

ELSA Fittings POM (Push-in)

ELSA the perfect push-in fitting from AVS Römer



POM version

Operating pressure: Technical vacuum up to maximum pressure as stated in the respective specification table under OP.

Temperature range: -20 °C to + 80 °C
(for restrictions see specification table)

Application

ELSA push-in fittings can be used with the most varied of gaseous and liquid media. So long as the fitting materials are suitable, application with aggressive media is also possible. See also the information under characteristics.

CHARACTERISTICS

BODY MATERIAL / SUITABILITY

Plastic POM	Polyoxymethylene. UV-resistant. Suitable for neutral gaseous and liquid media. especially compressed air. water etc.
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Other materials see relevant products

TUBE

Outside diameter [mm]	4. 6 and 8	10. 12. 14 and 16	20, 22
Permitted tolerance [mm]	±0.1	±0.15	±0.2
Permitted grades	Polyamide (PA). polyurethane (PU). fluoropolymer (FEP) (PFA)		

THREAD

External thread	"M" cylindrical thread: Metric ISO thread M5
External thread	"G" cylindrical thread: Whitworth pipe thread DIN ISO 228-1 G 1/8 to G 3/4
Internal thread	"G" cylindrical thread: Whitworth pipe thread DIN ISO 228-1 G 1/8 to G 3/8

OPERATING PRESSURE / TEMPERATURE

Plastic version	permitted Operating pressure OP at the stated ambient temp. and medium temp. according to Table	Means that the permitted operating pressure OP within the permitted ambient temperature also depends on the medium temperature according to the table.
Permitted operating pressure and temperature of pipe/tube must be observed!		

THREAD SEAL

Cylindrical threaded nipple	Thread sealed by a NBR O-ring in recess	applies to all cylindrical threaded nipples
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"POSITIONABLE" VERSION

90° elbow, T and Y adaptors, male	not suitable for rotating or oscill. movements	Some types of fittings are 360°-positionable in order to facilitate alignment.
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SPECIAL VERSIONS (VERSIONS NOT INCLUDED IN THE CATALOG)

We also manufacture ELSA push-in fittings in various customer-specific versions.

- other O-ring materials. e.g. FKM, EPDM
- for pipes/tubes with imperial measures

Push-in Plug

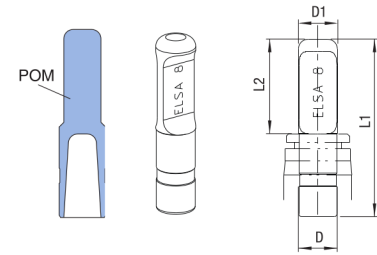
Price group **12**

permitted OP at ambient temp.
T_{min} -20 °C. T_{max} +60 °C

Plastic POM

for push-in connector D	permitted OP [bar] at medium temp.			L1	L2 approx.	D1	Weight in [g]	Type	Order number	Price
	20 °C	60 °C	80 °C							
4	16	16	12	31.5	16.7	6.2	0.6	971P-4	237404	o. r.
6	16	16	12	34.5	18.9	8.2	1	971P-6	237410	o. r.
8	16	16	12	37.5	19.9	8.2	1.4	971P-8	237412	o. r.
10	16	16	12	40.5	20.4	8	2	971P-10	237415	o. r.
12	16	12	10	44	22	8	2.5	971P-12	237417	o. r.
14	12	10	8	44.5	22	8	2.4	971P-14	237419	o. r.
16	12	8	6	45	22	8	3.6	971P-16	237422	o. r.

Illustration



Tube Cap

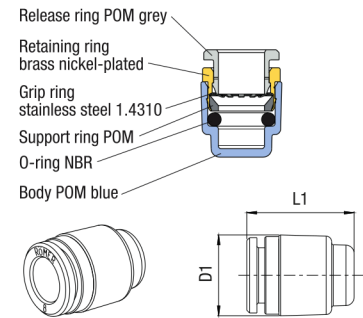
Price group **12**

permitted OP at ambient temp.
T_{min} -20 °C. T_{max} +60 °C

Plastic POM

for tube D	permitted OP [bar] at medium temp.			L1	D1	Weight in [g]	Type	Order number	Price
	20 °C	60 °C	80 °C						
6	16	12	10	19.5	12.6	3.6	972P-6	337427	o. r.
8	16	12	10	19.1	14.4	4.1	972P-8	337429	o. r.
10	16	12	10	21.6	17.2	6	972P-10	337430	o. r.
12	16	12	10	24	21	10.4	972P-12	337431	o. r.
16	12	10	8	25	25	19.4	972P-16	337433	o. r.

Illustration



Straight Stem Connector

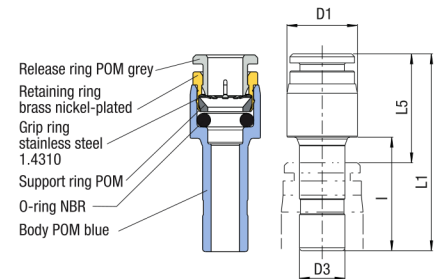
Price group **12**

permitted OP at ambient temp.
T_{min} -20 °C. T_{max} +60 °C

Plastic POM

for tube D	D3	permitted OP [bar] at medium temp.			I	L1	L5 approx.	D1	Weight in [g]	Type	Order number	Price
		20 °C	60 °C	80 °C								
4	6	16	12	12	18	31.6	16	10.4	7.2	947P-4-D6	339802	o. r.
6	8	16	12	10	20	34.7	17.1	12.4	1.4	947P-6-D8	339806	o. r.
6	10	16	12	10	23.8	40.3	20.2	14.4	5.9	947P-6-D10	339807	o. r.
8	10	16	12	10	23.8	40.7	20.6	14.4	5.3	947P-8-D10	339810	o. r.
8	12	16	12	10	26	43.3	21.3	17.2	7.1	947P-8-D12	339811	o. r.
10	12	16	12	10	26	44	22	17.2	7.8	947P-10-D12	339814	o. r.

