




- 1 ANELLO SPINGITORE  
THRUST SLEEVE
- 2 DISTANZIALE DI FERMO  
LOCK RING
- 3 PINZA DI AGGRAFFAGGIO  
CRIMPING GRIPPER
- 4 ANELLO DI SOSTEGNO  
SUPPORTING RING
- 5 CORPO RACCORDO  
FITTING BODY
- 6 ANELLO ELASTICO  
ELASTIC RING
- 7 O-RING DI TENUTA  
O-RING SEAL
- 8 BASE GIREVOLE  
SWIWEL BASE

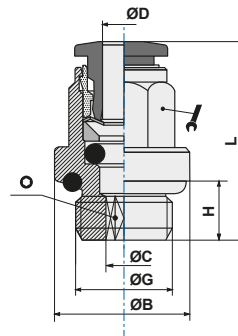


## ART. 01

Diritto filetto cilindrico maschio con O-ring  
*Straight male adaptor (parallel)*




CODICE	ØD	G	ØC	ØB	H	L			
01CH04M5*	4	M5	2,2	11,3	3,5	20	10	2	100
0104M5	4	M5	2,6	9	4	20,5	Ø9	2,5	100
0104M6	4	M6	2,6	9	5	20,5	Ø9	2,5	50
010418	4	1/8	2,6	13,5	5,5	20	9	2,5	50
010414	4	1/4	2,6	17	6,5	21	9	2,5	50
0106M5	6	M5	2,6	11	4	22,8	Ø11	2,5	50
0106M6	6	M6	2,6	11	5	24,8	Ø11	2,5	50
010618	6	1/8	4,2	13,5	5,5	25,3	11	4	50
010614	6	1/4	4,2	17	6,5	24,3	11	4	50
010818	8	1/8	5,2	12,8	5,5	27	13	5	50
010814	8	1/4	6,2	17	6,5	25,5	13	6	50
010838	8	3/8	6,2	20	7,5	25,5	13	6	50
010812	8	1/2	6,2	24	10	25	14	6	25
011018*	10	1/8	5,9	9	5,5	29	17	4	25
011014	10	1/4	7,3	16	6,5	30,4	16	7	50
011038	10	3/8	8,3	21	7,5	30,9	16	8	50
011012	10	1/2	14,1	23	10	24,7	17	8	25
011214	12	1/4	7,3	16	6,5	33,2	19	7	25
011238	12	3/8	10,3	22	7,5	33,2	19	10	25
011212	12	1/2	10,3	24	9	33,2	19	10	25
011438	14	3/8	10,3	21	7,5	35	19	10	25
011412	14	1/2	12,3	25	9	35	19	12	25

\* = di importazione - imported

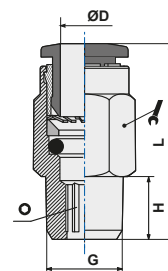


## ART. 01C

Diritto filetto conico maschio  
*Straight male adaptor (tapered)*

CODICE	ØD	G		H	L			
01C0418	4	1/8		7,5	18	10	2,5	50
01C0414	4	1/4		9,5	16	14	2,5	50
01C0438	4	3/8		7,5	17,4	17	3	25
01C0618	6	1/8		7,5	19,5	12	4	50
01C0614	6	1/4		9,5	22,3	14	4	50
01C0638	6	3/8		10,5	20,3	17	4	25
01C0612	6	1/2		10	23,2	24	4	25
01C0818	8	1/8		7,5	25,5	14	5	50
01C0814	8	1/4		9,5	24,5	14	6	50
01C0838	8	3/8		10,5	21,5	17	6	50
01C0812	8	1/2		12,5	25,5	21	6	25
01C1018	10	1/8		7,5	29,5	17	4	25
01C1014	10	1/4		9,5	30,8	17	7	50
01C1038	10	3/8		10,5	28,3	17	8	50
01C1012	10	1/2		13,5	26,6	21	8	25
01C1218	12	1/8		7	31	21	4	25
01C1214	12	1/4		9,5	33	19	6	25
01C1238	12	3/8		10,5	30	21	10	25
01C1212	12	1/2		13,5	32,5	21	10	25
01C1438	14	3/8		9	37,5	21	10	25
01C1412	14	1/2		14	35	21	10	25

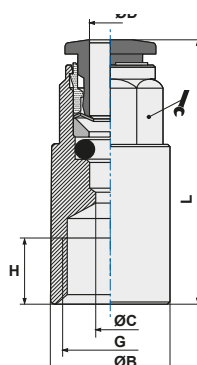
NOTA: articolo di importazione - NOTE: imported item



**ART. 02**

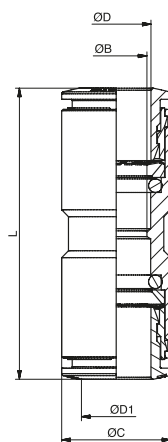
 Diritto femmina  
*Straight female adaptor*

CODICE	ØD	G	ØC	ØB	H	L		
020418	4	1/8	3	12	6,5	26,5	9	50
020414	4	1/4	3	17	10	29,5	9	50
020618	6	1/8	5	12	6,5	28,3	11	50
020614	6	1/4	5	17	10	31,3	11	50
020818	8	1/8	7	12	6,5	28,5	13	50
020814	8	1/4	7	17	10	32,5	13	50


**ART. 03**

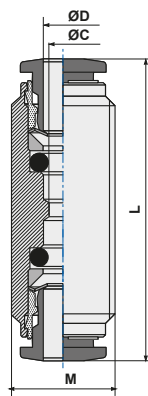
 Diritto innestabile  
*Straight connector*

CODICE	ØD	ØD1	ØB	ØC	L		
030400	4	4	3	9	32		50
030600	6	6	5	11	36,1		50
030800	8	8	7	13	38		50
031000	10	10	9	16	42,3		50
031200	12	12	11	19	45,8		25
031400	14	14	13	21	48,9		25


**ART. 03F**

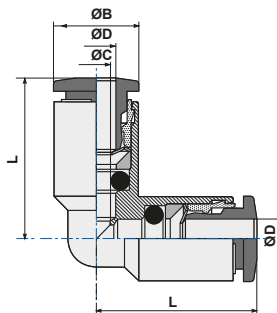
 Diritto innestabile filettato  
*Threaded connector*

CODICE	ØD	ØC	M	L		
03F0400	4	3	11x1	32		50
03F0600	6	5	14x1	36,1		50
03F0800	8	7	16x1	38		50
03F1000	10	9	18x1	42,3		50
03F1200	12	11	22x1	45,8		25
03F1400	14	13	24x1	47,5		25


**ART. 04**



 Gomito innestabile  
*L connector*

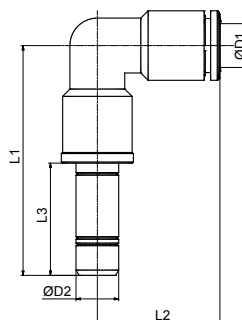
CODICE	ØD	ØC	ØB	L		
040400	4	3	10	19		50
040600	6	5	11	20,6		50
040800	8	7	13	23		50
041000	10	8	16	26,4		50
041200	12	10	19	28,9		25
041400	14	12	21	31,5		25



## ART. 04L0



Gomito innestabile con codolo  
*Plug-in L connector*

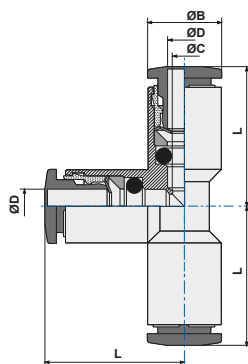
CODICE	ØD1	ØD2	L1	L2	L3		
0404L0	4	4	34,5	18	16,7	50	
0406L0	6	6	42,5	23	19,5	50	
0408L0	8	8	46,5	25,5	21	50	
0410L0	10	10	51	27	24	25	
0412L0	12	12	54	29	25	25	



## ART. 05



T innestabile  
*T connector*

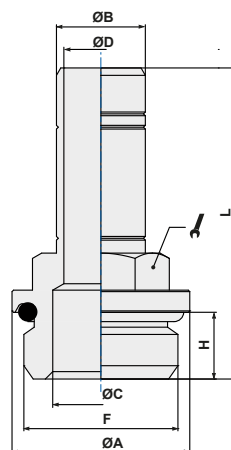
CODICE	ØD	ØC	ØB	L		
050400	4	3	9	17,3	50	
050600	6	5	11	20,6	50	
050800	8	7	13	23	50	
051000	10	8	16	26,4	25	
051200	12	10	19	28,9	25	
051400	14	12	21	31,5	10	



## ART. 06

Innesto filetto cilindrico con O-Ring  
*Adaptor parallel (short)*

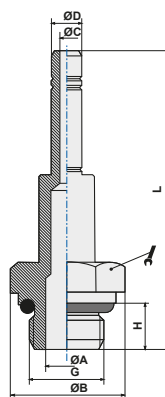
CODICE	ØB	F	ØA	ØC	ØD	H	L		
0604M5	4	M5	8	2	2	4	24,7	8	50
0604M6	4	M6	9	2	2	5	25,7	8	50
060418	4	1/8	13	5,5	2	5,5	27,7	13	50
060414	4	1/4	16	7,5	2	6,5	29,2	13	50
0606M5	6	M5	8	2,6	2,6	4	27,5	8	50
060618	6	1/8	13	5,5	4	5,5	30,5	13	50
060614	6	1/4	16	7,5	4	6,5	32,0	13	50
060818	8	1/8	13	6	6	5,5	32,0	13	50
060814	8	1/4	16	7,5	6	6,5	33,5	13	50
060838	8	3/8	20	9	6	7,5	35,5	13	50
061018	10	1/8	13	6	6	5,5	35,0	13	50
061014	10	1/4	16	8	8	6,5	36,5	13	50
061038	10	3/8	20	8	8	7,5	39,5	13	50
061214	12	1/4	16	8	8	6,5	37,5	13	25
061238	12	3/8	20	11	10	7,5	40,5	13	25
061212	12	1/2	24	13	10	9	42,0	16	25
061438	14	3/8	20	12	12	7,5	43,0	16	25
061412	14	1/2	24	13	12	9	44,5	16	25



