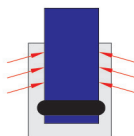
## THE KEY POINTS / KLÍČOVÉ BODY / I PUNTI DI FORZA



The special shape of the clamp allows to "drive" the tube along the fitting to obtain a perfect sealing with the inside o-ring.

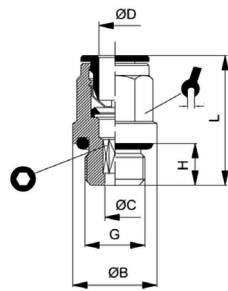
**Speciální tvar kleštiny umožňuje „připojení“ hadice podél tělesa k dosažení dokonalého utěsnění vnitřním o-kroužkem.**

*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

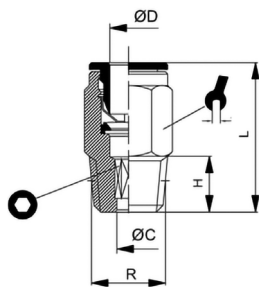
STRAIGHT MALE ADAPTOR PARALLEL / ŠROUBENÍ PŘÍMÉ VNĚJŠÍ / DIRITTO MASCHIO CILINDRICO



CODE	ØD	G	ØB	ØC	H	L	90°	Ø	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

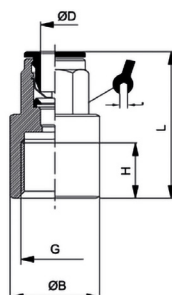
STRAIGHT MALE ADAPTOR TAPER / ŠROUBENÍ PŘÍMÉ VNĚJŠÍ, KUŽEL / DIRITTO MASCHIO CONICO



CODE	ØD	R	ØC	H	L	90°	Ø	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 / ŠROUBENÍ PŘÍMÉ VNITŘNÍ / DIRITTO FEMMINA

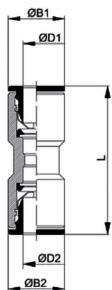


CODE	ØD	G	ØB	H	L	90°	min.pcs.
A102 4-M5	4	M5	9	5	22,5	9	10
A102 4-1/8	4	G1/8	12	6,5	26,5	9	10
A102 4-1/4	4	G1/4	17	10	29,5	9	10
A102 5-1/8	5	G1/8	12	6,5	27	10	10
A102 5-1/4	5	G1/4	16	10	30	10	10
A102 6-1/8	6	G1/8	12	6,5	27	11	10
A102 6-1/4	6	G1/4	17	10	31	11	10
A102 8-1/8	8	G1/8	12	6,5	28	13	10
A102 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

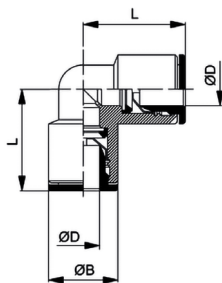
STRAIGHT CONNECTOR / ŠROUBENÍ PŘÍMÉ I / DIRITTO INTERMEDIO



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

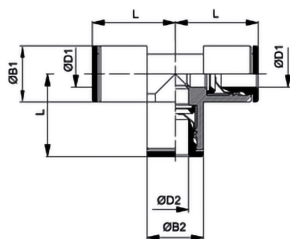
ELBOW CONNECTOR / ŠROUBENÍ ÚHLOVÉ L / GOMITO INTERMEDIO



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

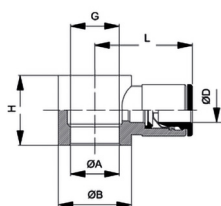
TEE CONNECTOR / ŠROUBENÍ T / INTERMEDIO AT



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

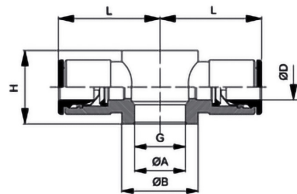
SINGLE BANJO BODY / SAMOSTATNÉ TĚLO BANJA / ANELLO SEMPLICE



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

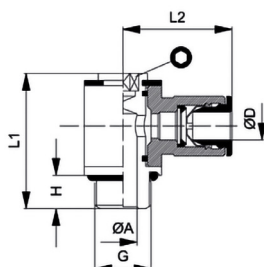
DOUBLE BANJO BODY / DVOJITÉ BANJO, TĚLO / ANELLO DOPPIO



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

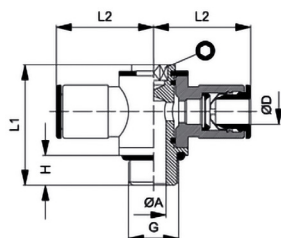
COMPLETE SINGLE BANJO BODY ROTATING / ÚHLOVÉ ŠROUBENÍ L, VNĚJŠÍ, BANJO - NÍZKÉ / ASTA CILINDRICO CON ANELLO



CODE	ØD	G	ØA	H	L1	L2	Ø	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

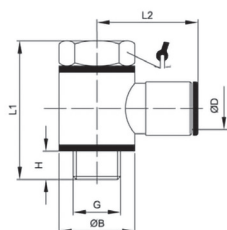
COMPLETE DOUBLE BANJO BODY / KOMPLETNÍ DVOJITÉ BANJO / ASTA CILINDRICA CON ANELLO DOPPIO



CODE	ØD	G	ØA	H	L1	L2	Ø	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

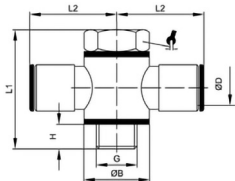
COMPLETE SINGLE SWIVEL BANJO / ÚHLOVÉ ŠROUBENÍ L, VNĚJŠÍ, BANJO / ORIENTABILE SEMPLICE CON VITE CILINDRICA




CODE	ØD	G	ØB	H	L1	L2	Ø	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

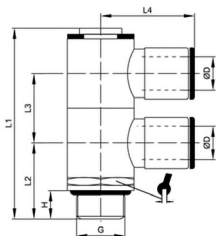
COMPLETE DOUBLE SWIVEL BANJO / KOMPLETNÍ DVOJITÉ OTOČNÉ BANJO / ORIENTABILE DOPPIO CON VITE CILINDRICA




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

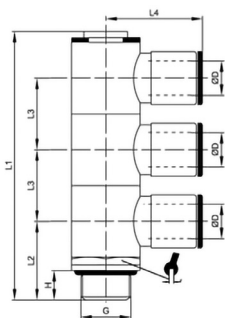
COMPLETE SINGLE BANJO, DOUBLE / KOMPLETNÍ DVOJITÉ BANJO / ASTA CILINDRICA CON DOPPIO ANELLO




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

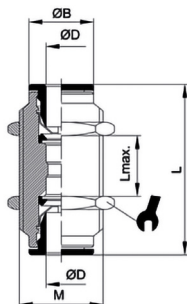
COMPLETE SINGLE BANJO, TRIPLE / KOMPLETNÍ TROJITÉ BANJO / ASTA CILINDRICA CON TRIPLO ANELLO




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 / PŘEPÁŽKOVÉ ŠROUBENÍ / PASSAPARETE

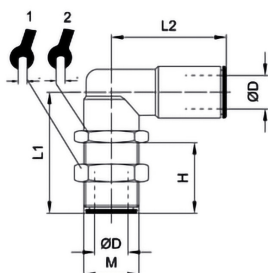


CODE	ØD	M	ØB	Lmax	L		min.pcs.
A111 4	4	M10x1	9	15	32	13	10
A111 5	5	M11x1	9,5	14	33	14	10
A111 6	6	M14x1	11	11	33,5	17	10
A111 8	8	M16x1	13	16	37	18	10
A111 10	10	M17x1	15	19	39,5	20	10
A111 12	12	M20x1	17	17	42	24	10
A111 14	14	M22x1	20	21	46,5	25	10

### A117



BULKHEAD UNION ELBOW / PŘEPÁŽKOVÉ ŠROUBENÍ L / GOMITO PASSAPARETE

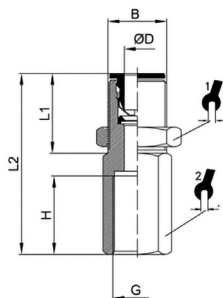


CODE	ØD	M	H	L1	L2	⌘	⌘	min.pcs.
A117 4	4	M10x1	13	26	20	13	13	10
A117 6	6	M14x1	15	28	21,5	17	17	10
A117 8	8	M16x1	17,5	30,5	24	18	18	10
A117 10	10	M17x1	19,5	35	27	20	20	10

### A122



MANOMETER BULKHEAD CONNECTOR / MANOMETROVÉ ŠROUBENÍ / PASSAPARETE FEMMINA

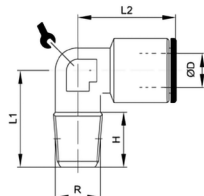


CODE	ØD	G	B	H	L1	L2	⌘	⌘	min.pcs.
A122 4-1/8	4	G1/8	M10x1	6,5	15	25	13	15	10
A122 6-1/8	6	G1/8	M14x1	6,5	15,5	26,5	17	17	10
A122 6-1/4	6	G1/4	M14x1	10	15,5	31	17	17	10
A122 8-1/8	8	G1/8	M16x1	6,5	15,5	28,5	19	17	10
A122 8-1/4	8	G1/4	M16x1	10	15,5	33	19	17	10

### A118



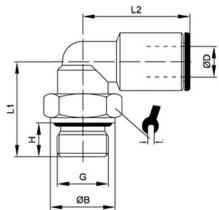
THREADED ELBOW ADAPTOR TAPER / ŠROUBENÍ L, ZÁVITOVÉ NEOTOČNÉ / GOMITO MASCHIO CONICO FISSO




CODE	ØD1	R	H	L1	L2	⌘	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

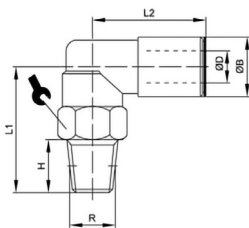
ROTARY ELBOW MALE ADAPTOR / ÚHLOVÉ OTOČNÉ ŠROUBENÍ L / GOMITO MASCHIO GIREVOLE CILINDRICO




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

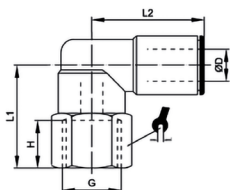
ROTARY ELBOW MALE ADAPTOR TAPER / ÚHLOVÉ OTOČNÉ ŠROUBENÍ L / GOMITO MASCHIO GIREVOLE CONICO




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

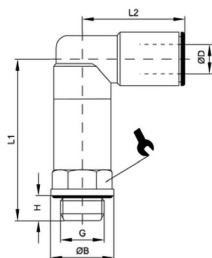
ROTARY ELBOW FEMALE / ÚHLOVÉ OTOČNÉ ŠROUBENÍ L, VNITŘNÍ / GOMITO FEMMINA GIREVOLE




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

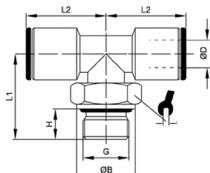
ROTARY ELBOW MALE LONG ADAPTOR / ÚHLOVÉ OTOČNÉ ŠROUBENÍ L, PRODLOUŽENÉ / GOMITO MASCHIO LUNGO GIREVOLE CILINDRICO




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

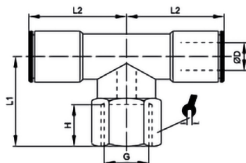
ROTARY TEE ADAPTOR PARALLEL / ŠROUBENÍ T, OTOČNÉ / T MASCHIO GIREVOLE CILINDRICO




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

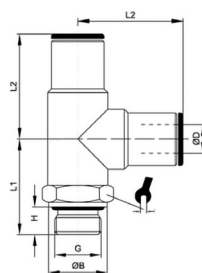
ROTARY TEE ADAPTOR FEMALE PARALLEL / ŠROUBENÍ T, OTOČNÉ, VNITŘNÍ FEMMINA GIREVOLE CILINDRICA




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

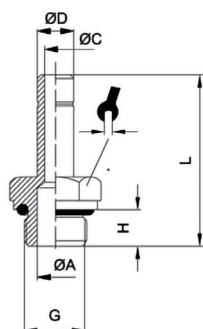
LATERAL MALE TEE SWIVEL PARALLEL / ŠROUBENÍ T, OTOČNÉ, VNĚJŠÍ / T MASCHIO LATERALE GIREVOLE CILINDRICO




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

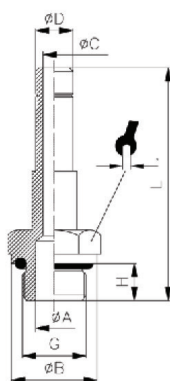
### ADAPTOR SHORT PARALLEL / ADAPTÉR KRÁTKÝ / ADATTATORE CILINDRICO




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

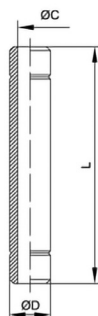
### ADAPTOR LONG PARALLEL / ADAPTÉR DLOUHÝ / ADATTATORE CILINDRICO PROLUNGATO



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

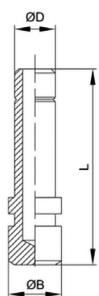
### DOUBLE CONNECTOR / DVOJITÝ ADAPTÉR / CODOLO



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

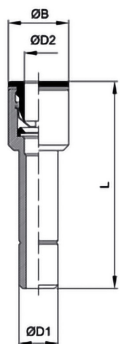
PLUG / ZÁSLEPKA NA ŠROUBENÍ / TAPPO



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

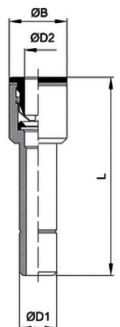
REDUCER / REDUKCE / RIDUZIONE



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

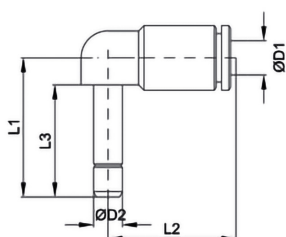
EXTENSION / REDUKCE I / ESTENSIONE



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 / REDUKCE L / GOMITO CODOLO

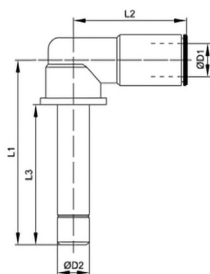


CODE	ØD1	ØD2	L1	L2	L3	min.pcs.
A128 4	4	4	20	17,5	16	10
A128 6	6	6	26	19,5	18	10
A128 8	8	8	31	23	19,5	10
A128 10	10	10	35,5	24	24	10
A128 12	12	12	41	27	25	10
Reduced / Réduit / Riduzione						
A128 6-4	4	6	29	20	18	10
A128 8-6	6	8	30,5	21,5	19,5	10



### A134

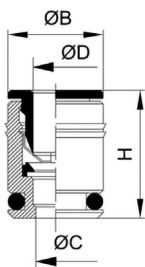
ELBOW CONNECTOR LONG / ŠROUBENÍ L, OTOČNÉ / GOMITO CODOLO LUNGO



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

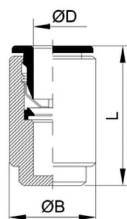
CARTRIDGE / KARTRIDŽOVÉ ŠROUBENÍ / CARTUCCIA



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

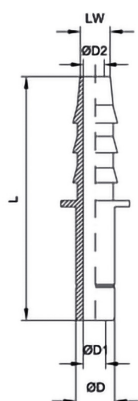
FEMALE PLUG / ZÁSLEPKA NA HADICI / TAPPO FEMMINA



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

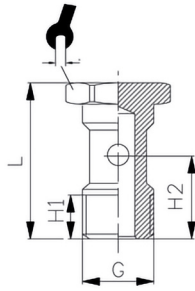
TUBE CONNECTOR / HADICOVÉ ŠROUBENÍ / CODOLO PORTAGOMMA




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

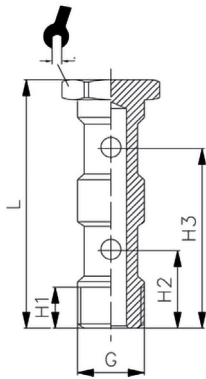
SINGLE SCREW / ŠROUB PRO BANJO / VITE CAVA SINGOLA




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

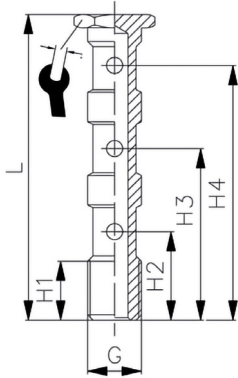
DOUBLE SCREW / DVOJITÝ ŠROUB PRO BANJO / VITE CAVA DOPPIA




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

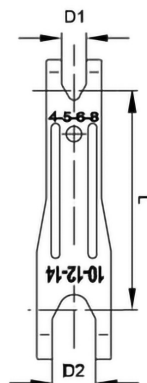
TRIPLE SCREW / TROJITÝ ŠROUB PRO BANJO / VITE CAVA TRIPLA



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 / UVOLŇOVACÍ KLÍČ / CHIAVE DI SGANCIO



CODE	ØD1	ØD2	L
A145	8	14	93



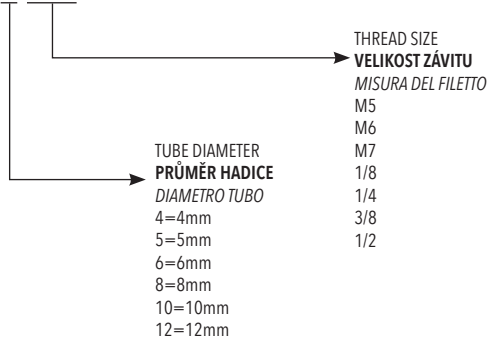
Push-in fittings are so defined as they allow to connect the tube to the fitting in a "instantaneous" way without using tools. The tightness of the tube takes place through an elastic clamp which holds the tube on the external diameter and releases it by pushing the suitable puller. This type of fittings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

**NEREZOVÉ nástrčné šroubení je definováno tak, že umožňuje připojení hadice ke šroubení „nástrčným“ způsobem bez použití nástrojů.**  
Těsnost hadice je prostřednictvím elastické KLEŠTINY, která drží trubku na vnější straně průměru a uvolní jej stlačením opěrného KROUŽKU.  
Tento typ šroubení se používá k urychlení fází montáže, zejména ve sníženém prostoru a časové úspore během připojení různých pneumatických prvků.

