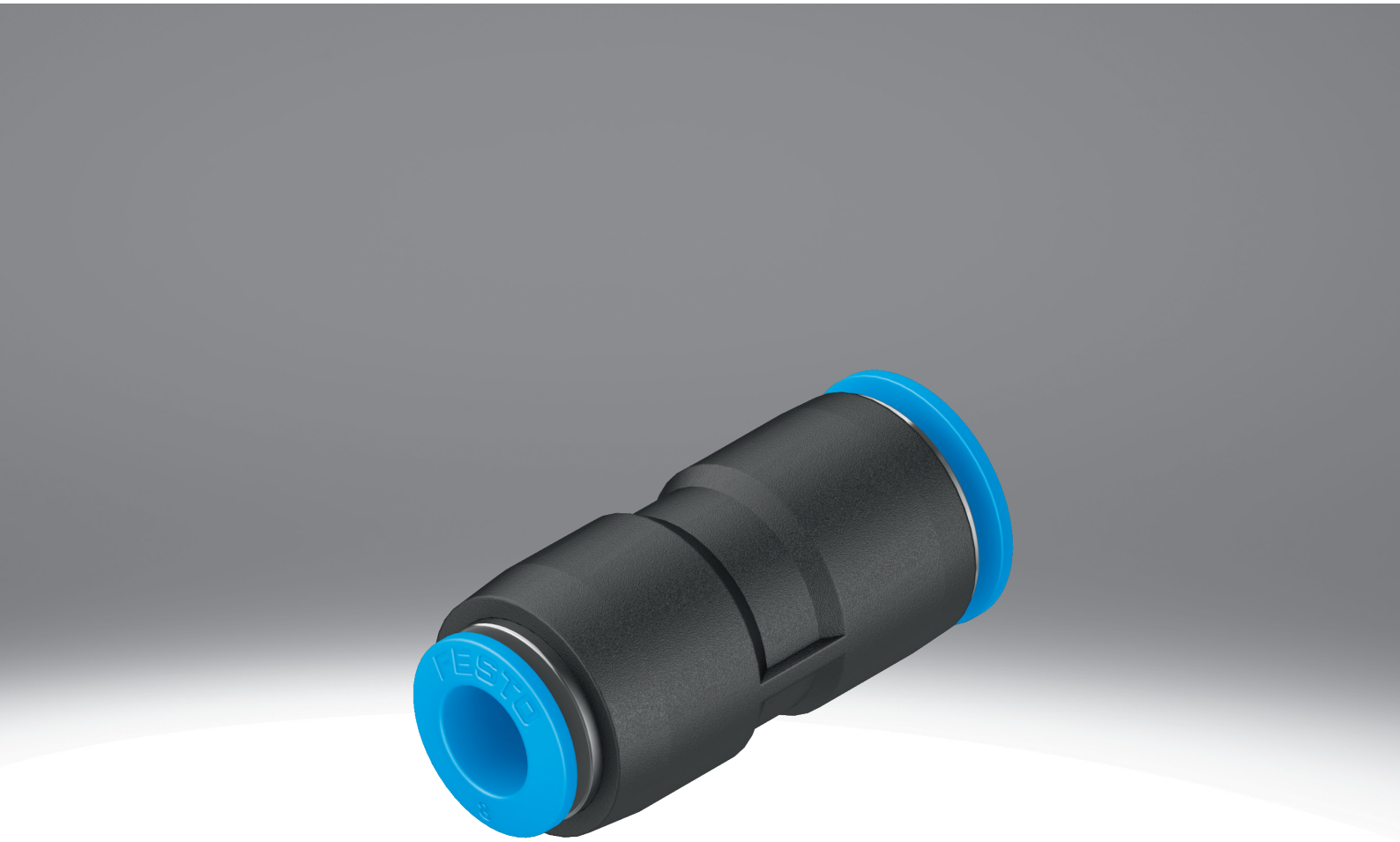
Push-in fitting QS

FESTO



Characteristics

At a glance

Standard series
- Wide range of variants: large selection for maximum flexibility in standard applications
- PBT and nickel-plated brass
- Operating media: compressed air, vacuum, water

Note: All R-threads are coated with a sealing material. This coating replaces the conventional sealing ring. Simply screw in the R-thread by hand and tighten it by 1 to 2 turns with an open-ended spanner. The fitting can be screwed in up to five times. When screwing in the R-threads several times, make sure that the abrasion of the sealing material coating cannot get into the compressed air system.

Additional documents

Link qs

The additional document PUSH-IN-FITTINGS-ADD contains further information on tubing/fitting combinations and thread types, as well as installation instructions.

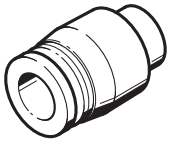
Diagrams

Link qs

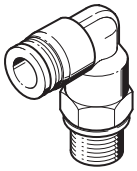
The diagrams shown in this document are also available online. There, it is possible to display precise values.

Design

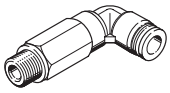
[C] Blanking plug



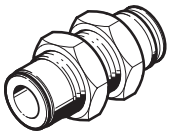
[L] L-shape



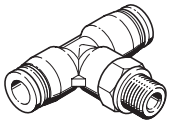
[LL] L-shape, long version



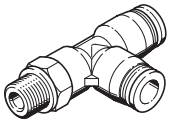
[S] Push-in bulkhead connector



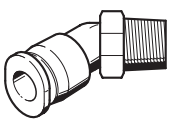
[T] T-shape



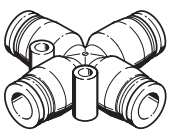
[TL] T-shape, additional push-in connector, lengthwise



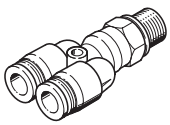
[W] 45° elbow



[X] X-shape

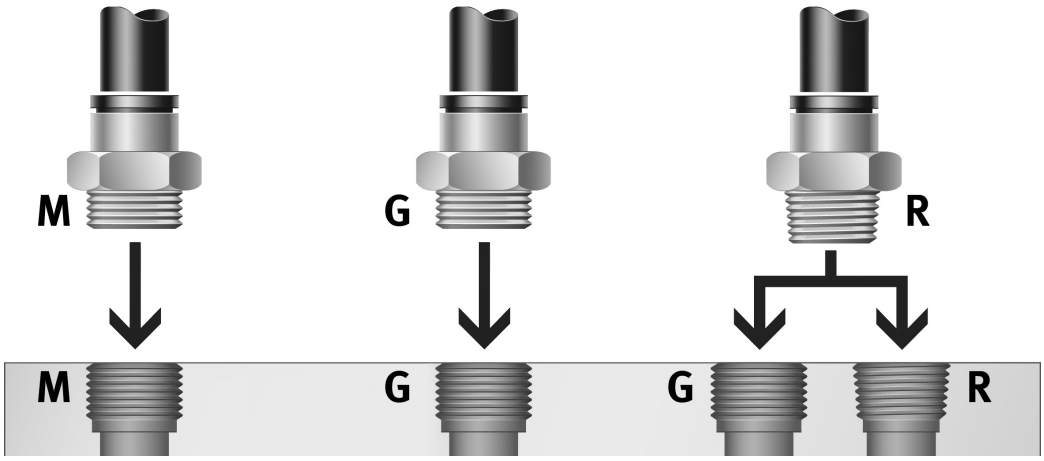


[Y] Y-shape



Characteristics

Pneumatic connection 1



Push-in fittings for different tube outside diameters can be combined with push-in fittings, push-in sleeves, metric male threads, R and G male threads.

Which fitting fits into which thread?

- Metric thread: Threads are comparable to G-threads and are mounted in metric cylindrical threads. Tightness is ensured by a chambered O-ring.
- G-thread according to ISO 228-1: shorter thread, constant installation depth, replaceable sealing ring, sealing on the face side, reusable several times due to replaceable sealing ring.
- R-thread to EN 10226-1 and ISO 7/1: self-locking thread, sealing on the thread, no additional sealing surface required, smaller installation dimensions as no shoulder for sealing surface, reusable up to 5 times. In the combination of male R-thread and female G-thread, leakage can occur if the female G-thread is not manufactured properly or is within an unfavorable limit tolerance. Additional sealing, e.g. with sealing tape, is then required.

Releasing ring

Hose assembly:

The prerequisite for ensuring that the inner seal is securely held and protected against damage is that the tube is cut into straight lengths and deburred.

- Insert the tubing until it reaches the end stop of the fitting. Make sure the tubing is inserted into the inner seal. Depending on the tolerance of the tubing and the seal, contact between the tubing and the seal may be mistakenly interpreted as a stop.
- Check that the barbed tubing connector is secure by pulling gently on the hose.

Hose disassembly:

- The hose is released by simply pressing down and holding the release ring. Carefully pull the hose out of the fitting.
- Before re-using the tubing, remove the damaged part by cutting it off.

