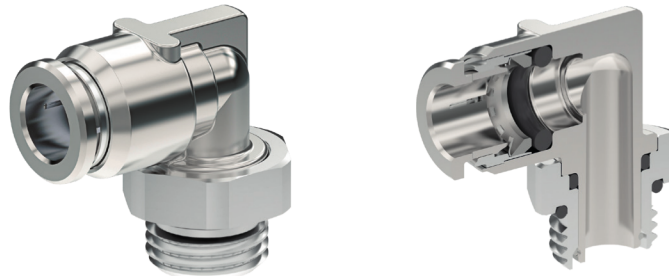


ELSA Fittings Stainless Steel AISI 316L (1.4404) (Push-in)

ELSA the Established push-in connector from AVS Römer



Stainless steel version

Operating pressure Technical vacuum up to maximum pressure as stated in the respective specification table under PN. Temperature range 0 °C to +200 °C (for restrictions see specification table)

Application

ELSA push-in fittings made of stainless steel 1.4404 are used in particular for aggressive gases and liquid media under harsh operating conditions. These push-in fittings are equipped with FDA-compliant FKM sealing rings as standard, on request, these are also available with FDA-compliant EPDM sealing rings approved according to the UBA elastomer guidelines.

CHARACTERISTICS

BODY MATERIAL / SUITABILITY

Stainless steel AISI 316L	Corresponds to 1.4404 stainless steel . Suitable for many aggressive media, in particular at higher pressures. The FKM seal is FDA-compliant and can be used in the food and pharmaceutical industries.	
Other materials	see relevant products	
Approval	NSF/ANSI 169	
TUBE		
Outside diameter [mm]	4, 6 and 8	10, 12
Permitted tolerance [mm]	±0.1	±0.15
Permitted grades	Polyamide (PA), polyurethane (PU), fluorine polymer (FEP and 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 up to G 3/8	
External thread	“R” conical thread: Whitworth pipe thread DIN 2999-1 and ISO 7/1 R 1/8 up to R 1/2. Designed for pairing with internal thread according to DIN ISO 228-1.	
Internal thread	“G” cylindrical thread: Whitworth pipe thread DIN ISO 228-1 G 1/8 up to G 1/2	

OPERATING PRESSURE / TEMPERATURE

Metal version	PN 20 T_{min} 0 °C T_{max} +140 °C	Means that the allowable operating pressure OP corresponds to the given nominal pressure PN in the specified temperature range "T". Can be loaded up to 200 °C for a short time (see information on data sheet)
Allowable operating pressure and operating temperature of pipe/tube must be observed!		

THREAD SEAL

Cylindrical threaded nipple	Thread seal FKM O-ring	applies to all cylindrical threaded nipples
Conical threaded nipple	Seal with Teflon tape winding (FDA-compliant) on request	

"ROTATABLE" VERSION

90° elbow- and T- adaptor, male	not suitable for rotating or oscill. movements	Some types of fittings rotate 360° in order to facilitate alignment during assembly.
--	--	--

SPECIAL VERSIONS (NOT INCLUDED IN THE CATALOG)

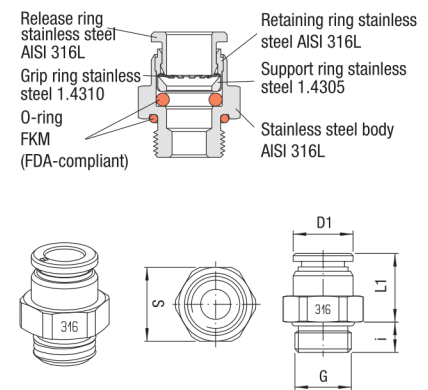
We also manufacture ELSA push-in fittings in various customer-specific versions.

- other O-ring materials such as EPDM, FDA-compliant
- for pipe/tube with inch dimensions
- threaded connection, metric
- Versions according to ASTM G93 and EN ISO 15001 for oxygen use
- PVDF/PPSU release ring

Straight Adaptor - Male

Price group	13	PN 20	T _{min} 0 °C T _{max} +140 °C	Thread cylindrical	Thread sealed by a FKM O-Ring in recess			Stainless steel AISI 316L		
for tube D	G	i	L1	D1	D2	S	Weight in [g]	Type	Order number	Price
4	M 5	3.5	16.8	8	9.4	8	4.4	951X44-4FF-M5	385021	o. r.
4	G 1/8	5	14	9.8	-	13	9.9	951X44-4FF-1/8	385022	o. r.
4	G 1/4	7	11.8	9.8	-	17	17.7	951X44-4FF-1/4	385023	o. r.
6	M 5	3.5	17.7	10	11.4	10	6.1	951X44-6FF-M5	385024	o. r.
6	G 1/8	5	15.2	11.8	-	13	15	951X44-6FF-1/8	385025	o. r.
6	G 1/4	7	14.7	11.8	-	17	18.6	951X44-6FF-1/4	385026	o. r.
6	G 3/8	8	12	11.8	-	19	25.6	951X44-6FF-3/8	385019	o. r.
8	G 1/8	5	20.2	13.8	-	14	14.6	951X44-8FF-1/8	385027	o. r.
8	G 1/4	7	15.9	13.8	-	17	11.9	951X44-8FF-1/4	385028	o. r.
8	G 3/8	8	15.9	13.8	-	19	26.8	951X44-8FF-3/8	385029	o. r.
10	G 1/4	7	22.3	16.4	-	17	24.9	951X44-10FF-1/4	385030	o. r.
10	G 3/8	8	17.6	16.4	-	19	25.4	951X44-10FF-3/8	385031	o. r.
10	G 1/2	9	15.6	16.4	-	24	43.6	951X44-10FF-1/2	385032	o. r.
12	G 1/4	7	25	19.8	-	22	39.3	951X44-12FF-1/4	385033	o. r.
12	G 3/8	8	19.5	19.8	-	22	32.2	951X44-12FF-3/8	385034	o. r.
12	G 1/2	9	18.5	19.8	-	24	45.21	951X44-12FF-1/2	385035	o. r.