*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 / OBJEDNÁVKOVÝ KÓD / CHIAVE DI CODIFICA

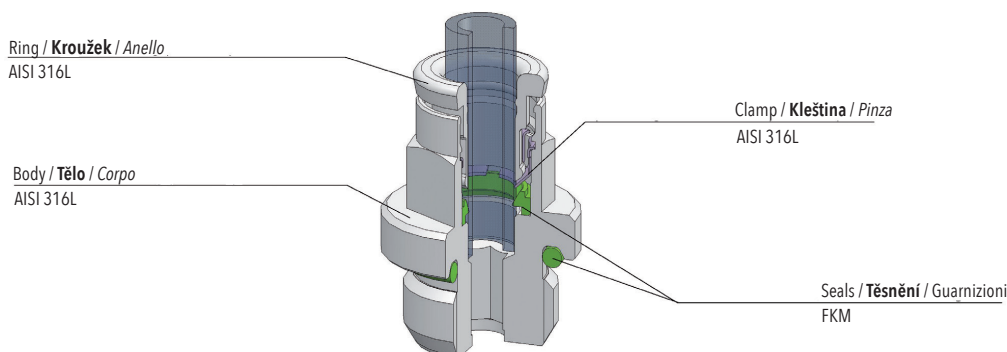
A 1 0 0 X 6 1/8



## TECHNICAL DATA / TECHNICKÁ DATA / DATI TECNICI

Fluid / Tekutina / Fluido	Air / Vzduch / Aria
Operating temperature range / Rozsah provozních teplot / Temperatura di esercizio	-20°C / +80°C
Max operating pressure / Maximální provozní tlak / Pressione Max di esercizio	16 bar
Vacuum / Vakuum / Vuoto	Max 98%
Body material / Materiál tělo / Materiale corpo	AISI 316L
Gripper clamp / Svorka chapadla / Pinza di aggancio	AISI 316L
Ring / Prsten / Anello	AISI 316L
Seals / Těsnění / Guarnizioni	FKM
Threads / Velikost závitů / 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 / Doporučené zkumavky / Tubi raccomandati	Polyamide (PA) / polyamide (PA) / Poliammide (PA) Polyurethane (PU) / polyuréthane (PU) / Poliuretano (PU) Polyethylene (PE) / polyéthylène (PE) / Polietilene (PE)
Tube tolerances / Tolerance trubek / Tolleranza Tubi	PE, PU Tube +/- 0.1 mm / Tube PE, PU +/- 0.1 mm / Tubo PE, PU +/- 0.1 mm

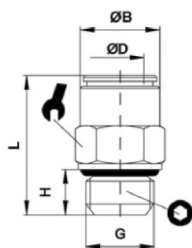
## COMPONENTS / KOMPONENTY / COMPONENTI



### A101X



STRAIGHT MALE ADAPTOR PARALLEL / PŘÍMÉ ŠROUBENÍ / DIRITTO MASCHIO CILINDRICO

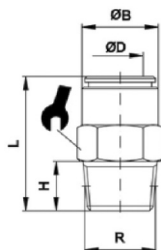


CODE	ØD	G	ØB	H	L	○	↶	min.pcs.
A101X 4-M5	4	M5	9	4	20,5	-	9	10
A101X 4-1/8	4	G1/8	9	5,5	19	3	13	10
A101X 6-M5	6	M5	11	4	22,5	2,5	-	10
A101X 6-1/8	6	G1/8	11	5,5	23,5	4	13	10
A101X 6-1/4	6	G1/4	11	6,5	20	4	16	10
A101X 8-1/8	8	G1/8	13	5,5	26	5	13	10
A101X 8-1/4	8	G1/4	13	6,5	23	6	16	10
A101X 10-1/4	10	G1/4	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 / PŘÍMÉ ŠROUBENÍ, KUŽEL / DIRITTO MASCHIO CONICO

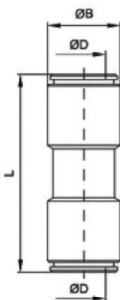


CODE	ØD	R	ØB	H	L	○	↶	min.pcs.
A190X 4-1/8	4	R1/8	9	6,5	19	3	10	10
A190X 4-1/4	4	R1/4	9	11	22,5	3	14	10
A190X 6-1/8	6	R1/8	11	7,5	21,5	5	12	10
A190X 6-1/4	6	R1/4	11	11	21,5	5	14	10
A190X 8-1/8	8	R1/8	13	7,5	26,5	6	14	10
A190X 8-1/4	8	R1/4	13	11	23,5	6	14	10
A190X 10-1/4	10	R1/4	15	11	30,5	8	16	10
A190X 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 / PŘÍMÉ ŠROUBENÍ I / DIRITTO INTERMEDIO

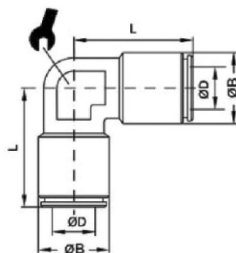


CODE	ØD	ØB	L	min.pcs.
A103X 4	4	9	32	10
A103X 6	6	11	35	10
A103X 8	8	13	39	10
A103X 10	10	15	39	10
A103X 12	12	17	41	10

### A104X



ELBOW CONNECTOR / ÚHLOVÉ ŠROUBENÍ L / GOMITO INTERMEDIO

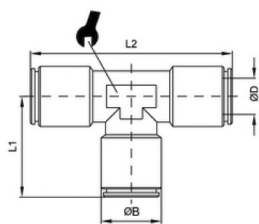



CODE	ØD	ØB	L	↶	min.pcs.
A104X 4	4	9	17,5	9	10
A104X 6	6	11	20,5	11	10
A104X 8	8	13	22,5	11	10
A104X 10	10	15	25	15	10
A104X 12	12	17	27	15	10

## A105X



TEE CONNECTOR / ŠROUBENÍ T / INTERMEDIO AT

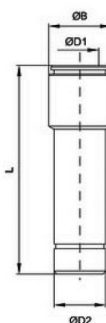


CODE	ØD	ØB	L1	L2		min.pcs.
A105X 4	4	9	18	36	9	10
A105X 6	6	11	20,5	41	11	10
A105X 8	8	13	22,5	45	11	10
A105X 10	10	15	25	50	15	10
A105X 12	12	17	26,5	53	15	10

## A127X



REDUCER / REDUKCE / RIDUZIONE

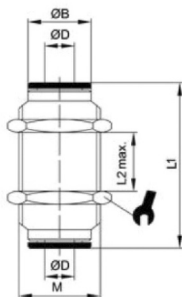



CODE	ØD1	ØD2	ØB	L	min.pcs.
A127X 4	4	6	9	30,5	10
A127X 6	6	8	11	33	10
A127X 8	8	10	13	38,5	10

## A111X



BULKHEAD UNION / PŘEPÁŽKOVÉ ŠROUBENÍ / PASSAPARETE

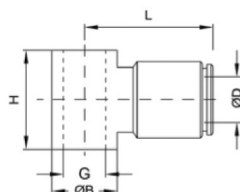


CODE	ØD	ØB	M	L1	L2		min.pcs.
A111X 4	4	9	M12x1	32	11	15	10
A111X 6	6	11	M14x1	34	16	17	10
A111X 8	8	13	M16x1	37	17	19	10
A111X 10	10	15	M18x1	39,5	21	21	10
A111X 12	12	17	M20x1	41	20	24	10

## A199X



SINGLE BANJO BODY / SAMOSTATNÉ BANJO / ANELLO SEMPLICE

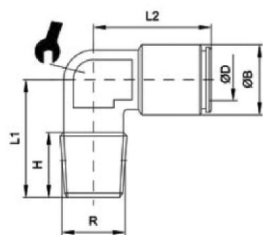


CODE	ØD	G	ØB	H	L	min.pcs.
A199X 4-1/8	4	G1/8	14	15	20,5	10
A199X 6-1/8	6	G1/8	14	15	22,5	10
A199X 6-1/4	6	G1/4	18	17	24	10
A199X 8-1/8	8	G1/8	14	15	23	10
A199X 8-1/4	8	G1/4	18	17	25,5	10

### A118X



THREADED ELBOW ADAPTOR TAPER / ZÁVITOVÝ ADAPTÉR NA KOLENO, ZÚŽENÍ / GOMITO MASCHIO CONICO FISSO

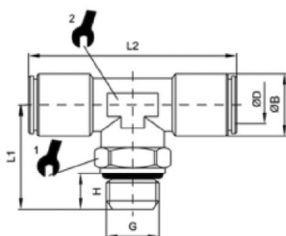


CODE	ØD	R	ØB	H	L1	L2	1	2	min.pcs.
A118X 4-1/8	4	R1/8	9	7,5	14	18,5	9		10
A118X 6-1/8	6	R1/8	11	8	17	20,5	11		10
A118X 6-1/4	6	R1/4	11	11,5	20	20,5	11		10
A118X 8-1/8	8	R1/8	13	8	17	22,5	11		10
A118X 8-1/4	8	R1/4	13	11	20	22,5	11		10

### A119X



ROTARY TEE ADAPTOR PARALLEL / ŠROUBENÍ T, OTOČNÉ / T MASCHIO GIREVOLE CILINDRICO

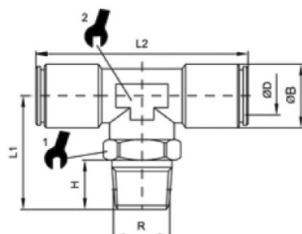


CODE	ØD	G	ØB	H	L1	L2	1	2	min.pcs.
A119X 4-M5	4	M5	9	4	20,5	36	9	9	10
A119X 4-1/8	4	G1/8	9	5,5	25,5	36	13	11	10
A119X 6-1/8	6	G1/8	11	5,5	25	43	13	11	10
A119X 6-1/4	6	G1/4	11	6,5	26	43	16	11	10
A119X 8-1/8	8	G1/8	13	5,5	25	47	13	11	10
A119X 8-1/4	8	G1/4	13	6,5	26	47	16	11	10
A119X 10-1/4	10	G1/4	15	6,5	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 / ŠROUBENÍ T, OTOČNÉ, KUŽELOVÝ / T MASCHIO GIREVOLE CONICO

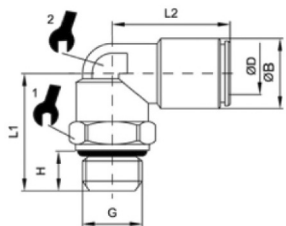


CODE	ØD	R	ØB	H	L1	L2	1	2	min.pcs.
A120X 4-1/8	4	R1/8	9	7,5	21,5	35	10	-	10
A120X 6-1/8	6	R1/8	11	7	25,5	43	13	11	10
A120X 6-1/4	6	R1/4	11	11	30,5	43	14	11	10
A120X 8-1/8	8	R1/8	13	7	26	47	13	11	10
A120X 8-1/4	8	R1/4	13	11	30,5	47	14	11	10
A120X 10-1/4	10	R1/4	15	11	32	51	16	15	10
A120X 10-3/8	10	R3/8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

### A121X



ROTARY ELBOW MALE ADAPTOR / ÚHLOVÉ OTOČNÉ ŠROUBENÍ / GOMITO MASCHIO GIREVOLE CILINDRICO

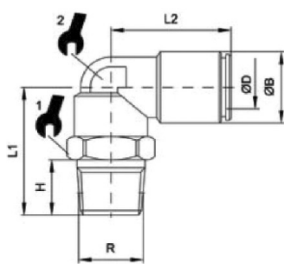


CODE	ØD	G	ØB	H	L1	L2	1	2	min.pcs.
A121X 4-M5	4	M5	9	4	15	18	9	9	10
A121X 4-G1/8	4	G1/8	9	5,5	19,5	20	13	10	10
A121X 4-G1/4	4	G1/4	9	6,5	20,5	20	16	10	10
A121X 6-M5	6	M5	11	4	14,5	20,5	9	9	10
A121X 6-G1/8	6	G1/8	11	5,5	19,5	21,5	13	10	10
A121X 6-G1/4	6	G1/4	11	6,5	20,5	21,5	16	10	10
A121X 8-G1/8	8	G1/8	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 / **ÚHLOVÉ OTOČNÉ ŠROUBENÍ L** / 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 / **ŠROUB PRO BANJO, KOMPLETNÍ S 2 TEFLONOVÝMI TĚSNĚNÍMI** /  
 VITE CAVA SINGOLA, COMPLETA DI 2 GUARNIZIONI IN TEFLON

CODE	G	H1	H2	L	1	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-directional: 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.

**Škrtící ventily mají funkci pro regulaci rychlosti pneumatických válců a můžou být:**

**jednosměrné**

**obousměrné**

**Existují modely vhodné pro montáž na válce nebo na ventily a nastavení se provádí ručně nebo pomocí šroubováku.**

*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.*

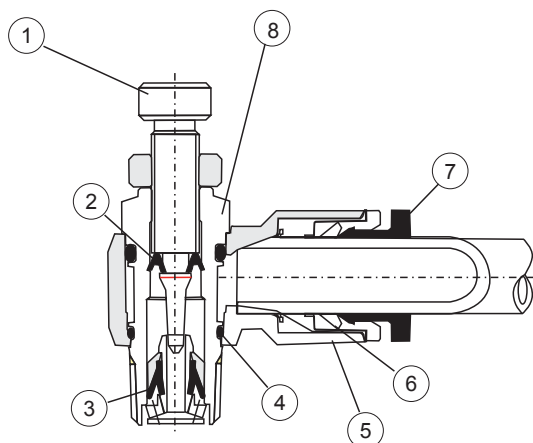
*Vi sono modelli adatti al montaggio su cilindri o sulle valvole, e la regolazione può essere fatta manualmente o con cacciavite.*

## TECHNICAL DATA / TECHNICKÁ DATA / DATI TECNICI

Type / Type / Tipo	SERIE NSC	SERIE A
Fluid / Tekutina / Fluido	Air / Vzduch / Aria	Air / Vzduch / Aria
Temperature range / Rozsah provozních teplot / Temperatura di esercizio	0°C +60°C	-10°C +70°C
Pressure / Tlak / Pressione	max. 10 bar	
Recommended tubes / Doporučené zkumavky / Tubi raccomandati	Polyamide (PA) / Polyurethane (PU) / Polyethylene (PE)	

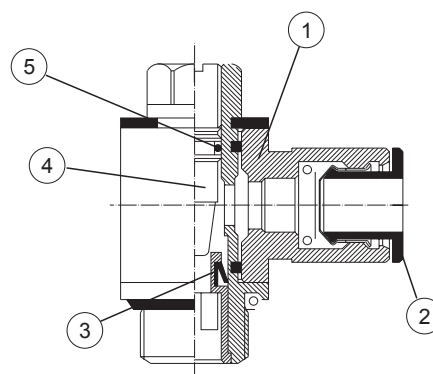
## COMPONENTS / KOMPONENTY / COMPONENTI

### SERIE NSC



1 needle / jehla / ghiera	brass / mosaz / ottone
2 seal / Těsnění / guarnizione	NBR
3 seal / Těsnění / guarnizione	NBR
4 o-ring / O-kroužek	NBR
5 body / tělo / corpo	PBT
6 lock claw / Kleština / pinza	SUS 304
7 ring / O-kroužek / anello	POM
8 body / tělo / corpo	brass / mosaz / ottone

### SERIE A

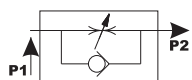
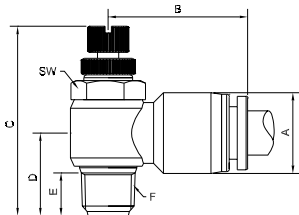


1 body / tělo / corpo	brass / mosaz / ottone
2 ring / O-kroužek / anello	brass / mosaz / ottone
3 seal / Těsnění / guarnizione	NBR
4 screw / šroub / vite	brass / mosaz / ottone
5 o-ring / O-kroužek	NBR



NSC-C

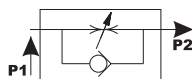
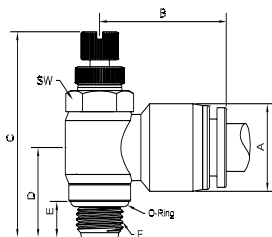
FLOW REGULATOR FOR CYLINDERS TAPER / ŠKRTÍCÍ VENTIL PRO VÁLCE, KUŽEL / REGOLATORE DI FLUSSO CONICO PER CILINDRI



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

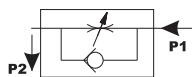
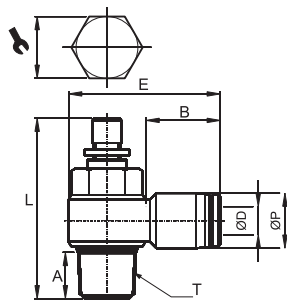
FLOW REGULATOR FOR CYLINDERS PARALLEL / ŠKRTÍCÍ VENTIL PRO VÁLCE / REGOLATORE DI FLUSSO CILINDRICO PER CILINDRI



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 / ŠKRTÍCÍ VENTIL PRO VENTILY, KUŽELOVÝ / REGOLATORE DI FLUSSO CONICO PER VALVOLE