Type code

001	Series	
QS	Push-in fitting, standard series	
QSC	Push-in fitting, standard series	
QSF	Push-in fitting, standard series	
QSH	Push-in fitting, standard series	
QSL	Push-in fitting, L-shape QSL	
QSLF	Push-in fitting, L-shape QSLF	
QSLL	Push-in fitting, L-shape QSLL	
QSLV	Push-in fitting, L-shape, alignable QSLV	
QSM	Push-in fitting, mini series	
QSMC	Push-in fitting, mini series	
QSMF	Push-in fitting, mini series	
QSML	Push-in fitting, Mini, L-shape QSML	
QSMLL	Push-in fitting, Mini, L-shape QSMLL	
QSMLLV	Push-in fitting, Mini, L-shape QSMLLV	
QSMLV	Push-in fitting, Mini, L-shape QSMLV	
QSMP	Push-in fitting, Mini QSMP	
QSMS	Push-in fitting, Mini QSMS	
QSMT	Push-in fitting, Mini QSMT	
QSMTL	Push-in fitting, Mini QSMTL	
QSMX	Push-in fitting, Mini QSMX	
QSMY	Push-in fitting, Mini QSMY	
QSYLV	Push-in fitting, L-shape, 2-fold, alignable QSYLV	
QSX	Push-in fitting, X-shape QSX	
QST	Push-in fitting, T-shape QST	
QSYL	Push-in fitting, L-shape, 2-fold QSYL	
QSS	Push-in bulkhead connector QSS	
QSTL	Push-in fitting T/L-shape, alignable QSTL	
QSY	Push-in fitting, Y-shape QSY	
QSTF	Push-in fitting, T-shape, alignable QSTF	
QSW	Push-in fitting, standard series	
QSSF	Push-in bulkhead connector with internal thread QSSF	

002	Design	
	Straight design	
C	Blanking plug	
L	L-shape	
LL	L-shape, long version	
S	Push-in bulkhead connector	
T	T-shape	
TL	T-shape, additional push-in connector, lengthwise	
W	45° elbow	
X	X-shape	
Y	Y-shape	

003	Pneumatic connection 1	
1/8	External thread R1/8	
1/4	External thread R1/4	
3/8	External thread R3/8	
1/2	External thread R1/2	
2	Push-in connector 2 mm	
2H	Push-in sleeve 2 mm	
3	Push-in connector 3 mm	
3H	Push-in sleeve 3 mm	
4	Push-in connector 4 mm	
4H	Push-in sleeve 4 mm	
6	Push-in connector 6 mm	
6H	Push-in sleeve 6 mm	
8	Push-in connector 8 mm	
8H	Push-in sleeve 8 mm	
10	Push-in connector 10 mm	
10H	Push-in sleeve 10 mm	
12	Push-in connector 12 mm	
12H	Push-in sleeve 12 mm	
16	Push-in connector mm	
16H	Push-in sleeve 16 mm	
G1/8	External thread G1/8	
G1/4	External thread G1/4	
G3/8	External thread G3/8	
G1/2	external thread G1/2	
G3/4	External thread G 3/4	
M3	External thread M3	
M5	External thread M5	
M6	external thread M6	
M6x0,75	External thread M6x0.75	
M7	external thread M7	
M8x0,75	External thread M8x0.75	
M8x1,25	External thread M8x1.25	

004	Pneumatic connection 2	
	Same size push-in connector as pneumatic connection 1	
2	Push-in connector, 2 mm	
3	Push-in connector, 3 mm	
4	Push-in connector, 4 mm	
6	Push-in connector, 6 mm	
8	Push-in connector, 8 mm	
10	Push-in connector, 10 mm	
12	Push-in connector, 12 mm	
16	Push-in connector, 16 mm	
22	Push-in connector, 22 mm	

005	Mounting method	
	Standard	
I	Hex socket	
V	Hollow bolt with external hex	

006	Additional characteristic	
	Without	
F	With fixed collar	
R	Round releasing ring	
Y	Outlet, 2x, parallel	

Type code

007	Packaging unit [units]	
1	1	
10	10	

007	Packaging unit [units]	
20	20	
50	50	
100	100	

Datasheet

General technical data – metric and male G-threads

Pneumatic connection 1	External thread M5	External thread G1/8	External thread G1/4	External thread G3/8	External thread G1/2	External thread G3/4
Structural design	Push-pull principle					
Mounting position	Any					
Type of seal on screwed plug	Sealing ring					
Nominal tightening torque	1.2 Nm	5.4 Nm	9 Nm	15.5 Nm	26 Nm	20 Nm
Tolerance for nominal tightening torque	±20%					
Nominal width	1.8 ... 2.4 mm	2.6 ... 6 mm	3.1 ... 8.5 mm	4.2 ... 11 mm	6.4 ... 13 mm	20 mm
Tubing insertion depth [1]	14.9 ... 17 mm	14.9 ... 20.7 mm	17 ... 23.4 mm	18.1 ... 24.8 mm	23.3 ... 24.8 mm	27.54 mm
Product weight	8 ... 13 g	7.7 ... 31 g	13 ... 48 g	20 ... 97 g	33 ... 158 g	91.2 g

1) The specified hose insertion depths are guide values and may vary slightly depending on the type.

General technical data – male R-thread

Pneumatic connection 1	External thread R1/8	External thread R1/4	External thread R3/8	External thread R1/2
Structural design	Push-pull principle			
Mounting position	Any			
Type of seal on screwed plug	Coating			
Nominal width	2.4 ... 6 mm	2.8 ... 8.5 mm	4.2 ... 11 mm	6.3 ... 13 mm
Tubing insertion depth [1]	11.6 ... 20.7 mm	11.9 ... 23.4 mm	17 ... 24.8 mm	20.2 ... 24.8 mm

1) The specified tubing insertion depths are guidance values and can vary slightly depending on the type.

General technical data – female G-thread

Pneumatic connection 1	Internal thread G1/8	Internal thread G1/4	Internal thread G3/8	Internal thread G1/2
Structural design	Push-pull principle			
Mounting position	Any			
Type of seal on screwed plug	Coating			
Nominal width	2.8 ... 7 mm	3 ... 11 mm	5 ... 11 mm	11 ... 15 mm

General technical data – push-in sleeve

Pneumatic connection 1	Push-in sleeve Ø 4 mm	Push-in sleeve Ø 6 mm	Push-in sleeve Ø 8 mm	Push-in sleeve Ø 10 mm	Push-in sleeve Ø 12 mm	Push-in sleeve Ø 16 mm
Structural design	Push-pull principle					
Mounting position	Any					
Nominal width	2.5 mm	2.3 ... 4 mm	2.3 ... 6 mm	3.8 ... 7.5 mm	3.7 ... 9 mm	7.8 ... 11 mm

General technical data – for tubing outer Ø

Pneumatic connection 1	for pneumatic tubing outside diameter 4 mm	For pneumatic tubing outside diameter 6 mm	for pneumatic tubing outside diameter 8 mm	for pneumatic tubing outside diameter 10 mm	for pneumatic tubing outside diameter 12 mm	for pneumatic tubing outside diameter 16 mm
Structural design	Push-pull principle					
Mounting position	Any					
Type of seal on screwed plug	–					Coating
Nominal width	2.8 mm	2.8 ... 4.3 mm	2.8 ... 7 mm	4.3 ... 9 mm	6.2 ... 11 mm	13 mm

Tubing insertion depths

Pneumatic connection 2	for pneumatic tubing outside diameter 4 mm	for pneumatic tubing outside diameter 6 mm	for pneumatic tubing outside diameter 8 mm	for pneumatic tubing outside diameter 10 mm	for pneumatic tubing outside diameter 12 mm	for pneumatic tubing outside diameter 16 mm	for pneumatic tubing outside diameter 22 mm
Tubing insertion depth [1]	14.9 mm	17 mm	18.2 mm	20.7 mm	23.3 mm	24.8 mm	27.54 mm

1) The indicated tubing insertion depths are reference values and may vary slightly depending on the type.

Hose insertion depths QSC

Pneumatic connection 1	for pneumatic tubing outside diameter 4 mm	For pneumatic tubing outside diameter 6 mm	for pneumatic tubing outside diameter 8 mm	for pneumatic tubing outside diameter 10 mm	for pneumatic tubing outside diameter 12 mm
Tubing insertion depth [1]	14.9 mm	17 mm	18.1 mm	20.7 mm	22.9 mm

1) The indicated tubing insertion depths are reference values and may vary slightly depending on the type.

Datasheet

Operating and environmental conditions

Operating pressure for entire temperature range	-0.95 ... 6 bar
Temperature-dependent operating pressure	-0.95 ... 14 bar
Information on operating pressure	Water: max. 0.6 MPa at max. 50°C
Operating medium	Compressed air as per ISO 8573-1:2010 [7:-:-] Water (liquid, ice-free)
Information on operating and pilot media	Lubricated operation possible Water: G-thread only possible with sealing ring type OL as additional accessory
Ambient temperature	-10 ... 80°C
Corrosion resistance class (CRC) [1]	1 - Low corrosion stress
Maritime classification	See certificate

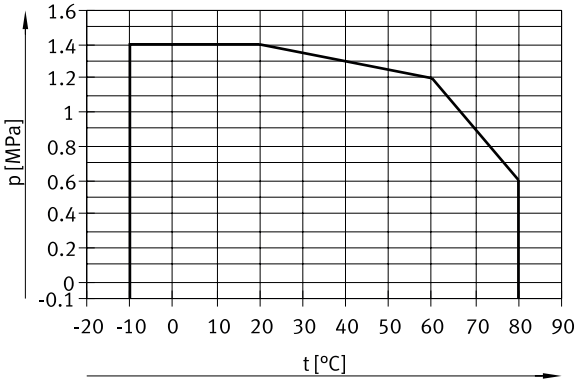
1) For more information, visit www.festo.com/x/topic/kbk