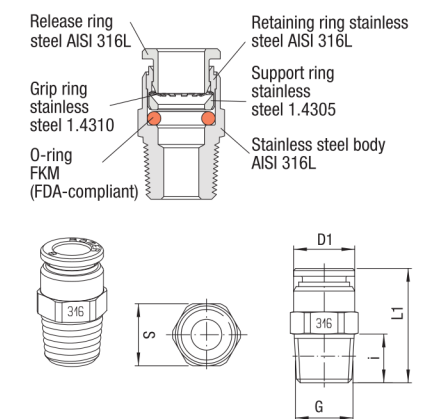
Illustration



Straight Adaptor - Male

Price group	13	PN 20	T _{min} 0 °C T _{max} +140 °C	Thread conical						Stainless steel AISI 316L
for tube D	G	i	L1	D1	S	Weight in [g]	Type	Order number	Price	
4	R 1/8	7.5	20.5	9.8	10	8.3	951X44-4FF-1/8K	385040	o. r.	
4	R 1/4	11	22.8	9.8	14	17.9	951X44-4FF-1/4K	385041	o. r.	
6	R 1/8	7.5	21.7	11.8	12	9.9	951X44-6FF-1/8K	385042	o. r.	
6	R 1/4	11	24.7	11.8	14	18.1	951X44-6FF-1/4K	385043	o. r.	
8	R 1/8	7.5	27.2	13.8	14	15.3	951X44-8FF-1/8K	385044	o. r.	
8	R 1/4	11	26.7	13.8	14	16.2	951X44-8FF-1/4K	385045	o. r.	
8	R 3/8	11.5	24.7	13.8	17	26.5	951X44-8FF-3/8K	385046	o. r.	
10	R 1/4	11	32.6	16.4	17	27.3	951X44-10FF-1/4K	385047	o. r.	
10	R 3/8	11.5	28.1	16.4	17	27.7	951X44-10FF-3/8K	385048	o. r.	
10	R 1/2	14	26.6	16.4	22	47.5	951X44-10FF-1/2K	385049	o. r.	
12	R 1/4	11	34.8	19.8	22	41.2	951X44-12FF-1/4K	385050	o. r.	
12	R 3/8	11.5	30	19.8	22	35.9	951X44-12FF-3/8K	385051	o. r.	
12	R 1/2	14	31.5	19.8	22	50.9	951X44-12FF-1/2K	385052	o. r.	

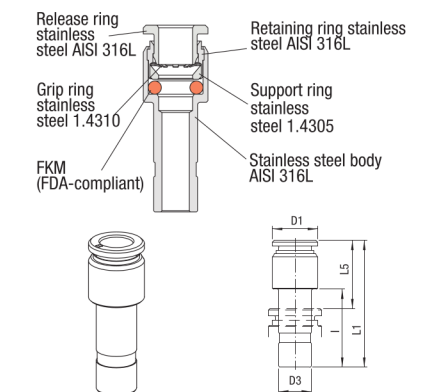
Illustration



Straight Stem Reducer

Price group	13	PN 20	T _{min} 0 °C T _{max} +140 °C				Stainless steel AISI 316L		
for tube D	D3	I	L1	L5	D1	Weight in [g]	Type	Order number	Price
4	6	18	31.3	15.7	9.8	7.26	947X44-4FF-D6	385390	o. r.
6	8	20	34.2	16.6	11.8	10.8	947X44-6FF-D8	385391	o. r.
8	10	24	39.1	19	13.8	15.4	947X44-8FF-D10	385392	o. r.
10	12	26	42.6	20.6	16.4	21.9	947X44-10FF-D12	385393	o. r.
4	8	20	34	16.5	9.8	11.5	947X44-4FF-D8	385396	o. r.
6	10	24	39	18.9	11.8	17.7	947X44-6FF-D10	385397	o. r.
8	12	26	42	13.9	13.8	23.8	947X44-8FF-D12	385398	o. r.

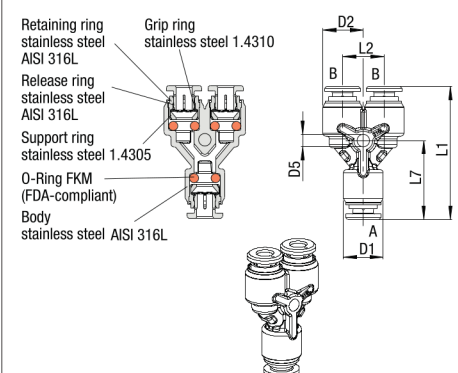
Illustration



Y-Connector

Price group	13	PN 20	T _{min} 0 °C T _{max} +140 °C								Stainless steel AISI 316L	
for tube D	D3	L1	L2	L7	D1	D2	D5	Weight in [g]	Type	Order number	Price	
4	4	35.2	11	20.9	10.5	10.5	3.3	19.5	982X44M-4FF	385230	o. r.	
6	6	39.1	13	24.1	12.5	12.5	3.3	28.5	982X44M-6FF	385232	o. r.	
8	8	45.5	15.5	28.8	14.5	14.5	4.3	41	982X44M-8FF	385234	o. r.	
10	10	51.8	18	33.7	17	17	4.3	61.9	982X44M-10FF	385236	o. r.	
12	12	57.2	21.5	37.4	20.5	20.5	4.3	97.2	982X44M-12FF	385238	o. r.	