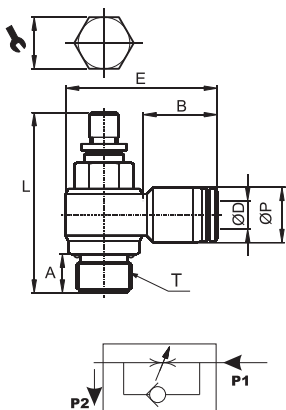


CODE	ØD	T	ØP	L(max)	E	A	B	SW	min.pcs.
NSC-V 0401R	4	R1/8	10,5	40,1	30,5	8	16,3	11	10
NSC-V 0402R	4	R1/4	10,5	45,7	34,5	10	16,3	15	10
NSC-V 0601R	6	R1/8	12,5	40,1	31,2	8	17,6	11	10
NSC-V 0602R	6	R1/4	12,5	45,7	35,0	10	17,6	15	10
NSC-V 0603R	6	R3/8	12,5	55,0	38,7	11	17,6	19	10
NSC-V 0801R	8	R1/8	14,5	40,1	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 / ŠKRTÍCÍ VENTIL PRO VENTILY / REGOLATORE DI FLUSSO  
CILINDRICO PER VALVOLE

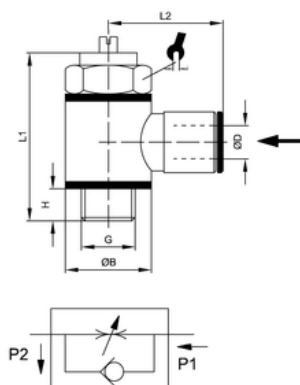


CODE	ØD	T	ØP	L(MAX)	E	A	B	↘	min.pcs.
NSC-GV 04M5R	4	M5	10,5	30,2	25,1	3,6	16,3	8	10
NSC-GV 0401R	4	G1/8	10,5	40,1	30,5	6,0	16,3	8	10
NSC-GV 0402R	4	G1/4	10,5	45,7	34,5	8,0	16,3	12	10
NSC-GV 06M5R	6	M5	12,2	30,2	27,8	3,6	17,6	8	10
NSC-GV 0601R	6	G1/8	12,5	40,1	31,2	6,0	17,6	8	10
NSC-GV 0602R	6	G1/4	12,5	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 / ŠKRTÍCÍ VENTIL PRO VENTILY / REGOLATORE DI FLUSSO CILINDRICO PER VALVOLE



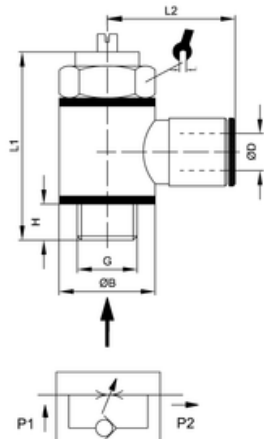
CODE	ØD	G	H	ØB	L1	L2	NI/min*	↘	min.pcs.
A131 4-M5	4	M5	4	SW9	25	18	45	8	10
A131 4-1/8	4	G1/8	5	14	32	20,5	310	14	10
A131 5-1/8	5	G1/8	5	14	32	22,5	310	14	10
A131 6-M5	6	M5	4	SW9	25	19,5	45	8	10
A131 6-1/8	6	G1/8	5	14	32	23	390	14	10
A131 6-1/4	6	G1/4	6	18	37	24	710	17	10
A131 8-1/8	8	G1/8	5	14	32	24,5	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 - \*Jmenovitý průtok 6 bar - \*portata nominale a 6 Bar

A132



FLOW REGULATOR FOR CYLINDER PARALLEL / ŠKRTÍCÍ VENTIL PRO VÁLCE / REGOLATORE DI FLUSSO CILINDRICO PER CILINDRI

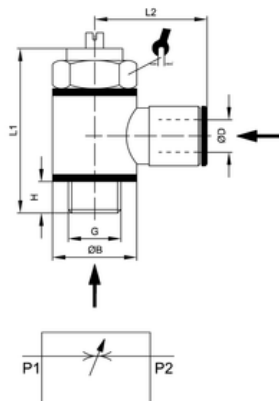



CODE	ØD	G	H	ØB	L1	L2	NI/min*	↘	min.pcs.
A132 4-M5	4	M5	4	SW9	25	18	45	8	10
A132 4-1/8	4	G1/8	5	14	32	20,5	310	14	10
A132 5-1/8	5	G1/8	5	14	32	22,5	310	14	10
A132 6-M5	6	M5	4	SW9	25	19,5	45	8	10
A132 6-1/8	6	G1/8	5	14	32	23	390	14	10
A132 6-1/4	6	G1/4	6	18	37	24	710	17	10
A132 8-1/8	8	G1/8	5	14	32	24,5	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 - \*Jmenovitý průtok 6 bar - \*portata nominale a 6 Bar

### A133

BIDIRECTIONAL FLOW REGULATOR, PARALLEL / ŠKRTÍCÍ VENTIL OBDOUSMĚRNÝ / REGOLATORE DI FLUSSO CILINDRICO BIDIREZIONALE

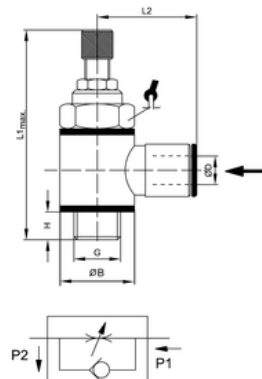



CODE	ØD	G	H	ØB	L1	L2	NI/min*		min.pcs.
A133 4-M5	4	M5	4	SW9	25	18	45	8	10
A133 4-1/8	4	G1/8	5	14	32	20,5	310	14	10
A133 5-1/8	5	G1/8	5	14	32	22,5	310	14	10
A133 6-M5	6	M5	4	SW9	25	19,5	45	8	10
A133 6-1/8	6	G1/8	5	14	32	23	390	14	10
A133 6-1/4	6	G1/4	6	18	37	24	710	17	10
A133 8-1/8	8	G1/8	5	14	32	24,5	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 - \*Jmenovitý průtok 6 bar - \*portata nominale a 6 Bar

### A129

MANUAL FLOW REGULATOR PARALLEL FOR VALVES / ŠKRTÍCÍ VENTIL PRO VENTILY / REGOLATORE DI FLUSSO CILINDRICO MANUALE PER VALVOLE

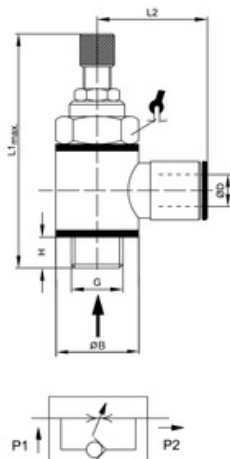



CODE	ØD	G	H	ØB	L1	L2	NI/min*		min.pcs.
A129 4-1/8	4	G1/8	5	14	49	20,5	310	14	10
A129 6-1/8	6	G1/8	5	14	49	23	390	14	10
A129 8-1/8	8	G1/8	6	18	56,5	24	390	14	10
A129 6-1/4	6	G1/4	5	14	49	24,5	710	17	10
A129 8-1/4	8	G1/4	6	18	56,5	26	810	17	10
A129 10-1/4	10	G1/4	6	18	56,5	27	810	17	10
A129 12-1/4	12	G1/4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

\*nominal flow rate at 6 Bar - \*Jmenovitý průtok 6 bar - \*portata nominale a 6 Bar

### A130

MANUAL FLOW REGULATOR PARALLEL FOR CYLINDER / ŠKRTÍCÍ VENTIL PRO VÁLCE / REGOLATORE DI FLUSSO CILINDRICO MANUALE PER CILINDRI



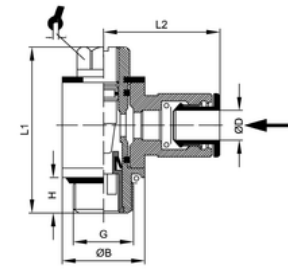
CODE	ØD	G	H	ØB	L1	L2	NI/min*		min.pcs.
A130 4-1/8	4	G1/8	5	14	49	20,5	340	14	10
A130 6-1/8	6	G1/8	5	14	49	23	340	14	10
A130 6-1/4	6	G1/4	6	18	56,5	24	580	17	10
A130 8-1/8	8	G1/8	5	14	49	24,5	340	14	10
A130 8-1/4	8	G1/4	6	18	56,5	26	580	17	10
A130 8-3/8	8	G3/8	7,5	21	63	27,5	720	20	10
A130 10-1/4	10	G1/4	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 - \*Jmenovitý průtok 6 bar - \*portata nominale a 6 Bar

A138

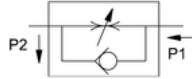


SWIVEL FLOW REGULATOR PARALLEL FOR VALVES / OTOČNÝ ŠKRTÍCÍ VENTIL PRO VENTILY / REGOLATORE DI FLUSSO CILINDRICO GIREVOLE PER VALVOLE



CODE	ØD	G	H	ØB	L1	L2	NL/min*	1	2	min.pcs.
A138 4-1/8	4	G1/8	6,5	14	32	20,5	310	9	10	10
A138 6-1/8	6	G1/8	6,5	14	32	23	390	9	10	10
A138 6-1/4	6	G1/4	8	18	37	24	710	12	10	10
A138 8-1/8	8	G1/8	6,5	14	32	24,5	390	9	10	10
A138 8-1/4	8	G1/4	8	18	37	26	810	12	10	10
A138 10-1/4	10	G1/4	8	18	37	27	810	12	10	10
A138 12-1/4	12	G1/4	8	18	37	28	810	12	10	10

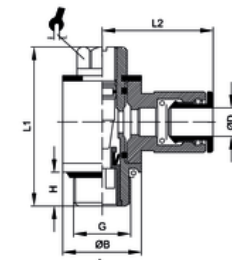
\*nominal flow rate at 6 Bar - \*Jmenovitý průtok 6 bar - \*portata nominale a 6 Bar



A139

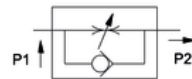


SWIVEL FLOW REGULATOR PARALLEL FOR CYLINDER / OTOČNÝ ŠKRTÍCÍ VENTIL PRO VÁLCE / REGOLATORE DI FLUSSO CILINDRICO GIREVOLE PER CILINDRI



CODE	ØD	G	H	ØB	L1	L2	NL/min*	1	2	min.pcs.
A139 4-1/8	4	G1/8	6,5	14	32	20,5	310	9	10	10
A139 6-1/8	6	G1/8	6,5	14	32	23	390	9	10	10
A139 6-1/4	6	G1/4	8	18	37	24	710	12	10	10
A139 8-1/8	8	G1/8	6,5	14	32	24,5	390	9	10	10
A139 8-1/4	8	G1/4	8	18	37	26	810	12	10	10
A139 10-1/4	10	G1/4	8	18	37	27	810	12	10	10
A139 12-1/4	12	G1/4	8	18	37	28	810	12	10	10

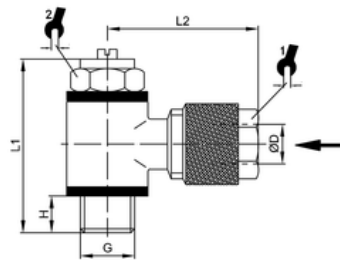
\*nominal flow rate at 6 Bar - \*Jmenovitý průtok 6 bar - \*portata nominale a 6 Bar



A156



FLOW REGULATOR PARALLEL FOR VALVES PUSH-ON / ŠKRTÍCÍ VENTIL PRO VENTILY / REGOLATORE DI FLUSSO CILINDRICO A CALZAMENTO PER VALVOLE



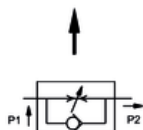
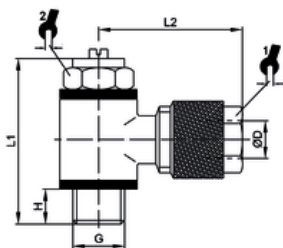
CODE	ØD	G	H	L1	L2	NI/min*	1	2	min.pcs.
A156 5/3-M5	5/3	M5	4	25	16	45	8	8	10
A156 5/3-1/8	5/3	G1/8	5	32	21	310	8	14	10
A156 6/4-M5	6/4	M5	4	25	16	45	9	8	10
A156 6/4-1/8	6/4	G1/8	5	32	21,5	310	10	14	10
A156 6/4-1/4	6/4	G1/4	6	37	24,5	420	10	17	10
A156 8/6-1/8	8/6	G1/8	5	32	20,5	310	12	14	10
A156 8/6-1/4	8/6	G1/4	6	37	22,5	420	12	17	10

\*nominal flow rate at 6 Bar - \*Jmenovitý průtok 6 bar - \*portata nominale a 6 Bar



A157

FLOW REGULATOR PARALLEL FOR CYLINDER PUSH-ON / ŠKRTÍCÍ VENTIL PRO VÁLCE / REGOLATORE DI FLUSSO CILINDRICO A CALZAMENTO PER CILINDRI

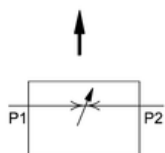
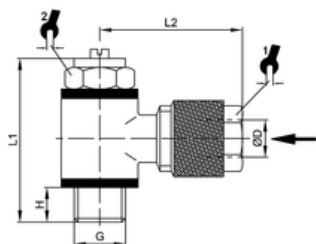


CODE	ØD	G	H	L1	L2	NI/min*	1	2	min.pcs.
A157 5/3-M5	5/3	M5	4	25	16	45	8	8	10
A157 5/3-1/8	5/3	G1/8	5	32	21	310	8	14	10
A157 6/4-M5	6/4	M5	4	25	16	45	9	8	10
A157 6/4-1/8	6/4	G1/8	5	32	21,5	310	10	14	10
A157 6/4-1/4	6/4	G1/4	6	37	24,5	420	10	17	10
A157 8/6-1/8	8/6	G1/8	5	32	20,5	310	12	14	10
A157 8/6-1/4	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 - \*Jmenovitý průtok 6 bar - \*portata nominale a 6 Bar

A158

FLOW REGULATOR PARALLEL BIDIRECTIONAL PUSH-ON / ŠKRTÍCÍ VENTIL OBOUSMĚRNÝ / REGOLATORE DI FLUSSO CILINDRICO A CALZAMENTO BIDIREZIONALE

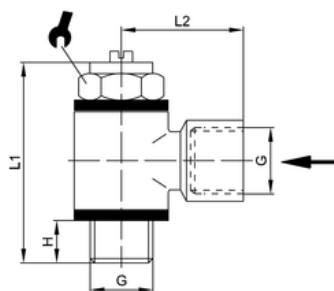


CODE	ØD	G	H	L1	L2	NI/min*	1	2	min.pcs.
A158 5/3-M5	5/3	M5	4	25	16	45	8	8	10
A158 6/4-M5	6/4	M5	4	25	16	45	9	8	10
A158 6/4-1/8	6/4	G1/8	5	32	21,5	310	10	14	10
A158 6/4-1/4	6/4	G1/4	6	37	24,5	420	10	17	10
A158 8/6-1/8	8/6	G1/8	5	32	20,5	310	12	14	10
A158 8/6-1/4	8/6	G1/4	6	37	22,5	420	12	17	10

\*nominal flow rate at 6 Bar - \*Jmenovitý průtok 6 bar - \*portata nominale a 6 Bar

A159

FLOW REG. PARALLEL FOR VALVES FEMALE THREAD / ŠKRTÍCÍ VENTIL PRO VENTILY / REGOLATORE DI FLUSSO CILINDRICO PER VALVOLE FEMMINA

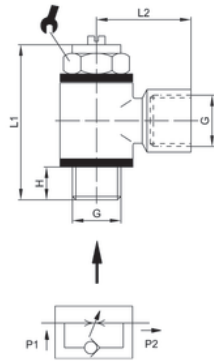



CODE	G	H	L1	L2	NI/min*	1	min.pcs.
A159 M5	M5	4	25	11,5	45	8	10
A159 1/8	G1/8	5	32	21	310	14	10
A159 1/4	G1/4	6	18	25,5	450	17	10
A159 3/8	G3/8	7	46	26	1040	20	10
A159 1/2	G1/2	10	52,5	32	2200	26	10

\*nominal flow rate at 6 Bar - \*Jmenovitý průtok 6 bar - \*portata nominale a 6 Bar

A160

FLOW REGULATOR PARALLEL FOR CYLINDER FEMALE THREAD / JEDNOSMĚRNÝ ŠKRTÍCÍ VENTIL PRO VÁLCE  
REGOLATORE DI FLUSSO CILINDRICO PER CILINDRI FEMMINA

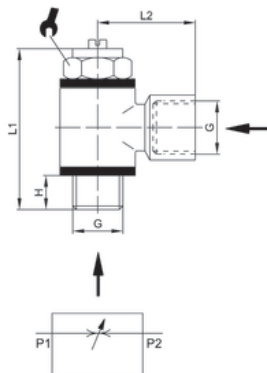



CODE	G	H	L1	L2	NI/min*		min.pcs.
A160 M5	M5	4	25	11,5	45	8	10
A160 1/8	G1/8	5	32	21	310	14	10
A160 1/4	G1/4	6	37	25,5	810	17	10
A160 3/8	G3/8	7	46	26	1040	20	10
A160 1/2	G1/2	10	52,5	32	2200	26	10

\*nominal flow rate at 6 Bar - \*Jmenovitý průtok 6 bar - \*portata nominale a 6 Bar

A161

FLOW REGULATOR PARALLEL BIDIRECTIONAL FEMALE THREAD / OBOUSMĚRNÝ ŠKRTÍCÍ VENTIL  
REGOLATORE DI FLUSSO CILINDRICO BIDIREZIONALE FEMMINA

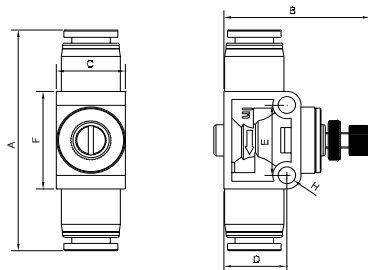


CODE	G	H	L1	L2	NI/min*		min.pcs.
A161 M5	M5	4	25	11,5	45	8	10
A161 1/8	G1/8	5	32	21	310	14	10
A161 1/4	G1/4	6	37	25,5	810	17	10
A161 3/8	G3/8	7	46	26	1040	20	10
A161 1/2	G1/2	10	52,5	32	2200	26	10

