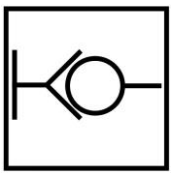
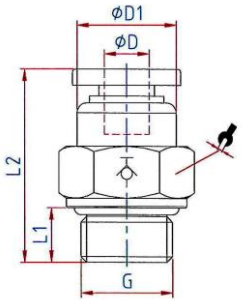
Functional principle of a coupling: The compressed air supply is completely shut off as soon as the hose is detached from the connector.
Flow is only guaranteed when the hose is firmly inserted.
Attention: Only release the hose without pressure and hold the end of the hose to the plug connection when loosening to prevent injuries from the "whip effect"!

Applications	Air, vacuum
Material	Plastic and nickel-plated brass
Max. working pressure	10 bar
Temperature range	0 °C to 60 °C
Medium	Compressed air
Recommended hose	PU or PA (nylon)





195.186-2

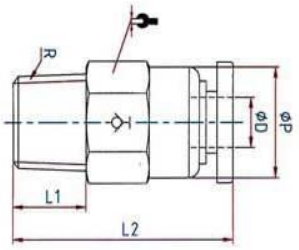
Straight stop valve, parallel male thread with O-ring (NBR)

Art. No.	Type No.	Thread	For tube O.D. mm	L1 mm	L2 mm	a/f mm	Ø D1 mm	Sleeve	Standard thread
151439	195.184-2	G 1/8	4	5.5	24.5	12	10.0	Plastic blue	DIN EN ISO 228-1
151440	195.186-2	G 1/8	6	5.5	27.5	14	12.0	Plastic blue	DIN EN ISO 228-1
151441	195.188-2	G 1/8	8	5.5	31.5	14	14.0	Plastic blue	DIN EN ISO 228-1
151442	195.146-2	G 1/4	6	6.5	27.5	14	12.0	Plastic blue	DIN EN ISO 228-1
151443	195.148-2	G 1/4	8	6.5	33.5	14	14.0	Plastic blue	DIN EN ISO 228-1
151444	195.1410-2	G 1/4	10	6.5	35.0	17	17.0	Plastic blue	DIN EN ISO 228-1
151445	195.388-2	G 3/8	8	7.0	33.5	17	14.0	Plastic blue	DIN EN ISO 228-1
151446	195.3810-2	G 3/8	10	7.0	35.0	20	17.0	Plastic blue	DIN EN ISO 228-1
151447	195.3812-2	G 3/8	12	7.0	36.5	21	20.5	Plastic blue	DIN EN ISO 228-1
151448	195.1210-2	G 1/2	10	10.0	35.0	19	17.0	Plastic blue	DIN EN ISO 228-1
151449	195.1212-2	G 1/2	12	10.0	36.5	21	20.5	Plastic blue	DIN EN ISO 228-1

Stop valves

»blue series«

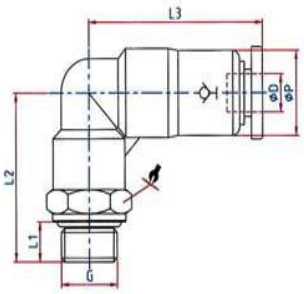
Art. No. 151439 to 151489



196.186-2

Straight stop valve, conical male thread, coated

Art. No.	Type No.	Thread	For tube O.D. mm	L1 mm	L2 mm	a/f mm	Ø p mm	Sleeve	Standard thread
151450	196.184-2	R 1/8	4	7.5	24.5	10	10.0	Plastic blue	ISO 7-1
151451	196.186-2	R 1/8	6	7.5	27.5	12	12.0	Plastic blue	ISO 7-1
151452	196.188-2	R 1/8	8	7.5	31.5	14	14.0	Plastic blue	ISO 7-1
151453	196.146-2	R 1/4	6	10.0	27.5	14	12.0	Plastic blue	ISO 7-1
151454	196.148-2	R 1/4	8	10.0	33.5	14	14.0	Plastic blue	ISO 7-1
151455	196.1410-2	R 1/4	10	10.0	35.0	17	17.0	Plastic blue	ISO 7-1
151456	196.388-2	R 3/8	8	10.5	33.5	17	14.0	Plastic blue	ISO 7-1
151457	196.3810-2	R 3/8	10	10.5	35.0	17	17.0	Plastic blue	ISO 7-1
151458	196.3812-2	R 3/8	12	10.5	36.5	21	20.5	Plastic blue	ISO 7-1
151459	196.1210-2	R 1/2	10	13.5	35.0	21	17.0	Plastic blue	ISO 7-1
151460	196.1212-2	R 1/2	12	13.5	36.5	21	20.5	Plastic blue	ISO 7-1