Illustration



90° Elbow Adaptor - Male - Positionable

Price group **12**

permitted OP at ambient temp.
T_{min} -20 °C. T_{max} +60 °C

Cylindrical thread

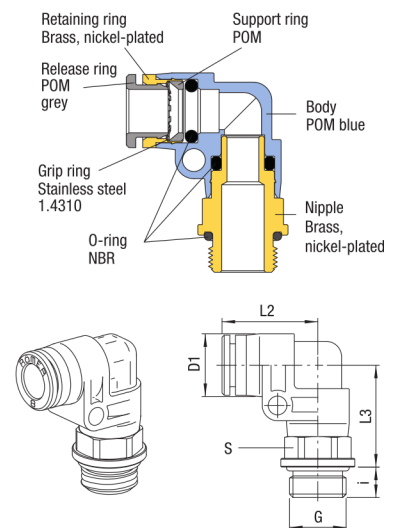
Thread sealed by a NBR O-Ring in recess

not suitable for rotating or oscill. movement

Plastic POM

for tube D	G	permitted OP [bar] at medium temp.			i	L2	L3	D1	S	Weight in [g]	Type	Order number	Price
		20 °C	60 °C	80 °C									
4	M 5	16	16	12	3.5	14.7	11	9.8	8	3.8	930P-4-M5	342004	o. r.
4	G 1/8	16	16	12	5	18.6	20.3	12.4	12	12.7	930P-4-1/8	342006	o. r.
4	G 1/4	16	12	10	7	18.5	20.3	12.4	12	15.7	930P-4-1/4	342007	o. r.
6	M 5	16	16	12	3.5	16.6	11	11.8	8	4.5	930P-6-M5	342010	o. r.
6	G 1/8	16	12	10	5	18.6	20.3	12.4	12	14.1	930P-6-1/8	342012	o. r.
6	G 1/4	16	12	10	7	19	20.3	12.4	12	15.9	930P-6-1/4	342013	o. r.
8	G 1/8	16	12	10	5	22.1	21.9	14.4	14	19.1	930P-8-1/8	342016	o. r.
8	G 1/4	16	12	10	7	22.1	23.4	14.4	14	22.3	930P-8-1/4	342017	o. r.
8	G 3/8	16	12	10	8	22.1	23.9	14.4	14	22.7	930P-8-3/8	342018	o. r.
10	G 1/8	16	12	10	5	26.1	25.2	17.2	14	25	930P-10-1/8	342020	o. r.
10	G 1/4	16	12	10	7	26.1	25.7	17.2	17	30	930P-10-1/4	342021	o. r.
10	G 3/8	16	12	10	8	26.1	27.2	17.2	17	30.9	930P-10-3/8	342022	o. r.
10	G 1/2	16	12	10	9	26.1	26.2	17.2	24*	48.2	930P-10-1/2	342023	o. r.
12	G 3/8	16	12	10	8	31	30.5	23	22	50.8	930P-12-3/8	342025	o. r.
12	G 1/2	16	12	10	9	31	31	23	24*	57	930P-12-1/2	342026	o. r.
14	G 3/8	12	10	8	8	31	30.5	23	22	51.6	930P-14-3/8	342027	o. r.
14	G 1/2	12	10	8	9	31	31	23	24*	57.8	930P-14-1/2	342028	o. r.
16	G 3/8	12	8	6	8	32	32	25	24*	66.2	930P-16-3/8	342029	o. r.
16	G 1/2	12	8	6	9	32	32	25	24*	64.6	930P-16-1/2	342030	o. r.
22	G 1/2	12	8	6	9	40.1	41	33.8	32	127	930P-22-1/2	342032	o. r.
22	G 3/4	12	8	6	11	40.1	40	33.8	32	128.8	930P-22-3/4	342033	o. r.

Illustration

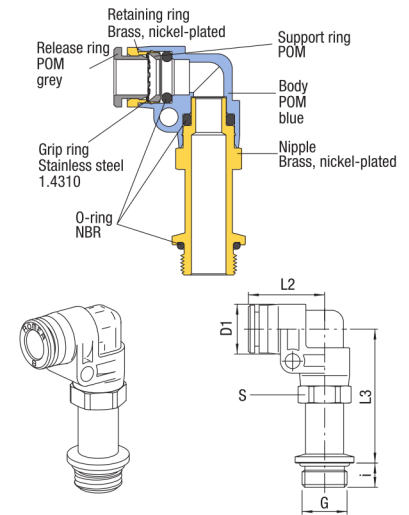


* S24 = octagon

90° Elbow Adaptor - Male - Positionable

Price group	12	permitted OP at ambient temp. T _{min} -20 °C. T _{max} +60 °C			Cylindrical thread		Thread sealed by a NBR O-Ring in recess			not suitable for rotating or oscill. movement			Plastic POM	
for tube D	G	permitted OP [bar] at medium temp.			i	L2	L3	D1	S	Weight in [g]	Type	Order number	Price	
		20 °C	60 °C	80 °C										
4	G 1/8	16	16	12	5	18.6	33.8	12.4	12	17.2	980P-4-1/8	342206	o. r.	
4	G 1/4	16	12	10	7	18.6	34.3	12.4	12	o. r.	980P-4-1/4	342207	o. r.	
6	G 1/8	16	12	10	5	19	33.8	12.4	12	17.5	980P-6-1/8	342212	o. r.	
6	G 1/4	16	12	10	7	19	34.3	12.4	12	21.9	980P-6-1/4	342213	o. r.	
8	G 1/8	16	12	10	5	22.1	37.4	14.4	14	24.2	980P-8-1/8	342216	o. r.	
8	G 1/4	16	12	10	7	22.1	38.9	14.4	14	28.6	980P-8-1/4	342217	o. r.	
8	G 3/8	16	12	10	8	22.1	39.4	14.4	14	o. r.	980P-8-3/8	342218	o. r.	
10	G 1/4	16	12	10	7	26.1	42.7	17.2	17	o. r.	980P-10-1/4	342221	o. r.	
10	G 3/8	16	12	10	8	26.1	45.5	17.2	17	50.5	980P-10-3/8	342222	o. r.	