Operating and environmental conditions QS-G3/4-22

Operating pressure for entire temperature range	-0.95 ... 14 bar
Temperature-dependent operating pressure	-0.95 ... 14 bar
Operating medium	Compressed air as per ISO 8573-1:2010 [7:-:-] Water (liquid, ice-free)
Information on operating and pilot media	Lubricated operation possible Water: G-thread only possible with sealing ring type OL as additional accessory
Ambient temperature	-20 ... 80°C
Corrosion resistance class (CRC) [1]	1 - Low corrosion stress

1) For more information, visit www.festo.com/x/topic/kbk

Operating pressure p as a function of temperature t (except QS-G3/4-22)



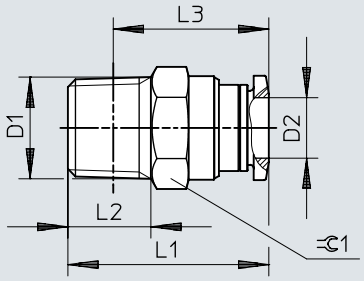
Materials

Housing material	Anodized aluminum, Brass, nickel-plated, PBT
Releasing ring material	POM
Releasing ring color	Blue
Material of tubing seal	NBR
Material of tube retaining claw	high-alloy stainless steel
Note on materials	RoHS compliant
Nut material	Brass, nickel-plated
Hollow bolt material	Brass, nickel-plated
Cleanroom suitability, measured according to ISO 14644-14 [1]	Class 4 according to ISO 14644-1 Statically installed element, no meaningful evaluation possible according to ISO 14644-1

1) For QSH push-in sleeves and QSC-...H blanking plugs, no meaningful evaluation possible according to ISO 14644-1 (statically installed elements)

Dimensions

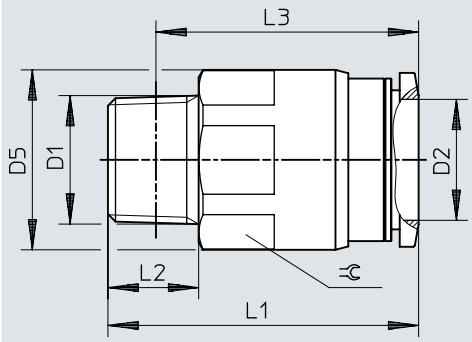
Dimensions – Push-in fitting QS, R-thread Download CAD data www.festo.com



	D1	D2	L1	L2	L3	⫧
QS-1/8-4	R1/8	4	21	8	17	10
QS-1/8-4-100						
QS-1/8-6		6	22,3	8	18,3	12
QS-1/8-6-100						
QS-1/8-8		8	27,9	8	23,9	14
QS-1/8-8-50						
QS-1/8-10		10	30,3	8	26,3	17
QS-1/4-4	R1/4	4	22,5	11	16,5	14
QS-1/4-6		6	23,7	11	17,6	14
QS-1/4-6-100						
QS-1/4-8		8	26,6	11	20,6	14
QS-1/4-8-50						
QS-1/4-10		10	29,8	11	23,8	17
QS-1/4-10-50						
QS-1/4-12		12	35,9	11	29,9	21
QS-1/4-12-20						
QS-3/8-6	R3/8	6	24,5	12	18,1	17
QS-3/8-8		8	25,5	12	19,2	17
QS-3/8-8-50						
QS-3/8-10		10	29,3	12	23	17
QS-3/8-10-50						
QS-3/8-12		12	31,9	12	25,6	21
QS-3/8-12-20						
QS-1/2-10	R1/2	10	30,4	15	22,2	21
QS-1/2-10-50						
QS-1/2-12		12	33,9	15	25,7	21
QS-1/2-12-20						
QS-1/2-16		16	41,3	15	33,1	24
QS-1/2-16-20						

Dimensions

Dimensions – Push-in fitting QS-3/8-16, R thread Download CAD data www.festo.com

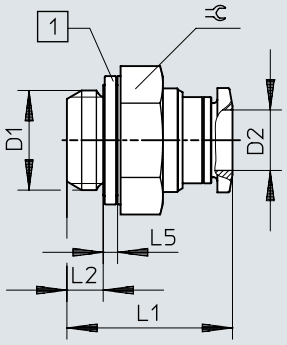


	D1	D2	D5 ø	L1	L2	L3	⫧
QS-3/8-16	R3/8	16	23,8	41,1	12	34,8	22

Dimensions

Dimensions – Push-in fitting QS, G-thread with sealing ring (G1/8, G1/4, G3/8, G1/2)

Download CAD data www.festo.com

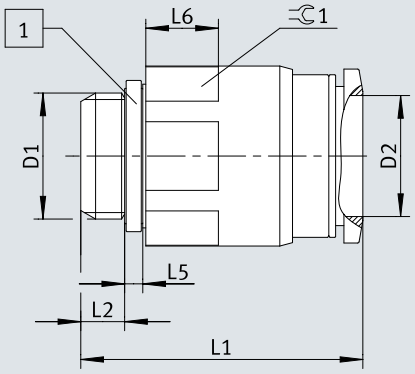


[1] Sealing ring

	D1	D2	L1	L2	L5	⫧
QS-G1/8-4	G1/8	4	19,5	4,2	1,9	13
QS-G1/8-4-100						
QS-G1/8-6		6	20,6	4,2	1,9	13
QS-G1/8-6-100						
QS-G1/8-8		8	25,8	4,2	1,9	14
QS-G1/8-8-50						
QS-G1/4-6	G1/4	6	21,2	4,8	1,9	17
QS-G1/4-6-100						
QS-G1/4-8		8	21,9	4,8	1,9	17
QS-G1/4-8-50						
QS-G1/4-10		10	28,9	4,8	1,9	17
QS-G1/4-10-50						
QS-G1/4-12		12	34,1	4,8	1,9	21
QS-G1/4-12-20						
QS-G3/8-8	G3/8	8	21,7	5,8	2,4	19
QS-G3/8-8-50						
QS-G3/8-10		10	25,4	5,8	2,4	19
QS-G3/8-10-50						
QS-G3/8-12		12	31,5	5,8	2,4	21
QS-G3/8-12-20						
QS-G1/2-12	G1/2	12	28	6,8	2,4	24
QS-G1/2-12-20						
QS-G1/2-16		16	35,3	6,8	2,4	24
QS-G1/2-16-20						

Dimensions

Dimensions – Push-in fitting QS-G3/8-16, G thread with sealing ring Download CAD data www.festo.com

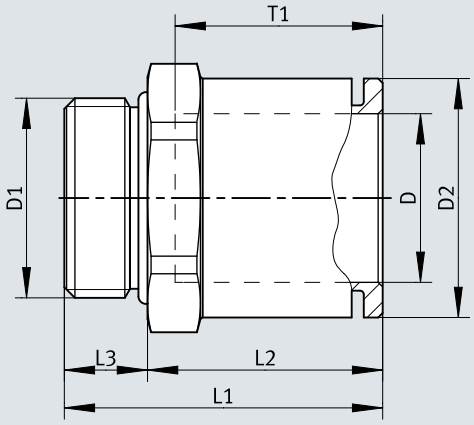


[1] Sealing ring

	D1	D2 Ø	L1	L2	L5	L6	⌯1
QS-G3/8-16	G3/8A	16	37,3	5,8	2,4	9,6	22

Dimensions

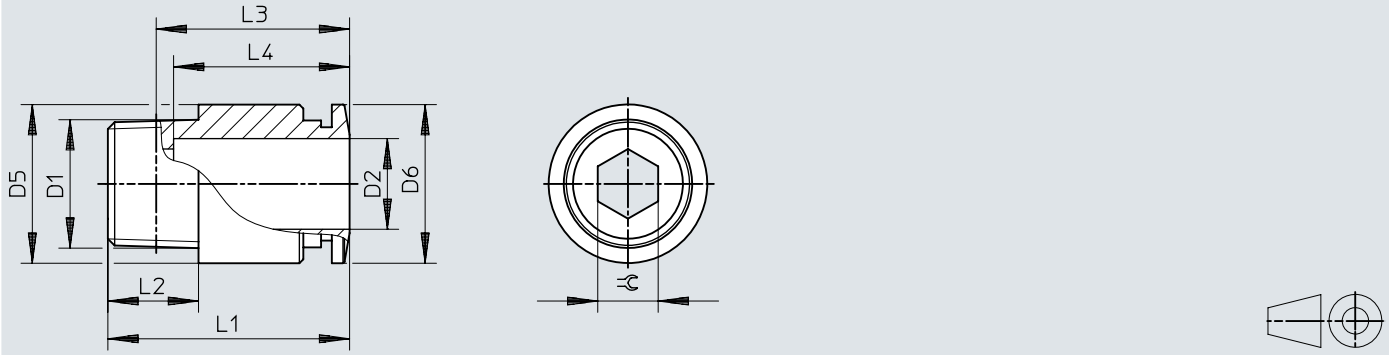
Dimensions – Push-in fitting QS, G-thread with sealing ring (G3/4) Download CAD data www.festo.com