**ART. 60**

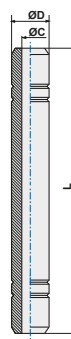
 Innesto proungato filetto cilindrico con O-Ring  
*Adaptor parallel long*

CODICE	ØD	G	ØC	ØB	H	L	ØA		
600418	4	1/8	2	13	5	39	6	13	50
600618	6	1/8	4	13	5	44,5	5,5	13	50
600614	6	1/4	4	16	6,5	48	7,5	13	50
600818	8	1/8	6	13	5	48	6	13	50
600814	8	1/4	6	16	6,5	49,5	7,5	13	50
600838	8	3/8	6	20	7,5	51,5	9	13	50
601038	10	3/8	8	13	7,5	57,5	9	13	25


**ART. 07**

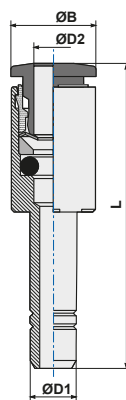
 Prolungamento  
*Connector*

CODICE	ØD	ØC	L	
070400	4	2	33,4	100
070600	6	4	39	50
070800	8	6	42	50
071000	10	8	48	50
071200	12	10	50	50


**ART. 08**

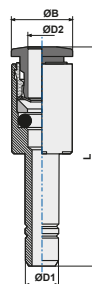
 Riduzione con codolo  
*Plug-in reducer*

CODICE	ØD1	ØD2	ØB	L	
080604	6	4	9	32,5	50
080804	8	4	9	34	50
080806	8	6	11	36	50
081006	10	6	11	39,3	50
081008	10	8	13	39	50
081208	12	8	13	39,5	25
081210	12	10	16	41,4	25
081406	14	6	15	43,8	25


**ART. 08E**

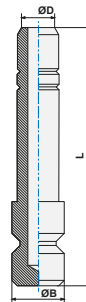
 Maggiorazione con codolo  
*Plug-in increaser*

CODICE	ØD1	ØD2	ØB	L	
08E0406	4	6	11	35,5	50
08E0608	6	8	13	39	50



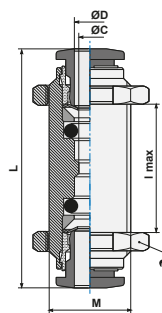
**ART. 09** Tappo  
*Plug*

CODICE	ØD	ØB			L	
090400	4	5			26	50
090600	6	7			29	50
090800	8	9			31,5	50
091000	10	11			35	50
091200	12	13			37	25



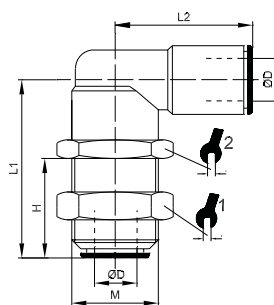
**ART. 10** Passaparete  
*Bulkhead connector*

CODICE	ØD	ØC	M	Imax	L		
100400	4	3	11x1	8	32	14	50
100600	6	5	14x1	8	36,1	17	50
100800	8	7	16x1	10	38	18	50
101000	10	9	18x1	12	42,3	21	25
101200	12	11	22x1	17	45,8	26	25
101400	14	13	24x1	18	47,5	27	25



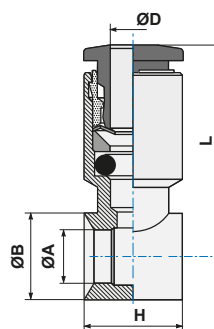
**ART. 10L** Passaparete ad L  
*L bulkhead*

CODICE	ØD	M	H	L1	L2			
10L0400	4	M11x1	12,5	25,5	20	13	13	50
10L0600	6	M14x1	15	28	21	17	17	50
10L0800	8	M16x1	17	30,5	24	18	18	50
10L1000	10	M18x1	19	35	27	21	21	25



**ART. 13** Anello semplice  
*Single banjo body*

CODICE	ØD	G*	ØA	ØB	H	L	
1304M5	4	M5	5	8	9	19,5	50
130418	4	1/8	9,9	14	15	21,1	50
130618	6	1/8	9,9	14	15	24,3	50
130614	6	1/4	13,3	18	17	25,5	50
130818	8	1/8	9,9	14	15	24,8	50
130814	8	1/4	13,3	18	17	26,5	50
130838	8	3/8	16,75	21	20	28,0	50
131014	10	1/4	13,3	18	17	28,4	50
131038	10	3/8	16,75	21	20	29,9	25
131214	12	1/4	13,3	18	17	30,9	25
131238	12	3/8	16,75	21	20	31,4	25
131212	12	1/2	21	26	24	34,9	25
13R04M5	4	M5	6	8	9	19,5	50
13R06M5	6	M5	6	8	9	22,5	50



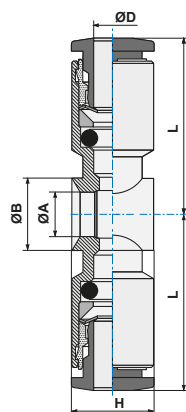
(\*) G = filetto vite/asta  
(\*) G = steam thread

Vedi capitolo Astine pag. 39  
See page 39 of Stems section

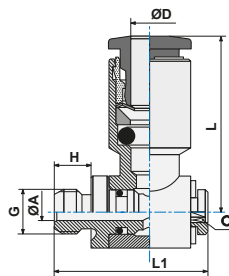
**ART. 14**
**Anello doppio**  
*Double banjo body*

CODICE	ØD	G*	ØA	ØB	H	L		
140618	6	1/8	9,9	14	15	24,3		50
140818	8	1/8	9,9	14	15	24,8		50
140814	8	1/4	13,3	18	17	26,5		50
140838	8	3/8	16,75	21	20	28		50
141014	10	1/4	13,3	18	17	28,4		50
141038	10	3/8	16,75	21	20	29,9		25

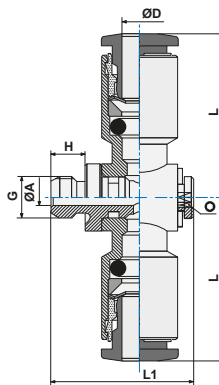
 (\*) G = filetto vite/asta  
 (\*) G = steam thread

 Art. disponibile fino ad esaurimento scorte  
 Item available while stocks last

**ART. 15**
**Anello semplice girevole con asta**  
*Complete single banjo (rotating under pressure)*

CODICE	ØD	G	ØA	H	L1	L		
1504M5	4	M5	2	4	16,8	19,5	2,5	50
1504M6	4	M6	2	4	17,8	19,5	2,5	50
150418	4	1/8	5,5	5,5	25	21,1	3	50
1506M5	6	M5	2	4	16,5	22	2,5	50
150618	6	1/8	5,5	5,5	24,5	24,3	3	50
150614	6	1/4	7,8	6,5	28	25,5	4	50
150818	8	1/8	5,5	5,5	24,5	24,8	3	50
150814	8	1/4	7,8	6,5	28	26,5	4	50
150838	8	3/8	10	7,5	32,5	28	5	25
151014	10	1/4	7,8	6,5	28	28,4	4	25
151038	10	3/8	10	7,5	32,5	29,9	5	25
151214	12	1/4	7,8	6,5	28	30,9	4	25
151238	12	3/8	10	7,5	32,5	31,4	5	25
151212	12	1/2	12	9	40,8	34,9	8	10


**ART. 16**
**Anello doppio girevole con asta**  
*Complete double banjo (rotating under pressure)*

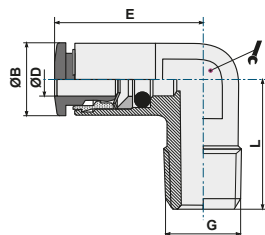
CODICE	ØD	G	ØA	H	L1	L		
160618	6	1/8	5,5	5,5	24,5	24,3	3	50
160818	8	1/8	5,5	5,5	25	24,8	3	50
160814	8	1/4	7,8	6,5	28	26,5	4	25
160838	8	3/8	10	7,5	32,5	28	5	25
161014	10	1/4	7,8	6,5	28	28,4	4	25
161038	10	3/8	10	7,5	32,5	29,9	5	25

 Art. disponibile fino ad esaurimento scorte  
 Item available while stocks last


**ART. 19**

Raccordo ad elle fisso conico maschio  
*L tapered male adapter*

CODICE	ØD	G	ØB	E	L		
190418	4	1/8	9	18,6	16,5	10	100
190618	6	1/8	11	23,8	16,5	10	100
190614	6	1/4	11	25,3	22,5	11	100
190818	8	1/8	13	25,5	18,5	11	100
190814	8	1/4	13	25,5	22,0	11	100
191014	10	1/4	16	28,0	24,0	13	50