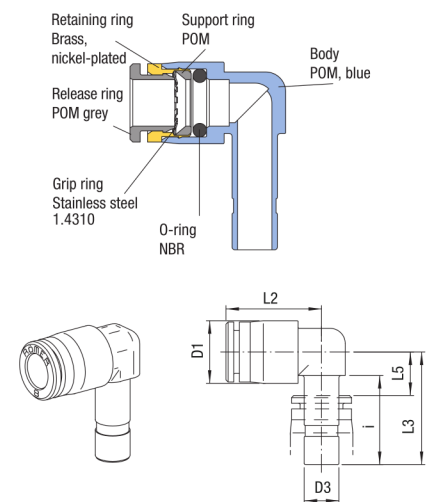
Illustration



90° Elbow Stem Connector

Price group	12	permitted OP at ambient temp. T _{min} -20 °C. T _{max} +60 °C										Plastic POM			
		for tube D	Stem D3	permitted OP [bar] at medium temp.			I	L2	L3	D1	L5 approx.	Weight in [g]	Type	Order number	Price
20 °C	60 °C			80 °C											
		4	4	16	16	12	17	18.6	21.4	12.4	6.6	3.5	911P-4-D4	348454	o. r.
		4	6	16	16	12	18	18.6	22.4	12.4	6.8	3.6	911P-4-D6	348458	o. r.
		6	4	16	12	10	17	19	21.4	12.4	6.6	4.1	911P-6-D4	348459	o. r.
		6	6	16	12	10	18	19.1	22.4	12.4	6.8	3.7	911P-6-D6	348460	o. r.
		6	8	16	12	10	20.5	21.6	25.9	14.4	8.3	5.7	911P-6-D8	348461	o. r.
		8	8	16	12	10	20.5	22.1	25.9	14.4	8.3	5.3	911P-8-D8	348462	o. r.
		8	10	16	12	10	24	25.4	32.1	17.2	12	8.4	911P-8-D10	348464	o. r.
		10	10	16	12	10	24	26.1	32.1	17.2	12	11.1	911P-10-D10	348465	o. r.

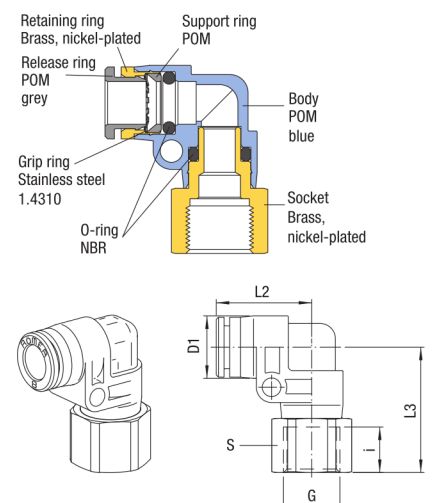
Illustration



90° Elbow Adaptor - Female - Positionable

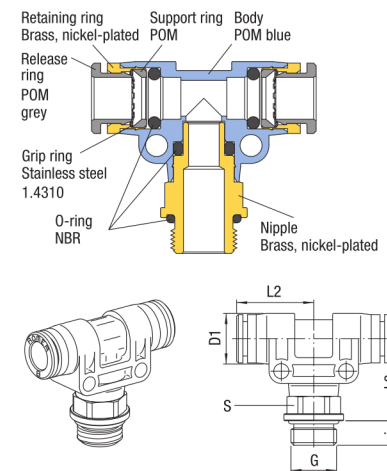
Price group	12	permitted OP at ambient temp. T _{min} -20 °C. T _{max} +60 °C			Cylindrical thread			not suitable for rotating or oscill. movement			Plastic POM			
		for tube D	G	permitted OP [bar] at medium temp.			i	L2	L3	D1	S	Weight in [g]	Type	Order number
20 °C	60 °C			80 °C										
	4	G 1/8	16	16	12	7	18.6	23.8	12.4	13	15	979P-4-1/8	343206	o. r.
	4	G 1/4	16	12	10	9	18.6	26.3	12.4	17	22,1	979P-4-1/4	343207	o. r.
	4	G 3/8	16	12	10	10	18.6	27.3	12.4	19	o. r.	979P-4-3/8	343208	o. r.
	6	G 1/8	16	12	10	7	19	23.8	12.4	13	14,4	979P-6-1/8	343212	o. r.
	6	G 1/4	16	12	10	9	19	26.3	12.4	17	22,3	979P-6-1/4	343213	o. r.
	6	G3/8	16	12	10	10	19	27.3	12.4	19	o. r.	979P-6-3/8	343214	o. r.
	8	G 1/8	16	12	10	7	22.1	27.9	14.4	14	20,6	979P-8-1/8	343216	o. r.
	8	G 1/4	16	12	10	9	22.1	30.4	14.4	17	27,5	979P-8-1/4	343217	o. r.
	10	G3/8	16	12	10	10	26.1	33.2	17.2	19	29,4	979P-10-3/8	343222	o. r.
	10	G1/2	16	12	10	13	26.1	37.2	17.2	24	43,7	979P-10-1/2	343223	o. r.