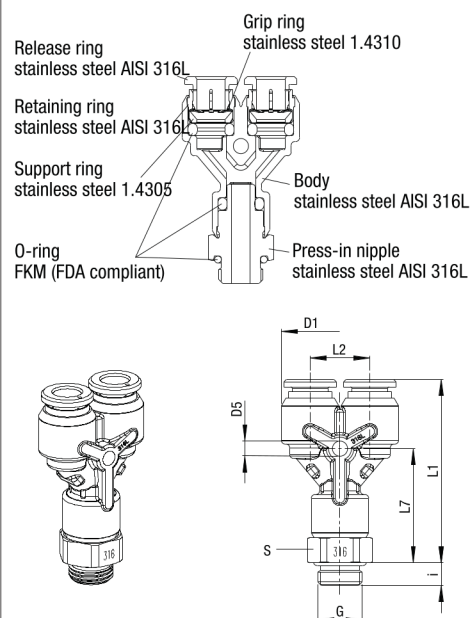
Illustration



Y-Adaptor - Male - Positionable

Preis Gruppe	13	PN 16	T _{min} 0 °C T _{max} +140 °C	Thread cylindrical	Thread sealed by a FKM O-Ring in recess			not suitable for rotating or oscill. movement			Edelstahl AISI 316L
für Schlauch D	G	D1	D5	L1	L2	L7	S	i	Gewicht in [g]	Typ	Bestellnummer
4	G 1/8	10.5	3.3	35.7	11	21.4	13	5	27.6	992X44M-4FF-1/8	385420
4	G 1/4	10.5	3.3	37	11	22	17	7	37.9	992X44M-4FF-1/4	385421
6	G 1/8	12.5	3.3	39.9	13	24.9	13	5	36.5	992X44M-6FF-1/8	385422
6	G 1/4	12.5	3.3	39.6	13	24.6	17	7	45.5	992X44M-6FF-1/4	385423
6	G 3/8	12.5	3.3	39.6	13	24.6	19	8	54.6	992X44M-6FF-3/8	385424
8	G 1/8	14.5	4.3	44.1	15.5	27.4	15	5	49.6	992X44M-8FF-1/8	385425
8	G 1/4	14.5	4.3	45.6	15.5	28.9	17	7	56.9	992X44M-8FF-1/4	385426
8	G 3/8	14.5	4.3	45.6	15.5	28.9	19	8	65.8	992X44M-8FF-3/8	385427
10	G 1/4	17	4.3	51.2	18	33.1	17	7	74.3	992X44M-10FF-1/4	385428
10	G 3/8	17	4.3	52	18	33.9	19	8	84.2	992X44M-10FF-3/8	385429
10	G 1/2	17	4.3	52.9	18	34.8	24	9	105.6	992X44M-10FF-1/2	385430
12	G 1/2	20.5	4.3	56.7	21.5	36.9	22	7	124.9	992X44M-12FF-1/4	385431
12	G 3/8	20.5	4.3	56.7	21.5	36.9	22	8	128.1	992X44M-12FF-3/8	385432
12	G 1/2	20.5	4.3	58.2	21.5	38.4	24	9	143	992X44M-12FF-1/2	385433

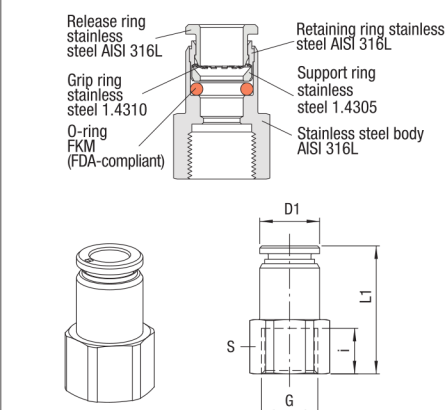
Illustration



Straight Adaptor - Female

Price group	13	PN 20	T _{min} T _{max}	0 °C +140 °C	Thread cylindrical	                                                                                                                       			
-------------	----	-------	--------------------------------------	-----------------	-----------------------	---	--	--	--

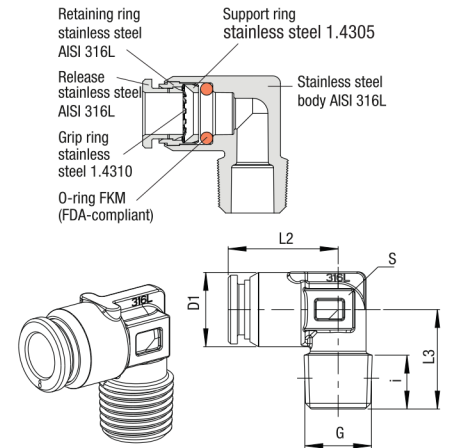
Illustration



90° Elbow Adaptor - Male

Price group	13	PN 20	T _{min} 0 °C T _{max} +140 °C	Thread conical					Stainless steel AISI 316L	
for tube D	G	i	L2	L3	D1	S	Weight in [g]	Type	Order number	Price
4	R 1/8	7.5	16.8	14.4	10.5	8	10.3	950X44M-4FF-1/8K	385081	o. r.
4	R 1/4	10.5	16.8	17.4	10.5	8	14.8	950X44M-4FF-1/4K	385082	o. r.
6	R 1/8	7.5	18.4	15.4	12.5	8	13.5	950X44M-6FF-1/8K	385083	o. r.
6	R 1/4	10.5	18.5	18.4	12.5	9	18.3	950X44M-6FF-1/4K	385084	o. r.
8	R 1/8	7.5	20.2	16.4	14.5	12	20.6	950X44M-8FF-1/8K	385085	o. r.
8	R 1/4	10.5	21.5	19.4	14.5	12	24.7	950X44M-8FF-1/4K	385086	o. r.
8	R 3/8	11	21.4	19.9	14.5	12	29.4	950X44M-8FF-3/8K	385087	o. r.
10	R 1/4	10.5	24	20.7	17	14	34.2	950X44M-10FF-1/4K	385088	o. r.
10	R 3/8	11	24.9	21.2	17	14	38.1	950X44M-10FF-3/8K	385089	o. r.
10	R 1/2	14	24.9	24.2	17	14	48.6	950X44M-10FF-1/2K	385090	o. r.
12	R 1/4	10.5	26.8	22.4	20.5	17	50	950X44M-12FF-1/4K	385091	o. r.
12	R 3/8	11	27.8	22.9	20.5	17	52	950X44M-12FF-3/8K	385092	o. r.
12	R 1/2	14	27.8	25.9	20.5	17	61.7	950X44M-12FF-1/2K	385093	o. r.