	D1	D	D2 ø	L1	L2	L3	T1 ø	⬡ 1
QS-G3/4-22	G3/4	22	32	42,1	31,1	11	~27,5	32

Dimensions

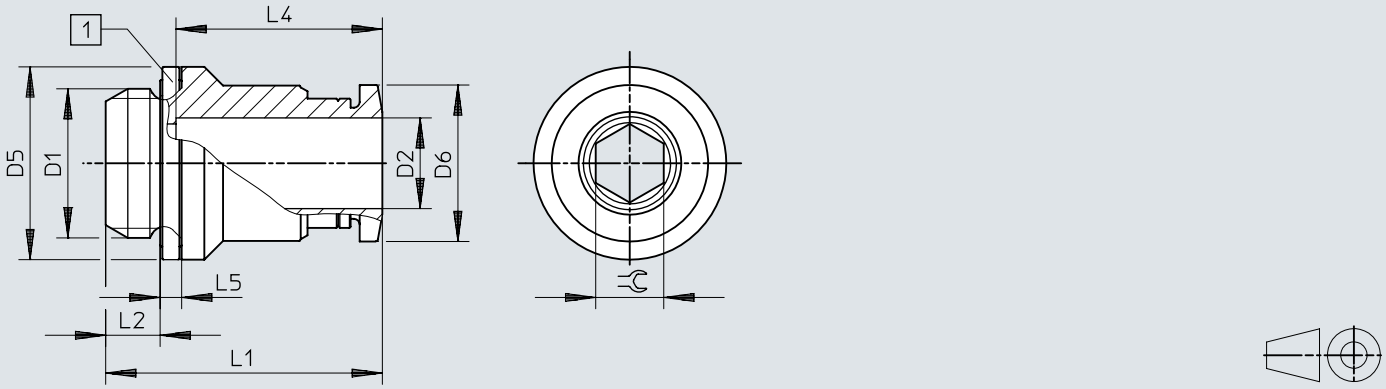
Dimensions – Push-in fitting QS-...-I, R-thread Download CAD data www.festo.com



	D1	D2	D5 ø	D6 ø	L1	L2	L3	L4	⫧
QS-1/8-4-I	R1/8	4	9,7	9,9	20	8	16	14,9	2,5
QS-1/8-4-I-100									
QS-1/8-6-I		6	11,8	11,8	22,1	8	18,1	17	4
QS-1/8-6-I-100									
QS-1/8-8-I		8	13,7	13,8	25,9	8	21,9	18,2	5
QS-1/8-8-I-50									
QS-1/8-10-I		10	17,5	16,8	30,3	8	26,3	20,7	5
QS-1/4-6-I	R1/4	6	13,7	11,8	21,3	11	15,2	17	4
QS-1/4-6-I-100									
QS-1/4-8-I		8	13,7	13,8	25,1	11	19,1	18,2	6
QS-1/4-8-I-50									
QS-1/4-10-I		10	17,5	16,8	29,8	11	23,8	20,7	6
QS-1/4-10-I-50									
QS-1/4-12-I		12	20,8	19,8	35,9	11	29,9	23,3	6
QS-3/8-8-I	R3/8	8	16,8	13,8	22,2	12	15,9	18,2	6
QS-3/8-10-I		10	17,5	16,8	29,3	12	23	20,7	6
QS-3/8-12-I		12	20,8	19,8	31,9	12	25,6	23,3	8
QS-1/2-10-I	R1/2	10	20,8	16,8	30,3	15	22,1	20,7	6
QS-1/2-12-I		12	20,8	19,8	33,9	15	25,7	23,3	8

Dimensions

Dimensions – Push-in fitting QSF, G-thread Download CAD data www.festo.com

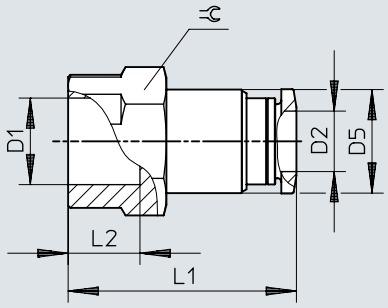


[1] Sealing ring

	D1	D2	D5 ø	D6 ø	L1	L2	L4	L5	⫧
QS-G1/8-4-I	G1/8	4	13	9,9	19,5	4,2	14,9	1,9	2,5
QS-G1/8-4-I-100									
QS-G1/8-6-I		6	13	11,8	21,6	4,2	17	1,9	4
QS-G1/8-6-I-100									
QS-G1/8-8-I		8	13,7	13,8	25,8	4,2	18,2	1,9	5
QS-G1/8-8-I-100									
QS-G1/8-10-I		10	17	16,8	28,3	4,2	20,7	1,9	5
QS-G1/8-10-I-100									
QS-G1/4-6-I	G1/4	6	17	11,8	20,2	4,8	17	1,9	4
QS-G1/4-8-I		8	17	13,8	24,4	4,8	18,2	1,9	6
QS-G1/4-10-I		10	17	16,8	28,9	4,8	20,7	1,9	7
QS-G3/8-8-I	G3/8	8	19	13,8	23,9	5,8	18,2	2,4	6
QS-G3/8-10-I		10	19	16,8	26,4	5,8	20,7	2,4	7
QS-G3/8-12-I		12	20,8	19,8	31,5	5,8	23,3	2,4	8
QS-G1/2-12-I	G1/2	12	24	19,8	28	6,8	23,3	2,4	8

Dimensions

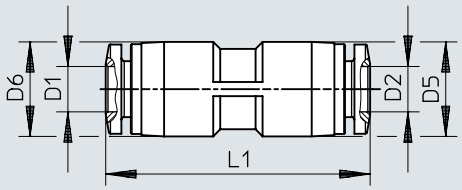
Dimensions – Push-in fitting QSF, G thread Download CAD data www.festo.com



	D1	D2	D5 ø	L1	L2	⫧
QSF-1/8-4-B	G1/8	4	9,7	23,9	7	14
QSF-1/8-4-B-100						
QSF-1/8-6-B		6	11,8	26	7	14
QSF-1/8-6-B-100						
QSF-1/8-8-B		8	13,7	27,2	7	14
QSF-1/8-8-B-50						
QSF-1/4-4-B	G1/4	4	9,7	26,9	9,5	17
QSF-1/4-6-B		6	11,8	29	9,5	17
QSF-1/4-6-B-100						
QSF-1/4-8-B		8	13,7	30,2	9,5	17
QSF-1/4-8-B-50						
QSF-1/4-10-B		10	17,5	32,7	9,5	17
QSF-1/4-10-B-50						
QSF-1/4-12-B		12	20,8	34,8	9,5	21
QSF-3/8-6-B	G3/8	6	11,8	30,5	11	21
QSF-3/8-8-B		8	13,7	31,7	11	21
QSF-3/8-8-B-50						
QSF-3/8-10-B		10	17,5	34,2	11	21
QSF-3/8-10-B-50						
QSF-3/8-12-B		12	20,8	36,8	11	21
QSF-3/8-12-B-20						
QSF-1/2-12-B	G1/2	12	20,8	40,1	14	24
QSF-1/2-16-B		16	25	41,6	14	25

Dimensions

Dimensions – Push-in connector QS Download CAD data www.festo.com

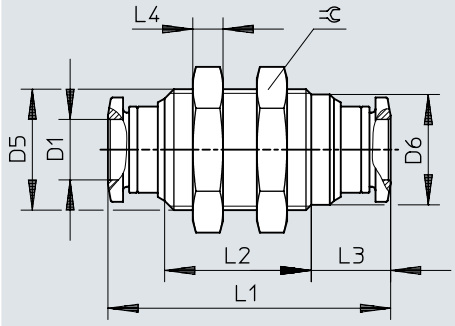


	D1	D2	D5 Ø	D6	L1
QS-4	4	4	10	–	30,8
QS-4-100					
QS-6	6	6	12,5	–	34,9
QS-6-100					
QS-8	8	8	14,5	–	37,8
QS-8-50					
QS-10	10	10	17,5	–	41,4
QS-10-50					
QS-12	12	12	21	–	47,8
QS-12-20					
QS-16	16	16	25	–	50
QS-16-20					
QS-6-4	6	4	12,5	12,5	34,4
QS-6-4-100					
QS-8-4	8	4	10,7	14,5	36,6
QS-8-6		6	14,5	14,5	37,9
QS-8-6-50					
QS-10-6	10	6	13	17,5	39,8
QS-10-8		8	17,5	17,5	41,1
QS-10-8-50					
QS-12-8	12	8	14,5	21	44
QS-12-10		10	21	21	47,6
QS-12-10-20					

Dimensions

Dimensions – Push-in bulkhead connector QSS

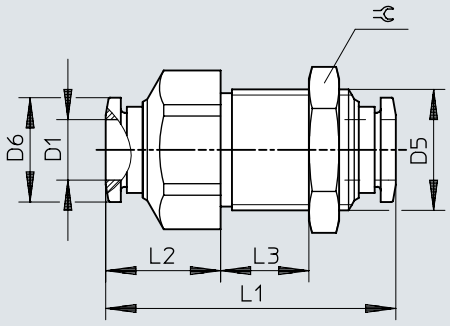
Download CAD data www.festo.com



	D1	D5	D6 ø	L1	L2	L3	L4	⫧
QSS-4	4	M12x1	10,8	30,8	14,8	9,5	4	14
QSS-4-100								
QSS-6	6	M14x1	12,5	34,9	19	9,5	4	17
QSS-6-100								
QSS-8	8	M16x1	14,6	37,4	19,4	10,5	4	19
QSS-8-50								
QSS-10	10	M20x1	18,5	42,4	21,6	11,9	5	24
QSS-10-50								
QSS-12	12	M22x1	20,4	47,6	24,2	13,2	6	27
QSS-12-20								

Dimensions

Dimensions – Push-in bulkhead connector QSS-...-F, with fixed collar Download CAD data www.festo.com