Illustration

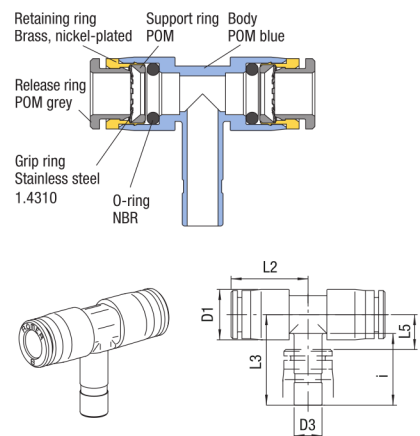


T-Adaptor - Male - Positionable

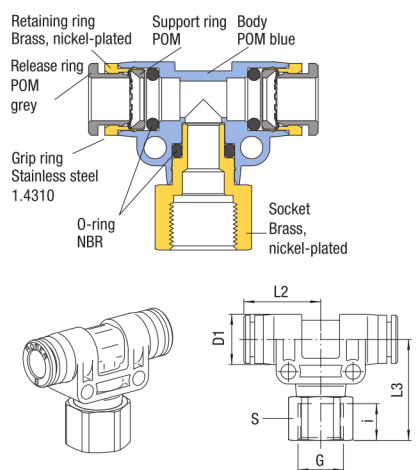
Price group 12		permitted OP at ambient temp. T _{min} -20 °C. T _{max} +60 °C			Cylindrical thread			Thread sealed by a NBR O-Ring in recess			not suitable for rotating or oscill. movement			Plastic POM	
for tube D	G	permitted OP [bar] at medium temp.			i	L2	L3	D1	S	Weight in [g]	Type	Order number	Price		
		20 °C	60 °C	80 °C											
4	G 1/8	16	12	10	5	18.6	20.3	12.4	12	o. r.	921P-4-1/8	344006	o. r.		
4	G 1/4	16	12	10	7	18.6	20.3	12.4	12	19	921P-4-1/4	344007	o. r.		
6	G 1/8	16	12	10	5	19	20.3	12.4	12	20	921P-6-1/8	344012	o. r.		
6	G 1/4	16	12	10	7	19	20.3	12.4	12	22.2	921P-6-1/4	344013	o. r.		
8	G 1/8	16	12	10	5	22.1	21.9	14.4	14	23.4	921P-8-1/8	344016	o. r.		
8	G 1/4	16	12	10	7	22.1	23.4	14.4	14	26.1	921P-8-1/4	344017	o. r.		
8	G 3/8	16	12	10	8	22.1	23.9	14.4	14	26.9	921P-8-3/8	344018	o. r.		
10	G 1/4	16	12	10	7	26.1	25.7	17.2	17	38.2	921P-10-1/4	344021	o. r.		
10	G 3/8	16	12	10	8	26.1	27.2	17.2	17	46.4	921P-10-3/8	344022	o. r.		
10	G 1/2	16	12	10	9	26.1	26.2	17.2	24	o. r.	921P-10-1/2	344023	o. r.		
12	G 3/8	16	12	10	8	31	30.5	23	22	64.8	921P-12-3/8	344025	o. r.		
12	G 1/2	16	12	10	9	31	31	23	24*	74.1	921P-12-1/2	344026	o. r.		
14	G 3/8	12	10	8	8	31	30.5	23	22	63.3	921P-14-3/8	344027	o. r.		
14	G 1/2	12	10	8	9	31	31	23	24*	69.2	921P-14-1/2	344028	o. r.		
16	G 3/8	12	8	6	8	32	32	25	24*	78.2	921P-16-3/8	344029	o. r.		
16	G 1/2	12	8	6	9	32	32	25	24*	80.2	921P-16-1/2	344030	o. r.		
22	G 1/2	12	8	6	9	40.1	41	33.8	32	157	921P-22-1/2	344032	o. r.		
22	G 3/4	12	8	6	11	40.1	40	33.8	32	159.9	921P-22-3/4	344033	o. r.		

Illustration

T-Stem Connector

Price group 12		permitted OP at ambient temp. T _{min} -20 °C. T _{max} +60 °C												Plastic POM	
for tube D	Stem D3	permitted OP [bar] at medium temp.			I	L2	L3	D1	L5 approx.	Weight in [g]	Type	Order number	Price		
		20 °C	60 °C	80 °C											
4	4	16	16	12	17	18.6	21.4	12.4	6.6	6.2	912P-4-D4	348504	o. r.		
4	6	16	16	12	18	18.6	22.4	12.4	6.8	o. r.	912P-4-D6	348508	o. r.		
6	4	16	12	10	17	19	21.4	12.4	6.6	o. r.	912P-6-D4	348509	o. r.		
6	6	16	12	10	18	19	22.4	12.4	6.8	6.4	912P-6-D6	348510	o. r.		
6	8	16	12	10	20.5	21.6	25.9	14.4	8.3	o. r.	912P-6-D8	348511	o. r.		
8	8	16	12	10	20.5	22.1	25.9	14.4	8.3	9.4	912P-8-D8	348512	o. r.		
8	10	16	12	10	24	25.4	32.1	17.2	12	o. r.	912P-8-D10	348514	o. r.		
10	10	16	12	10	24	26.1	32.1	17.2	12	15.1	912P-10-D10	348515	o. r.		

Illustration

T-Adaptor - Female - Positionable

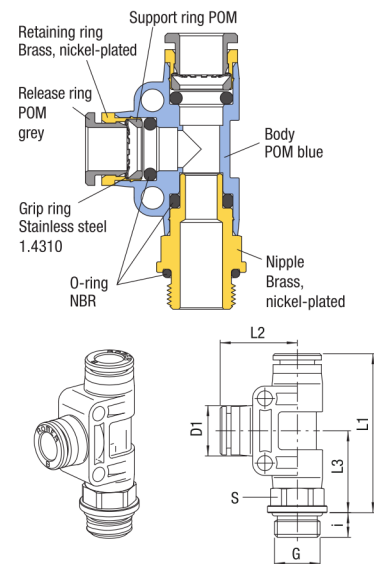
Price group 12		permitted OP at ambient temp. T _{min} -20 °C. T _{max} +60 °C			Cylindrical thread			not suitable for rotating or oscill. movement						Plastic POM	
for tube D	G	permitted OP [bar] at medium temp.			i	L2	L3	D1	S	Weight in [g]	Type	Order number	Price		
		20 °C	60 °C	80 °C											
4	G 1/8	16	12	10	7	18.6	23.8	12.4	13	o. r.	970P-4-1/8	345306	o. r.		
4	G 1/4	16	12	10	9	18.6	26.3	12.4	17	24.8	970P-4-1/4	345307	o. r.		
6	G 1/8	16	12	10	7	19	23.8	12.4	13	17.7	970P-6-1/8	345312	o. r.		
6	G 1/4	16	12	10	9	19	26.3	12.4	17	25.1	970P-6-1/4	345313	o. r.		
8	G 1/8	16	12	10	7	22.1	27.9	14.4	14	o. r.	970P-8-1/8	345316	o. r.		
8	G 1/4	16	12	10	9	22.1	30.4	14.4	17	o. r.	970P-8-1/4	345317	o. r.		
10	G 1/2	16	12	10	13	26.1	37.2	17.2	24	26	970P-10-1/2	345323	o. r.		