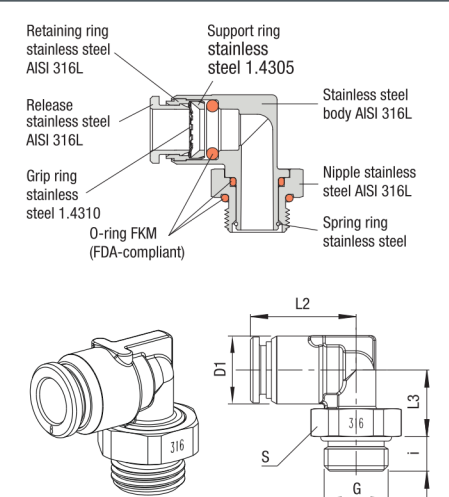
Illustration



90° Elbow Adaptor - Male - Positionable

Price group	13	PN 16	T _{min} 0 °C T _{max} +140 °C	Thread cylindrical	Thread sealed by a FKM O-Ring in recess	not suitable for rotating or oscill. movement			Stainless steel AISI 316L	
for tube D	G	i	L2	L3	D1	S	Weight in [g]	Type	Order number	Price
4	M 5	3.5	16.6	11.1	10.5	8	10.7	930X44M-4FF-M5	385101	o. r.
4	G 1/8	5	16.8	11.5	10.5	13	15.2	930X44M-4FF-1/8	385102	o. r.
4	G 1/4	7	16.8	11.6	10.5	17	21.3	930X44M-4FF-1/4	385103	o. r.
6	M 5	3.5	17.6	12.1	12.5	8	13.4	930X44M-6FF-M5	385104	o. r.
6	G 1/8	5	18.3	12.4	12.5	13	16.1	930X44M-6FF-1/8	385105	a. A.
6	G 1/4	7	18.5	12.7	12.5	17	25	930X44M-6FF-1/4	385106	o. r.
6	G 3/8	8	18.5	13.1	12.5	19	30.2	930X44M-6FF-3/8	385098	o. r.
8	G 1/8	5	20.2	13.4	14.5	13	19.9	930X44M-8FF-1/8	385107	o. r.
8	G 1/4	7	21.5	13.6	14.5	17	27.8	930X44M-8FF-1/4	385108	o. r.
8	G 3/8	8	21.4	13.9	14.5	19	34.5	930X44M-8FF-3/8	385109	o. r.
10	G 1/4	7	24	14.9	17	17	35.4	930X44M-10FF-1/4	385110	o. r.
10	G 3/8	8	24.9	15.3	17	19	41.8	930X44M-10FF-3/8	385111	o. r.
10	G 1/2	9	24.9	16.3	17	24	62	930X44M-10FF-1/2	385112	o. r.
12	G 1/4	7	25.8	16.6	20.5	17	48.1	930X44M-12FF-1/4	385113	o. r.
12	G 3/8	8	26.8	17	20.5	19	54.7	930X44M-12FF-3/8	385114	o. r.
12	G 1/2	9	26.8	18	20.5	24	74.9	930X44M-12FF-1/2	385115	o. r.

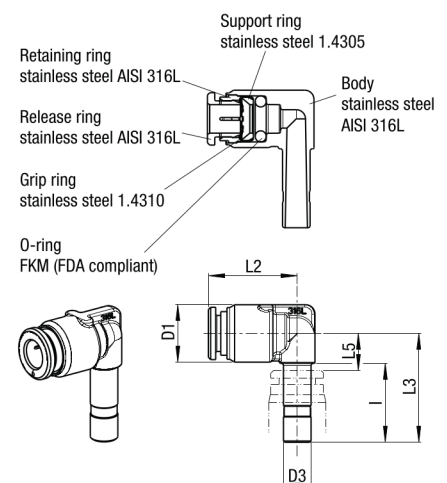
Illustration



Elbow Straight Stem

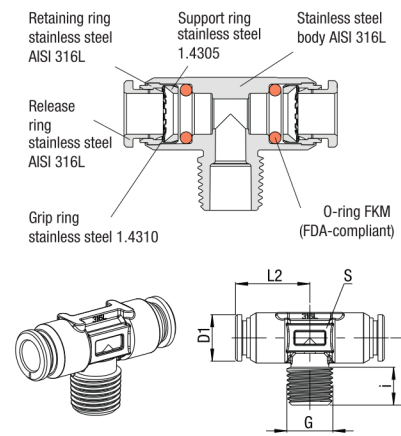
Price group	13	PN 20	T _{min} 0 °C T _{max} +140 °C								 	Edelstahl AISI 316L
for tube D	i	D1	D3	L2	L3	L5	Weight in [g]	Type	Order number	Price		
4	16.3	10.5	4	17.3	21.8	7	8.0	911X44M-4FF-D4	385250	o. r.		
6	17.2	12.5	6	19.4	23.7	8	12.2	911X44M-6FF-D6	385253	o. r.		
8	19.1	14.5	8	22.3	26.6	9	19.4	911X44M-8FF-D8	385255	o. r.		
10	21.6	17	10	25.8	30.35	10	29.3	911X44M-10FF-D10	385257	o. r.		
12	23.5	20.5	12	28.8	34	12	44.3	911X44M-12FF-D12	385259	o. r.		