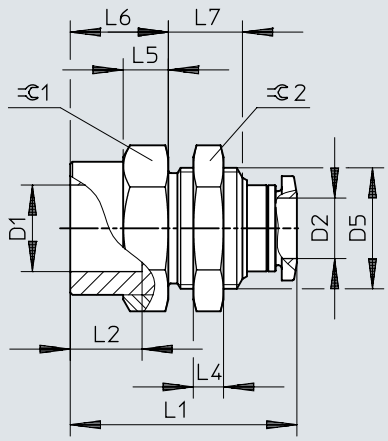


	D1	D5	D6 ø	L1	L2	L3	⫧
QSS-4-F	4	M12x1	9,9	33	13	max. 10	14
QSS-6-F	6	M14x1	11,8	34,9	14,4	max. 10	17
QSS-8-F	8	M16x1	13,8	38,4	15,2	max. 13	19
QSS-10-F	10	M20x1	16,8	47,1	20,3	max. 15	24
QSS-12-F	12	M22x1	19,8	48,5	18,9	max. 17,5	27

Dimensions

Dimensions – Bulkhead push-in fitting QSSF

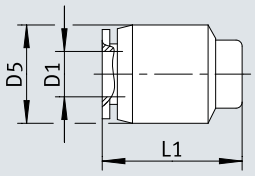
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	D1	D2	D5 ø	L1	L2	L4	L5	L6	L7	⌀C1	⌀C2
QSSF-1/8-4-B	G1/8	4	M12x1	24,2	7	4	5	9	9	14	14
QSSF-1/8-6-B		6	M14x1	26,4	7	4	6	10	10,2	17	17
QSSF-1/8-8-B		8	M16x1	27	7	4	6	10	9,8	19	19
QSSF-1/4-4-B	G1/4	4	M12x1	27,5	9,5	4	6	12,3	9	17	14
QSSF-1/4-6-B		6	M14x1	28,7	9,5	4	6	12,3	10,2	17	17
QSSF-1/4-8-B		8	M16x1	30	9,5	4	6	13	9,8	19	19
QSSF-1/4-10-B		10	M20x1	32,7	9,5	5	7	13	11,1	24	24
QSSF-3/8-6-B	G3/8	6	M14x1	30,9	11	4	6,5	14,5	10,2	21	17
QSSF-3/8-8-B		8	M16x1	31,5	11	4	6,5	14,5	9,8	21	19
QSSF-3/8-10-B		10	M20x1	34,2	11	5	7	14,5	11,1	24	24
QSSF-3/8-12-B		12	M22x1	36,8	11	6	7	14,5	12,4	24	27
QSSF-1/2-12-B	G1/2	12	M22x1	40,1	14	6	7	17,8	12,4	24	27
QSSF-1/2-16-B		16	M27x1,5	42,6	14	9	8,5	17,3	15,4	29	32

Dimensions

Dimensions – Push-in cap QSC Download CAD data www.festo.com

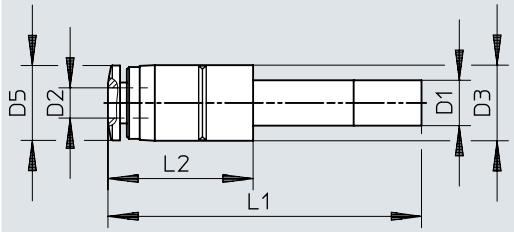


	D1 ø	D5 ø	L1
QSC-4 QSC-4-100	4	10	16,4
QSC-6 QSC-6-100	6	12,5	18,5
QSC-8 QSC-8-50	8	14,5	19,9
QSC-10 QSC-10-50	10	17,5	22,3
QSC-12 QSC-12-20	12	21	24,9

Dimensions

Dimensions – Push-in connector QS-...H

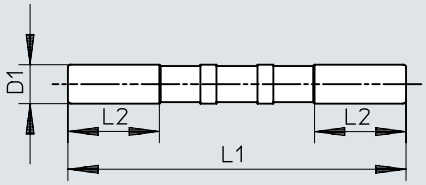
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	D1	D2	D3 ø	D5 ø	L1	L2
QS-6H-4	QS-6	4	10	9,9	37,7	15,2
QS-6H-4-100						
QS-8H-4	QS-8	4	12,5	9,9	40,2	16,7
QS-8H-6		6	12,5	11,8	40,8	17,3
QS-8H-6-50						
QS-10H-6	QS-10	6	12,5	11,8	43,8	18,8
QS-10H-8		8	14,5	13,8	43,7	18,7
QS-10H-8-50						
QS-12H-6	QS-12	6	14,5	11,8	48,8	19,8
QS-12H-8		8	14,5	13,8	49,7	20,7
QS-12H-10		10	17,5	16,8	50	21
QS-12H-10-20						

Dimensions

Dimensions – Push-in sleeve QSH Download CAD data www.festo.com

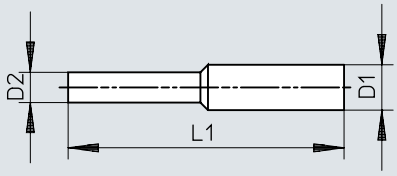


	D1	L1	L2
QSH-4	QS-4	34,8	11,3
QSH-4-100			
QSH-6	QS-6	38,2	11,3
QSH-6-100			
QSH-8	QS-8	41,4	12,1
QSH-8-50			
QSH-10	QS-10	46,2	13
QSH-10-50			
QSH-12	QS-12	52,8	17,5
QSH-12-20			
QSH-16	QS-16	55,6	18

Dimensions

Dimensions – Push-in sleeve QSH, reducing

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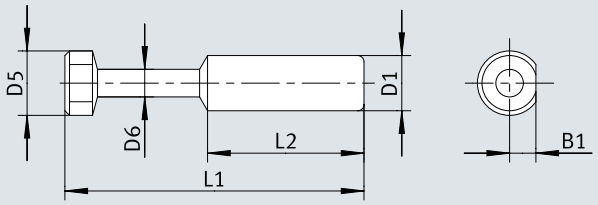


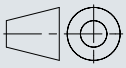
	D1	D2	L1
QSH-6-4	QS-6	QS-4	36,7
QSH-6-4-100			
QSH-8-4	QS-8	QS-4	41,1
QSH-8-6		QS-6	40,5
QSH-8-6-50			
QSH-10-6	QS-10	QS-6	43,7
QSH-10-8		QS-8	44
QSH-10-8-50			
QSH-12-8	QS-12	QS-8	47,5
QSH-12-10		QS-10	49,6
QSH-12-10-20			
QSH-16-12	QS-16	QS-12	54,4
QSH-16-12-20			

Dimensions

Dimensions – Blanking plug QSC-...4H

Download CAD data www.festo.com

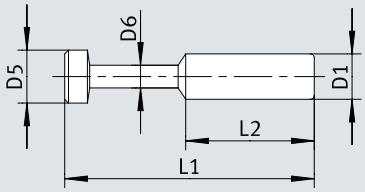




	B1	D1 ø ±0,1	D5 ø	D6 ø	L1	L2
QSC-4H	2,1	4	5	3	27,5	15
QSC-4H-100						
QSC-6H	3	6	7	3	32,5	17
QSC-6H-100						
QSC-8H	4	8	9	4	36,5	18,1
QSC-8H-50						

Dimensions

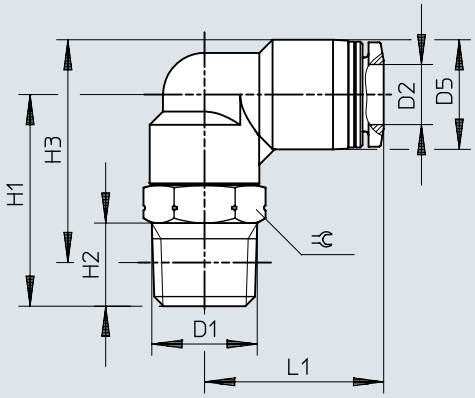
Dimensions – Blanking plug QSC-...6H/8H/10H/12H/16H Download CAD data www.festo.com



	D1 ø ±0,1	D5 ø	D6 ø	L1	L2
QSC-10H	10	11	5	42	20,2
QSC-10H-50					
QSC-12H	12	13	6	44	23,4
QSC-12H-20					
QSC-16H	16	17	8	46	24,1

Dimensions

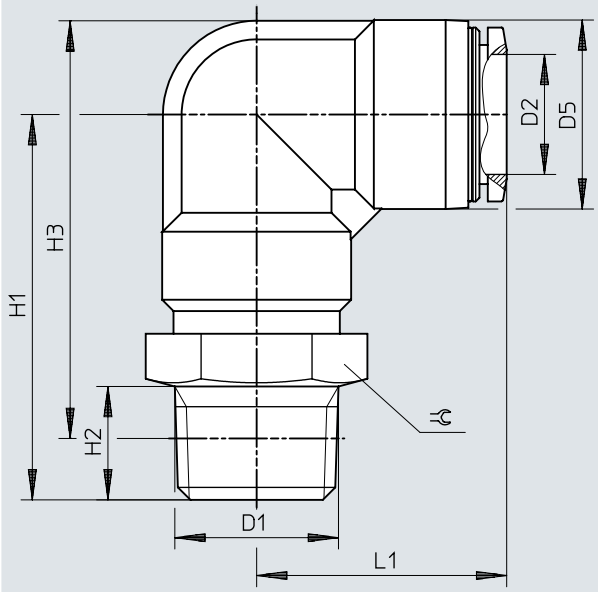
Dimensions – Push-in L-fitting QSL, R-thread Download CAD data www.festo.com