Illustration


Side T-Adaptor - Male - Positionable

Price group	12	permitted OP at ambient temp. T _{min} -20 °C. T _{max} +60 °C				Cylindrical thread		Thread sealed by a NBR O-Ring in recess				not suitable for rotating or oscill. movement			Plastic POM	
for tube D	G	permitted OP [bar] at medium temp.			i	L1	L2	L3	D1	S	Weight in [g]	Type	Order number	Price		
		20 °C	60 °C	80 °C												
4	G 1/8	16	12	10	5	38.9	18.6	20.3	12.4	12	16.5	922P-4-1/8	345006	o. r.		
4	G 1/4	16	12	10	7	38.9	18.6	20.3	12.4	12	o. r.	922P-4-1/4	345007	o. r.		
6	G 1/8	16	12	10	5	39.3	19	20.3	12.4	12	o. r.	922P-6-1/8	345012	o. r.		
6	G 1/4	16	12	10	7	39.3	19	20.3	12.4	12	18.8	922P-6-1/4	345013	o. r.		
8	G 1/8	16	12	10	5	44	22.1	21.9	14.4	14	23.3	922P-8-1/8	345016	o. r.		
8	G 1/4	16	12	10	7	45.5	22.1	23.4	14.4	14	26.3	922P-8-1/4	345017	o. r.		
8	G 3/8	16	12	10	8	46	22.1	23.9	14.4	14	27.1	922P-8-3/8	345018	o. r.		
10	G 1/4	16	12	10	7	51.8	26.1	25.7	17.2	17	38.1	922P-10-1/4	345021	o. r.		
10	G 3/8	16	12	10	8	53.3	26.1	27.2	17.2	17	o. r.	922P-10-3/8	345022	o. r.		
10	G 1/2	16	12	10	9	52.3	26,1	26,2	17,4	24	o. r.	922P-10-1/2	345023	o. r.		
12	G 3/8	16	12	10	8	61.5	31	30.5	23	22	o. r.	922P-12-3/8	345025	o. r.		
12	G 1/2	16	12	10	9	62	31	31	23	24*	71.4	922P-12-1/2	345026	o. r.		
14	G 1/2	12	10	8	9	62	31	31	23	24*	o. r.	922P-14-1/2	345028	o. r.		
16	G 3/8	12	8	6	8	64	32	32	25	24*	o. r.	922P-16-3/8	345029	o. r.		
16	G 1/2	12	8	6	9	64	32	32	25	24*	o. r.	922P-16-1/2	345030	o. r.		
22	G 1/2	12	8	6	9	81.1	40.1	41	33.8	32	o. r.	922P-22-1/2	345032	o. r.		
22	G 3/4	12	8	6	11	80.1	40.1	40	33.8	32	o. r.	922P-22-3/4	345033	o. r.		

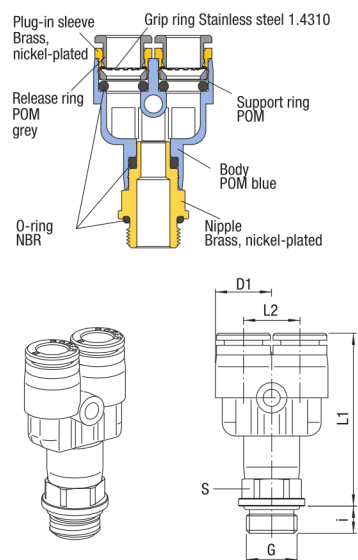
Illustration



Y-Adaptor - Male - Positionable

Price group	12	permitted OP at ambient temp. T _{min} -20 °C. T _{max} +60 °C			Cylindrical thread		Thread sealed by a NBR O-Ring in recess			not suitable for rotating or oscill. movement			Plastic POM	
		permitted OP [bar] at medium temp.			i	L1	L2	D1	S	Weight in [g]	Type	Order number	Price	
for tube D	G	20 °C	60 °C	80 °C										
4	G 1/8	16	12	10	5	38.9	12.5	12.4	12	17.5	992P-4-1/8	345406	o. r.	
4	G 1/4	16	12	10	7	38.9	12.5	12.4	12	18.7	992P-4-1/4	345407	o. r.	
6	G 1/8	16	12	10	5	39.3	12.5	12.4	12	17	992P-6-1/8	345412	o. r.	
6	G 1/4	16	12	10	7	39.3	12.5	12.4	12	18.8	992P-6-1/4	345413	o. r.	
8	G 1/8	16	12	10	5	43	14.5	14.4	14	o. r.	992P-8-1/8	345416	o. r.	
8	G 1/4	16	12	10	7	44.5	14.5	14.4	14	29.8	992P-8-1/4	345417	o. r.	
8	G 3/8	16	12	10	8	45	14.5	14.4	14	27.1	992P-8-3/8	345418	o. r.	
10	G 1/4	16	12	10	7	48.8	17	17.2	17	38	992P-10-1/4	345421	o. r.	
10	G 3/8	16	12	10	8	50.3	17	17.2	17	37.5	992P-10-3/8	345422	o. r.	
10	G 1/2	16	12	10	9	49.3	17	17	24	54.9	992P-10-1/2	345423	o. r.	
12	G 3/8	16	12	10	8	54	20.5	21	22	60.4	992P-12-3/8	345425	o. r.	
12	G 1/2	16	12	10	9	55.5	20.5	21	24*	63.5	992P-12-1/2	345426	o. r.	