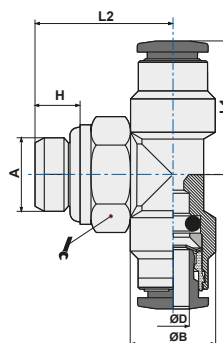


**ART. 20**

Raccordo a T centrale girevole  
*Swivel male stud T parallel*

CODICE	ØD	A	H	ØB	L1	L2		
2004M5	4	M5	4	9	17,3	20,0	8	50
200418	4	1/8	5,5	11,40	17,3	18,5	13	50
200414	4	1/4	6,5	9	19,0	22,5	16	50
2006M5	6	M5	4	11,20	20,5	21	8	50
200618	6	1/8	5,5	11	19,5	18,5	13	50
200614	6	1/4	6,5	11	22,1	22,5	16	50
200818	8	1/8	5,5	13	23,0	20,5	13	50
200814	8	1/4	6,5	13	23,0	22,5	16	50
200838	8	3/8	7,5	13	24,5	25,5	18	25
201014	10	1/4	6,5	16	26,4	24,5	16	25
201038	10	3/8	7,5	16	26,4	25,5	18	25

NOTA: articolo di importazione - NOTE: imported item

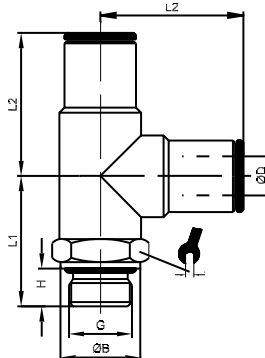


**ART. 21**

Raccordo a T laterale girevole  
*Swivel male branch T parallel*

CODICE	ØD	G	H	ØB	L1	L2		
2104M5*	4	M5	4	8	16,5	19	9	50
210418	4	G1/8	5,5	13	18,5	17,5	13	50
210414	4	G1/4	6,5	16	22,5	19	13	50
210618	6	G1/8	5,5	13	20	21	13	50
210614	6	G1/4	6,5	16	24	21	13	50
210818	8	G1/8	5,5	13	20	23	13	50
210814	8	G1/4	6,5	16	24	23	13	50
210838	8	G3/8	4,5	20	25,5	23	13	25
211014*	10	G1/4	6,5	16	24	27	16	25

\* = Art. di importazione  
\* = Imported item

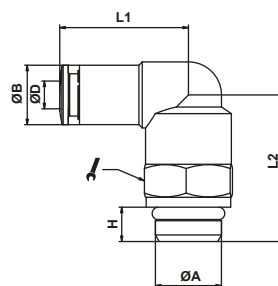




**ART. 22**

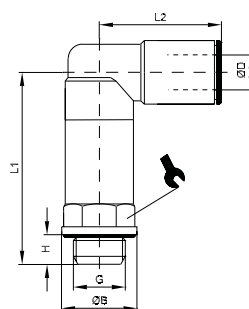
 Gomito girevole filetto cilindrico maschio con O-Ring  
*Swivel L male adaptor parallel*

CODICE	ØD	A	H	ØB	L1	L2		
2204M5	4	M5	4	9,1	17,3	14,8	9	100
2204M12	4	M12x1,5	8	9,1	18,0	20,0	13	100
220418	4	1/8	5,5	9,1	18,0	20,0	13	100
220414	4	1/4	6,5	9,1	18,0	24,0	13	100
220438	4	3/8	7,5	9,1	18,0	25,5	13	100
2206M5	6	M5	4	11	14,5	21,0	9	100
2206M12	6	M12x1,5	8	11	23,0	25,5	13	100
220618	6	1/8	5,5	11	23,0	20,0	13	100
220614	6	1/4	6,5	11	23,0	24,0	13	100
220638	6	3/8	7,5	11	23,0	25,5	13	100
2208M12	8	M12x1,5	8	13	25,5	25,5	13	100
220818	8	1/8	5,5	13	25,5	20,3	13	100
220814	8	1/4	6,5	13	25,5	24,3	13	100
220838	8	3/8	7,5	13	25,5	25,8	13	50
221014	10	1/4	6,5	16	27,0	26,0	16	50
221038	10	3/8	7,5	16	27,0	27,5	16	50
221012	10	1/2	9	16	27,0	27,5	16	50
221214	12	1/4	6,5	19	29,0	30,5	16	25
221238	12	3/8	7,5	19	29,0	28,5	20	25
221212	12	1/2	9	19	29,0	33,5	20	25
221438	14	3/8	7,5	21	32,0	28,5	20	25
221412	14	1/2	9	21	32,0	33,5	20	25


**ART. 22L**

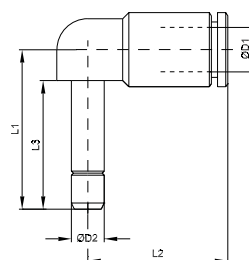
 Gomito girevole cilindrico lungo  
*Swivel longer L male adaptor parallel*

CODICE	ØD	G	ØB	H	L1	L2		
22L04M5	4	M5	8	4	23,5	18	9	25
22L0418	4	G1/8	13	6	33	20	13	25
22L0414	4	G1/4	16	8	38	20	13	25
22L06M5	6	M5	8	4	23,5	21	9	25
22L0618	6	G1/8	13	6	33	21	13	25
22L0614	6	G1/4	16	8	38	21	13	25
22L0818	8	G1/8	13	6	33	24	13	25
22L0814	8	G1/4	16	8	38	24	13	25
22L1014	10	G1/4	16	8	37	26,5	16	25


**ART. 22L0**

 Gomito innestabile con codolo  
*Plug-in L connector*

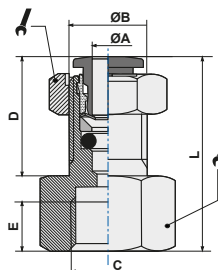
CODICE	ØD1	ØD2	L1	L2	L3	
2204L0	4	4	19,5	18	15,5	50
2206L0	6	6	26,5	20	18	50
2208L0	8	8	31	24	19,5	50
2210L0	10	10	41	25	24	25
2212L0	12	12	29	28	25	25



**ART. 25** Passaparete femmina  
*Female bulkhead*

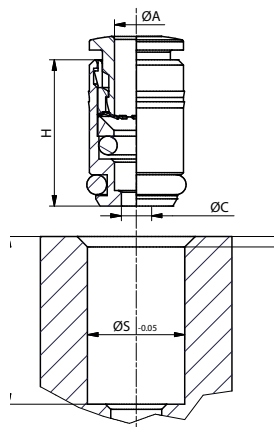
CODICE	ØA	C	ØB	D	E	L		
250418	4	1/8	M12x1	15,5	8,5	24,0	14	25
250618	6	1/8	M14x1	15,8	8,5	26,8	15	25
250614	6	1/4	M14x1	15,8	11,0	29,5	17	25
250818	8	1/8	M16x1	16,0	8,5	26,5	19	25
250814	8	1/4	M16x1	16,0	11,0	32,0	19	25

NOTA: articolo di importazione - NOTE: imported item



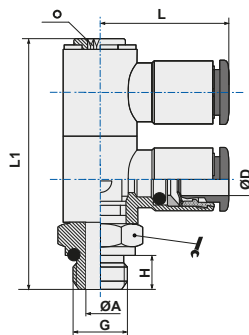
**ART. 27** Cartuccia  
*Cartridge*

CODICE	ØD	ØC	H	ØS	L	
270400	4	2,9	14	9,1	13,5	100
270600	6	5	16	11,1	15,5	50
270800	8	7	17	13,6	16,5	50



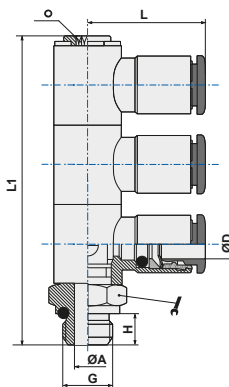
**ART. 33** Doppio anello semplice girevole con asta  
*Swivel double banjo stem*

CODICE	ØD	G	ØA	H	L1	L			
330418	4	1/8	5,5	5,5	43,8	21,1	14	3	25
330618	6	1/8	5,5	5,5	43,8	24,3	14	3	25
330614	6	1/4	7,8	7,5	51,5	25,5	18	4	25
330818	8	1/8	5,5	5,5	43,8	24,8	14	3	25
330814	8	1/4	7,8	7,5	51,5	26,5	18	4	25
331014	10	1/4	7,8	7,5	51,5	28,4	18	4	25



**ART. 34** Triplo anello semplice girevole con asta  
*Swivel triple banjo stem*

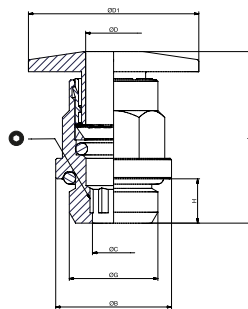
CODICE	ØD	G	ØA	H	L1	L			
340418	4	1/8	5,5	5,5	58,4	21,1	14	3	10
340618	6	1/8	5,5	5,5	58,4	24,3	14	3	10
340614	6	1/4	7,8	7,5	67	25,5	18	4	10
340818	8	1/8	5,5	5,5	58,4	24,8	14	3	10
340814	8	1/4	7,8	7,5	67	26,5	18	4	10
341014	10	1/4	7,8	7,5	67	51,5	18	4	10



**ART. 01AM**

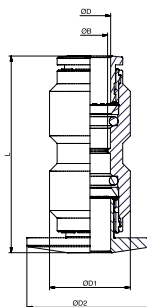
 Diritto filetto cil. m. con O-Ring spintore maggiorato  
*Straight male adaptor (parallel) larger pusher*