	D1	D2	D5 ø	H1	H2	H3	L1	⫷
QSL-1/8-4	R1/8	4	10	22	8	23	18,7	10
QSL-1/8-4-100								
QSL-1/8-6		6	12,5	22,5	8	24,8	20,3	10
QSL-1/8-6-100								
QSL-1/8-8		8	14,5	24	8	27,3	22,7	12
QSL-1/8-8-50								
QSL-1/8-10		10	17,5	25	8	29,8	25,5	12
QSL-1/4-4	R1/4	4	10	29	11	28	20,7	14
QSL-1/4-6		6	12,5	28	11	28,2	21,8	14
QSL-1/4-6-100								
QSL-1/4-8		8	14,5	28	11	29,2	23,7	14
QSL-1/4-8-50								
QSL-1/4-10		10	17,5	28,5	11	31,2	26	14
QSL-1/4-10-50								
QSL-1/4-12		12	21	29,8	11	34,2	29	14
QSL-1/4-12-20								
QSL-3/8-6	R3/8	6	12,5	31,5	12	31,4	23,8	17
QSL-3/8-8		8	14,5	31	12	31,9	24,7	17
QSL-3/8-8-50								
QSL-3/8-10		10	17,5	32	12	34,4	27	17
QSL-3/8-10-20								
QSL-3/8-12		12	21	32,5	12	36,7	29,7	17
QSL-3/8-12-20								
QSL-1/2-10	R1/2	10	17,5	36	15	36,6	27,5	21
QSL-1/2-10-50								
QSL-1/2-12		12	21	36,5	15	38,8	30,7	21
QSL-1/2-12-20								

Dimensions

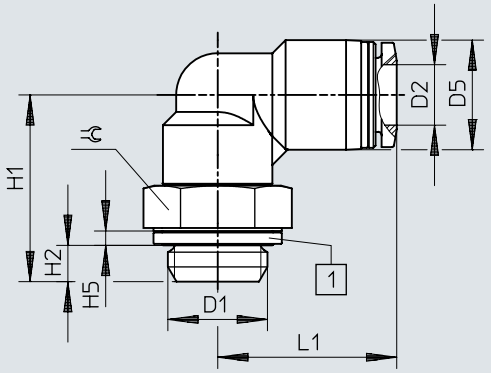
Dimensions – Push-in L-fitting QSL-...-16, R-thread Download CAD data www.festo.com



	D1	D2	D5 ø	H1	H2	H3	L1	⫰
QSL-3/8-16	R3/8	16	25	47	11	53,2	33,1	22
QSL-1/2-16	R1/2	16	25	51	15	55,3	33,1	22
QSL-1/2-16-20								

Dimensions

Dimensions – Push-in L-fitting QSL, G-thread with sealing ring Download CAD data www.festo.com

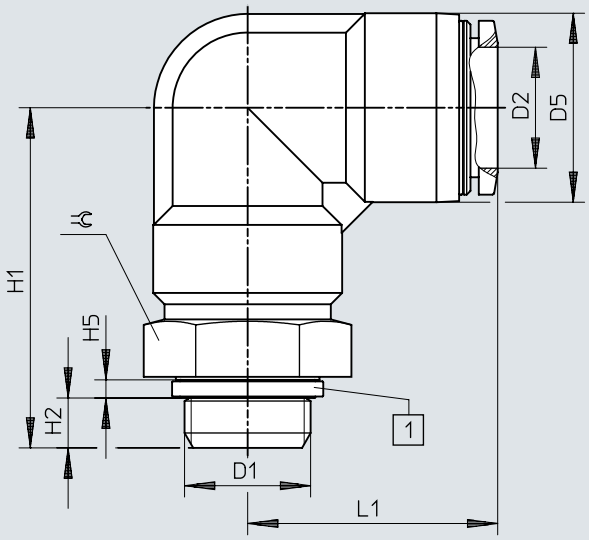


[1] Sealing ring

	D1	D2	D5 ø	H1	H2	H5	L1	⫧
QSL-G1/8-4	G1/8	4	10	21,1	4,2	1,9	18,7	13
QSL-G1/8-4-100								
QSL-G1/8-6		6	12,5	21,6	4,2	1,9	20,3	13
QSL-G1/8-6-100								
QSL-G1/8-8		8	14,5	22,1	4,2	1,9	22,7	13
QSL-G1/8-8-50								
QSL-G1/4-6	G1/4	6	12,5	24,7	4,8	1,9	21,8	17
QSL-G1/4-6-100								
QSL-G1/4-8		8	14,5	24,7	4,8	1,9	23,7	17
QSL-G1/4-8-50								
QSL-G1/4-10		10	17,5	25,2	4,8	1,9	26	17
QSL-G1/4-10-50								
QSL-G1/4-12		12	21	26,5	4,8	1,9	29	17
QSL-G1/4-12-20								
QSL-G3/8-8	G3/8	8	14,5	27,2	5,8	2,4	24,7	19
QSL-G3/8-8-50								
QSL-G3/8-10		10	17,5	28,2	5,8	2,4	27	19
QSL-G3/8-10-20								
QSL-G3/8-12		12	21	28,7	5,8	2,4	29,7	19
QSL-G3/8-12-20								
QSL-G1/2-12	G1/2	12	21	32,2	6,8	2,4	30,7	24
QSL-G1/2-12-20								

Dimensions

Dimensions – Push-in L-fitting QSL-...-16, G-thread with sealing ring Download CAD data www.festo.com

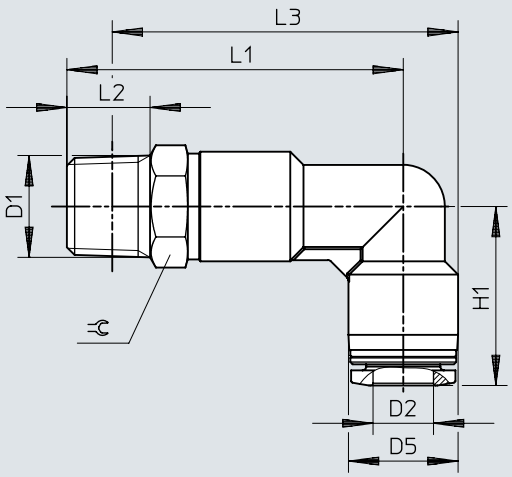


[1] Sealing ring

	D1	D2	D5 ø	H1	H2	H5	L1	⌀
QSL-G3/8-16	G3/8	16	25	44,2	5,8	2,4	33,1	24
QSL-G1/2-16	G1/2	16	25	45,2	6,8	2,4	33,1	24
QSL-G1/2-16-20								

Dimensions

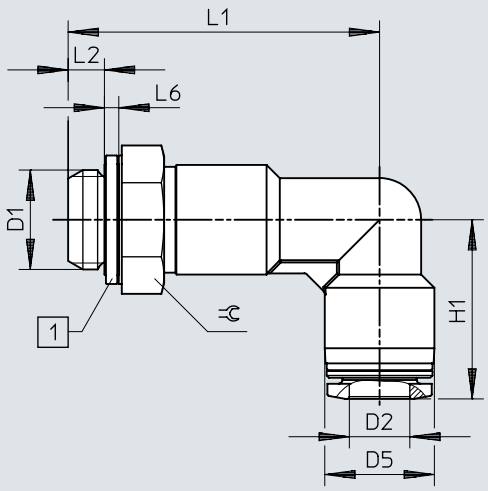
Dimensions – Push-in L-fitting, long QSLL, R-thread Download CAD data www.festo.com



	D1	D2	D5 ø	H1	L1	L2	L3	⫧
QSLL-1/8-4	R1/8	4	10	18,7	34	8	35	10
QSLL-1/8-6		6	12,5	20,3	37	8	39,3	10
QSLL-1/8-8		8	14,5	22,7	40,5	8	43,8	12
QSLL-1/4-4	R1/4	4	10	20,7	41	11	40	14
QSLL-1/4-6		6	12,5	21,8	42,5	11	42,7	14
QSLL-1/4-8		8	14,5	23,7	44,5	11	45,7	14
QSLL-1/4-10		10	17,5	26	48	11	50,7	14
QSLL-3/8-6	R3/8	6	12,5	23,8	46	12	45,9	17
QSLL-3/8-8		8	14,5	24,7	47,5	12	48,4	17
QSLL-3/8-10		10	17,5	27	51,5	12	53,9	17
QSLL-3/8-12		12	21	29,7	55,5	12	59,7	17
QSLL-1/2-10	R1/2	10	17,5	27	55,5	15	56,1	21
QSLL-1/2-12		12	21	29,7	59,5	15	61,8	21

Dimensions

Dimensions – Push-in L-fitting, long QSLL, G-thread with sealing ring Download CAD data www.festo.com