Illustration



* S24 = octagon

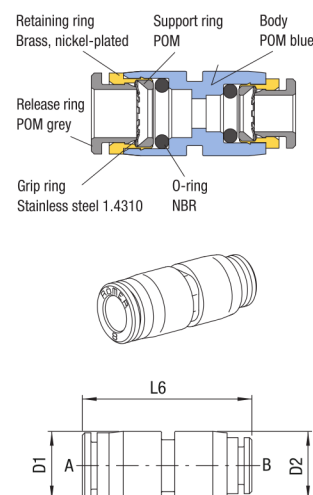
Straight Connector

Price group **12** permitted OP at ambient temp.
T_{min} -20 °C. T_{max} +60 °C

Plastic
POM

for tube AD	for tube BD	permitted OP [bar] at medium temp.			L6	D1	D2	Weight in [g]	Type	Order number	Price
		20 °C	60 °C	80 °C							
4	4	16	16	12	30.1	10.4	10.4	4.2	958P-4	347104	o. r.
6	4	16	12	10	31.8	12.4	12.4	6.1	958P-6-4	347108	o. r.
6	6	16	12	10	32.2	12.4	12.4	5.7	958P-6	347110	o. r.
8	4	16	12	10	35.3	14.4	14.4	7.7	958P-8-4	347101	o. r.
8	6	16	12	10	35.8	14.4	14.4	7.8	958P-8-6	347111	o. r.
8	8	16	12	10	36.2	14.4	14.4	8.2	958P-8	347112	o. r.
10	6	16	12	10	40	17.2	17.2	11.9	958P-10-6	347113	o. r.
10	8	16	12	10	40.5	17.2	17.2	12.2	958P-10-8	347114	o. r.
10	10	16	12	10	41.2	17.2	17.2	12.3	958P-10	347115	o. r.
12	10	16	12	10	44.9	21	21	19.4	958P-12-10	347116	o. r.
12	12	16	12	10	45	21	21	19.8	958P-12	347117	o. r.
14	12	12	10	8	46	23	23	24.6	958P-14-12	347118	o. r.
14	14	12	10	8	46	23	23	22.8	958P-14	347119	o. r.
16	12	12	8	6	47	25	25	28	958P-16-12	347120	o. r.
16	14	12	8	6	47	25	25	26.2	958P-16-14	347121	o. r.
16	16	12	8	6	47	25	25	25.5	958P-16	347122	o. r.
20	20	12	8	6	54.5	31.8	31.8	50	958P-20	347123	o. r.
22	22	12	8	6	57.2	33.8	33.8	59.1	958P-22	347124	o. r.

Illustration



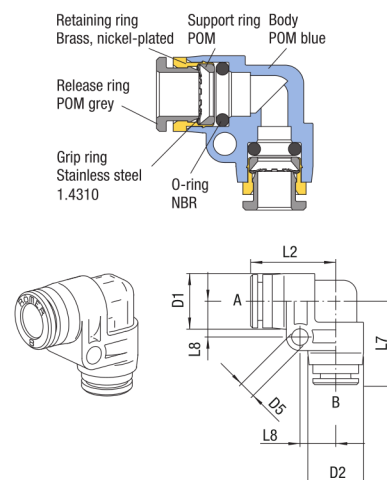
90° Elbow Connector

Price group **12** permitted OP at ambient temp.
T_{min} -20 °C. T_{max} +60 °C

Plastic
POM

for tube AD	for tube BD	permitted OP [bar] at medium temp.			L2	L7	L8	D1	D2	D5	Weight in [g]	Type	Order number	Price
		20 °C	60 °C	80 °C										
4	4	16	16	12	18.6	18.6	8.3	12.4	12.4	4.3	6.3	955P-4	347304	o. r.
6	4	16	12	10	19	18.6	8.3	12.4	12.4	4.3	6.4	955P-6-4	347308	o. r.
6	6	16	12	10	19	19	8.3	12.4	12.4	4.3	6.4	955P-6	347310	o. r.
8	6	16	12	10	22.1	21.3	9.3	14.4	14.4	4.3	9.3	955P-8-6	347311	o. r.
8	8	16	12	10	22.1	22.1	9.3	14.4	14.4	4.3	9.6	955P-8	347312	o. r.
10	6	16	12	10	26.1	25	12	17.2	17.2	4.3	14.3	955P-10-6	347313	o. r.
10	8	16	12	10	26.1	25.4	12	17.2	17.2	4.3	15.4	955P-10-8	347314	o. r.
10	10	16	12	10	26.1	26.1	12	17.2	17.2	4.3	15	955P-10	347315	o. r.
12	10	16	12	10	31	30.9	12	23	23	4.3	28	955P-12-10	347316	o. r.
12	12	16	12	10	31	31	12	23	23	4.3	28.4	955P-12	347317	o. r.
14	12	12	10	8	31	31	12	23	23	4.3	o. r.	955P-14-12	347318	o. r.
14	14	12	10	8	31	31	12	23	23	4.3	27.3	955P-14	347319	o. r.
14	10	12	10	8	31	30.9	12	23	23	4.3	27.4	955P-14-10	347309	o. r.
16	16	12	8	6	32	32	12	25	25	4.3	30.6	955P-16	347322	o. r.
22	22	12	8	6	40.1	40.1	16	33.8	33.8	5.4	71.8	955P-22	347324	o. r.