CODICE	ØD	ØD1	G	ØC	ØB	H	L			
010814AM	8	25	1/4	6,2	17	6,5	26	13	6	


**ART. 03AM**

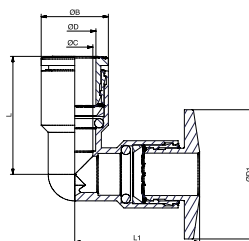
 Diritto innestabile spintore maggiorato  
*Straight connector larger pusher*

CODICE	ØD	ØD1	G	ØC	ØB	H	L			
030800AM	8	15			7		39			


**ART. 04AM**

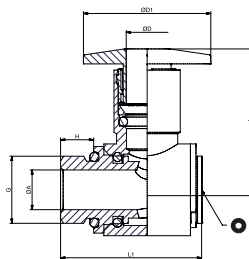
 Gomito innestabile spintore maggiorato  
*L connector larger pusher*

CODICE	ØD	ØD1	G	ØC	ØB	L1	L			
040800AM	8	25		7	13	24	23			


**ART. 15AM**




 Anello semplice girevole con asta spintore maggiorato  
*Complete single banjo (rotating under pressure) larger pusher*

CODICE	ØD	ØD1	G	ØA	H	L	L1			
T150814AM	8	25	1/4	7,8	6,5	29	26,5		4	

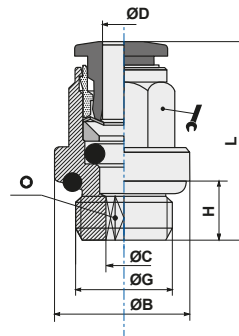


## ART. B01

Diritto filetto cilindrico maschio con O-Ring  
*Straight male adaptor (parallel)*




CODICE	ØD	G	ØC	ØB	H	L			
B0104M5	4	M5	2,6	9	4	20,5	Ø9	2,5	100
B0104M6	4	M6	2,6	9	5	20,5	Ø9	2,5	50
B010418	4	1/8	2,6	13,5	5,5	20	9	2,5	50
B010414	4	1/4	2,6	17	6,5	21	9	2,5	50
B0106M5	6	M5	2,6	11	4	22,8	Ø11	2,5	50
B0106M6	6	M6	2,6	11	5	24,8	Ø11	2,5	50
B010618	6	1/8	4,2	13,5	5,5	25,3	11	4	50
B010614	6	1/4	4,2	17	6,5	24,3	11	4	50
B010818	8	1/8	5,2	12,8	5,5	27	13	5	50
B010814	8	1/4	6,2	17	6,5	25,5	13	6	50
B010838	8	3/8	6,2	20	7,5	25,5	13	6	50
B010812	8	1/2	6,2	24	10	25	14	6	25
B011018*	10	1/8	5,9	9	5,5	29	17	4	25
B011014	10	1/4	7,3	16	6,5	30,4	16	7	50
B011038	10	3/8	8,3	21	7,5	30,9	16	8	50
B011012	10	1/2	14,1	23	10	24,7	17	8	25
B011214	12	1/4	7,3	16	6,5	33,2	19	7	25
B011238	12	3/8	10,3	22	7,5	33,2	19	10	25
B011212	12	1/2	10,3	24	9	33,2	19	10	25
B011438	14	3/8	10,3	21	7,5	35	19	10	25
B011412	14	1/2	12,3	25	9	35	19	12	25

\* = di importazione - imported

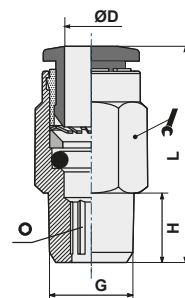


## ART. B01C

Diritto filetto conico maschio  
*Straight male adaptor (tapered)*

CODICE	ØD	G		H	L			
B01C0418	4	1/8		7,5	18	10	2,5	50
B01C0414	4	1/4		9,5	16	14	2,5	50
B01C0438	4	3/8		7,5	17,4	17	3	25
B01C0618	6	1/8		7,5	19,5	12	4	50
B01C0614	6	1/4		9,5	22,3	14	4	50
B01C0638	6	3/8		10,5	20,3	17	4	25
B01C0612	6	1/2		10	23,2	24	4	25
B01C0818	8	1/8		7,5	25,5	14	5	50
B01C0814	8	1/4		9,5	24,5	14	6	50
B01C0838	8	3/8		10,5	21,5	17	6	50
B01C0812	8	1/2		12,5	25,5	21	6	25
B01C1018	10	1/8		7,5	29,5	17	4	25
B01C1014	10	1/4		9,5	30,8	17	7	50
B01C1038	10	3/8		10,5	28,3	17	8	50
B01C1012	10	1/2		13,5	26,6	21	8	25
B01C1218	12	1/8		7	31	21	4	25
B01C1214	12	1/4		9,5	33	19	6	25
B01C1238	12	3/8		10,5	30	21	10	25
B01C1212	12	1/2		13,5	32,5	21	10	25
B01C1438	14	3/8		9	37,5	21	10	25
B01C1412	14	1/2		14	35	21	10	25

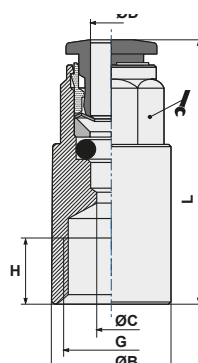
NOTA: articolo di importazione - NOTE: imported item



**ART. B02**

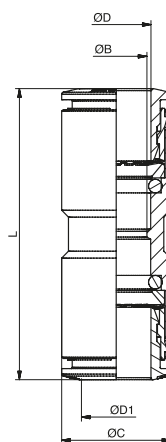
 Diritto femmina  
*Straight female adaptor*

CODICE	ØD	G	ØC	ØB	H	L		
B020418	4	1/8	3	12	6,5	26,5	9	50
B020414	4	1/4	3	17	10	29,5	9	50
B020618	6	1/8	5	12	6,5	28,3	11	50
B020614	6	1/4	5	17	10	31,3	11	50
B020818	8	1/8	7	12	6,5	28,5	13	50
B020814	8	1/4	7	17	10	32,5	13	50


**ART. B03**

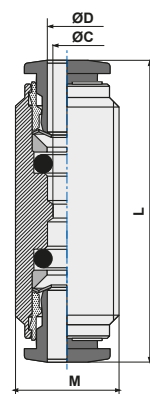
 Diritto innestabile  
*Straight connector*

CODICE	ØD	ØD1	ØB	ØC	L		
B030400	4	4	3	11	32		50
B030600	6	6	5	13	36,1		50
B030800	8	8	7	15	38		50
B031000	10	10	9	18	42,3		50
B031200	12	12	11	21	45,8		25
B031400	14	14	13	23	48,9		25


**ART. B03F**

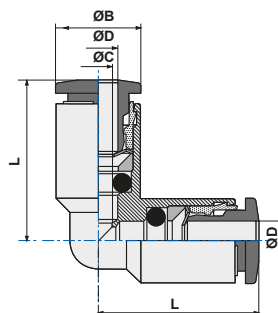
 Diritto innestabile filettato  
*Threaded connector*

CODICE	ØD	ØC	M	L		
B03F0400	4	3	11x1	32		50
B03F0600	6	5	14x1	36,1		50
B03F0800	8	7	16x1	38		50
B03F1000	10	9	18x1	42,3		50
B03F1200	12	11	22x1	45,8		25
B03F1400	14	13	24x1	47,5		25


**ART. B04**

 Gomito innestabile  
*L connector*

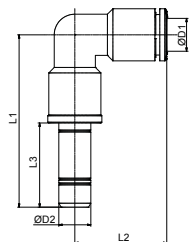
CODICE	ØD	ØC	ØB	L		
B040400	4	3	10	19		50
B040600	6	5	11	20,6		50
B040800	8	7	13	23		50
B041000	10	8	16	26,4		50
B041200	12	10	19	28,9		25
B041400	14	12	21	31,5		25



## ART. B04L0


Gomito innestabile con codolo  
*Plug-in L connector*

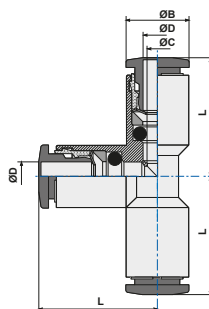
CODICE	ØD1	ØD2	L1	L2	L3	
B0404L0	4	4	34,5	18	16,7	50
B0406L0	6	6	42,5	23	19,5	50
B0408L0	8	8	46,5	25,5	21	50
B0410L0	10	10	51	27	24	25
B0412L0	12	12	54	29	25	25



## ART. B05


T innestabile  
*T connector*

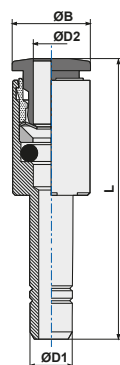
CODICE	ØD	ØC	ØB	L	
B050400	4	3	9	17,3	50
B050600	6	5	11	20,6	50
B050800	8	7	13	23	50
B051000	10	8	16	26,4	25
B051200	12	10	19	28,9	25
B051400	14	12	21	31,5	10



## ART. B08


Riduzione con codolo  
*Plug-in reducer*

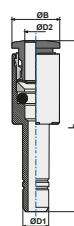
CODICE	ØD1	ØD2	ØB	L	
B080604	6	4	9	32,5	50
B080804	8	4	9	34	50
B080806	8	6	11	36	50
B081006	10	6	11	39,3	50
B081008	10	8	13	39	50
B081208	12	8	13	39,5	25
B081210	12	10	16	41,4	25
B081406	14	6	15	43,8	25