197.186-2

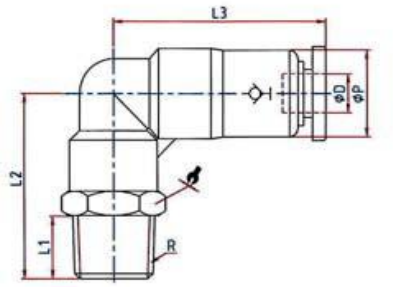
Angle stop valve, swivel type, parallel male thread with O-ring (NBR)

Art. No.	Type No.	Thread	For tube O.D. mm	L1 mm	L2 mm	L3 mm	a/f mm	Ø P mm	Sleeve	Standard thread
151461	197.54-2	M5	4	3.5	18.5	31.0	12	10.5	Plastic blue	DIN 13-1
151462	197.56-2	M5	6	3.5	19.5	32.5	12	13.0	Plastic blue	DIN 13-1
151463	197.184-2	G 1/8	4	5.5	21.0	31.0	14	10.5	Plastic blue	DIN EN ISO 228-1
151464	197.186-2	G 1/8	6	5.5	22.0	32.5	14	13.0	Plastic blue	DIN EN ISO 228-1
151465	197.188-2	G 1/8	8	5.5	24.5	39.5	14	14.0	Plastic blue	DIN EN ISO 228-1
151466	197.146-2	G 1/4	6	6.5	23.0	32.5	17	13.0	Plastic blue	DIN EN ISO 228-1
151467	197.148-2	G 1/4	8	6.5	25.5	39.5	17	14.0	Plastic blue	DIN EN ISO 228-1
151468	197.1410-2	G 1/4	10	6.5	27.5	45.0	17	18.0	Plastic blue	DIN EN ISO 228-1
151469	197.388-2	G 3/8	8	7.5	27.5	39.5	20	14.0	Plastic blue	DIN EN ISO 228-1
151470	197.3810-2	G 3/8	10	7.5	29.5	45.0	20	18.0	Plastic blue	DIN EN ISO 228-1
151471	197.3812-2	G 3/8	12	7.5	30.0	47.0	20	20.5	Plastic blue	DIN EN ISO 228-1
151472	197.1210-2	G 1/2	10	10.0	32.0	45.0	24	18.0	Plastic blue	DIN EN ISO 228-1
151473	197.1212-2	G 1/2	12	10.0	32.5	47.0	24	20.5	Plastic blue	DIN EN ISO 228-1

Stop valves

»blue series«

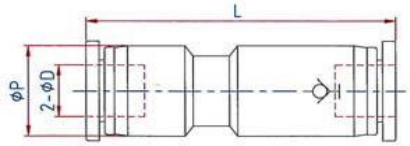
Art. No. 151439 to 151489



198.186-2

Angle stop valve, swivel type, conical male thread, coated

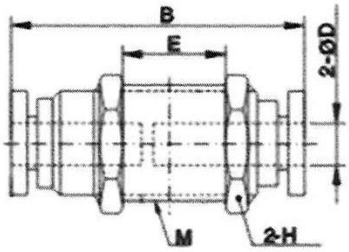
Art. No.	Type No.	Thread	For tube O.D. mm	L1 mm	L2 mm	L3 mm	a/f mm	Ø P mm	Sleeve	Standard thread
151474	198.184-2	R 1/8	4	7.5	21.0	31.0	12	10.0	Plastic blue	ISO 7-1
151475	198.186-2	R 1/8	6	7.5	22.0	32.5	12	12.0	Plastic blue	ISO 7-1
151476	198.188-2	R 1/8	8	7.5	25.0	39.5	14	14.0	Plastic blue	ISO 7-1
151477	198.146-2	R 1/4	6	10.0	25.0	32.5	14	12.0	Plastic blue	ISO 7-1
151478	198.148-2	R 1/4	8	10.0	27.5	39.5	14	14.0	Plastic blue	ISO 7-1
151479	198.1410-2	R 1/4	10	10.0	30.0	45.0	17	17.0	Plastic blue	ISO 7-1
151480	198.388-2	R 3/8	8	10.5	28.5	39.5	17	14.5	Plastic blue	ISO 7-1
151481	198.3810-2	R 3/8	10	10.5	30.5	45.0	17	17.0	Plastic blue	ISO 7-1
151482	198.3812-2	R 3/8	12	10.5	31.0	47.0	17	18.8	Plastic blue	ISO 7-1
151483	198.1210-2	R 1/2	10	13.5	34.0	45.0	21	17.0	Plastic blue	ISO 7-1
151484	198.1212-2	R 1/2	12	13.5	34.5	47.0	21	18.8	Plastic blue	ISO 7-1