Illustration

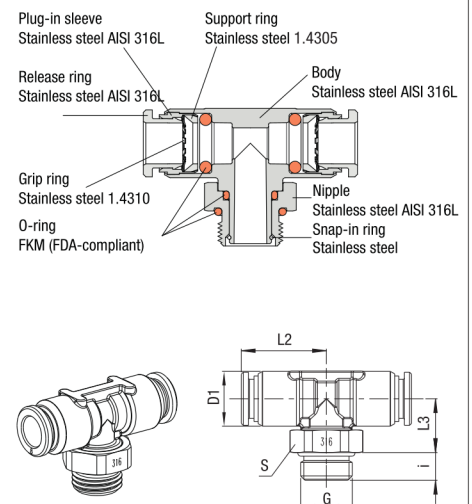


T-Adaptor - Male

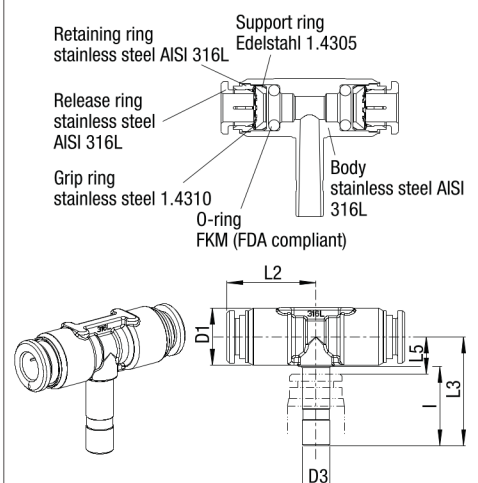
Price group	13	PN	20	T _{min}	0 °C	T _{max}	+140 °C	Thread	conical			Stainless steel	AISI 316L
for tube D	G	i	L2	L3	D1	S	Weight in [g]	Type	Order number	Price			
4	R 1/8	7.5	16.8	14.4	10.5	8	15.2	941X44M-4FF-1/8K	385305	o. r.			
4	R 1/4	10.5	16.8	17.4	10.5	8	20	941X44M-4FF-1/4K	385306	o. r.			
6	R 1/8	7.5	18.4	15.4	12.5	8	20.4	941X44M-6FF-1/8K	385307	o. r.			
6	R 1/4	10.5	18.5	18.4	12.5	9	25.4	941X44M-6FF-1/4K	385308	o. r.			
8	R 1/8	7.5	20.2	16.4	14.5	12	29.2	941X44M-8FF-1/8K	385309	o. r.			
8	R 1/4	10.5	21.5	19.4	14.5	12	34.3	941X44M-8FF-1/4K	385310	o. r.			
8	R 3/8	11	21.4	19.9	14.5	12	38.8	941X44M-8FF-3/8K	385311	o. r.			
10	R 1/4	10.5	24	20.7	17	14	47.9	941X44M-10FF-1/4K	385312	o. r.			
10	R 3/8	11	24.9	21.2	17	14	52.4	941X44M-10FF-3/8K	385313	o. r.			
10	R 1/2	14	24.9	24.2	17	14	62.6	941X44M-10FF-1/2K	385314	o. r.			
12	R 1/4	10.5	26.8	22.4	20.5	17	71.6	941X44M-12FF-1/4K	385315	o. r.			
12	R 3/8	11	27.8	22.9	20.5	17	74.6	941X44M-12FF-3/8K	385316	o. r.			
12	R 1/2	14	27.8	25.9	20.5	17	84.5	941X44M-12FF-1/2K	385317	o. r.			

Illustration

T-Adaptor - Male - Positionable

Price group	13	PN 16	T _{min} T _{max}	0 °C +140 °C	Thread cylindrical	Thread sealed by a FKM O-Ring in recess		not suitable for rotating or oscill. movement				Stainless steel AISI 316L
for tube D	G	i	L2	L3	D1	S	Weight in [g]	Type	Order number	Price		
4	M 5	3.5	16.6	11.1	10.5	8	15.7	921X44M-4FF-M5	385121	o. r.		
4	G 1/8	5	17.3	11.5	10.5	13	19.8	921X44M-4FF-1/8	385122	o. r.		
4	G 1/4	7	17.3	11.6	10.5	17	26.3	921X44M-4FF-1/4	385123	o. r.		
6	M 5	3.5	17.6	12.1	12.5	8	19.9	921X44M-6FF-M5	385124	o. r.		
6	G 1/8	5	18.3	12.4	12.5	13	24.2	921X44M-6FF-1/8	385125	o. r.		
6	G 1/4	7	19.5	12.7	12.5	17	31.8	921X44M-6FF-1/4	385126	o. r.		
6	G 3/8	8	22.2	13.1	12.5	19	42.5	921X44M-6FF-3/8	385127	o. r.		
8	G 1/8	5	20.2	13.4	14.5	13	30.7	921X44M-8FF-1/8	385128	o. r.		
8	G 1/4	7	21.5	13.6	14.5	17	38.1	921X44M-8FF-1/4	385129	o. r.		
8	G 3/8	8	22.4	13.9	14.5	19	45.6	921X44M-8FF-3/8	385130	o. r.		
10	G 1/4	7	24	14.9	17	17	50.7	921X44M-10FF-1/4	385131	o. r.		
10	G 3/8	8	24.9	15.3	17	19	56.8	921X44M-10FF-3/8	385132	o. r.		
10	G 1/2	9	24.9	16.3	17	24	76.9	921X44M-10FF-1/2	385133	o. r.		
12	G 1/4	7	25.8	16.6	20.5	17	70.7	921X44M-12FF-1/4	385134	o. r.		
12	G 3/8	8	26.8	17	20.5	19	77.5	921X44M-12FF-3/8	385135	o. r.		
12	G 1/2	9	26.8	18	20.5	24	97.7	921X44M-12FF-1/2	385136	o. r.		