## ART. B08/E



Maggiorazione con codolo  
*Plug-in increaser*

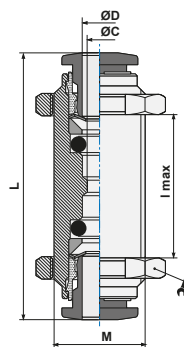
CODICE	ØD1	ØD2	ØB	L	
B08E0406	4	6	11	35,5	50
B08E0608	6	8	13	39	50



## ART. B10

Passaparete  
*Bulkhead connector*

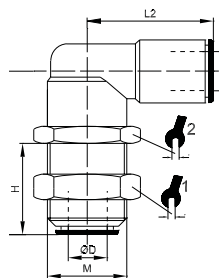
CODICE	ØD	ØC	M	Imax	L		
B100400	4	3	11x1	8	32	14	50
B100600	6	5	14x1	8	36,1	17	50
B100800	8	7	16x1	10	38	18	50
B101000	10	9	18x1	12	42,3	21	25
B101200	12	11	22x1	17	45,8	26	25
B101400	14	13	24x1	18	47,5	27	25



**ART. B10L**

 Passaparete ad L  
*L bulkhead*

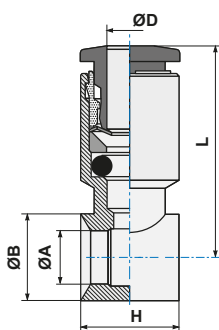
CODICE	ØD	M	H	L1	L2			
B10L0400	4	M11x1	12,5	25,5	20	13	13	50
B10L0600	6	M14x1	15	28	21	17	17	50
B10L0800	8	M16x1	17	30,5	24	18	18	50
B10L1000	10	M18x1	19	35	27	21	21	25


**ART. B13**

 Anello semplice  
*Single banjo body*

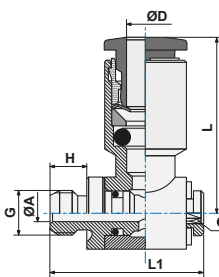
CODICE	ØD	G*	ØA	ØB	H	L	
B1304M5	4	M5	5	8	9	19,5	50
B130418	4	1/8	9,9	14	15	21,1	50
B130618	6	1/8	9,9	14	15	24,3	50
B130614	6	1/4	13,3	18	17	25,5	50
B130818	8	1/8	9,9	14	15	24,8	50
B130814	8	1/4	13,3	18	17	26,5	50
B130838	8	3/8	16,75	21	20	28,0	50
B131014	10	1/4	13,3	18	17	28,4	50
B131038	10	3/8	16,75	21	20	29,9	25
B131214	12	1/4	13,3	18	17	30,9	25
B131238	12	3/8	16,75	21	20	31,4	25
B131212	12	1/2	21	26	24	34,9	25
B13R04M5	4	M5	6	8	9	19,5	50
B13R06M5	6	M5	6	8	9	22,5	50

 (\*) G = filetto vite/asta  
 (\*) G = steam thread

 Vedi capitolo Astine pag. 39  
 See page 39 of Stems section

**ART. B15**



 Anello semplice girevole con asta  
*Complete single banjo (rotating under pressure)*

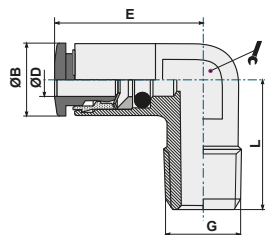
CODICE	ØD	G	ØA	H	L1	L		
B1504M5	4	M5	2	4	16,8	19,5	2,5	50
B1504M6	4	M6	2	4	17,8	19,5	2,5	50
B150418	4	1/8	5,5	5,5	25	21,1	3	50
B1506M5	6	M5	2	4	16,5	22	2,5	50
B150618	6	1/8	5,5	5,5	24,5	24,3	3	50
B150614	6	1/4	7,8	6,5	28	25,5	4	50
B150818	8	1/8	5,5	5,5	24,5	24,8	3	50
B150814	8	1/4	7,8	6,5	28	26,5	4	50
B150838	8	3/8	10	7,5	32,5	28	5	25
B151014	10	1/4	7,8	6,5	28	28,4	4	25
B151038	10	3/8	10	7,5	32,5	29,9	5	25
B151214	12	1/4	7,8	6,5	28	30,9	4	25
B151238	12	3/8	10	7,5	32,5	31,4	5	25
B151212	12	1/2	12	9	40,8	34,9	8	10



## ART. B19



Raccordo ad L fisso  
*L male adaptor*

CODICE	ØD	G	ØB	E	L		
B190418	4	1/8	9	18,6	16,5	10	100
B190618	6	1/8	11	23,8	16,5	10	100
B190614	6	1/4	11	25,3	22,5	11	100
B190818	8	1/8	13	25,5	18,5	11	100
B190814	8	1/4	13	25,5	22,0	11	100
B191014	10	1/4	16	28,0	24,0	13	50

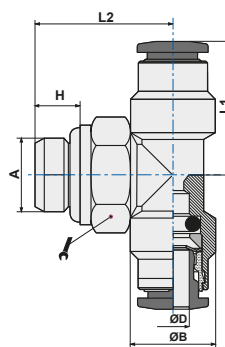


## ART. B20

Raccordo a T centrale girevole  
*Swivel male stud T parallel*



CODICE	ØD	A	H	ØB	L1	L2		
B2004M5	4	M5	4	9	17,3	20,0	8	50
B200418	4	1/8	5,5	11,40	17,3	18,5	13	50
B200414	4	1/4	6,5	9	19,0	22,5	16	50
B2006M5	6	M5	4	11,20	20,5	21	8	50
B200618	6	1/8	5,5	11	19,5	18,5	13	50
B200614	6	1/4	6,5	11	22,1	22,5	16	50
B200818	8	1/8	5,5	13	23,0	20,5	13	50
B200814	8	1/4	6,5	13	23,0	22,5	16	50
B200838	8	3/8	7,5	13	24,5	25,5	18	25
B201014	10	1/4	6,5	16	26,4	24,5	16	25
B201038	10	3/8	7,5	16	26,4	25,5	18	25

NOTA: articolo di importazione - NOTE: imported item

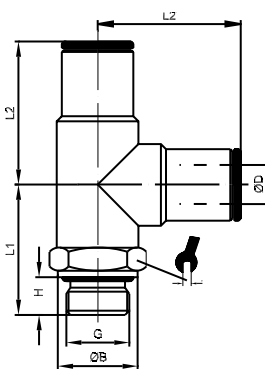


## ART. B21

Raccordo a T laterale girevole  
*Swivel male branch T parallel*

CODICE	ØD	G	H	ØB	L1	L2		
B2104M5*	4	M5	4	8	16,5	19	9	100
B210418	4	G1/8	6	13	18,5	17,5	13	100
B210414	4	G1/4	8	16	22,5	19	13	100
B210618	6	G1/8	6	13	20	21	13	100
B210614	6	G1/4	8	16	24	21	13	100
B210818	8	G1/8	6	13	20	23	13	100
B210814	8	G1/4	8	16	24	23	13	100
B210838	8	G3/8	9	20	25,5	23	13	50
B211014*	10	G1/4	8	16	24	27	16	50

\* = Art. di importazione  
\* = Imported item

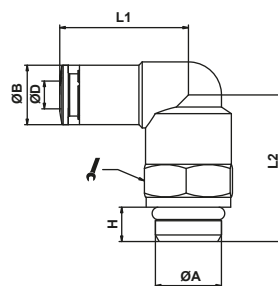




**ART. B22**

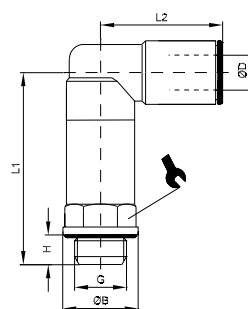
 Gomito girevole filetto cilindrico maschio con O-Ring  
*Swivel L male adaptor parallel*

CODICE	ØD	A	H	ØB	L1	L2		
B2204M5	4	M5	4	9,1	17,3	14,8	9	100
B2204M12	4	M12x1,5	8	9,1	18,0	20,0	13	100
B220418	4	1/8	6	9,1	18,0	20,0	13	100
B220414	4	1/4	8	9,1	18,0	24,0	13	100
B220438	4	3/8	9	9,1	18,0	25,5	13	100
B2206M5	6	M5	4	11	14,5	21,0	9	100
B2206M12	6	M12x1,5	8	11	23,0	25,5	13	100
B220618	6	1/8	6	11	23,0	20,0	13	100
B220614	6	1/4	8	11	23,0	24,0	13	100
B220638	6	3/8	9	11	23,0	25,5	13	100
B2208M12	8	M12x1,5	8	13	25,5	25,5	13	100
B220818	8	1/8	6	13	25,5	20,3	13	100
B220814	8	1/4	8	13	25,5	24,3	13	100
B220838	8	3/8	9	13	25,5	25,8	13	50
B221014	10	1/4	8	16	27,0	26,0	16	50
B221038	10	3/8	9	16	27,0	27,5	16	50
B221012	10	1/2	11	16	27,0	27,5	16	50
B221214	12	1/4	8	19	29,0	30,5	16	25
B221238	12	3/8	9	19	29,0	28,5	20	25
B221212	12	1/2	11	19	29,0	33,5	20	25
B221438	14	3/8	9	21	32,0	28,5	20	25
B221412	14	1/2	11	21	32,0	33,5	20	25