\*nominal flow rate at 6 Bar - \*Jmenovitý průtok 6 bar - \*portata nominale a 6 Bar

NSF

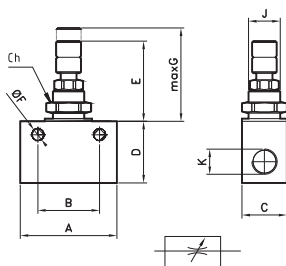
UNI-DIRECTIONAL IN LINE FLOW REGULATOR / JEDNOSMĚRNÝ ŠKRTÍCÍ VENTIL / REGOLATORE DI FLUSSO IN LINEA  
UNIDIREZIONALE



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

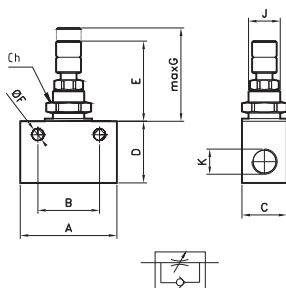
BI-DIRECTIONAL IN LINE FLOW REGULATOR / **OBOUSMĚRNÝ ŠKRTÍCÍ VENTIL** / *REGOLATORE DI FLUSSO IN LINEA BIDIREZIONALE*



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

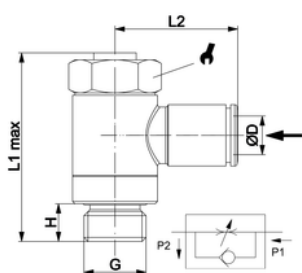
UNI-DIRECTIONAL IN LINE FLOW REGULATOR / **JEDNOSMĚRNÝ ŠKRTÍCÍ VENTIL** / *REGOLATORE DI FLUSSO IN LINEA UNIDIREZIONALE*



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

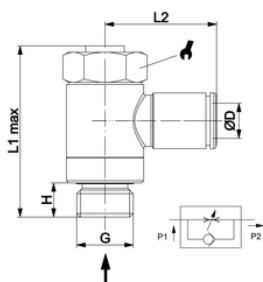
FLOW REGULATOR FOR VALVES IN STAINLESS STEEL / **ŠKRTÍCÍ VENTIL PRO VENTILY NEREZ** / *REGOLATORE DI FLUSSO PER VALVOLE IN INOX*



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

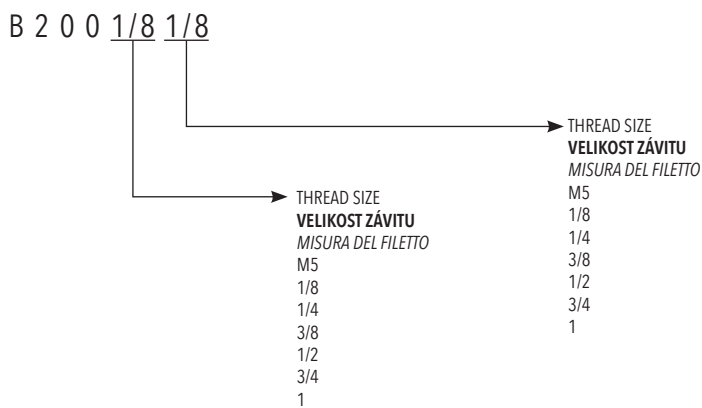
FLOW REGULATOR FOR CYLINDER IN STAINLESS STEEL / **ŠKRTÍCÍ VENTIL PRO VÁLCE NEREZ** / *REGOLATORE DI FLUSSO PER CILINDRI IN INOX*



CODE	ØD	G	H	L1 max	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 / OBJEDNÁVKOVÝ KÓDS / CHIAVE DI CODIFICA



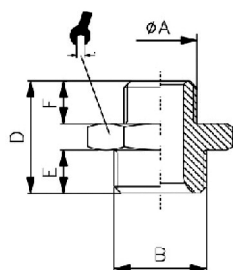
TECHNICAL DATA / TECHNICKÁ DATA / DATI TECNICI


Fluid / Tekutina / Fluido	Air / Vzduch / Aria
Temperature range / Rozsah provozních teplot / Temperatura di esercizio	- 20°C / +70°C
Max operating pressure / Maximální provozní tlak / Pressione massima	60 bar
Material / Materiál / Materiale	Brass / Mosaz / Ottone UNI EN 12164 CW 614N Brass / Mosaz / Ottone UNI EN 12165 CW 617N
Surface used / Použitý povrch / Trattamento superficiale	Nickel-piting / Niklování / nichelatura
Threads / Velikost Závitů / Filettature	Parallel / Cylindrique / Cilindrica DIN EN ISO 228 Taper / Conique / Conico DIN EN 10226 (DIN 2999) Metric / Métrique / Metrico DIN ISO 262



## B216

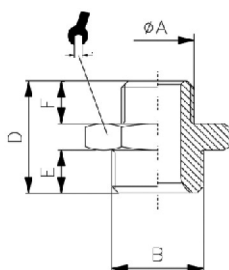
### NIPPLE PARALLEL / SPOJKA / NIPPLIO CILINDRICO




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

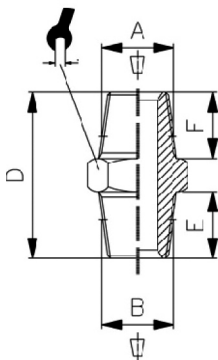
### REDUCER PARALLEL / REDUKČNÍ SPOJKA / RIDUZIONE CILINDRICO




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

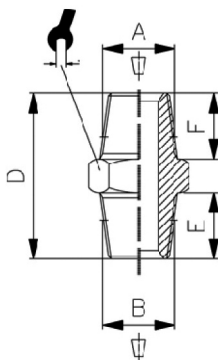
### NIPPLE TAPER / SPOJKA / NIPPLIO CONICO




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 / REDUKČNÍ SPOJKA / RIDUZIONE CONICO

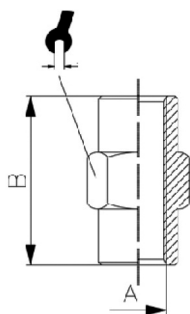


CODE	A	B	D	E	F		min.pcs.
B215 1/8 1/4	R1/8	R1/4	24,0	11,0	8,0	14	10
B215 1/8 3/8	R1/8	R3/8	24,5	11,5	8,0	17	10
B215 1/4 3/8	R1/4	R3/8	27,5	11,5	11,0	17	10
B215 1/4 1/2	R1/4	R1/2	30,5	14,0	11,0	22	10
B215 3/8 1/2	R3/8	R1/2	31,0	14,0	11,5	22	10
B215 1/2 3/4	R1/2	R3/4	37,0	16,5	14,0	27	10
B215 3/4 1	R3/4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

## B223



SLEEVE / SPOJKA VNITŘNÍ / MANICOTTO

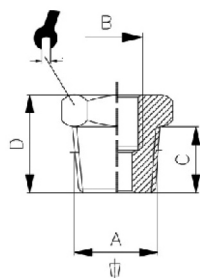


CODE	A	B	$\alpha$	min.pcs.
B223 M5	M5	11,0	8	10
B223 1/8	G1/8	15,0	14	10
B223 1/4	G1/4	22,0	17	10
B223 3/8	G3/8	23,0	22	10
B223 1/2	G1/2	28,0	26	10
B223 3/4	G3/4	32,0	32	10

## B221



REDUCER TAPER / REDUKČNÍ SPOJKA / RIDUZIONE CONICA

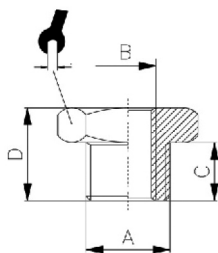


CODE	A	B	C	D	$\alpha$	min.pcs.
B221 1/4 1/8	R1/4	G1/8	11,0	16,0	14	10
B221 3/8 1/8	R3/8	G1/8	11,5	16,5	17	10
B221 3/8 1/4	R3/8	G1/4	11,5	16,5	17	10
B221 1/2 1/8	R1/2	G1/8	14,0	19,5	22	10
B221 1/2 1/4	R1/2	G1/4	14,0	19,5	22	10
B221 1/2 3/8	R1/2	G3/8	14,0	19,5	22	10
B221 3/4 3/8	R3/4	G3/8	16,5	23,0	27	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 / REDUKČNÍ SPOJKA / RIDUZIONE CILINDRICA

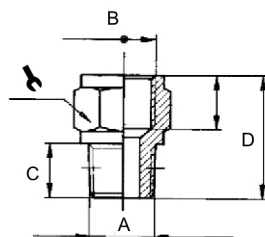


CODE	A	B	C	D	$\alpha$	min.pcs.
B222 1/8 M5	G1/8	M5	6,0	10,5	14	10
B222 1/4 1/8	G1/4	G1/8	8,0	13,0	17	10
B222 3/8 1/8	G3/8	G1/8	9,0	14,0	19	10
B222 3/8 1/4	G3/8	G1/4	9,0	14,0	19	10
B222 1/2-1/8	G1/2	G1/8	10,0	15,5	24	10
B222 1/2-1/4	G1/2	G1/4	10,0	15,5	24	10
B222 1/2-3/8	G1/2	G3/8	10,0	15,5	24	10
B222 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 / REDUKČNÍ OBJÍMKA / PROLUNGA RIDUZIONE CONICA

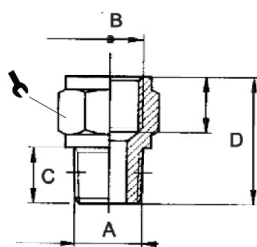



CODE	A	B	C	D	$\alpha$	min.pcs.
B218 1/8	R1/8	G1/8	8,0	18,0	14	10
B218 1/8 1/4	R1/8	G1/4	8,0	21,5	17	10
B218 1/8 3/8	R1/8	G3/8	8,0	22,5	22	10
B218 1/4	R1/4	G1/4	11,0	24,5	17	10
B218 1/4 3/8	R1/4	G3/8	11,0	25,5	22	10
B218 1/4 1/2	R1/4	G1/2	11,0	29,0	24	10
B218 3/8	R3/8	G3/8	11,5	26,0	22	10
B218 3/8 1/2	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 / REDUKČNÍ OBJÍMKA / PROLUNGA RIDUZIONE CILINDRICA

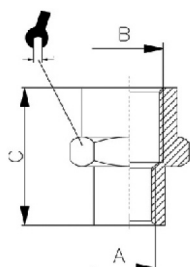



CODE	A	B	C	D		min.pcs.
B219 M5 1/8	M5	G1/8	4,0	14,5	14	10
B219 1/8	G1/8	G1/8	6,0	16,0	14	10
B219 1/8 1/4	G1/8	G1/4	6,0	19,5	17	10
B219 1/8 3/8	G1/8	G3/8	6,0	20,5	22	10
B219 1/4	G1/4	G1/4	8,0	21,5	17	10
B219 1/4 3/8	G1/4	G3/8	8,0	22,5	22	10
B219 1/4 1/2	G1/4	G1/2	8,0	26,0	24	10
B219 3/8	G3/8	G3/8	9,0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

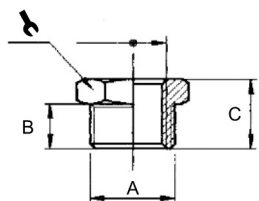



CODE	A	B	C		min.pcs.
B224 M5 1/8	M5	G1/8	13,5	14	10
B224 1/8 1/4	G1/8	G1/4	19,0	17	10
B224 1/8 3/8	G1/8	G3/8	20,0	22	10
B224 1/8 1/2	G1/8	G1/2	24,0	24	10
B224 1/4 3/8	G1/4	G3/8	22,5	22	10
B224 1/4 1/2	G1/4	G1/2	26,0	24	10
B224 3/8 1/2	G3/8	G1/2	26,0	24	10
B224 1/2 3/4	G1/2	G3/4	30,0	32	10

### B229



MALE PLUG PARALLEL / ZÁTKA / TAPPO MASCHIO CILINDRICO

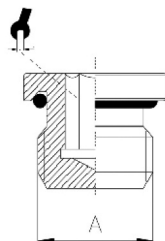



CODE	A	B	C		min.pcs.
B229 M5	M5	4,0	7,0	8	10
B229 1/8	G1/8	6,0	10,0	14	10
B229 1/4	G1/4	8,0	12,5	17	10
B229 3/8	G3/8	9,0	13,5	19	10
B229 1/2	G1/2	10,0	15,5	24	10
B229 3/4	G3/4	11,0	16,5	30	10
B229 1	G1	13,0	19,0	38	10

### B230



MALE PLUG PARALLEL WITH O-RING / ZÁTKA S OKROUŽKEM / TAPPO CON O-RING

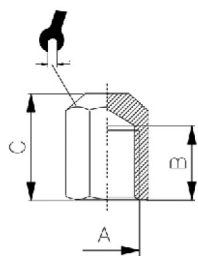



CODE	A	B	L	ØD		min.pcs.
B230 M5	M5	4,5	7,2	8,0	2,5	10
B230 1/8	G1/8	6,5	9,5	14,0	5	10
B230 1/4	G1/4	8	11,5	17,0	6	10
B230 3/8	G3/8	9	12,5	20,0	8	10
B230 1/2	G1/2	10	14,0	26,0	10	10

B231



FEMALE PLUG / ZÁTKA VNITŘNÍ / TAPPO FEMMINA

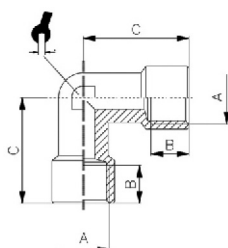



CODE	A	B	C		min.pcs.
B231 1/8	G1/8	8,0	11,5	14	10
B231 1/4	G1/4	11,0	15,0	17	10
B231 3/8	G3/8	11,5	15,5	20	10
B231 1/2	G1/2	14,0	20,0	24	10

B203



FEMALE ELBOW / ŠROUBENÍ L / L FEMMINA

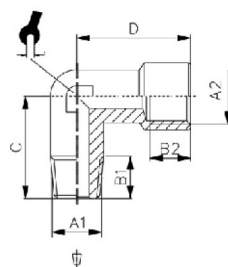



CODE	A	B	C		min.pcs.
B203 M5	M5	4,0	11,0	8	10
B203 1/8	G1/8	8,0	21,0	10	10
B203 1/4	G1/4	11,0	25,5	13	10
B203 3/8	G3/8	11,5	28,0	17	10
B203 1/2	G1/2	14,0	33,5	21	10
B203 3/4	G3/4	16,5	36,5	25	10
B203 1	G1	19,0	45,0	30	10

B202



MALE - FEMALE ELBOW / ŠROUBENÍ L / L MASCHIO - FEMMINA

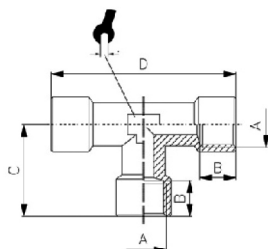



CODE	A1	A2	B1	B2	C	D		min.pcs.
B202 M5	M5	M5	4,0	5,0	11,5	11,0	9	10
B202 1/8	R1/8	G1/8	8,0	8,0	18,5	21,0	10	10
B202 1/4	R1/4	G1/4	11,0	11,0	23,5	25,5	13	10
B202 3/8	R3/8	G3/8	11,5	11,5	26,0	28,0	17	10
B202 1/2	R1/2	G1/2	14,0	14,0	31,0	33,5	21	10
B202 3/4	R3/4	G3/4	16,0	16,5	33,0	36,5	25	10
B202 1	R1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

B207



FEMALE TEE / ŠROUBENÍ T / T FEMMINA

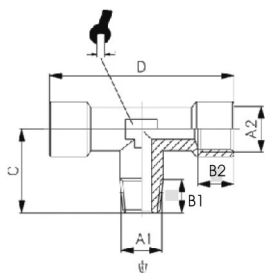


CODE	A	B	C	D		min.pcs.
B207 M5	M5	5	11,0	22,0	9	10
B207 1/8	G1/8	8,0	21,0	42,0	10	10
B207 1/4	G1/4	11,0	25,5	51,0	13	10
B207 3/8	G3/8	11,5	28,0	56,0	17	10
B207 1/2	G1/2	14,0	33,5	67,0	21	10
B207 3/4	G3/4	16,5	36,5	73,0	25	10
B207 1	G1	19,0	45,0	90,0	30	10

B208



MALE FEMALE TEE / T ŠROUBENÍ / T MASCHIO FEMMINA CENTRALE

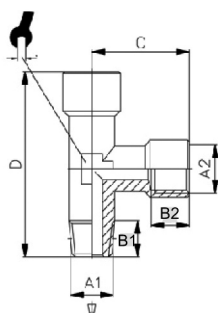


CODE	A1	A2	B1	B2	C	D		min.pcs.
B208 M5	M5	M5	4,0	5,0	11,5	22,0	9	10
B208 1/8	R1/8	G1/8	8,0	8,0	18,5	42,0	10	10
B208 1/4	R1/4	G1/4	11,0	11,0	23,5	51,0	13	10
B208 3/8	R3/8	G3/8	11,5	11,5	26,0	56,0	17	10
B208 1/2	R1/2	G1/2	14,0	14,0	31,0	67,0	21	10
B208 3/4	R3/4	G3/4	16,0	16,5	33,0	73,0	25	10
B208 1	R1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