Illustration



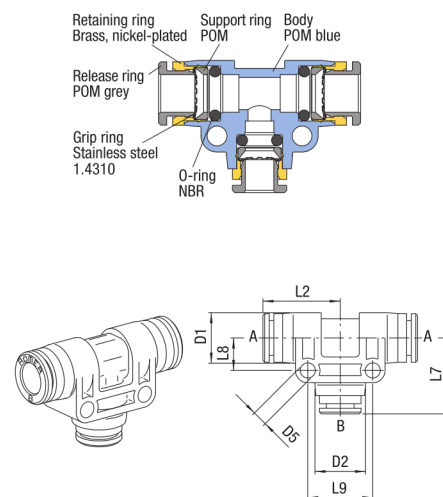
T-Connector

Price group **12** permitted OP at ambient temp.
T_{min} -20 °C. T_{max} +60 °C

Plastic
POM

for tube AD	for tube BD	permitted OP [bar] at medium temp.			L2	L7	L8	L9	D1	D2	D5	Weight in [g]	Type	Order number	Price
		20 °C	60 °C	80 °C											
4	4	16	16	12	18.6	18.6	8.3	16.5	12.4	12.4	4.3	9.2	954P-4	347504	o. r.
4	6	16	12	10	18.6	19	8.3	16.5	12.4	12.4	4.3	9.6	954P-4-6	347358	o. r.
6	4	16	12	10	19	18.6	8.3	16.5	12.4	12.4	4.3	9.6	954P-6-4	347508	o. r.
6	6	16	12	10	19	19	8.3	16.5	12.4	12.4	4.3	9.6	954P-6	347510	o. r.
6	8	16	12	10	21.6	22.1	9.3	18.5	14.4	14.4	4.3	13.3	954P-6-8	347361	o. r.
8	6	16	12	10	22.1	21.6	9.3	18.5	14.4	14.4	4.3	13.5	954P-8-6	347511	o. r.
8	8	16	12	10	22.1	22.1	9.3	18.5	14.4	14.4	4.3	13.8	954P-8	347512	o. r.
8	10	16	12	10	25.4	26.1	12	24	17.2	17.2	4.3	21.2	954P-8-10	347364	o. r.
10	6	16	12	10	26.1	25	12	24	17.2	17.2	4.3	21.8	954P-10-6	347513	o. r.
10	8	16	12	10	26.1	25.4	12	24	17.2	17.2	4.3	21.5	954P-10-8	347514	o. r.
10	10	16	12	10	26.1	26.1	12	24	17.2	17.2	4.3	22.4	954P-10	347515	o. r.
10	12	16	12	10	30.9	31	12	24	23	23	4.3	39.8	954P-10-12	347366	o. r.
12	10	16	12	10	31	31	12	24	23	23	4.3	o. r.	954P-12-10	347516	o. r.
12	12	16	12	10	31	31	12	24	23	23	4.3	44	954P-12	347517	o. r.
14	14	12	10	8	31	31	12	24	23	23	4.3	43.6	954P-14	347519	o. r.
14	10	12	10	8	31	30.9	12	24	23	23	4.3	39.0	954P-14-10	347509	o. r.
16	16	12	8	6	32	32	12	24	25	25	4.3	48.3	954P-16	347522	o. r.
16	12	12	8	6	32	32	12	24	25	25	4.3	49.1	954P-16-12	347520	o. r.
22	16	12	8	6	40.1	39.5	16	32	33.8	33.8	5.4	99.9	954P-22-16	347523	o. r.
22	22	12	8	6	40.1	40.1	16	32	33.8	33.8	5.4	103	954P-22	347524	o. r.

Illustration



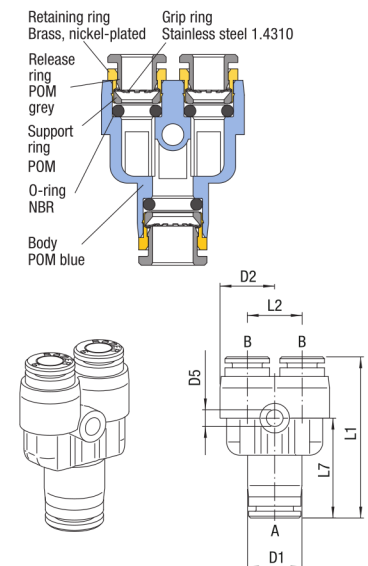
Y-Connector

Price group **12** permitted OP at ambient temp.
T_{min} -20 °C. T_{max} +60 °C

Plastic
POM

for tube AD	for tube BD	permitted OP [bar] at medium temp.			L1	L2	L7	D1	D2	D5	Weight in [g]	Type	Order number	Price
		20 °C	60 °C	80 °C										
4	4	16	16	12	37.2	12.5	22.6	12.4	12.4	3.3	9.3	982P-4	347604	o. r.
6	4	16	12	10	37.6	12.5	23.1	12.4	12.4	3.3	9.7	982P-6-4	347608	o. r.
6	6	16	12	10	38.2	12.5	23.1	12.4	12.4	3.3	9.5	982P-6	347610	o. r.
8	4	16	12	10	42.3	14.5	26.5	14.4	14.4	4.3	13.4	982P-8-4	347626	o. r.
8	6	16	12	10	42.8	14.5	26.5	14.4	14.4	4.3	13.5	982P-8-6	347611	o. r.
8	8	16	12	10	43.2	14.5	26.5	14.4	14.4	4.3	14	982P-8	347612	o. r.
10	8	16	12	10	48.5	17	31.1	17.2	14.4	4.3	19.8	982P-10-8	347614	o. r.
10	10	16	12	10	49.2	17	31.1	17.2	17.2	4.3	21.5	982P-10	347615	o. r.
12	8	16	12	10	54.7	20.5	35.5	21	21	4.3	33	982P-12-8	347627	o. r.
12	10	16	12	10	55.4	20.5	35.5	21	21	4.3	36	982P-12-10	347616	o. r.
12	12	16	12	10	55.5	20.5	35.5	21	21	4.3	39.5	982P-12	347617	o. r.
14	12	12	10	8	56.5	22	36.5	23	23	4.3	o. r.	982P-14-12	347618	o. r.
14	14	12	10	8	56.5	22	36.5	23	23	4.3	40.0	982P-14	347619	o. r.

Illustration



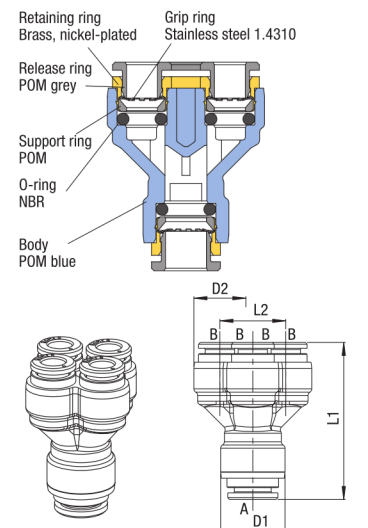
Double Y-Connector

Price group **12** permitted OP at ambient temp.
T_{min} -20 °C. T_{max} +60 °C

Plastic
POM

for tube AD	for tube BD	permitted OP [bar] at medium temp.			L1	L2	D1	D2	Weight in [g]	Type	Order number	Price
		20 °C	60 °C	80 °C								
6	6	16	12	10	40.8	17.6	17	13.7	19,5	984P-6	347660	o. r.
8	6	16	12	10	41.2	17.6	17	13.7	19,8	984P-8-6	347661	o. r.