**ART. B22L**

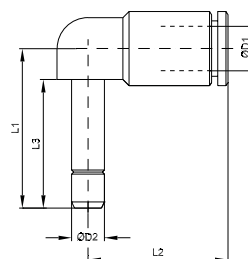
 Gomito girevole cilindrico lungo  
*Swivel longer L male adaptor parallel*

CODICE	ØD	G	ØB	H	L1	L2		
B22L04M5	4	M5	8	4	23,5	18	9	25
B22L0418	4	G1/8	13	6	33	20	13	25
B22L0414	4	G1/4	16	8	38	20	13	25
B22L06M5	6	M5	8	4	23,5	21	9	25
B22L0618	6	G1/8	13	6	33	21	13	25
B22L0614	6	G1/4	16	8	38	21	13	25
B22L0818	8	G1/8	13	6	33	24	13	25
B22L0814	8	G1/4	16	8	38	24	13	25
B22L1014	10	G1/4	16	6,5	37	26,5	16	25


**ART. B22L0**



 Gomito innestabile con codolo  
*Plug-in L connector*

CODICE	ØD1	ØD2	L1	L2	L3	
B2204L0	4	4	19,5	18	15,5	50
B2206L0	6	6	26,5	20	18	50
B2208L0	8	8	31	24	19,5	50
B2210L0	10	10	41	25	24	25
B2212L0	12	12	29	28	25	25

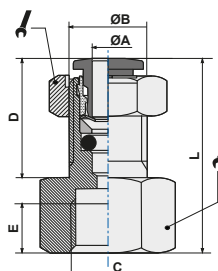


## ART. B25

Passaparete femmina  
*Female bulkhead*


CODICE	ØA	C	ØB	D	E	L		
B250418	4	1/8	M12x1	15,5	8,5	24,0	14	25
B250618	6	1/8	M14x1	15,8	8,5	26,8	15	25
B250614	6	1/4	M14x1	15,8	11,0	29,5	17	25
B250818	8	1/8	M16x1	16,0	8,5	26,5	19	25
B250814	8	1/4	M16x1	16,0	11,0	32,0	19	25

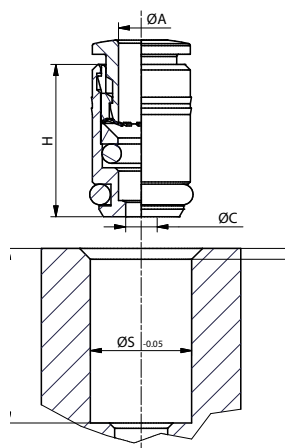
NOTA: articolo di importazione - NOTE: imported item



## ART. B27




Cartuccia  
*Cartridge*

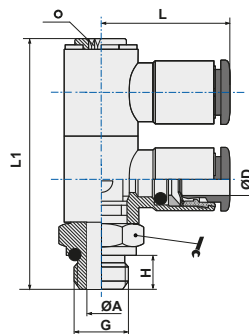
CODICE	ØD	ØC	H	ØS	L	
B270400	4	2,9	14	9,1	13,5	100
B270600	6	5	16	11,1	15,5	50
B270800	8	7	17	13,6	16,5	50



## ART. B33




Doppio anello semplice girevole con asta  
*Swivel double banjo stem*

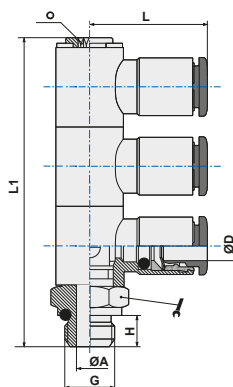
CODICE	ØD	G	ØA	H	L1	L			
B330418	4	1/8	5,5	5,5	43,8	21,1	14	3	25
B330618	6	1/8	5,5	5,5	43,8	24,3	14	3	25
B330614	6	1/4	7,8	7,5	51,5	25,5	18	4	25
B330818	8	1/8	5,5	5,5	43,8	24,8	14	3	25
B330814	8	1/4	7,8	7,5	51,5	26,5	18	4	25
B331014	10	1/4	7,8	7,5	51,5	28,4	18	4	25



## ART. B34

Triplo anello semplice girevole con asta  
*Swivel triple banjo stem*

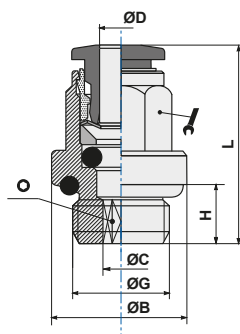
CODICE	ØD	G	ØA	H	L1	L			
B340418	4	1/8	5,5	5,5	58,4	21,1	14	3	10
B340618	6	1/8	5,5	5,5	58,4	24,3	14	3	10
B340614	6	1/4	7,8	7,5	67	25,5	18	4	10
B340818	8	1/8	5,5	5,5	58,4	24,8	14	3	10
B340814	8	1/4	7,8	7,5	67	26,5	18	4	10
B341014	10	1/4	7,8	7,5	67	51,5	18	4	10



**ART. 010T**

Diritto filetto cilindrico mschio con O-Ring  
*Straight male adaptor (parallel)*

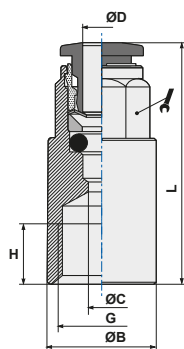
CODICE	ØD	G	ØC	ØB	H	L			
010T04M5	4	M5	2,6	9	4	20,5	Ø9	2,5	100
010T04M6	4	M6	2,6	9	5	20,5	Ø9	2,5	50
010T0418	4	1/8	2,6	13,5	5,5	20	9	2,5	50
010T0414	4	1/4	2,6	17	6,5	21	9	2,5	50
010T06M5	6	M5	2,6	11	4	22,8	Ø11	2,5	50
010T06M6	6	M6	2,6	11	5	24,8	Ø11	2,5	50
010T0618	6	1/8	4,2	13,5	5,5	25,3	11	4	50
010T0614	6	1/4	4,2	17	6,5	24,3	11	4	50
010T0818	8	1/8	5,2	12,8	5,5	27	13	5	50
010T0814	8	1/4	6,2	17	6,5	25,5	13	6	50
010T0838	8	3/8	6,2	20	7,5	25,5	13	6	50
010T0812	8	1/2	6,2	24	10	25	14	6	25
010T1014	10	1/4	7,3	16	6,5	30,4	16	7	50
010T1038	10	3/8	8,3	21	7,5	30,9	16	8	50
010T1012	10	1/2	14,1	23	10	24,7	17	8	25
010T1214	12	1/4	7,3	16	6,5	33,2	19	7	25
010T1238	12	3/8	10,3	22	7,5	33,2	19	10	25
010T1212	12	1/2	10,3	24	9	33,2	19	10	25
010T1438	14	3/8	10,3	21	7,5	35	19	10	25
010T1412	14	1/2	12,3	25	9	35	19	12	25



**ART. 020T**

Diritto femmina  
*Straight female adaptor*

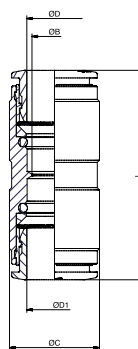
CODICE	ØD	G	ØC	ØB	H	L		
020T0418	4	1/8	3	12	6,5	26,5	9	50
020T0414	4	1/4	3	17	10	29,5	9	50
020T0618	6	1/8	5	12	6,5	28,3	11	50
020T0614	6	1/4	5	17	10	31,3	11	50
020T0818	8	1/8	7	12	6,5	28,5	13	50
020T0814	8	1/4	7	17	10	32,5	13	50



**ART. 030T**

Diritto innestabile  
*Straight connector*

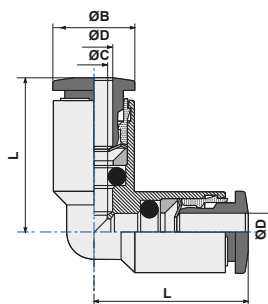
CODICE	ØD	ØD1	ØB	ØC	L	
030T0400	4	4	3	11	32	50
030T0600	6	6	5	13	36,1	50
030T0800	8	8	7	15	38	50
030T1000	10	10	9	18	42,3	50
030T1200	12	12	11	21	45,8	25
030T1400	14	14	13	23	48,9	25



**ART. 040T**

Gomito innestabile  
*L connector*

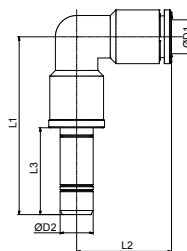
CODICE	ØD	ØC	ØB	L	
040T0400	4	3	10	19	50
040T0600	6	5	11	20,6	50
040T0800	8	7	13	23	50
040T1000	10	8	16	26,4	50
040T1200	12	10	19	28,9	25
040T1400	14	12	21	31,5	25



## ART. 040TLO


Gomito innestabile con codolo  
*Plug-in L connector*

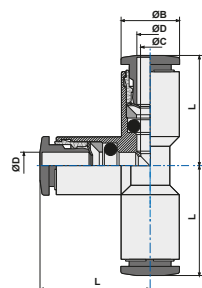
CODICE	ØD1	ØD2	L1	L2	L3	
040T04L0	4	4	34,5	18	16,7	50
040T06L0	6	6	42,5	23	19,5	50
040T08L0	8	8	46,5	25,5	21	50
040T10L0	10	10	51	27	24	25
040T12L0	12	12	54	29	25	25