Illustration

T-Straight-Stem

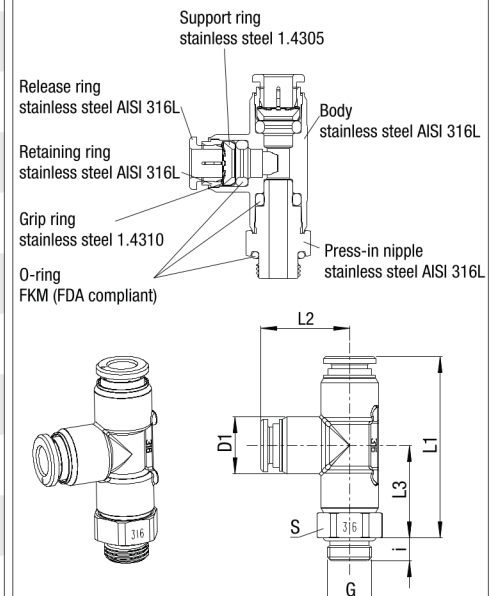
Price group	13	PN 16	T _{min} 0 °C T _{max} +140 °C	Thread cylindrical	Thread sealed by a FKM O-Ring in recess		not suitable for rotating or oscill. movement				Stainless steel AISI 316L	
for tube D	i	L2	L3	L5	D1	D3	Weight in [g]	Type	Order number	Price		
4	16.3	17.3	21.8	7	10.5	4	13.7	912X44M-4FF-D4	385265	o. r.		
6	17.2	19	23.7	8	12.5	6	19.8	912X44M-6FF-D6	385268	o. r.		
8	19.1	22.3	26.6	9	14.5	8	29.9	912X44M-8FF-D8	385270	o. r.		
10	21.6	25.8	30.4	10	17	10	44.8	912X44M-10FF-D10	385272	o. r.		
12	23.5	28.8	34	12	20.5	12	69.4	912X44M-12FF-D12	385274	o. r.		

Illustration


Side T-Adaptor - Male - Positionable

Price group	13	PN 20	T _{min} 0 °C T _{max} +140 °C									Stainless steel AISI 316L
for tube D	G	L1	L2	L3	D1	S	i	Weight in [g]	Type	Order number	Price	
4	G1/8	35	17	18	10,5	13	5	25,2	922X44M-4FF-1/8	385280	a. A.	
4	G1/4	36	17	19	10,5	17	7	35,5	922X44M-4FF-1/4	385281	a. A.	
6	G1/8	40	19	20	12,5	13	5	32,4	922X44M-6FF-1/8	385282	a. A.	
6	G1/4	39	19	20	12,5	17	7	41,2	922X44M-6FF-1/4	385283	a. A.	
6	G3/8	39	19	20	12,5	19	8	-	922X44M-6FF-3/8	385284	a. A.	
8	G1/8	43,1	22	21	14,5	15	6	42,6	922X44M-8FF-1/8	385285	a. A.	
8	G1/4	45	22	22	14,5	17	7	49,9	922X44M-8FF-1/4	385286	a. A.	
8	G3/8	45	22	22	14,5	19	8	58,8	922X44M-8FF-3/8	385287	a. A.	
10	G1/4	51	26	25	17	17	7	64,4	922X44M-10FF-1/4	385288	a. A.	
10	G3/8	52	26	26	17	19	8	73,7	922X44M-10FF-3/8	385289	a. A.	
10	G1/2	53	26	27	17	24	9	91,8	922X44M-10FF-1/2	385290	a. A.	
12	G1/4	57	29	28	20,5	22	8	101,2	922X44M-12FF-1/4	385291	a. A.	
12	G3/8	57	29	28	20,5	22	9	104,4	922X44M-12FF-3/8	385292	a. A.	
12	G1/2	59	29	30	20,5	24	9	119,3	922X44M-12FF-1/2	385293	a. A.	

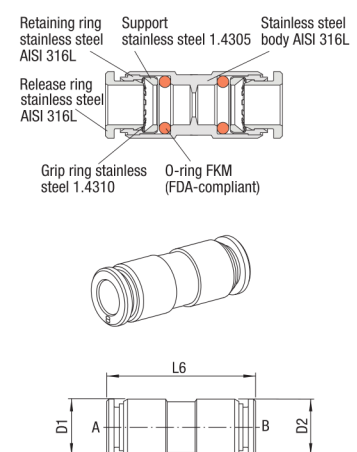
Illustration



Straight Connector

Price group		13	PN 20	T _{min} 0 °C T _{max} +140 °C	 Stainless steel AISI 316L			
for tube AD	for tube BD	L6	D1	D2	Weight in [g]	Type	Order number	Price
4	4	31	9.8	9.8	10.2	958X44-4FF	385161	o. r.
4	6	33	9.8	11.8	11.2	958X44-6-4FF	385162	o. r.
6	6	33	11.8	11.8	10.4	958X44-6FF	385163	o. r.
6	8	35	11.8	13.8	18.7	958X44-8-6FF	385164	o. r.
8	8	36.7	13.8	13.8	17.7	958X44-8FF	385165	o. r.
8	10	40	13.8	16.4	24.5	958X44-10-8FF	385166	o. r.
10	10	41.7	16.4	16.4	27.3	958X44-10FF	385167	o. r.
10	12	46	16.4	19.8	39.8	958X44-12-10FF	385168	o. r.
12	12	45.6	19.8	19.8	49	958X44-12FF	385169	o. r.