B206



MALE FEMALE LATERAL TEE / T ŠROUBENÍ / T MASCHIO FEMMINA LATERALE

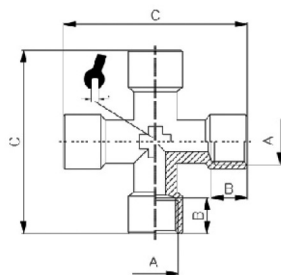


CODE	A1	A2	B1	B2	C	D		min.pcs.
B206 M5	M5	M5	4,0	5,0	11,0	22,5	9	10
B206 1/8	R1/8	G1/8	8,0	8,0	21,0	39,5	10	10
B206 1/4	R1/4	G1/4	11,0	11,0	25,5	49,0	13	10
B206 3/8	R3/8	G3/8	11,5	11,5	28,0	54,0	17	10
B206 1/2	R1/2	G1/2	14,0	14,0	33,5	64,5	21	10
B206 3/4	R3/4	G3/4	16,5	16,5	36,5	69,5	25	10
B206 1	R1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

B212



CROSS FEMALE TEE / KŘÍŽ VNITŘNÍ / CROCE FEMMINA

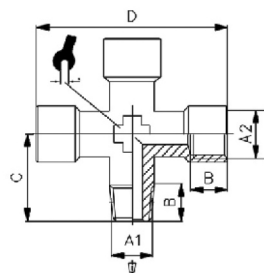


CODE	A	B	C		min.pcs.
B212 1/8	G1/8	8,0	42,0	10	10
B212 1/4	G1/4	11,0	51,0	13	10
B212 3/8	G3/8	11,5	56,0	17	10
B212 1/2	G1/2	14,0	67,0	21	10

B213



MALE FEMALE CROSS TEE / KŘÍŽ VNITŘNÍ 3X, VNĚJŠÍ 1X / CROCE MASCHIO FEMMINA

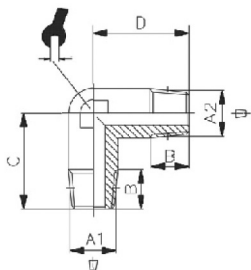



CODE	A1	A2	B	C	D		min.pcs.
B213 1/8	R1/8	G1/8	8,0	18,5	42,0	10	10
B213 1/4	R1/4	G1/4	11,0	23,5	51,0	13	10
B213 3/8	R3/8	G3/8	11,5	26,0	56,0	17	10
B213 1/2	R1/2	G1/2	14,0	31,0	67,0	21	10

B201



MALE ELBOW / ŠROUBENÍ L, VNĚJŠÍ / L MASCHIO

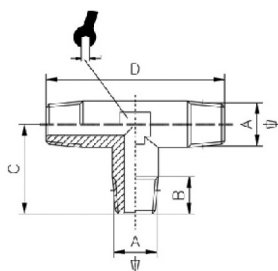



CODE	A1	A2	B1	B2	C	D		min.pcs.
B201 M5	M5	M5	4,0	4,0	11,5	11,5	8	10
B201 1/8	R1/8	R1/8	8,0	8,0	18,5	18,5	10	10
B201 1/4	R1/4	R1/4	11,0	11,0	23,5	23,5	13	10
B201 3/8	R3/8	R3/8	11,5	11,5	26,0	26,0	17	10
B201 1/2	R1/2	R1/2	14,0	14,0	31,0	31,0	21	10
B201 3/4	R3/4	R3/4	16,0	16,0	33,0	33,0	25	10
B201 1	R1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

B204



MALE TEE / ŠROUBENÍ T, VNĚJŠÍ / T MASCHIO

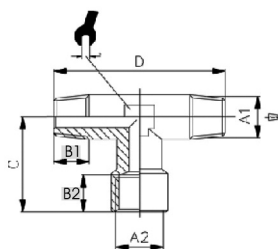



CODE	A	B	C	D		min.pcs.
B204 1/8	R1/8	8,0	18,5	37,0	10	10
B204 1/4	R1/4	11,0	23,5	47,0	13	10
B204 3/8	R3/8	11,5	26,0	52,0	17	10
B204 1/2	R1/2	14,0	31,0	62,0	21	10
B204 3/4	R3/4	16,2	33,0	66,4	25	10
B204 1	R1	17,5	39,0	78,0	30	10

B205



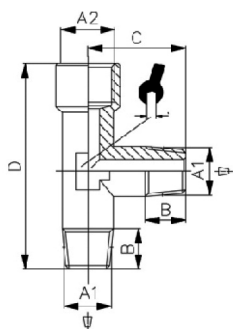
FEMALE MALE TEE / ŠROUBENÍ T / T MASCHIO FEMMINA CENTRALE




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

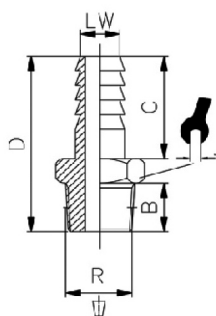
### MALE FEMALE TEE / ŠROUBENÍ T / MASCHIO FEMMINA




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

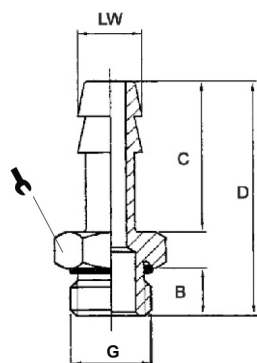
### MALE HOSE ADAPTOR TAPER / AHADICOVÉ HRDLO / PORTAGOMMA MASCHIO CONICO




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 / HADICOVÉ HRDLO / PORTAGOMMA MASCHIO CILINDRICO

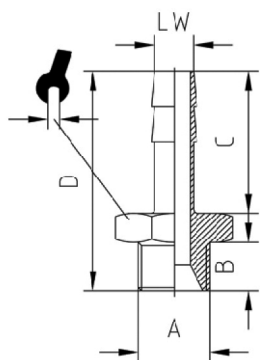



CODE	LW	G	B	C	D		min.pcs.
B227 4,5 M5	4,5	M5	4,5	15,0	23,0	8	10
B227 6 1/8	6,0	G1/8	6,5	19,0	30,0	14	10
B227 6 1/4	6,0	G1/4	8,0	19,0	32,0	17	10
B227 7 1/8	7,0	G1/8	6,5	19,0	30,0	14	10
B227 7 1/4	7,0	G1/4	8,0	19,0	32,0	17	10
B227 8 1/8	8,0	G1/8	6,5	19,0	30,0	14	10
B227 8 1/4	8,0	G1/4	8,0	19,0	32,0	17	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 / HADICOVÉ HRDLO / PORTAGOMMA MASCHIO CILINDRICO

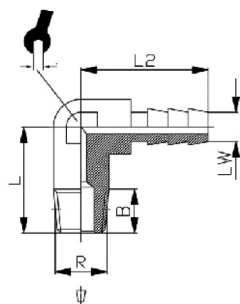



CODE	LW	A	C	B	D		min.pcs.
B226 4,5 M5	4,5	M5	15,0	4,0	22,5	8	10
B226 6 1/8	6,0	G1/8	19,0	6,0	29,5	12	10
B226 6 1/4	6,0	G1/4	19,0	8,0	32,0	14	10
B226 7 1/8	7,0	G1/8	19,0	6,0	29,5	12	10
B226 7 1/4	7,0	G1/4	19,0	8,0	32,0	14	10
B226 8 1/8	8,0	G1/8	19,0	6,0	29,5	12	10
B226 8 1/4	8,0	G1/4	19,0	8,0	32,0	14	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 / HADICOVÉ HRDLO L / PORTAGOMMA A L

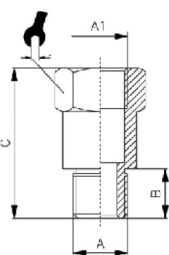



CODE	LW	R	B	L	L1	L2		min.pcs.
B240 6 1/8	6,0	R1/8	8,0	18,5	14,0	22,5	8	10
B240 6 1/4	6,0	R1/4	11,0	23,0	14,0	23,0	9	10
B240 7 1/8	7,0	R1/8	8,0	18,5	14,0	22,5	8	10
B240 7 1/4	7,0	R1/4	11,0	23,0	14,0	23,0	9	10

## B220



EXTENSION CONNECTOR / PRODLUŽENÍ / RIDUZIONE PROLUNGA

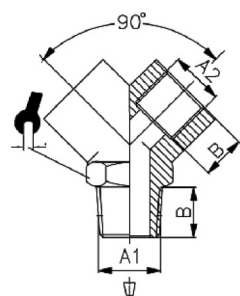



CODE	A	A1	B	C		min.pcs.
B220 181422	G1/8	G1/8	6,0	22,0	14	10
B220 181442	G1/8	G1/8	6,0	42,0	14	10
B220 181451	G1/8	G1/8	6,0	51,0	14	10
B220 141735	G1/4	G1/4	8,0	35,0	17	10
B220 141751	G1/4	G1/4	8,0	51,0	17	10

## B210



MALE FEMALE Y / ŠROUBENÍ Y / Y MASCHIO FEMMINA



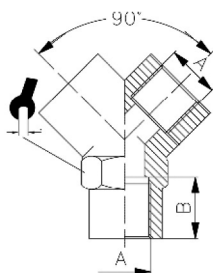
CODE	A	B		min.pcs.
B210 1/8	1/8	8,0	13	10
B210 1/4	1/4	11,0	17	10
B210 3/8	3/8	11,5	20	10
B210 1/2	1/2	14,0	25	10




### B211



FEMALE Y / ŠROUBENÍ Y / Y FEMMINA

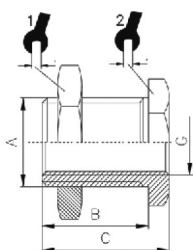




CODE	A	B		min.pcs.
B211 1/8	G1/8	8,0	13	10
B211 1/4	G1/4	11,0	17	10
B211 3/8	G3/8	11,5	20	10
B211 1/2	G1/2	14,0	25	10

### B233



FEMALE BULKHEAD / PŘEPÁŽKOVÉ ŠROUBENÍ / PASSAPARETE FEMMINA

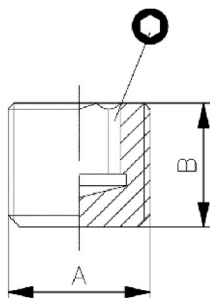



CODE	G	A	B	C			min.pcs.
B233 M5	M5	M10x1	10,5	14,0	14	14	10
B233 1/8	G1/8	M16x1,5	14,0	18,0	22	19	10
B233 1/4	G1/4	M20x1,5	21,0	25,0	27	24	10
B233 3/8	G3/8	M26x1,5	21,0	26,0	32	30	10
B233 1/2	G1/2	M28x1,5	27,0	33,0	36	32	10

### B241



PLUG TAPER / ZÁTKA S VNITŘNÍM ŠESTIHRANEM / TAPPO CONICO

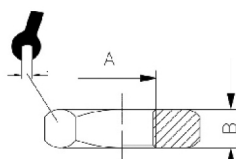



CODE	A	B		min.pcs.
B241 1/8	R1/8	8,0	5	10
B241 1/4	R1/4	10,0	6	10
B241 3/8	R3/8	11,0	8	10
B241 1/2	R1/2	13,0	10	10

### B232



NUT / MATICE / DADO

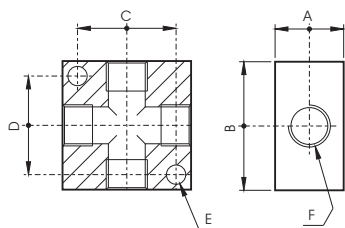


CODE	A	B		min.pcs.
B232 1/8	G1/8	4,5	14	10
B232 1/4	G1/4	5	17	10
B232 3/8	G3/8	5,5	19	10
B232 1/2	G1/2	6	24	10
B232 3/4	G3/4	6	32	10
B232 1	G1	8	38	10

RC



TEE CROSS MANIFOLD / ROZVÁDĚČÍ DESKA, KŘÍŽ / RIPARTITORE A CROCE

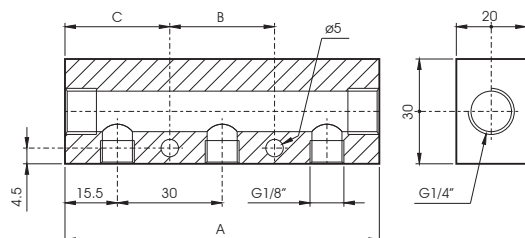


CODE	F	A	B	C	D	E
RC40304502	1/8	16	30	23	22	4,5
RC40304503	1/4	20	40	30	27	5,5
RC40304504	3/8	25	50	38	39	6,5
RC40304505	1/2	25	50	38	39	6,5

RC



SINGLE MANIFOLD 1/4 - 1/8 / ROZVÁDĚČÍ DESKA 1/4 - 1/8 / RIPARTITORE SINGOLO 1/4 - 1/8

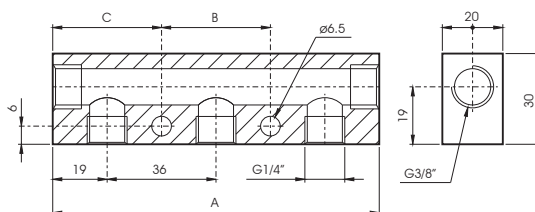


CODE	N°	A	B	C
RC40302407	2	61	50	5,5
RC40302507	3	91	30	30,5
RC40302607	4	121	60	30,5
RC40302707	5	151	90	30,5
RC40302807	6	181	120	30,5

RC



SINGLE MANIFOLD 3/8 - 1/4 / ROZVÁDĚČÍ DESKA 3/8 - 1/4 / RIPARTITORE SINGOLO 3/8 - 1/4

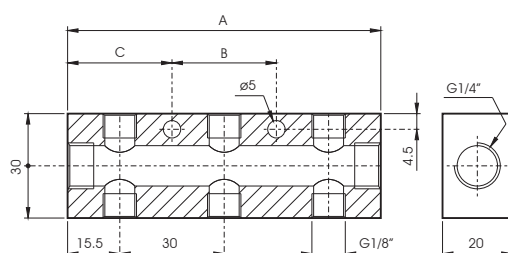


CODE	N°	A	B	C
RC40302417	2	74	61	6,5
RC40302517	3	110	36	37
RC40302617	4	146	72	37
RC40302717	5	182	108	37
RC40302817	6	218	144	37

RC



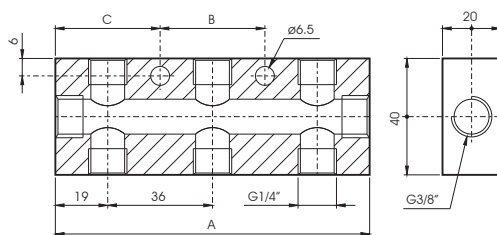
DOUBLE MANIFOLD 1/4 - 1/8 / DVOJITÁ ROZVÁDĚČÍ DESKA 1/4 - 1/8 / RIPARTITORE DOPPIO 1/4 - 1/8



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 / DVOJITÁ ROZVÁDĚČÍ DESKA 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.

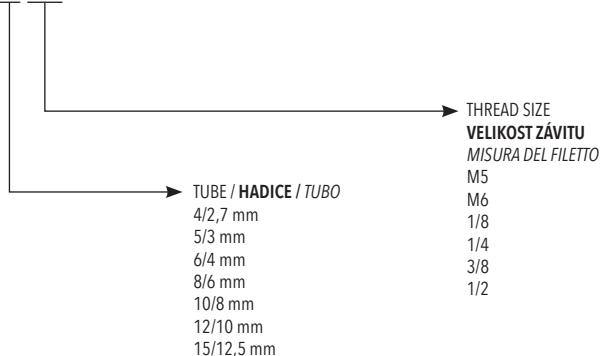
Šroubení s převlečnou maticí se používá hlavně při montáži „plastových“ hadic pro pneumatické prvky zejména v případě vibrací nebo extrémních klimatických podmínek (které zahrnují změny vlastností trubek časem).

Spojení trubek se provádí pomocí převlečné matice.