## ART. 050T


T innestabile  
*T connector*

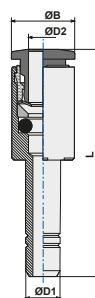
CODICE	ØD	ØC	ØB	L	
050T0400	4	3	9	17,3	50
050T0600	6	5	11	20,6	50
050T0800	8	7	13	23	50
050T1000	10	8	16	26,4	25
050T1200	12	10	19	28,9	25
050T1400	14	12	21	31,5	10



## ART. 080T


Riduzione con codolo  
*Plug-in reducer*

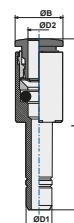
CODICE	ØD1	ØD2	ØB	L	
080T0604	6	4	9	32,5	50
080T0804	8	4	9	34	50
080T0806	8	6	11	36	50
080T1006	10	6	11	39,3	50
080T1008	10	8	13	39	50
080T1208	12	8	13	39,5	25
080T1210	12	10	16	41,4	25
080T1406	14	6	15	43,8	25



## ART. 080T/E



Maggiorazione con codolo  
*Plug-in increaser*

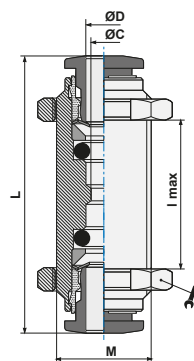
CODICE	ØD1	ØD2	ØB	L	
080TE0406	4	6	11	35,5	50
080TE0608	6	8	13	39	50



## ART. 100T

Passaparete  
*Bulkhead connector*

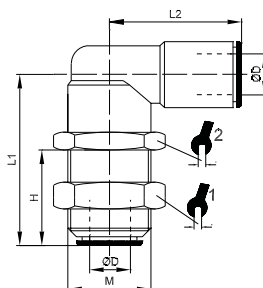
CODICE	ØD	ØC	M	I <sub>max</sub>	L		
100T0400	4	3	11x1	8	32	14	50
100T0600	6	5	14x1	8	36,1	17	50
100T0800	8	7	16x1	10	38	18	50
100T1000	10	9	18x1	12	42,3	21	25
100T1200	12	11	22x1	17	45,8	26	25
100T1400	14	13	24x1	18	47,5	27	25



**ART. 100TL**

 Passaparete ad L  
*L bulkhead*

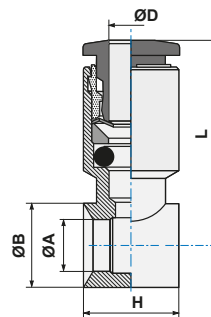
CODICE	ØD	M	H	L1	L2			
100TL0400	4	M11x1	12,5	25,5	20	13	13	50
100TL0600	6	M14x1	15	28	21	17	17	50
100TL0800	8	M16x1	17	30,5	24	18	18	50
100TL1000	10	M18x1	19	35	27	21	21	25


**ART. 130T**

 Anello semplice  
*Single banjo body*

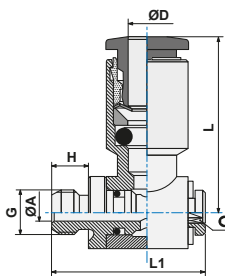
CODICE	ØD	G*	ØA	ØB	H	L	
130T04M5	4	M5	5	8	9	19,5	50
130T0418	4	1/8	9,9	14	15	21,1	50
130T0618	6	1/8	9,9	14	15	24,3	50
130T0614	6	1/4	13,3	18	17	25,5	50
130T0818	8	1/8	9,9	14	15	24,8	50
130T0814	8	1/4	13,3	18	17	26,5	50
130T0838	8	3/8	16,75	21	20	28,0	50
130T1014	10	1/4	13,3	18	17	28,4	50
130T1038	10	3/8	16,75	21	20	29,9	25
130T1214	12	1/4	13,3	18	17	30,9	25
130T1238	12	3/8	16,75	21	20	31,4	25
130T1212	12	1/2	21	26	24	34,9	25
130TR04M5	4	M5	6	8	9	19,5	50
130TR06M5	6	M5	6	8	9	22,5	50

 (\*) G = filetto vite/asta  
 (\*) G = steam thread

 Vedi capitolo Astine pag. 39  
 See page 39 of Stems section

**ART. 150T**

 Anello semplice girevole con asta  
*Complete single banjo (rotating under pressure)*

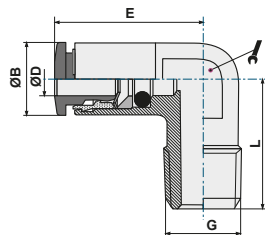
CODICE	ØD	G	ØA	H	L1	L		
150T04M5	4	M5	2	4	16,8	19,5	2,5	50
150T04M6	4	M6	2	4	17,8	19,5	2,5	50
150T0418	4	1/8	5,5	5,5	25	21,1	3	50
150T06M5	6	M5	2	4	16,5	22	2,5	50
150T0618	6	1/8	5,5	5,5	24,5	24,3	3	50
150T0614	6	1/4	7,8	6,5	28	25,5	4	50
150T0818	8	1/8	5,5	5,5	24,5	24,8	3	50
150T0814	8	1/4	7,8	6,5	28	26,5	4	50
150T0838	8	3/8	10	7,5	32,5	28	5	25
150T1014	10	1/4	7,8	6,5	28	28,4	4	25
150T1038	10	3/8	10	7,5	32,5	29,9	5	25
150T1214	12	1/4	7,8	6,5	28	30,9	4	25
150T1238	12	3/8	10	7,5	32,5	31,4	5	25
150T1212	12	1/2	12	9	40,8	34,9	8	10



**ART. 190T**

Raccordo ad elle fisso  
*L male adaptor*

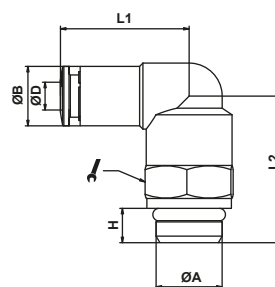
CODICE	ØD	G	ØB	E	L		
190T0418	4	1/8	9	18,6	16,5	10	100
190T0618	6	1/8	11	23,8	16,5	10	100
190T0614	6	1/4	11	25,3	22,5	11	100
190T0818	8	1/8	13	25,5	18,5	11	100
190T0814	8	1/4	13	25,5	22,0	11	100
190T1014	10	1/4	16	28,0	24,0	13	50



**ART. 220T**

Gomito girevole filetto cilindrico maschio con O-Ring  
*Swivel L male adaptor parallel*

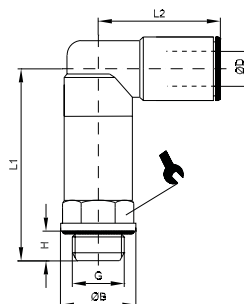
CODICE	ØD	A	H	ØB	L1	L2		
220T04M5	4	M5	4	9,1	17,3	14,8	9	100
220T04M12	4	M12x1,5	8	9,1	18,0	20,0	13	100
220T0418	4	1/8	6	9,1	18,0	20,0	13	100
220T0414	4	1/4	8	9,1	18,0	24,0	13	100
220T0438	4	3/8	9	9,1	18,0	25,5	13	100
220T06M5	6	M5	4	11	14,5	21,0	9	100
220T06M12	6	M12x1,5	8	11	23,0	25,5	13	100
220T0618	6	1/8	6	11	23,0	20,0	13	100
220T0614	6	1/4	8	11	23,0	24,0	13	100
220T0638	6	3/8	9	11	23,0	25,5	13	100
220T08M12	8	M12x1,5	8	13	25,5	25,5	13	100
220T0818	8	1/8	6	13	25,5	20,3	13	100
220T0814	8	1/4	8	13	25,5	24,3	13	100
220T0838	8	3/8	9	13	25,5	25,8	13	50
220T1014	10	1/4	8	16	27,0	26,0	16	50
220T1038	10	3/8	9	16	27,0	27,5	16	50
220T1012	10	1/2	11	16	27,0	27,5	16	50
220T1214	12	1/4	8	19	29,0	30,5	16	25
220T1238	12	3/8	9	19	29,0	28,5	20	25
220T1212	12	1/2	11	19	29,0	33,5	20	25
220T1438	14	3/8	9	21	32,0	28,5	20	25
220T1412	14	1/2	11	21	32,0	33,5	20	25



**ART. 22LOT**

Gomito innestabile con codolo  
*Plug-in L connector*

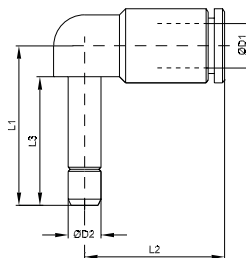
CODICE	ØD	G	ØB	H	L1	L2		
22LOT4M5	4	M5	8	4	23,5	18	9	25
22LOT418	4	G1/8	13	6	33	20	13	25
22LOT414	4	G1/4	16	8	38	20	13	25
22LOT6M5	6	M5	8	4	23,5	21	9	25
22LOT618	6	G1/8	13	6	33	21	13	25
22LOT614	6	G1/4	16	8	38	21	13	25
22LOT818	8	G1/8	13	6	33	24	13	25
22LOT814	8	G1/4	16	8	38	24	13	25
22LOT1014	10	G1/4	16	8	37	26,5	16	25





**ART. 220TLO**

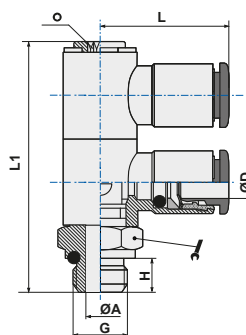
 Gomito innestabile con codolo  
*Plug-in L connector*