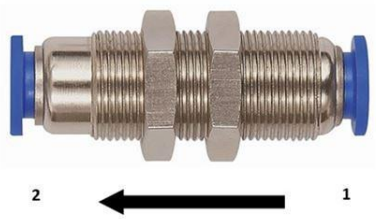


199.06-2

Stop union

Art. No.	Type No.	For tube O.D. mm	L2 mm	Ø P mm	Sleeve
151485	199.04-2	4	46.0	10.5	Plastic blue
151486	199.06-2	6	48.0	13.0	Plastic blue
151487	199.08-2	8	56.0	14.0	Plastic blue
151488	199.10-2	10	61.0	18.0	Plastic blue
151489	199.12-2	12	66.0	20.5	Plastic blue





230.016-8

Female bulkhead stop union

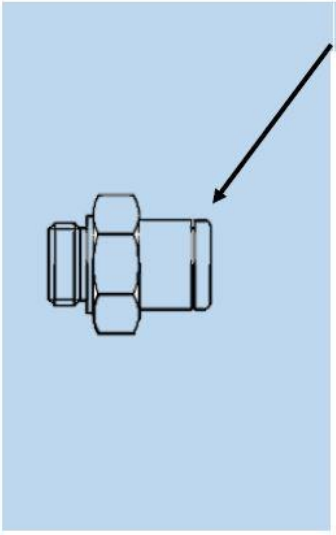
Art. No.	Type No.	ØD mm	Thread	E mm	B mm	H mm
110211	230.012-4	4	M12x1.0	24.4	43.4	14
110212	230.014-6	6	M14x1.5	21.0	44.5	17
110213	230.016-8	8	M16x1.5	24.3	50.3	19
110214	230.020-10	10	M20x1.5	29.6	58.5	24
110215	230.024-12	12	M22x1.0	38.6	68.7	27

Pay attention to the correct installation! Flow direction from 1 (external thread on the body) to 2 (no external thread on the body) results in the desired stop function when removing the hose from 2! Flow in the opposite direction is possible, but without a stop function.

Assembling instructions for push-in fittings

- Cut the hose ends plain. To ensure an ideal sealing effect and secure stop of the fitting make sure the hose end is not oval.
- Clean the hose ends and make sure that it is free of burrs.
- Push the hose ends into the fitting till it stops.
- Test stability by pulling the hose shortly.
- Push the release ring to release the hose.
- Pull out the hose with slight rotation.
- For a new assembling cut the hose plain again. Then pushing and releasing the tube should not be affected adversely.

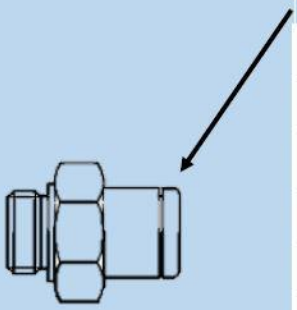
We recommend for improved strength of push-in fittings with **PA** hoses, the following push-in fitting - hose combination:



For tube O.D.	Recommended hose Ø	Recommended hose
3	3x1.5 *	259.08 X
4	4x2 *	259.09 X
5	5x3	259.10 X
6	6x4 *	259.11 X
8	8x6 *	259.12 X
10	10x7 *	259.61 X
12	12x9 *	259.14 X
14	14x11	259.62 X
16	16x12	259.25 X

* Recommended and based on ISO 14743

We recommend for improved strength of push-in fittings with **PU** hoses, the following push-in fitting - hose combination:



For tube O.D.	Recommended hose Ø	Recommended hose
3	3x1.5 *	259.50 X
4	4x2 *	259.04 X
5	5x3	259.15 X
6	6x4 *	259.16 X
8	8x5 *	259.63 X
10	10x7 *	259.64 X
12	12x8 *	259.65 X
14	14x10	259.51 X
16	16x12	259.52 X

* Recommended and based on ISO 14743