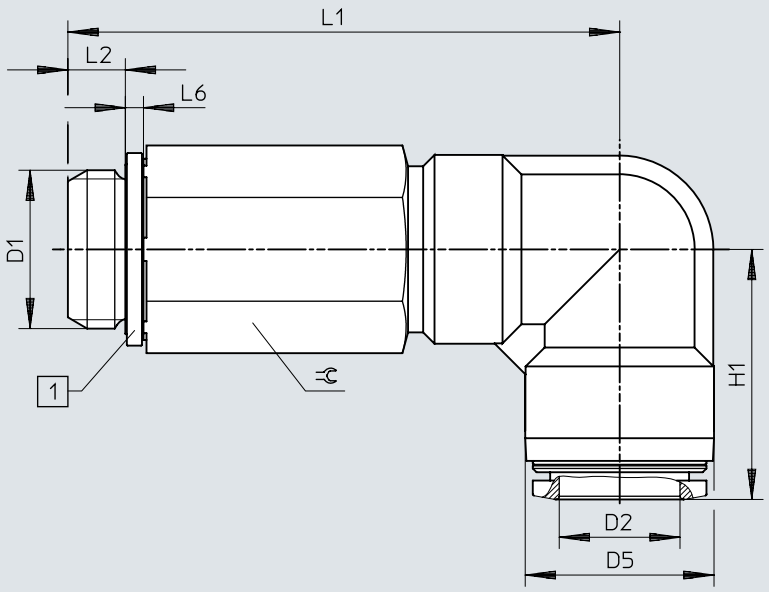


[1] Sealing ring

	D1	D2	D5 ø	H1	L1	L2	L6	⫧
QSLL-G1/8-4	G1/8	4	10	18,7	33,1	4,2	1,9	13
QSLL-G1/8-4-100								
QSLL-G1/8-6		6	12,5	20,3	36,1	4,2	1,9	13
QSLL-G1/8-6-100								
QSLL-G1/8-8		8	14,5	22,7	38,6	4,2	1,9	13
QSLL-G1/8-8-100								
QSLL-G1/4-6	G1/4	6	12,5	21,8	39,2	4,8	1,9	17
QSLL-G1/4-8		8	14,5	23,7	41,2	4,8	1,9	17
QSLL-G1/4-10		10	17,5	26	44,7	4,8	1,9	17
QSLL-G1/4-12		12	21	29	49,5	4,8	1,9	17
QSLL-G3/8-8	G3/8	8	14,5	24,7	43,7	5,8	2,4	19
QSLL-G3/8-10		10	17,5	27	47,7	5,8	2,4	19
QSLL-G3/8-12		12	21	29,7	51,7	5,8	2,4	19
QSLL-G1/2-12	G1/2	12	21	29,7	55,2	6,8	2,4	24

Dimensions

Dimensions – Push-in L-fitting, long QSLL-...-16, G-thread with sealing ring Download CAD data www.festo.com

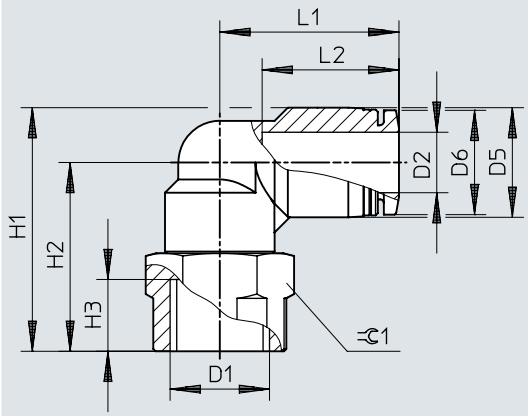


[1] Sealing ring

	D1	D2	D5 ø	H1	L1	L2	L6	⫧
QSLL-G1/2-16	G1/2	16	25	33,1	72,2	6,8	2,4	24

Dimensions

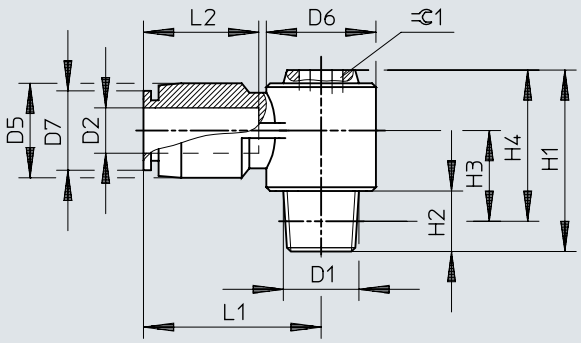
Dimensions – Push-in L-fitting QSLF, G-thread Download CAD data www.festo.com



	D1	D2	D5 ø	D6 ø	H1	H2	H3	L1	L2	⫷
QSLF-1/8-4-B	G1/8	4	10	9,9	25	20	7	18,7	14,9	14
QSLF-1/8-6-B		6	12,5	11,8	26,8	20,5	7	20,3	17	14
QSLF-1/8-8-B		8	14,5	13,8	28,3	21	7	22,7	18,1	14
QSLF-1/4-6-B	G1/4	6	12,5	11,8	31,3	25	9,5	21,8	17	17
QSLF-1/4-8-B		8	14,5	13,8	32,3	25	9,5	23,7	18,1	17
QSLF-1/4-10-B		10	17,5	16,8	34,3	25,5	9,5	26	20,2	17
QSLF-3/8-8-B	G3/8	8	14,5	13,8	34,8	27,5	11	24,7	18,1	21
QSLF-3/8-10-B		10	17,5	16,8	37,3	28,5	11	27	20,2	21

Dimensions

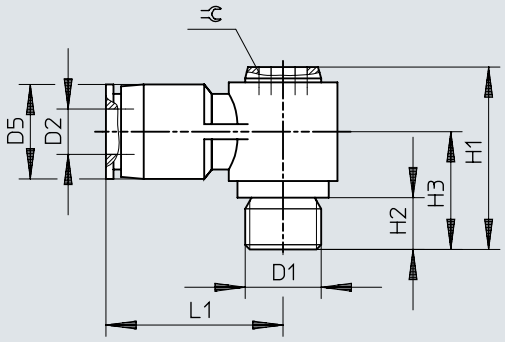
Dimensions – Push-in L-fitting QSLV-...-I, R-thread Download CAD data www.festo.com



	D1	D2	D5 ø	D6 ø	D7 ø	H1	H2	H3	H4	L1	L2	⫧
QSLV-1/8-6-I	R1/8	6	13	14,3	11,8	24	8	11,5	20	23,7	17	5
QSLV-1/8-8-I		8	14	17,9	13,8	27	8	12	23	26,7	18,1	8
QSLV-1/4-6-I	R1/4	6	13	14,3	11,8	27	11	12,5	21	23,7	17	5
QSLV-1/4-8-I		8	14	17,9	13,8	30	11	13	24	26,7	18,1	8
QSLV-1/4-10-I		10	18	21,3	16,8	34	11	15	28	30,7	20,7	10
QSLV-3/8-8-I	R3/8	8	14	17,9	13,8	31	12	13,7	24,7	26,7	18,1	8
QSLV-3/8-10-I		10	18	21,3	16,8	35	12	15,7	28,7	30,7	20,7	10
QSLV-3/8-12-I		12	21	26,3	19,8	39	12	17,7	32,7	36,4	23,4	12
QSLV-1/2-12-I	R1/2	12	21	26,3	19,8	42	15	18,8	33,8	36,4	23,4	12

Dimensions

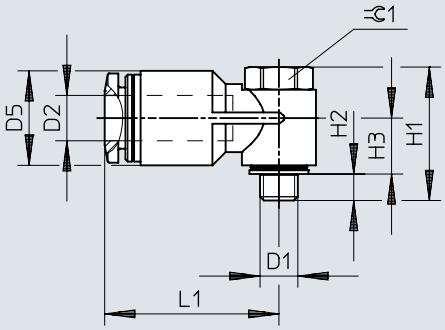
Dimensions – Push-in L-fitting QSLV-...-I, G-thread Download CAD data www.festo.com



	D1	D2	D5 ø	H1	H2	H3	L1	⫧
QSLV-G1/8-6-I	G1/8	6	13	23	5,1	14,5	23,7	5
QSLV-G1/8-8-I		8	14	26	5,1	15	26,7	8
QSLV-G1/4-6-I	G1/4	6	13	23,5	5,6	15	23,7	5
QSLV-G1/4-8-I		8	14	26,5	5,6	15,5	26,7	8
QSLV-G1/4-10-I		10	18	30,5	5,6	17,5	30,7	10
QSLV-G3/8-8-I	G3/8	8	14	28	6,6	17	26,7	8
QSLV-G3/8-10-I		10	18	32	6,6	19	30,7	10
QSLV-G3/8-12-I		12	21	36	6,6	21	36,4	12
QSLV-G1/2-12-I	G1/2	12	21	37	7,6	22	36,4	12

Dimensions

Dimensions – Push-in L-fitting QSLV, metric thread with sealing ring Download CAD data www.festo.com