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 / OBJEDNÁVKOVÝ KÓDS / CHIAVE DI CODIFICA

C 3 0 0 4 1/8

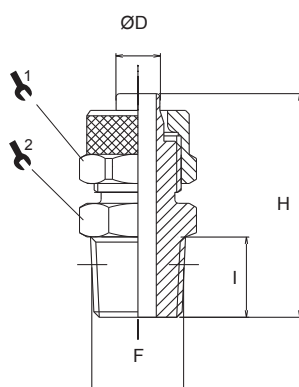


## TECHNICAL DATA / TECHNICKÁ DATA / DATI TECNICI

Fluid / Tekutina / Fluido	Air / Vzduch / Aria
Temperature range / Rozsah provozních teplot / Temperatura di esercizio	- 20°C / +70°C
Max operating pressure / Maximální provozní tlak / Pressione massima	20 bar
Material / Materiál / Materiale	Brass / Mosaz / Ottone UNI EN 12164 CW 614N Brass / Mosaz / Ottone UNI EN 12165 CW 617N
Surface used / Použitý povrch / Trattamento superficiale	Nickel-plating / Niklování / Nichelatura
Threads / Velikost Závitů / Filettature	Parallel / cylindrique / Cilindrica DIN EN ISO 228 Taper / Conique / Conico DIN EN 10226 (DIN 2999) Metric / Métrique / Metrico DIN ISO 262
Recommended tubes / Doporučené hadice / Tubi raccomandati	Nylon, polyethylene, Rilsan, polyurethane Nylon, PE, PVC Rilsan, PU Nylon, polietilene, PVC Rilsan, poliuretano

### C301

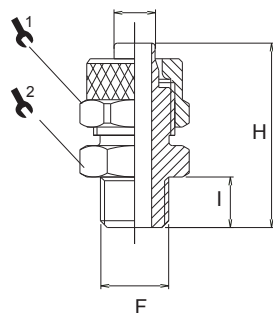
#### STRAIGHT MALE ADAPTOR TAPER / PŘÍMÉ ŠROUBENÍ / DIRITTO MASCHIO CONICO



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

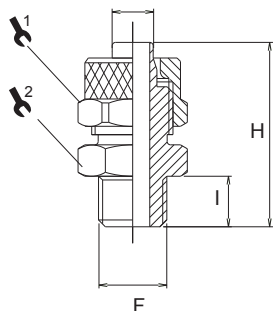
#### STRAIGHT MALE ADAPTOR PARALLEL / PŘÍMÉ ŠROUBENÍ / DIRITTO MASCHIO CILINDRICO



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 / PŘÍMÉ ŠROUBENÍ S O-KROUŽKEM / DIRITTO MASCHIO CILINDRICO CON O-RING

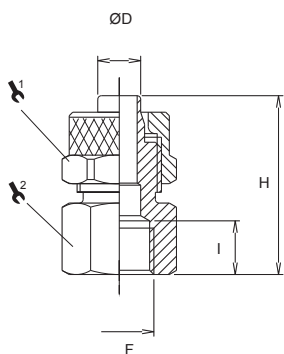


CODE	ØD	F	I	H	1	2	min.pcs.
C302C 4-1/8	4/3	G1/8	-	-	-	-	10
C302C 5-1/8	5/3	G1/8	6,0	23,0	8	14	10
C302C 6-1/8	6/4	G1/8	6,0	25,5	12	14	10
C302C 6-1/4	6/4	G1/4	8,0	28,0	12	17	10
C302C 6-3/8	6/4	G3/8	9,0	29,0	12	19	10
C302C 6-1/2	6/4	G1/2	-	-	-	-	10
C302C 8-1/8	8/6	G1/8	6,0	25,5	14	14	10
C302C 8-1/4	8/6	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 / PŘÍMÉ ŠROUBENÍ VNITŘNÍ / DIRITTO FEMMINA

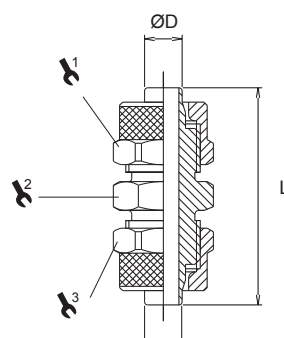


CODE	ØD	F	I	H	↯ <sup>1</sup>	↯ <sup>2</sup>	min.pcs.
C304 4-1/8	4/2,7	G1/8	8,0	21,3	8	14	10
C304 5-1/8	5/3	G1/8	8,0	22,5	8	14	10
C304 6-1/8	6/4	G1/8	8,0	25,0	12	14	10
C304 6-1/4	6/4	G1/4	11,0	29,0	12	17	10
C304 6-3/8	6/4	G3/8	11,5	29,5	12	20	10
C304 8-1/8	8/6	G1/8	8,0	25,0	14	14	10
C304 8-1/4	8/6	G1/4	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 / ŠROUBENÍ I / DIRITTO INTERMEDIO

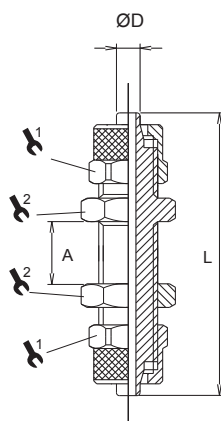


CODE	ØD	L	↯ <sup>1</sup>	↯ <sup>2</sup>	↯ <sup>3</sup>	min.pcs.
C305 4	4/2,7	26,1	8	8	8	10
C305 5	5/3	28,5	8	8	8	10
C305 6	6/4	34,5	12	12	12	10
C305 8	8/6	35,0	14	14	12	10
C305 8-6	8/6x6/4	35,0	14	14	14	10
C305 10	10/8	38,0	16	16	14	10
C305 12	12/10	41,0	18	17	18	10
C305 15	15/12,5	45,5	22	22	22	10

### C306



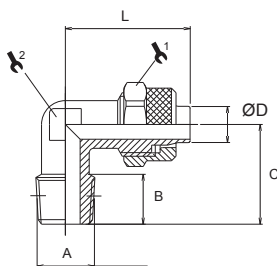
BULKHEAD CONNECTOR / PŘEPÁŽKOVÉ ŠROUBENÍ / DIRITTO PASSAPARETE



CODE	ØD	Amax	L	↯ <sup>1</sup>	↯ <sup>2</sup>	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

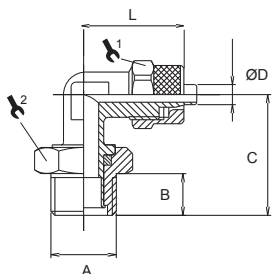
#### MALE ELBOW TAPER / ÚHLOVÉ ŠROUBENÍ L / L MASCHIO CONICO



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

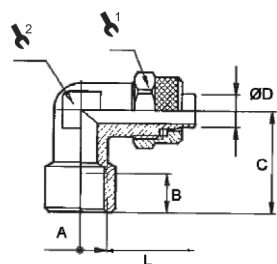
#### ROTARY MALE ELBOW PARALLEL / ÚHLOVÉ ŠROUBENÍ L GIREVOLE MASCHIO CILINDRICO



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

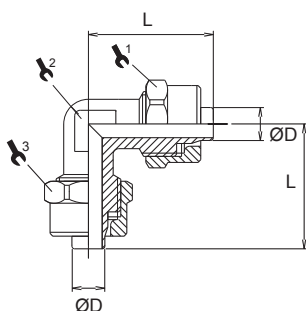
#### FEMALE ELBOW / ÚHLOVÉ ŠROUBENÍ L / L FEMMINA



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 / ŠROUBENÍ L / L INTERMEDIO

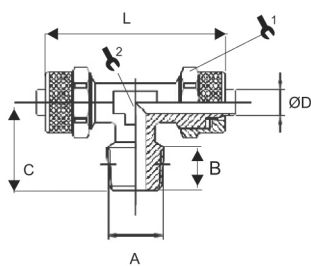


CODE	ØD	L	1	2	3	min.pcs.
C311 4	4/2,7	20,3	8	8	8	10
C311 5	5/3	21,5	8	8	8	10
C311 6	6/4	21,5	12	8	12	10
C311 8	8/6	22,5	12	10	14	10
C311 8-6	8/6x6/4	22,5	14	10	14	10
C311 10	10/8	25,5	16	11	16	10
C311 12	12/10	30,0	18	14	18	10
C311 15	15/12,5	34,0	22	17	22	10

### C313



MALE TEE TAPER / ŠROUBENÍ T / T CENTRALE CONICO

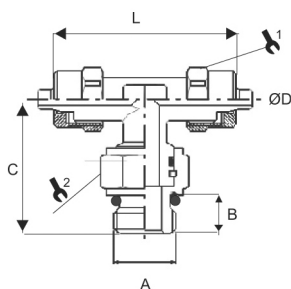


CODE	ØD	A	B	C	L	1	2	min.pcs.
C313 4-1/8	4/2,7	R1/8	8,0	17,0	40,6	8	8	10
C313 5-M5	5/3	M5	4,0	15,0	43,0	8	8	10
C313 5-1/8	5/3	R1/8	8,0	17,0	43,0	8	8	10
C313 6-1/8	6/4	R1/8	8,0	17,0	45,0	11	8	10
C313 6-1/4	6/4	R1/4	11,0	20,5	45,5	11	10	10
C313 6-3/8	6/4	R3/8	11,5	22,5	47,0	12	11	10
C313 8-1/8	8/6	R1/8	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 / ŠROUBENÍ T / T CENTRALE CILINDRICO

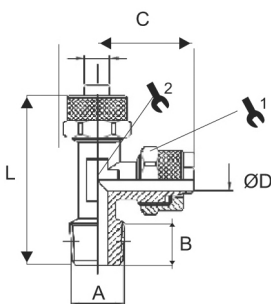


CODE	ØD	A	B	C	L	1	2	min.pcs.
C313C 4-1/8	4/2,7	G1/8	6,0	25,7	45,0	8	13	10
C313C 6-1/8	6/4	G1/8	6,0	25,7	45,0	12	13	10
C313C 6-1/4	6/4	G1/4	8,0	29,0	45,5	12	16	10
C313C 8-1/8	8/6	G1/8	6,0	26,0	45,5	10	14	10
C313C 8-1/4	8/6	G1/4	8,0	28,0	45,5	14	16	10
C313C 10-1/4	10/8	G1/4	8,0	29,0	51,0	16	16	10

### C314



LATERAL MALE TEE TAPER / ŠROUBENÍ T / T LATERALE CONICO



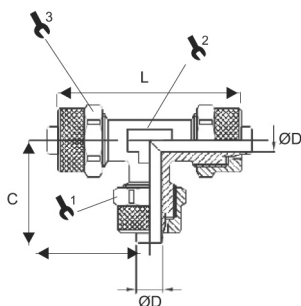
CODE	ØD	A	B	C	L	1	2	min.pcs.
C314 4-1/8	4/2,7	R1/8	8,0	21,5	38,0	8	8	10
C314 5-M5	5/3	M5	4,0	21,5	36,5	8	8	10
C314 5-1/8	5/3	R1/8	8,0	21,5	38,5	8	8	10
C314 6-1/8	6/4	R1/8	8,0	22,5	39,5	12	8	10
C314 6-1/4	6/4	R1/4	11,0	22,5	42,5	12	10	10
C314 6-3/8	6/4	R3/8	11,5	24,0	46,5	12	11	10
C314 8-1/8	8/6	R1/8	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 / ŠROUBENÍ T / INTERMEDIO

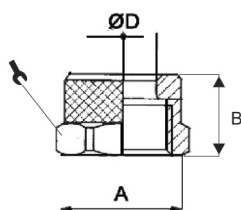


CODE	ØD	C	L	Ø <sub>1</sub>	Ø <sub>2</sub>	Ø <sub>3</sub>	min.pcs.
C315 4	4/2,7	20,3	20,3	8	8	8	10
C315 5	5/3	21,5	43,0	8	8	8	10
C315 6	6/4	22,5	45,0	12	8	12	10
C315 8-6	8/6x6/4	22,5	45,0	14	10	14	10
C315 8	8/6	22,5	45,0	12	10	14	10
C315 10	10/8	25,5	51,0	16	11	16	10
C315 12	12/10	30,0	60,0	18	14	18	10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

### C322



#### NUT / MATICE / DADO

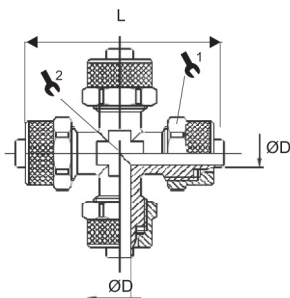


CODE	ØD	A	B	Ø	min.pcs.
C322 4	4/2,7	M6x0,5	8,1	8	10
C322 5	5/3	M7x0,75	8,5	8	10
C322 6-8	6/4	M8x0,75	9,0	9	10
C322 6	6/4	M10x1	10,5	12	10
C322 8	8/6	M12x1	10,5	14	10
C322 10	10/8	M14x1	11,5	16	10
C322 12	12/10	M16x1	13,0	18	10
C322 15	15/12,5	M20x1	15,5	22	10

### C312



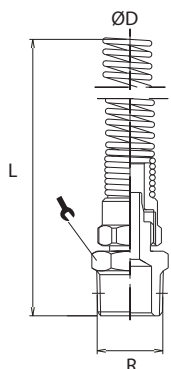
#### CROSS UNION / KŘÍŽOVÉ ŠROUBENÍ / CROCE INTERMEDIO





CODE	ØD	L	Ø <sub>1</sub>	Ø <sub>2</sub>	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

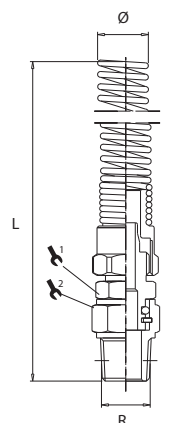
MALE CONNECTOR SWIVEL WITH SPRING PARALLEL / ŠROUBENÍ PŘÍMÉ S PRUŽINOU  
DIRITTO MASCHIO GIREVOLE CONICO CON MOLLA





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

### E534

MALE CONNECTOR SWIVEL WITH SPRING TAPER / ŠROUBENÍ PŘÍMÉ S PRUŽINOU  
DIRITTO MASCHIO GIREVOLE CONICO CON MOLLA

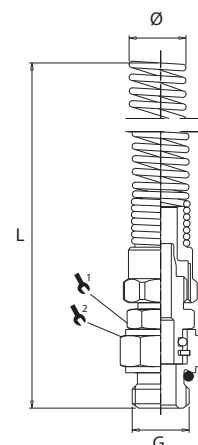




CODE	TUBO	R	L			min.pcs.
E534 6/4 1/4	6/4	1/4	118,9	15	13	10
E534 8/5 1/4 *	8/5	1/4	124,4	13	13	10
E534 8/6 1/4	8/6	1/4	124,4	16	16	10
E534 10/6,5 1/4 *	10/6,5	1/4	132,4	16	16	10
E534 10/8 1/4	10/8	1/4	132,4	13	13	10
E534 12/8 3/8	12/8	3/8	141,9	16	16	10
E534 12/10 3/8	12/10	3/8	141,9	16	16	10

\* Special measures for PU tube  
Zvláštní opatření pro PU trubice  
Misure specifiche per tubo in poliuretano

### E535

ROTARY MALE CONNECTOR SWIVEL WITH SPRING PARALLEL / ŠROUBENÍ PŘÍMÉ OTOČNÉ S PRUŽINOU  
DIRITTO MASCHIO GIREVOLE CON MOLLA

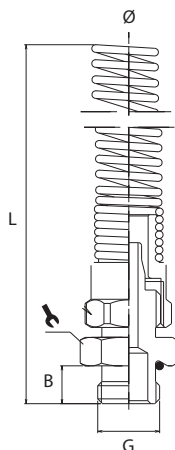



CODE	TUBO	R	L			min.pcs.
E535 6/4 1/8	6/4	1/8	116,9	13	13	10
E535 6/4 1/4	6/4	1/4	118,9	13	13	10
E535 8/5 1/8 *	8/5	1/8	122,4	16	16	10
E535 8/5 1/4 *	8/5	1/4	124,4	13	13	10
E535 8/6 1/8	8/6	1/8	122,4	16	16	10
E535 8/6 1/4	8/6	1/4	124,4	16	16	10
E535 10/6,5 1/4 *	10/6,5	1/4	132,4	16	16	10
E535 10/8 1/4	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  
Zvláštní opatření pro PU trubice  
Misure specifiche per tubo in poliuretano

### E536

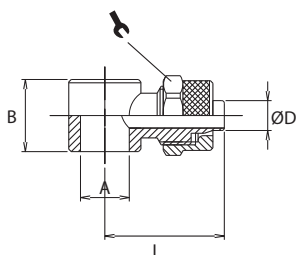
FIXED MALE CONNECTOR WITH SPRING PARALLEL / ŠROUBENÍ PŘÍMÉ S PRUŽINOU, NA PEVNO  
DIRITTO MASCHIO FISSO CILINDRICO CON MOLLA




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

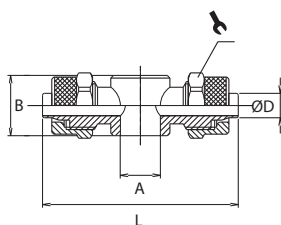
SINGLE BANJO BODY / SAMOSTATNÉ BANJO / ANELLO ORIENTABILE SINGOLO




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 / DVOJITÉ BANJO / ANELLO ORIENTABILE DOPPIO

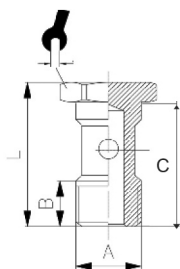



CODE	ØD	A	B	L		min.pcs.
C317 4/2,7-1/8	4/2,7	G1/8	14,5	42,6	8	10
C317 5/3-1/8	5/3	G1/8	14,5	45,0	8	10
C317 6/4-1/8	6/4	G1/8	14,5	48,0	12	10
C317 6/4-1/4	6/4	G1/4	14,5	52,0	12	10
C317 8/6-1/8	8/6	G1/8	14,5	48,0	14	10
C317 8/6-1/4	8/6	G1/4	14,5	52,0	14	10
C317 10/8-1/4	10/8	G1/4	14,5	55,0	16	10

### C319



#### SINGLE STEM / SAMOSTATNÝ ŠROUB PRO BANJO / ASTA SINGOLA

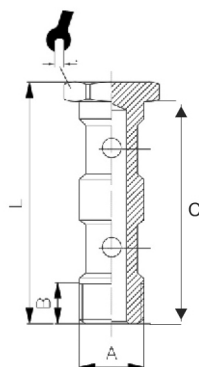



CODE	A	B	C	L		min.pcs.
C319 M5	M5	6,0	14,5	18,0	8	10
C319 M6	M6	6,0	14,5	18,5	8	10
C319 1/8	G1/8	8,0	23,0	27,0	14	10
C319 1/4	G1/4	11,0	25,0	29,5	17	10

### C321



#### DOUBLE STEM / DVOJITÝ ŠROUB PRO BANJO / ASTA DOPPIA

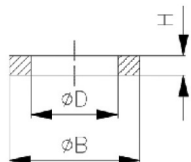


CODE	A	B	C	L		min.pcs.
C321 1/8	G1/8	8,0	39,0	43,0	14	10
C321 1/4	G1/4	11,0	41,0	45,5	17	10

### C327



#### NYLON WASHER / NYLONOVÁ PODLOŽKA / DISTANZIALE NYLON

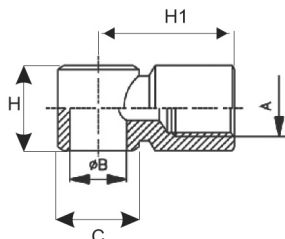


CODE	ØD	ØB	H	min.pcs.
C327 1/8	10,0	14,0	5,0	10
C327 1/4	13,2	17,5	5,0	10

### C318



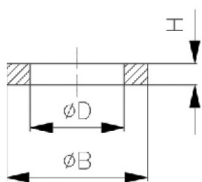
#### FEMALE SINGLE BANJO / SAMOSTATNÉ BANJO ZÁVITOVÉ VNITŘNÍ / ANELLO GIREVOLE FEMMINA



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

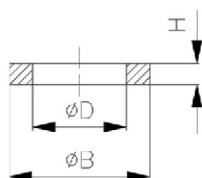
NYLON NOTCHED WASHER / NYLONOVÁ VROBKOVÁ PODLOŽKA / RONDELLA NYLON DENTELLATA



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

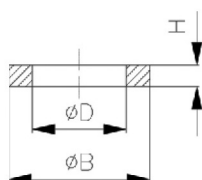
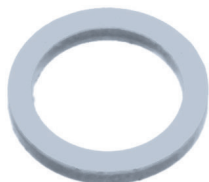
NYLON WASHER / NYLONOVÁ PODLOŽKA / RONDELLA NYLON



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 / HLINÍKOVÁ PODLOŽKA / 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.