CODICE	ØD1	ØD2	L1	L2	L3	
22OT04L0	4	4	19,5	18	15,5	50
22OT06L0	6	6	26,5	20	18	50
22OT08L0	8	8	31	24	19,5	50
22OT10L0	10	10	41	25	24	25
22OT12L0	12	12	29	28	25	25





**ART. 330T**

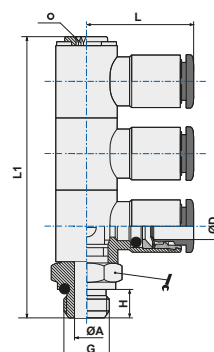
 Doppio anello semplice girevole con asta  
*Swivel double banjo stem*

CODICE	ØD	G	ØA	H	L1	L			
33OT0418	4	1/8	5,5	5,5	43,8	21,1	14	3	25
33OT0618	6	1/8	5,5	5,5	43,8	24,3	14	3	25
33OT0614	6	1/4	7,8	7,5	51,5	25,5	18	4	25
33OT0818	8	1/8	5,5	5,5	43,8	24,8	14	3	25
33OT0814	8	1/4	7,8	7,5	51,5	26,5	18	4	25
33OT1014	10	1/4	7,8	7,5	51,5	28,4	18	4	25


**ART. 340T**

 Triplo anello semplice girevole con asta  
*Swivel triple banjo stem*

CODICE	ØD	G	ØA	H	L1	L			
34OT0418	4	1/8	5,5	5,5	58,4	21,1	14	3	10
34OT0618	6	1/8	5,5	5,5	58,4	24,3	14	3	10
34OT0614	6	1/4	7,8	7,5	67	25,5	18	4	10
34OT0818	8	1/8	5,5	5,5	58,4	24,8	14	3	10
34OT0814	8	1/4	7,8	7,5	67	26,5	18	4	10
34OT1014	10	1/4	7,8	7,5	67	51,5	18	4	10



**BREVE DESCRIZIONE**

I raccordi automatici della nostra serie RAP sono realizzati in Italia, a garanzia di elevati standard di qualità secondo le normative ISO di riferimento e rispondono alle seguenti specifiche tecniche e applicative.

**SHORT DESCRIPTION**

The RAP series push-in fittings are produced in Italy according to the reference ISO norms as warranty of high quality level and answer to the followings technical specifications and applications.

**SCHEMA TECNICA TECHNICAL SHEET**

FLUIDI UTILIZZABILI <i>EMPLOYABLE FLUIDS</i>		Aria compressa (per altri fluidi contattare il nostro Ufficio Tecnico) <i>Compressed air (for different fluid pls contact our Technical Dept.)</i>
APPLICAZIONI <i>APPLICATIONS</i>		Pneumatica, idraulica a bassa pressione, secondo normativa DIN 3861-3870. Idonei al funzionamento con il vuoto. <i>Pneumatic circuits, low pressure hydraulic applications, according to DIN 3861-3870 norms. Suitable for vacuum applications.</i>
TUBI CONSIGLIATI <i>SUGGESTED TUBES</i>		TPU (Poliuretano), PA11/PA12 (Poliammide), TPE (Polietilene), TCO (Copoliestere) <i>TPU (Polyurethane), PA11/PA12 (Polyamide), TPE (Polyethylene), TCO (Copolyester)</i>
TOLLERANZE TUBI <i>TUBES TOLERANCES</i>		Diam. da 4 a 10 mm +/- 0,05 Diam. da 12 mm +/- 0,1 <i>Diam. between 4 and 10 mm +/- 0,05 Diam. from 12 mm +/- 0,1</i>
GRADO DI PROTEZIONE <i>INGRESS PROTECTION</i>		"" IP 68 ""
TEMPERATURE E PRESSIONI  <i>TEMPERATURE AND PRESSURE</i>	VALORI LIMITE CONSIGLIATI  <i>RECOMMENDED LIMIT VALUES</i>	Le temperature e le pressioni dipendono generalmente dalle caratteristiche del tubo impiegato, e comunque si suggerisce di non superare i 15 bar e temperature comprese fra -20°C e +70°C. <i>Temperatures and pressures usually depend by the technical features of the employed tubes, anyway it is suggested a limit working pressure of 15 bar and a temperature range between -20°C and +70°C</i>
	DATI TECNICI DI PROVA  <i>TECHNICAL TESTING DATA</i>	A pag. 34 sono riportati i dati di resistenza a trazione e i valori limite di utilizzo (Pressione e Temperature) relativi ai principali tubi commerciali. <i>At page 34 are indicated the load traction resistance values and the main working and breaking limit (Pressure and Temperature) of the main commercial tubing.</i>
	NOTA <i>NOTE</i>	Per dati più puntuali consultare il catalogo tecnico del proprio fornitore di tubi. <i>For more complete informations pls read the technical catalogue of your tube supplier.</i>
FILETTATURE <i>THREAD TYPE</i>		BSP cilindrica UNI-ISO 228; BSP conica UNI-ISO 7; Metrica ISO/R 262. <i>BSP parallel UNI-ISO 228; BSP tapered UNI-ISO 7; Metric ISO/R 262</i>
MATERIALI <i>MATERIALS</i>	corpo, spintore "OT", astine e basi girevoli <i>body, "OT" sleeve, stems and swivel bases</i>	Ottone UNI EN 12164 CW614N <i>Brass UNI EN 12164 CW614N</i>
	spintore, distanziale, sottomolla <i>sleeve, collar and back ring</i>	POM copolimero ISO1043-1 <i>POM copolymer ISO1043-1</i>
	pinza <i>spring</i>	Acciaio Inox AISI 301 austenitico <i>Stainless steel AISI 301 austenitic</i>
	guarnizioni tenuta <i>seals</i>	NBR 70 DWGV-EN549 UL157 <i>NBR 70 DWGV-EN549 UL157</i>



## INFORMAZIONI TECNICHE AGGIUNTIVE

Ogni lotto della serie RAP viene sottoposto a controlli cosiddetti "rompilotto" durante tutto il ciclo produttivo, che comprendono, oltre all'osservazione estetica, la verifica di funzionalità e di eventuali perdite, un test in pressione a 8 bar per verificarne la conformità anche in condizioni di utilizzo nominali. Successivamente viene eseguito un test a campione di rottura (simulazione scoppio a 50 bar di pressione) con una macchina dedicata che sollecita il raccordo a trazione. Di seguito viene indicata la forza minima di strappo (in Newton) ammessa per ogni diametro:

Diam. tubo <i>Tube diam.</i>	Forza di strappo <i>Breaking load</i>
Ø4	63 N
Ø6	141 N
Ø8	251 N
Ø10	393 N
Ø12	566 N
Ø14	750 N

### Nota importante:

I valori indicati si riferiscono alla tenuta della pinza di aggraffaggio, "core part" sia del raccordo RAP in ottone, che del Tecno-RAP in tecnopolimero, per cui omogenei. I valori di rottura sperimentali misurati sono stati, in base al diametro, anche da 1,2 a 2,5 volte superiori.

### Informazioni complementari sulle temperature di utilizzo:

Pressione di esercizio e pressione di scoppio (bar) alle diverse temperature Working pressure and breaking pressure (bar) at different temperatures						
Esempio Example	T-20°C	T-20°C	T+23°C	T+23°C	T+60°C	T+60°C
Tubo 6x4 colorato Tube 6x4 colored	P esercizio bar working P bar	P scoppio bar breaking P bar	P esercizio bar working P bar	P scoppio bar breaking P bar	P esercizio bar working P bar	P scoppio bar breaking P bar
TPU	18,7	74,8	10,0	40,0	5,2	20,8
PA11	37,4	149,6	20,0	80,0	10,4	41,6
PA12	48,6	168,3	26,0	90,0	10,4	36,0
PE	18,7	74,8	10,0	40,0	5,0	20,0

Tutte le necessarie valutazioni sull'utilizzo dei raccordi in condizioni di esercizio differenti da quelle suggerite nella scheda tecnica iniziale debbono anche tenere conto, con riferimento alle temperature, dei dati nominali relativi al tubo utilizzato e del limite imposto dal componente più critico.

SERIE TECNORAP: -20°+50° • SERIE RAP : -20° +70°  
 SERIE OT: -20° + 80° • SERIE OV : -20° +150°  
 SERIE SS:-20° +120°

## ADDITIONAL TECHNICAL INFORMATION

Each RAP production batch is tested according to severe cyclics "lot breaker" controls along all the production period, which include shape observation, leakage verification, functionality, at the working pressure of 8 bar.

Then all samples taken from the lot are tested by a traction machine which simulate a breaking pressure of 50 bar.

Here below are indicated the traction loads (in Newton) for each size:

### Important note:

The values refer to the resistance of the crimping gripper, "core part" of both fittings, the brass RAP and the technopolymer Tecno-RAP, whereby homogeneous. The breaking experimental values measured, according to the diameter, were from 1.2 to 2.5 times higher.

### Additional information regarding the working temperatures:

Further to all the necessary assessments on the use of the fittings in operating conditions different from how suggested in the initial technical sheet must be considered, with reference to temperatures, the nominal data regarding the type of the used tube and the limit imposed by the most critical component.

SERIES TECNORAP: -20°+50° • SERIES RAP : -20° +70°  
 SERIES OT: -20° + 80° • SERIES OV : -20° +150°  
 SERIES SS:-20° +120°