Illustration



Straight Bulkhead Connector

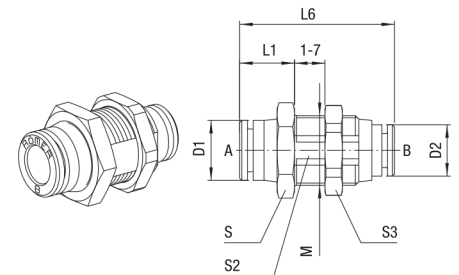
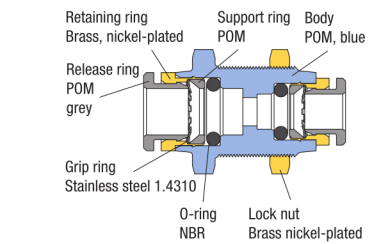
Price group **12**

permitted OP at ambient temp.
T_{min} -20 °C. T_{max} +60 °C

**Plastic
POM**

for tube AD	for tube BD	permitted OP [bar] at medium temp.			M	L1	L6	D1	D2	S	S2	S3	Weight in [g]	Type	Order number	Price
		20 °C	60 °C	80 °C												
4	4	16	16	12	M14x1	10.5	31.4	9.4	9.4	17	12.5	17	9.1	959P-4	348604	o. r.
6	4	16	12	10	M14x1	11	32	11.4	9.4	17	12.5	17	9.2	959P-6-4	348608	o. r.
6	6	16	12	10	M14x1	11	32	11.4	11.4	17	12.5	17	9.3	959P-6	348610	o. r.
8	6	16	12	10	M16x1	13	36	13.8	11.4	19	14.5	19	12.4	959P-8-6	348611	o. r.
8	8	16	12	10	M16x1	12.7	36.2	13.8	13.8	19	14.5	17	12.7	959P-8	348612	o. r.
10	8	16	12	10	M20x1	13.4	40.5	16.4	13.8	22	18	24*	27	959P-10-8	348614	o. r.
10	10	16	12	10	M20x1	13	41	16.4	16.4	22	18	24*	20.8	959P-10	348615	o. r.

Illustration



Banjo Fitting

Price group **12**

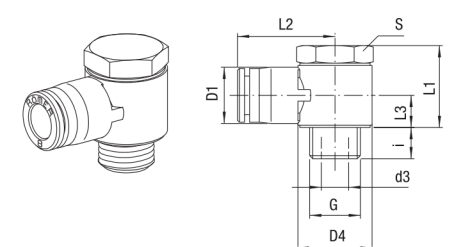
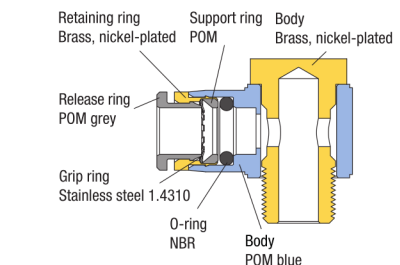
permitted OP at ambient temp.
T_{min} -20 °C. T_{max} +60 °C

Cylindrical
thread

**Plastic
POM**

for tube D	G	permitted OP [bar] at medium temp.			i**	L1**	L2	L3**	d3	D1	D4	S	Weight in [g]	Type	Order number	Price
		20 °C	60 °C	80 °C												
4	M 5	16	12	10	3.5	14.5	17.1	5.5	2	8	9	8	5.1	952P-4-M5	370404	o. r.
4	G 1/8	16	12	10	6	20.5	22.2	8.3	5	14.4	15	14	18.1	952P-4-1/8	370406	o. r.
6	M 5	16	12	10	3.5	14.5	17.9	5.5	2	10	9	8	o. r.	952P-6-M5	370410	o. r.
6	G 1/8	16	12	10	6	20.5	22.6	8.3	5	14.4	15	14	18.3	952P-6-1/8	370412	o. r.
6	G 1/4	16	12	10	8	21	24.6	8.3	7	14.4	19	17	o. r.	952P-6-1/4	370413	o. r.
8	G 1/8	16	12	10	6	20.5	23.1	8.3	5	14.4	15	14	18.4	952P-8-1/8	370416	o. r.
8	G 1/4	16	12	10	8	21	25.1	8.3	7	14.4	19	17	30	952P-8-1/4	370417	o. r.
8	G 3/8	16	12	7.5	8	26.5	28.5	10.8	9.5	17.2	22.4	19	49.1	952P-8-3/8	370418	o. r.
10	G 1/4	16	12	10	7.5	25	27.5	10.3	7	17.2	19	17	o. r.	952P-10-1/4	370421	o. r.
10	G 3/8	16	12	7.5	8	26.5	29.2	10.5	9.5	17.2	22.4	19	o. r.	952P-10-3/8	370422	o. r.
10	G 1/2	16	12	7.8	7.8	27.7	33.2	11.4	12	21	27	27	o. r.	952P-10-1/2	370423	o. r.
12	G 3/8	16	12	6.8	6.8	27.7	31	11.4	9.5	21	22.4	19	o. r.	952P-12-3/8	370425	o. r.
12	G 1/2	16	12	7.8	7.8	27.7	33.3	11.4	12	21	27	27	o. r.	952P-12-1/2	370426	o. r.
14	G 1/2	12	10	8.8	8.8	31.7	34.2	13.4	12	25	27	27	102	952P-14-1/2	370428	o. r.
16	G 1/2	12	8	6	8.8	31.7	34.2	13.4	12	25	27	27	101.4	952P-16-1/2	370430	o. r.

Illustration



* S24 = octagon ** Approximate dimensions with tightened screw connection