Illustration



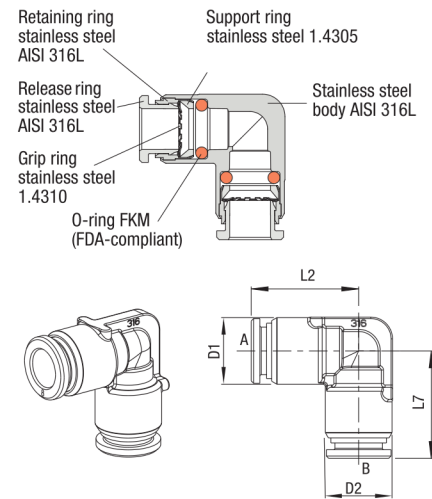
90° Elbow Connector

Price group **13** PN 20 T_{min} 0 °C T_{max} +140 °C

Stainless steel
AISI 316L

for tube AD	for tube BD	L2	L7	D1	D2	Weight in [g]	Type	Order number	Price
4	4	17.5	17.5	10.5	10.5	12.2	955X44M-4FF	385141	o. r.
6	6	19.4	19.4	12.5	12.5	17.6	955X44M-6FF	385142	o. r.
8	8	22.3	22.3	14.5	14.5	24.7	955X44M-8FF	385143	o. r.
10	10	25.8	25.8	17	17	37.2	955X44M-10FF	385144	o. r.
12	12	28.8	28.8	20.5	20.5	57.4	955X44M-12FF	385145	o. r.

Illustration



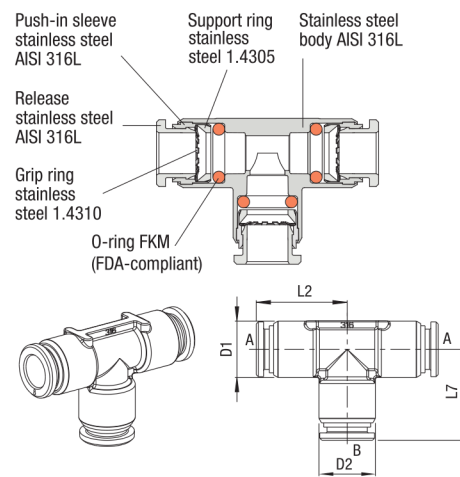
T-Connector

Price group **13** PN 20 T_{min} 0 °C T_{max} +140 °C

Stainless steel
AISI 316L

for tube AD	for tube BD	L2	L7	D1	D2	Weight in [g]	Type	Order number	Price
4	4	17.5	17.5	10.5	10.5	17.1	954X44M-4FF	385151	o. r.
6	6	19.4	19.4	12.5	12.5	24.3	954X44M-6FF	385152	o. r.
8	8	22.3	22.3	14.5	14.5	34.1	954X44M-8FF	385153	o. r.
10	10	25.8	25.8	17	17	51.4	954X44M-10FF	385154	o. r.
12	12	28.8	28.8	20.5	20.5	79.6	954X44M-12FF	385155	o. r.

Illustration



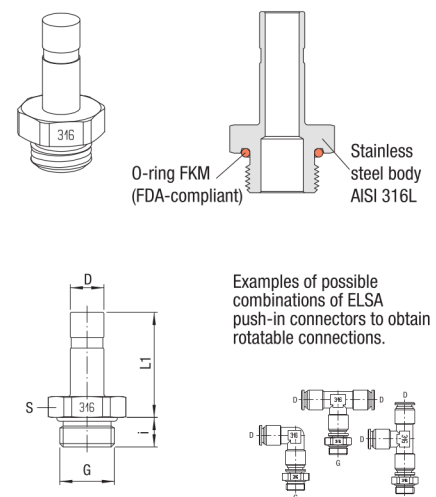
Straight Stem Adaptor

Price group **13** PN 20 T_{min} -20 °C T_{max} +140 °C Thread cylindrical Thread sealed by a FKM O-Ring in recess

Stainless steel
AISI 316L

connection D	G	i	L1	S	Weight in [g]	Type	Order number	Price
4	M 5	3.5	21.5	8	2.99	908X4-4FF-M5	383805	o. r.
4	G 1/8	5	21.5	13	6.5	908X4-4FF-1/8	383806	o. r.
4	G 1/4	7	22	17	12.9	908X4-4FF-1/4	383807	o. r.
6	M 5	3.5	21.5	8	3.8	908X4-6FF-M5	383811	o. r.
6	G 1/8	5	22.5	13	8.5	908X4-6FF-1/8	383812	o. r.
6	G 1/4	7	23	17	16.6	908X4-6FF-1/4	383813	o. r.
6	G 3/8	8	25	19	23	908X4-6FF-3/8	383814	o. r.
8	G 1/8	5	24.5	13	8	908X4-8FF-1/8	383816	o. r.
8	G 1/4	7	25	17	15.8	908X4-8FF-1/4	383817	o. r.
8	G 3/8	8	25	19	25.4	908X4-8FF-3/8	383818	o. r.
10	G 1/4	7	29	17	15.9	908X4-10FF-1/4	383821	o. r.
10	G 3/8	8	29	19	23.4	908X4-10FF-3/8	383822	o. r.
10	G 1/2	9	29.5	24	33.5	908X4-10FF-1/2	383823	o. r.
12	G 1/4	7	31	17	24.3	908X4-12FF-1/4	383824	o. r.
12	G 3/8	8	31	19	26.3	908X4-12FF-3/8	383825	o. r.
12	G 1/2	9	31.5	24	38.1	908X4-12FF-1/2	383826	o. r.