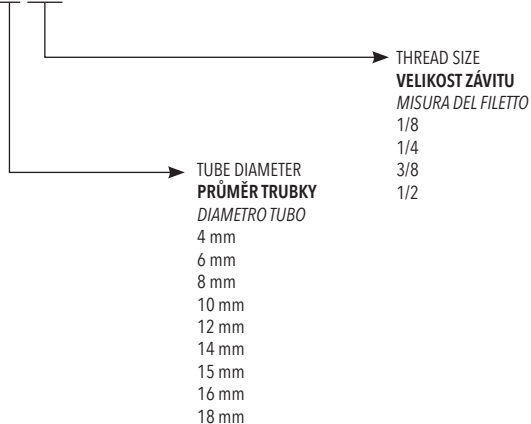
Compression fittings are suitable for the assembly of rigid tubes (copper, brass,...); for possible use of "plastic" tubes a special stiffener (cod. D414) is necessary to be inserted in the tube until the suitable support. All fittings belonging to this category have been planned according to DIN rules which control the product.

**Šroubení se zářezným prstenem jsou vhodné pro montáž pevných trubek (mosaz, měď.). Pro použití plastových hadic je nutné použít při montáži vnitřní dutinku, aby došlo k těsnosti spoje. Dutinky jsou pod kódem d414. Veškeré šroubení je dle din norem.**

*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 / OBJEDNÁVKOVÝ KÓDS / CHIAVE DI CODIFICA

D 4 0 0 6 1/8

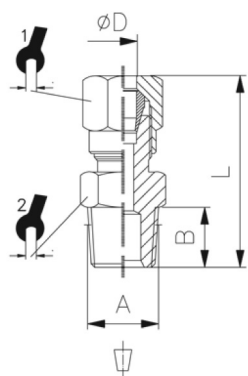


## TECHNICAL DATA / TECHNICKÁ DATA / DATI TECNICI

Fields of application / <b>Domaine d'application</b> / Campi di impiego	Pneumatic and hydraulic systems <b>Pneumatické a hydraulické systémy</b> Circuiti pneumatici e idraulici
Temperature range / <b>Rozsah provozních teplot</b> / Temperatura di esercizio	-20°C / +80°C
Max operating pressure / <b>Maximální provozní tlak</b> / Pressione massima	60 bar
Material / <b>Materiál</b> / Materiale	Brass / <b>Mosaz</b> / Ottone UNI EN 12164 CW 614N Brass / <b>Mosaz</b> / Ottone UNI EN 12165 CW 617N
Surface used / <b>Povrchová úprava</b> / Trattamento superficiale	Nickel-plating / <b>Niklování</b> / Nichelatura
Recommended tubes / <b>Doporučené zkumavky</b> / Tubi raccomandati	For metal pipes (copper, brass, steel, aluminium etc.) <b>Kovové trubky (měď, mosaz, ocel, aluminium etc.)</b> Tubi metallici (rame, ottone, acciaio, alluminio ecc.)

D401

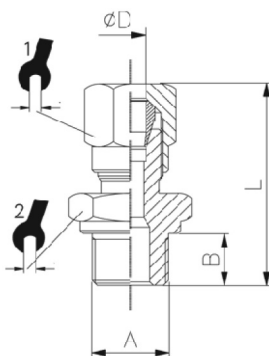
STRAIGHT MALE ADAPTOR TAPER / ŠROUBENÍ PŘÍMÉ / DIRITTO MASCHIO CONICO



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

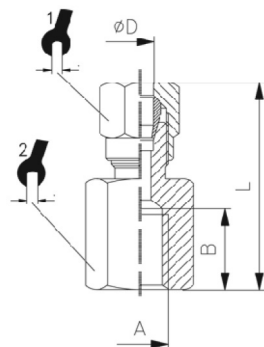
STRAIGHT MALE ADAPTOR PARALLEL / ŠROUBENÍ PŘÍMÉ / DIRITTO MASCHIO CILINDRICO



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 / ŠROUBENÍ PŘÍMÉ VNITŘNÍ / DIRITTO FEMMINA

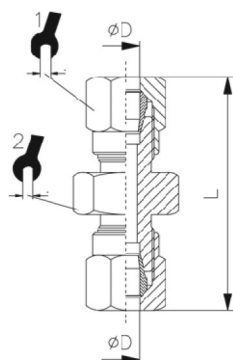


CODE	ØD	A	B	L	1	2	min.pcs.
D403 4-1/8	4	G1/8	8,0	24,5	10	14	10
D403 6-1/8	6	G1/8	8,0	26,0	12	14	10
D403 6-1/4	6	G1/4	11,0	30,5	12	17	10
D403 8-1/8	8	G1/8	8,0	26,5	14	14	10
D403 8-1/4	8	G1/4	11,0	31,0	14	17	10
D403 8-3/8	8	G3/8	11,5	31,0	14	20	10
D403 10-1/4	10	G1/4	11,0	35,5	19	17	10
D403 10-3/8	10	G3/8	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 / SPOJKA / DIRITTO INTERMEDIO

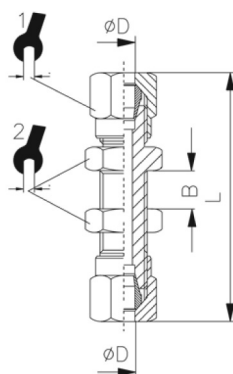


CODE	ØD	L	1	2	min.pcs.
D404 4	4,0	33,5	10	10	10
D404 6	6,0	36,5	12	12	10
D404 8	8,0	38,5	14	14	10
D404 10	10,0	47,5	19	17	10
D404 12	12,0	50,5	22	19	10
D404 14	14,0	55,5	27	24	10
D404 15	15,0	55,5	27	24	10
D404 16	16,0	58,0	30	24	10
D404 18	18,0	60,0	32	26	10

D416



BULKHEAD CONNECTOR / PŘEPÁŽKOVÉ ŠROUBENÍ / DIRITTO INTERMEDIO PASSALAMIERA

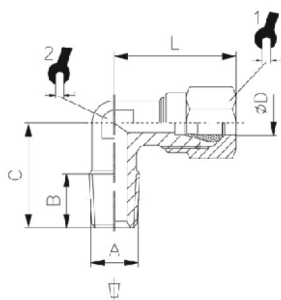


CODE	ØD	Bmax	L	1	2	min.pcs.
D416 6	6,0	15,5	51,5	12	14	10
D416 8	8,0	16,5	55,5	14	16	10
D416 10	10,0	15,5	62,5	19	19	10
D416 12	12,0	16,0	64,5	22	22	10
D416 14	14,0	18,0	69,5	27	25	10
D416 15	15,0	18,0	69,5	27	25	10

D405



MALE ELBOW TAPER / ÚHLOVÉ ŠROUBENÍ L / L MASCHIO CONICO



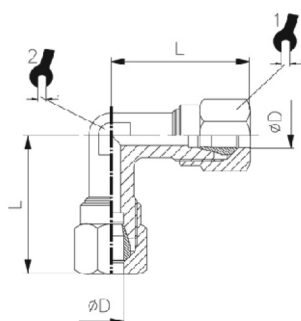
CODE	ØD	A	B	C	L	1	2	min.pcs.
D405 4-1/8	4	R1/8	8,0	16,0	21,0	10	9	10
D405 6-1/8	6	R1/8	8,0	16,0	22,0	12	9	10
D405 6-1/4	6	R1/4	11,0	20,0	24,5	12	11	10
D405 8-1/8	8	R1/8	8,0	17,0	24,0	14	11	10
D405 8-1/4	8	R1/4	11,0	20,0	24,0	14	11	10
D405 8-3/8	8	R3/8	11,5	24,0	27,0	14	13	10
D405 10-1/4	10	R1/4	11,0	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 / ŠROUBENÍ L / L'INTERMEDIO

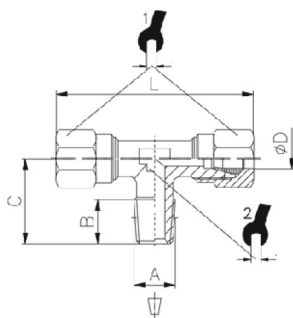


CODE	ØD	L	↖	↗	min.pcs.
D407 4	4,0	21,0	10	9	10
D407 6	6,0	23,0	12	9	10
D407 8	8,0	24,0	14	11	10
D407 10	10,0	32,0	19	13	10
D407 12	12,0	34,5	22	15	10
D407 14	14,0	38,0	27	17	10
D407 15	15,0	38,0	27	17	10
D407 16	16,0	39,5	30	19	10
D407 18	18,0	44,0	32	22	10

D409



MALE TEE / ŠROUBENÍ T / T MASCHIO CENTRALE

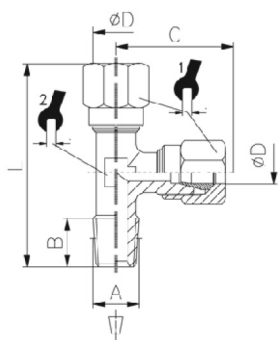


CODE	ØD	A	B	C	L	↖	↗	min.pcs.
D409 4-1/8	4,0	R1/8	8,0	16,0	42,0	10	9	10
D409 6-1/8	6,0	R1/8	8,0	16,0	46,0	12	9	10
D409 6-1/4	6,0	R1/4	11,0	20,0	48,0	12	11	10
D409 8-1/8	8,0	R1/8	8,0	17,0	48,0	14	11	10
D409 8-1/4	8,0	R1/4	11,0	20,0	48,0	14	11	10
D409 8-3/8	8,0	R3/8	11,5	24,0	54,0	14	13	10
D409 10-1/4	10,0	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 / ŠROUBENÍ T / T LATERALE

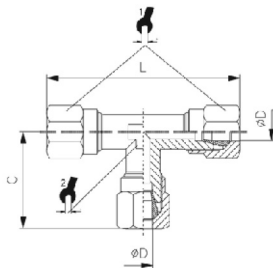


CODE	ØD	A	B	C	L	↖	↗	min.pcs.
D410 4-1/8	4,0	R1/8	8,0	21,0	37,0	10	9	10
D410 6-1/8	6,0	R1/8	8,0	23,0	39,0	10	9	10
D410 6-1/4	6,0	R1/4	11,0	24,5	44,5	12	11	10
D410 8-1/8	8,0	R1/8	8,0	24,0	41,0	14	11	10
D410 8-1/4	8,0	R1/4	11,0	24,0	44,0	14	11	10
D410 8-3/8	8,0	R3/8	11,5	27,0	51,0	14	13	10
D410 10-1/4	10,0	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 / ŠROUBENÍ T / T INTERMEDIO

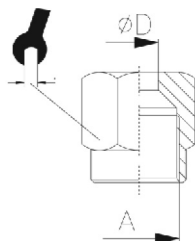


CODE	ØD	C	L	⚡	⚡	min.pcs.
D408 4	4,0	21,0	42,0	10	9	10
D408 6	6,0	23,0	46,0	12	9	10
D408 8	8,0	24,0	48,0	14	11	10
D408 10	10,0	32,0	64,0	19	13	10
D408 12	12,0	34,5	69,0	22	15	10
D408 14	14,0	38,0	76,0	27	17	10
D408 15	15,0	38,0	76,0	27	17	10
D408 16	16,0	39,5	79,0	30	19	10
D408 18	18,0	44,0	88,0	32	22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

D411



NUT / MATICE / DADO

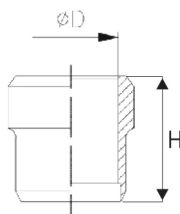


CODE	ØD	A	⚡	min.pcs.
D411 4	4,0	M8x1	10	10
D411 6	6,0	M10x1	12	10
D411 8	8,0	M12x1	14	10
D411 10	10,0	M16x1,5	19	10
D411 12	12,0	M18x1,5	22	10
D411 14	14,0	M22x1,5	27	10
D411 15	15,0	M22x1,5	27	10
D411 16	16,0	M24x1,5	30	10
D411 18	18,0	M26x1,5	32	10

D412



CONE / ZÁŘEZNÝ PRSTÝNEK / CONO

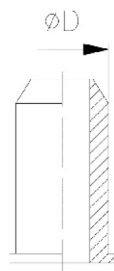


CODE	ØD	H	min.pcs.
D412 4	4,0	6,0	10
D412 6	6,0	7,0	10
D412 8	8,0	7,0	10
D412 10	10,0	10,0	10
D412 12	12,0	10,0	10
D412 14	14,0	10,0	10
D412 15	15,0	10,0	10
D412 16	16,0	10,0	10
D412 18	18,0	10,5	10

D414



INTERNAL SUPPORT / DUTINKA PRO PLASTOVÉ HADICE / 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.

**Tyto rychlospojky umožňují odpojení vzduchu jednoduše a rychle od hlavního zdroje bez dalších úniků. Řada je složena ze série Universal, která umožňuje připojit spojku (nazývanou univerzální) ke 3 typům spojek. S italským - USA - německým profilem a sérií Mini, které se používají, když je třeba sníženého průtoku, nebo menší zástavby.**

*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 / OBJEDNÁVKOVÝ KÓDS / CHIAVE DI CODIFICA

E 5 0 0 1/8

→ THREAD SIZE / VELIKOST ZÁVITU / MISURA DEL FILETTO

1/8 - 1/4 - 3/8 - 1/2

TUBE SIZE / ROZMĚR HADICE / MISURA TUBO

4X6 - 6X8 - 8X10 - 10X12 - 6X14 - 7X16 - 8X17 - 10X17 - 10X19

#### TECHNICAL DATA / TECHNICKÁ DATA / DATI TECNICI

Fluid / Tekutina / Fluido	Air / Vzduch / Aria
Temperature range / Rozsah provozních teplot / Temperatura di esercizio	-20°C / +70°C
Max operating pressure / Maximální provozní tlak / Pressione massima di esercizio	10 bar
Material / Materiál / Materiale	Brass / Mosaz / Ottone UNI EN 12164 CW 614N Brass / Mosaz / Ottone UNI EN 12165 CW 617N
Surface used / Povrchová úprava / Trattamento superficiale	Nickel-plating / Niklování / Nichelatura

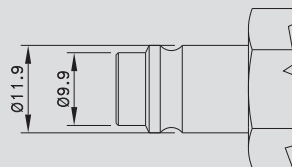
#### AVAILABLE SERIES / DOSTUPNÉ SÉRIE / SERIE DISPONIBILI

##### UNIVERSAL SERIES / UNIVERZÁLNÍ SÉRIE / SERIE UNIVERSALE

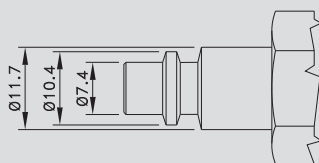
Universal series is suitable for Italian, German, Usa, and Swiss profiles  
**Univerzální řada je vhodná pro italské, německé, usa a švýcarské profily.**

*La serie universale è adattabile ai profili: italia, Germania, Usa, Svizzera.*

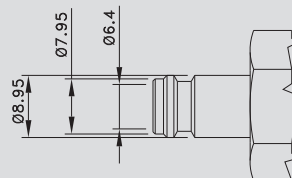
##### GERMAN SERIES / NĚMECKÁ SÉRIE / SERIE GERMANIA



##### ITALIAN SERIES / ITALSKÁ SÉRIE / SERIE ITALIA




##### MINI SERIES / MINI SERIES / SERIE MINI



**E501**

UNIVERSAL MALE QUICK COUPLER / **UNIVERZÁLNÍ RYCHLOSPJKKA VNĚJŠÍ** / *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 / **UNIVERZÁLNÍ RYCHLOSPJKKA VNITŘNÍ** / *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 / **UNIVERZÁLNÍ RYCHLOSPJKKA NA HADICI** / *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 / **UNIVERZÁLNÍ RYCHLOSPJKKA NA HADICI S PRUŽINOU** / *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 / UNIVERZÁLNÍ RYCHLOSPOJKA NA HADICI S HRDLEM / 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 / RYCHLOSPOJKA VNĚJŠÍ SAMEC / 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 / RYCHLOSPOJKA VNITŘNÍ SAMEC / 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 / RYCHLOSPOJKA NA HADICI SAMEC / INNESTO RAPIDO PROFILO ITALIANO PORTA-GOMMA




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 / RYCHLOSPOJKA ITALSKÉ SÉRIE S PRUŽINOU / 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 / RYCHLOSPOJKA NĚMECKÁ SÉRIE / 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 / RYCHLOSPOJKA NĚMECKÁ SÉRIE / 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 / RYCHLOSPOJKA NĚMECKÉ SÉRIE S PRUŽINOU / 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 RYCHLOSPOJKA** / *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**

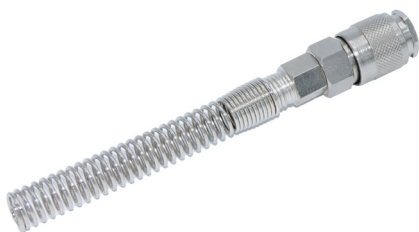
MINI FEMALE QUICK COUPLER / **MINI RYCHLOSPOJKA** / *ATTACCO RAPIDO FEMMINA SERIE MINI*




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 RYCHLOSPOJKA S PRUŽINOU** / *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 RYCHLOSPOJKA S PŘEVLEČNOU MATICÍ** / *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 RYCHLOSPOJKA PŘEPÁŽKOVÁ** / *ATTACCO RAPIDO PASSAPARETE SERIE MINI*




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

**E544**

MINI MALE CONNECTOR / **MINI RYCHLOSPOJKA SAMEC** / *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 RYCHLOSPOJKA SAMEC** / *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 RYCHLOSPOJKA SAMEC S PRUŽINOU** / *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 RYCHLOSPOJKA SAMEC S PŘEVLEČNOU MATICÍ** / *INNESTO A CALZAMENTO SERIE MINI*



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



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.