Illustration



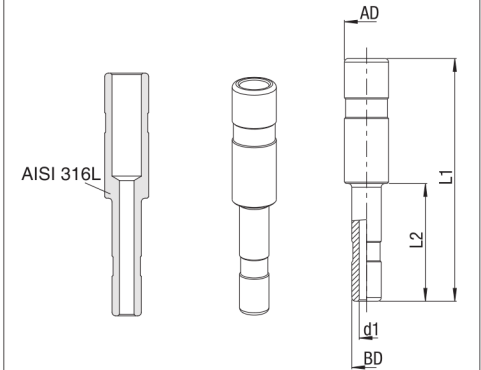
Straight Double Stem Connector

Price group	13	PN	20	T _{min}	-40 °C	T _{max}	+200 °C
-------------	-----------	----	----	------------------	--------	------------------	---------


Stainless steel
AISI 316L

Connection AD	Connection BD	d1	L1	L2	Weight in [g]	Type	Order number	Price
6	4	2	33	16	3.3	904X4-D6-D4	283852	o. r.
6	6	4	34.5	-	4.2	904X4-D6	283853	o. r.
8	6	4	37.5	18	6.5	904X4-D8-D6	283858	o. r.
8	8	6	37.5	-	6.2	904X4-D8	283854	o. r.
10	8	6	45.5	18	10.9	904X4-D10-D8	283859	o. r.
10	10	8	45.5	-	9.7	904X4-D10	283857	o. r.
12	10	8	50	24	14	904X4-D12-D10	283860	o. r.
12	12	10	50	-	14.2	904X4-D12	283861	o. r.

Illustration



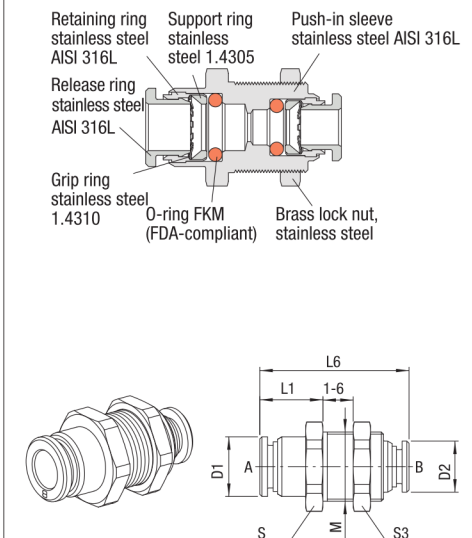
Straight Bulkhead Connector

Price group	13	PN	20	T _{min}	0 °C	T _{max}	+140 °C
-------------	-----------	----	----	------------------	------	------------------	---------


Stainless steel
AISI 316L

for tube AD	for tube BD	M	L1	L6	D1	D2	S	S3	Weight in [g]	Type	Order number	Price
4	4	M12x1	12.3	31.1	9.8	9.8	14	17	20.4	959X44-4FF	385410	o. r.
6	6	M14x1	13.7	32.7	11.8	11.8	17	17	26.2	959X44-6FF	385411	o. r.
8	8	M16x1	16.5	36.7	13.8	13.8	19	19	35.1	959X44-8FF	385412	o. r.
10	10	M20x1	20.8	41.9	16.4	16.4	22	24	55.9	959X44-10FF	385413	o. r.
12	12	M22x1,5	22.3	45.6	19.8	19.8	24	27	87.6	959X44-12FF	385414	o. r.

Illustration



Straight Bulkhead Adaptor - Female

Price group	13	PN	20	T _{min}	0 °C	T _{max}	+140 °C	Thread	cylindrical
-------------	-----------	----	----	------------------	------	------------------	---------	--------	-------------


Stainless steel
AISI 316L

for tube D	G	M	L1	i	L6	d1	D1	S4	S3	Weight in [g]	Type	Order number	Price
4	G 1/8	M12x1	6,5	7	25,3	3	9,8	14	17	19,4	945X44-4FF-1/8	385351	o. r.
4	G 1/4	M14x1	12,5	9	31,3	3	9,8	17	17	33,1	945X44-4FF-1/4	385352	o. r.
6	G 1/8	M14x1	6,5	7	25,5	5	11,8	17	17	25,5	945X44-6FF-1/8	385353	o. r.
6	G 1/4	M14x1	12	9	31	5	11,8	17	17	30,8	945X44-6FF-1/4	385354	o. r.
6	G 3/8	M14x1	13	10	32	5	11,8	19	17	31,5	945X44-6FF-3/8	385355	o. r.
8	G 1/8	M16x1	7	7	27,2	7	13,8	19	19	34,9	945X44-8FF-1/8	385356	o. r.
8	G 1/4	M16x1	9,5	9	29,7	7	13,8	19	19	36,1	945X44-8FF-1/4	385357	o. r.
8	G 3/8	M16x1	12	10	32,2	7	13,8	19	19	34,1	945X44-8FF-3/8	385358	o. r.
10	G 1/4	M20x1	12	9	33,1	9	16,4	22	24	64,4	945X44-10FF-1/4	385359	o. r.
10	G 3/8	M20x1	13	10	34,1	9	16,4	22	24	60	945X44-10FF-3/8	385360	o. r.
10	G 1/2	M20x1	16,5	13	37,6	9	16,4	24	24	64,9	945X44-10FF-1/2	385361	o. r.
12	G 1/4	M22x1,5	13	9	35,8	10	19,8	24	27	88,3	945X44-12FF-1/4	385362	o. r.
12	G 3/8	M22x1,5	13,2	10	36	10	19,8	24	27	82	945X44-12FF-3/8	385363	o. r.
12	G 1/2	M22x1,5	16,7	13	39,5	10	19,8	24	27	78,7	945X44-12FF-1/2	385364	o. r.

Illustration