Inovativní zkumavka ECOPA umožňuje kombinaci nejlepších chemických a fyzikálních vlastností polyuretanu a polyamidu v jedinečném produktu. Zkumavky ECOPA, realizované se speciální směsí polyuretanu a polyamidu, zaručují:

- Vysoká flexibilita
- Vynikající poloměry ohybu (stejně jako PU Sh98A)
- Velmi dobré tolerance (podobné PA12 PHL)
- Dobrá odolnost vůči hydrolyze (stejně jako PA12 PHL)
- Dobrá chemická odolnost (vyšší než PU Sh98A)
- Vynikající teplotní odolnost (vyšší než PU Sh98A)

Díky velmi těsným poloměrům ohybu, vysokým tlakům do 12 barů (spíše než standardním 8 barů pro polyuretan) a jejich snadné připevnění na armatury (zejména u zasunovacích), jsou tyto trubky vhodné pro použití v průmyslové pneumatické automatizaci.

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 miscela 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 / TECHNICKÁ DATA / DATI TECNICI

Fluid / Tekutina / Fluido	Air / Vzduch / Aria
Temperature range / Rozsah provozních teplot / Temperatura di esercizio	-40°C / +100°C
Tubes length / Délka trubek / Lunghezza tubi	100 mt - box: 25mt
Tolerance on external diameter / Tolerance na vnějším průměru / Tolleranze sul diametro esterno	4 ÷ 12 mm +/- 0,10 mm 12 ÷ 14 mm +/- 0,15 mm

### PC100

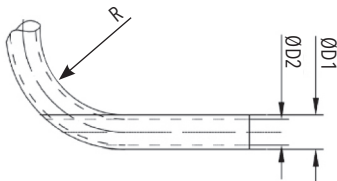


#### 100 MT ROLL / VÁLEC 100 MT / ROLO DA 100 MT

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	○ ● ●

R= Ray of curve (23°C) / Paprsek křivky (bar 23 ° C) / Raggio di curva (bar 23°C)  
 PU= Use pressure (23°C) / Provozní tlak (bar 23 ° C) / Pressione di utilizzo (bar 23°C)  
 PS= Burst pressure (23°C) / Tlak při roztržení (23 ° C) / Pressione di scoppio (23°C)

(1) Colors / Barva / Colori= N: Neutral / Neutrální / Neutro  
 B: Black / Černá / Nero  
 A: Light blue / Světle modrá / Azzurro



### PC025

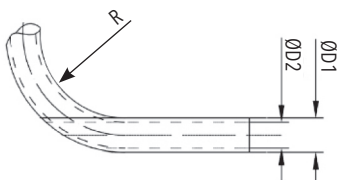


#### BOX OF 25 MT / BOX OF 25 MT / SCATOLA DA 25 MT

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	○ ● ●

R= Ray of curve (23°C) / Paprsek křivky (bar 23 ° C) / Raggio di curva (bar 23°C)  
 PU= Use pressure (23°C) / Provozní tlak (bar 23 ° C) / Pressione di utilizzo (bar 23°C)  
 PS= Burst pressure (23°C) / Tlak při roztržení (23 ° C) / Pressione di scoppio (23°C)

(1) Colors / Barva / Colori: N: Neutral / Neutrální / Neutro  
 B: Black / Černá / Nero  
 A: Light blue / Světle modrá / Azzurro





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
- High flexibility

**Chemické vlastnosti hadice PA10.12 plně překrývají hadice PA11. Z tohoto důvodu je hadice PA10.12 používána nejen v automobilovém průmyslu, ale i ve více náročných průmyslových aplikacích a nabízi:**

- **Velmi dobré rozměrové vlastnosti**
- **Velmi dobrou chemickou a mechanickou odolnost**
- **Široký teplotní rozsah**
- **Vysoká flexibilita**

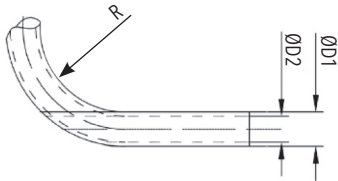
*Le caratteristiche chimiche del PA10.12, lo rendono del tutto sovrapponibile sia a quelli realizzati in PA11 che in PA12. Per questo motivo, il tubo in PA10.12 è impiegato sia nell'industria automotive che nelle applicazioni industriali più stressanti, offrendo:*

- *Ottima stabilità dimensionale*
- *Ottima resistenza chimica e meccanica*
- *Larga temperatura di esercizio*
- *Grande Flessibilità*

### TECHNICAL DATA / TECHNICKÁ DATA / DATI TECNICI

Fluid / Tekutina / Fluido	Air / Vzduch / Aria
Temperature range / Rozsah provozních teplot / Temperatura di esercizio	-60°C / +130°C
Tubes length / Délky hadic / Lunghezza tubi	100 mt - box: 25mt
Tolerance on external diameter / Tolerance na vnějším průměru / Tolleranze sul diametro esterno	3 ÷ 10 mm +/- 0,10 mm 11 ÷ 19 mm +/- 0,15 mm

### PA100



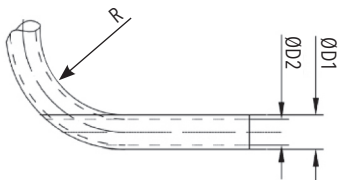
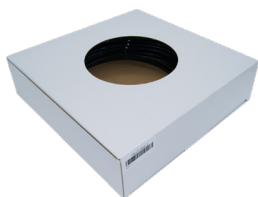
#### 100 MT ROLL / BALENÍ 100 M / ROTOLO DA 100 MT

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) / **Rádus (bar 23 ° C) / Raggio di curva (bar 23°C)**  
 PU= Use pressure (23°C) / **Provozní tlak (bar 23 ° C) / Pressione di utilizzo (bar 23°C)**  
 PS= Burst pressure (23°C) / **Tlak při roztržení (23 ° C) / Pressione di scoppio (23°C)**

(1) Colors / **Barva / Colori:** N: Neutral / **Neutrální / Neutro**  
 B: Black / **Černá / Nero**  
 A: Light blue / **Světle modrá / Azzurro**

### PA025



#### BOX OF 25 MT / BALENÍ 25 M / 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) / **Rádus (bar 23 ° C) / Raggio di curva (bar 23°C)**  
 PU= Use pressure (23°C) / **Provozní tlak (bar 23 ° C) / Pressione di utilizzo (bar 23°C)**  
 PS= Burst pressure (23°C) / **Tlak při roztržení (23 ° C) / Pressione di scoppio (23°C)**

(1) Colors / **Barva / Colori:** N: Neutral / **Neutrální / Neutro**  
 B: Black / **Černá / Nero**  
 A: Light blue / **Světle modrá / Azzurro**



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

Polyuretan je velmi všestranný materiál a může být použit různých oblastech průmyslu díky své extrémní odolnosti vůči oděru a jeho flexibilitě.

- Vynikající odolnost proti oděru
- Vyjimečná flexibilita (velmi nízký modul E) i při nízkých teplotách (-40 °C)
- Vynikající odolnost proti roztržení, řezání a perforaci
- Vynikající mechanické vlastnosti
- Nízká možnost zalomení díky dosažitelným poloměům ohybu
- Dobrá průhlednost
- Odolné vůči olejům a agresivním látkám

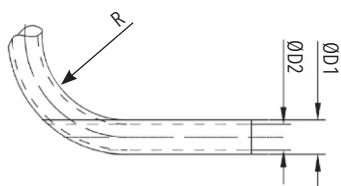
Il Poliuretano è un materiale molto versatile e trova applicazione nei più svariati settori: produzione di film plastici, suola delle calzature, attrezzature sportive, ecc. grazie alla estrema resistenza all'abrasione e alla sua flessibilità.

- 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 stretti raggi di curvatura ottenibili
- Buona trasparenza
- Resistente agli oli e ai grassi

## TECHNICAL DATA / TECHNICKÁ DATA / DATI TECNICI

Fluid / Tekutina / Fluido	Air / Vzduch / Aria
Temperature range / Rozsah provozních teplot / Temperatura di esercizio	-40°C / +60°C
Tubes length / Délky hadic / Lunghezza tubi	100 mt - box: 25mt
Tolerance on external diameter / Tolerance na vnějším průměru / Tolleranze sul diametro esterno	4 ÷ 8 mm +/- 0,10 mm 10 ÷ 12 mm +/- 0,15 mm

### PU100



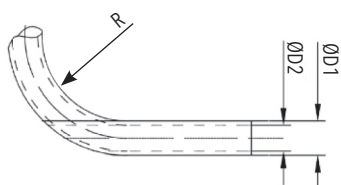
#### 100 MT ROLL / BALENÍ 100 M / ROTOLO DA 100 MT

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) / Rádus (bar 23 °C) / Raggio di curva (bar 23°C)  
PU= Use pressure (23°C) / Provozní tlak (bar 23 °C) / Pressione di utilizzo (bar 23°C)  
PS= Burst pressure (23°C) / Tlak při roztržení (23 °C) / Pressione di scoppio (23°C)

(1) Colors / Barva / Colori: N: Neutral / Neutrální / Neutro  
B: Black / Černá / Nero  
A: Light blue / Světle modrá / Azzurro

### PU025



#### BOX OF 25 MT / BALENÍ 25 M / 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) / Paprsek křivky (bar 23 °C) / Raggio di curva (bar 23°C)  
PU= Use pressure (23°C) / Provozní tlak (bar 23 °C) / Pressione di utilizzo (bar 23°C)  
PS= Burst pressure (23°C) / Tlak při roztržení (23 °C) / Pressione di scoppio (23°C)

(1) Colors / Barva / Colori: N: Neutral / Neutrální / Neutro  
B: Black / Černá / Nero  
A: Light blue / Světle modrá / Azzurro



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).

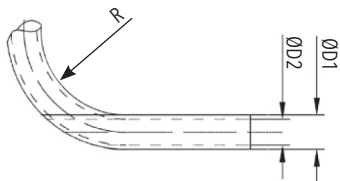
Polyethylen se používá v úsporných aplikacích, kde je vyžadována velmi nízká úroveň výkonu, jako například: výroba plastových nákupních tašek, odpadních vodních trubek, obalových fólií, nízkotlakých trubek (do 5 bar)

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

### TECHNICAL DATA / TECHNICKÁ DATA / DATI TECNICI

Fluid / Tekutina / Fluido	Air / Vzduch / Aria
Temperature range / Rozsah provozních teplot / Temperatura di esercizio	-10°C / +60°C
Tubes length / Délky hadic / Lunghezza tubi	100 mt - box: 25mt
Tolerance on external diameter / Tolerance na vnějším průměru / Tolleranze sul diametro esterno	4 ÷ 10 mm +/- 0,20 mm 11 ÷ 12 mm +/- 0,30 mm

### PE100



### 100 MT ROLL / BALENÍ 100 M / 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	○●●

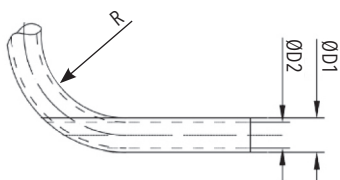
R= Ray of curve (23°C) / Rádus (bar 23 ° C) / Raggio di curva (bar 23°C)

PU= Use pressure (23°C) / Provozní tlak (bar 23 ° C) / Pressione di utilizzo (bar 23°C)

PS= Burst pressure (23°C) / Tlak při roztržení (23 ° C) / Pressione di scoppio (23°C)

(1) Colors / Barva / Colori: N: Neutral / Neutrální / Neutro  
B: Black / Černá / Nero  
A: Light blue / Světle modrá / Azzurro

### PE025



### BOX OF 25 MT / BALENÍ 25 M / 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) / Rádus (bar 23 ° C) / Raggio di curva (bar 23°C)

PU= Use pressure (23°C) / Provozní tlak (bar 23 ° C) / Pressione di utilizzo (bar 23°C)

PS= Burst pressure (23°C) / Tlak při roztržení (23 ° C) / Pressione di scoppio (23°C)

(1) Colors / Barva / Colori: N: Neutral / Neutrální / Neutro  
B: Black / Černá / Nero  
A: Light blue / Světle modrá / Azzurro



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.

**HADICE PTFE jsou díky svému složení a chem.vlastnostem uhlík-fluor fluoru vhodné zejména pro aplikace, ve kterých jsou požadovány:**

- **Vysoké provozní teploty**
- **Odolnost proti chemickým látkám**
- **Nízký koeficient tření**
- **Vynikající dielektrické vlastnosti**
- **Dobré mechanické vlastnosti**
- **Neměnitelnost**
- **Vynikající odolnost proti vlhkosti a UV záření**

**Trubice PTFE je navíc nehořlavá (UL 94 V0), nestárne a není toxická.**

*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 / TECHNICKÁ DATA / DATI TECNICI

Fluid / <b>Tekutina</b> / <i>Fluido</i>	Air / <b>Vzduch</b> / <i>Aria</i>
Temperature range / <b>Rozsah provozních teplot</b> / <i>Temperatura di esercizio</i>	-200°C / +260°C
Tubes length / <b>Délky hadic</b> / <i>Lunghezza tubi</i>	100 mt - box: 25mt
Tolerance on excentration / <b>Tolerance excentrace</b> / <i>Tolleranze sul decentramento</i>	0,15 mm

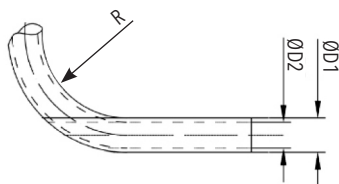
## PT050

### 50 MT ROLL / VÁLEC 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) / **Rádus (bar 23 °C)** / *Raggio di curva (bar 23°C)*  
 PU= Use pressure (23°C) / **Provozní tlak (bar 23 °C)** / *Pressione di utilizzo (bar 23°C)*  
 PS= Burst pressure (23°C) / **Tlak při roztržení (23 °C)** / *Pressione di scoppio (23°C)*

Colors / **Barva** / *Colori*: N: Neutral / **Neutrální** / *Neutro*





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

Díky velké měkkosti a flexibilitě polyuretanu nabízejí spirálové hadice maximální manévrovatelnost a dobrou odolnost proti otěru a nárazům.

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 / TECHNICKÁ DATA / DATI TECNICI

Fluid / Tekutina / Fluido	Air / Vzduch / Aria
Temperature range / Rozsah provozních teplot / Temperatura di esercizio	-10°C / +60°C
Tubes length / Délka trubek / Lunghezza tubi	100 mt - box: 25mt
Tolerance on external diameter / Tolerance na vnějším průměru / Tolleranza sul diametro esterno	4 ÷ 8 mm +/- 0,10 mm 10 ÷ 12 mm +/- 0,15 mm

### SPU

PU SPIRALES TUBES SH 98 SHORE WITH TAILS / **PU SPIRÁLOVÁ HADICE BEZ ŠROUBENÍ**  
 SPIRALI POLIURETANO SH 98 SHORE CON CODOLI

CODE	Øtube 1	Ø tube 2	Thickness Tloušťka Spessore	Ø internal spiral Ø vnitřní spirála Ø interno spirale	Extended length Prodoužená délka Lunghezza estesa	Color Barva 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 / Barva / Colori: A: Light blue / Světle modrá / Azzurro

### SPU...R

PU SPIRALES TUBES SH 98 SHORE WITH TURNING FITTINGS AND TAILS / **PU SPIRÁLOVÁ HADICE S OTOČNÝM ŠROUBENÍM**  
 SPIRALI POLIURETANO SH 98 SHORE CON RACCORDI GIREVOLI E CODOLI

CODE	Øtube 1	Ø tube 2	Thickness Tloušťka Spessore	Ø internal spiral Ø vnitřní spirála Ø interno spirale	Extended length Prodoužená délka Lunghezza estesa	Color Barva Colore	Fittings Kování 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 / Barva / Colori: A: Light blue / Světle modrá / Azzurro

PI

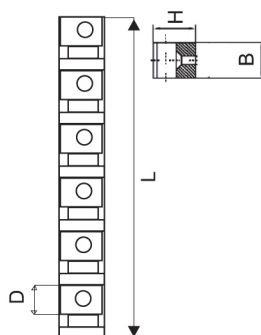
AIR-BLOW GUN / VZDUCHOVÁ PISTOLE / PISTOLA DI SOFFIAGGIO



CODE	TYPE / TYP / TIPO
PI001	Standard
PI011	Extension / Rozšíření / Con prolunga

706

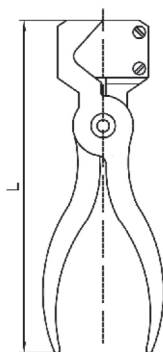
TUBE ANCHORAGE / HADICOVÉ UCHYCENÍ / FISSATUBI



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 / NŮŽKY NA HADICE KOVOVÉ / 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 / NŮŽKY NA HADICE Z PLASTU / TAGLIATUBI IN PLASTICA



CODE	Ømax	pcs.
TC	12 mm	1