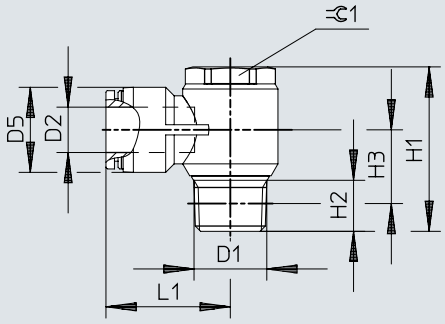


	D1	D2	D5 ø	H1	H2	H3	L1	⫧ 1
QSLV-M5-6	M5	6	12,5	17,2	3	7,4	23,1	8

Dimensions

Dimensions – Push-in L-fitting QSLV, R-thread

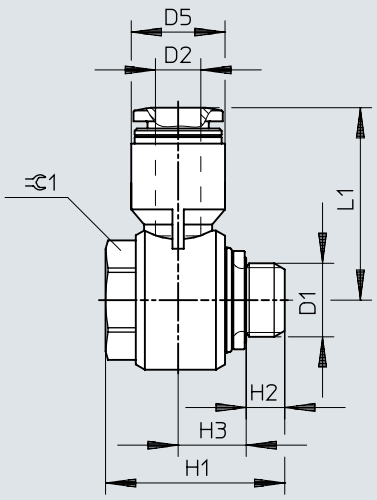
Download CAD data www.festo.com



	D1	D2	D5 ø	H1	H2	H3	L1	⇔ 1
QSLV-1/8-4	R1/8	4	10	27	8	12	22,2	14
QSLV-1/8-4-100								
QSLV-1/8-6		6	12,5	27	8	12	24,2	14
QSLV-1/8-6-100								
QSLV-1/8-8		8	14,5	27	8	12,3	26,2	14
QSLV-1/8-8-50								
QSLV-1/4-6	R1/4	6	12,5	31,5	11	13,5	26,8	17
QSLV-1/4-6-100								
QSLV-1/4-8		8	14,5	31,5	11	13,5	28,2	17
QSLV-1/4-8-50								
QSLV-1/4-10		10	17,5	31,5	11	15	30,5	17
QSLV-1/4-10-50								
QSLV-3/8-8	R3/8	8	14,5	36	12	15,7	30,2	21
QSLV-3/8-10		10	18	36	12	15,7	32,5	21
QSLV-3/8-12		12	21	36	12	17,2	35,2	21
QSLV-1/2-12	R1/2	12	21	40,2	13	16,5	38,2	24
QSLV-1/2-16		16	25	48,3	15	21,6	36,6	24

Dimensions

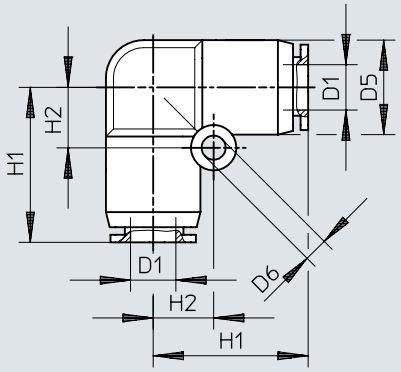
Dimensions – Push-in L-fitting QSLV, G-thread with sealing ring Download CAD data www.festo.com



	D1	D2	D5 ø	H1	H2	H3	L1	⫷1
QSLV-G1/8-4	G1/8	4	10	23,7	5,1	8,7	23,4	14
QSLV-G1/8-4-100								
QSLV-G1/8-6		6	12,4	23,7	5,1	9	25,5	14
QSLV-G1/8-6-100								
QSLV-G1/8-8		8	14,4	23,7	5,1	10	28,4	14
QSLV-G1/8-8-50								
QSLV-G1/4-6	G1/4	6	14,5	28,6	5,6	10,4	29	19
QSLV-G1/4-6-100								
QSLV-G1/4-8		8	14,5	28,6	5,6	10,4	28,9	19
QSLV-G1/4-8-50								
QSLV-G1/4-10		10	17,6	28,6	5,6	11,7	31,2	19
QSLV-G1/4-10-50								
QSLV-G3/8-8	G3/8	8	14,4	33,1	6,6	12,6	31	24
QSLV-G3/8-10		10	17,6	33,1	6,6	12,6	33,6	24
QSLV-G3/8-12		12	21	33,1	6,6	14,3	36,4	24
QSLV-G1/2-12	G1/2	12	21	34	7,6	14,3	37,9	27
QSLV-G1/2-16		16	25	43,1	7,6	17,2	38,1	27

Dimensions

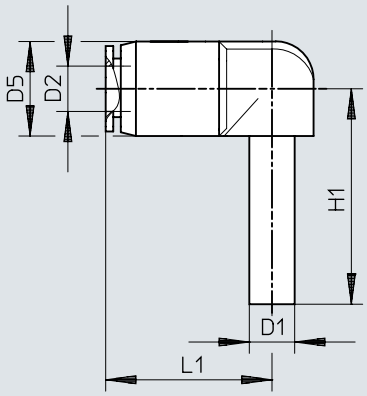
Dimensions – Push-in L-connector QSL Download CAD data www.festo.com



	D1	D5 ø	D6 ø	H1	H2
QSL-4	4	10	3,2	16,9	6,5
QSL-4-100					
QSL-6	6	12,5	3,2	20,1	8
QSL-6-100					
QSL-8	8	15	4,2	22,4	10
QSL-8-50					
QSL-10	10	17,5	4,2	26,2	12
QSL-10-50					
QSL-12	12	21	4,2	29,4	14
QSL-12-20					
QSL-16	16	25	4,2	33,1	12
QSL-16-20					

Dimensions

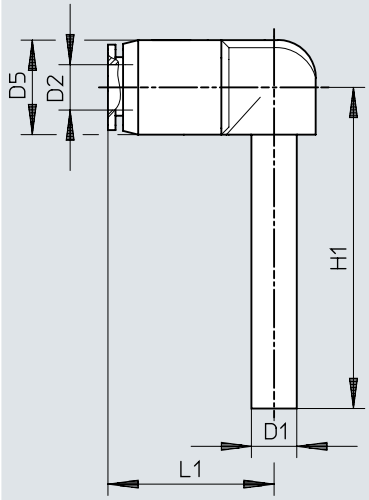
Dimensions – Push-in L connector QSL-...H with push-in sleeve Download CAD data www.festo.com



	D1	D2	D5 ø	H1	L1
QSL-4H	QS-4	4	10	25	16,8
QSL-4H-100					
QSL-6H	QS-6	6	12,5	28,5	19,8
QSL-6H-100					
QSL-8H	QS-8	8	14,5	30,7	21,8
QSL-8H-50					
QSL-10H	QS-10	10	17,5	33,7	24,9
QSL-10H-50					
QSL-12H	QS-12	12	21	39	28,9
QSL-6H-4	QS-6	4	12,5	28,5	17,7
QSL-8H-6	QS-8	6	14,5	30,7	21,9
QSL-10H-8	QS-10	8	17,5	33,7	24,6
QSL-12H-10	QS-12	10	21	39	28,7

Dimensions

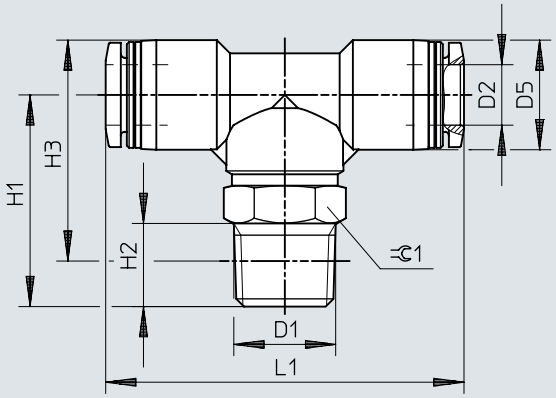
Dimensions – Push-in L-connector QSL-...H with long push-in sleeve Download CAD data www.festo.com



	D1	D2	D5 ø	H1	L1
QSL-4HL	QS-4	4	10	36	16,8
QSL-6HL	QS-6	6	12,5	42	19,8
QSL-8HL	QS-8	8	14,5	46,7	21,8
QSL-10HL	QS-10	10	17,5	51,7	24,9
QSL-12HL	QS-12	12	21	59,5	28,95

Dimensions

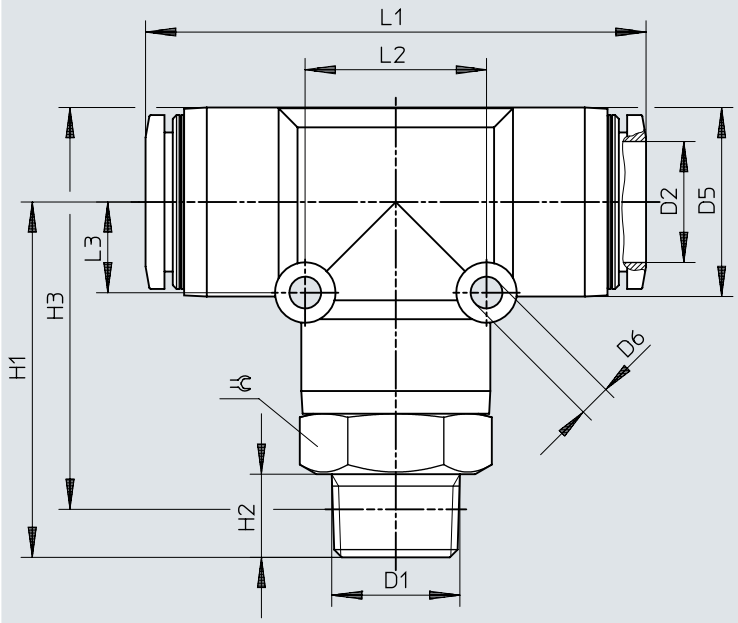
Dimensions – Push-in T-fitting QST, R-thread Download CAD data www.festo.com



	D1	D2	D5 ø	H1	H2	H3	L1	⇄C
QST-1/8-4	R1/8	4	10	22	8	23	37,4	10
QST-1/8-4-100								
QST-1/8-6		6	12,5	22,5	8	24,8	40,5	10
QST-1/8-6-100								
QST-1/8-8		8	14,5	24	8	27,3	45,4	12
QST-1/8-8-50								
QST-1/8-10		10	17,5	25	8	29,8	51	12
QST-1/4-4	R1/4	4	10	29	11	28	41,4	14
QST-1/4-6		6	12,5	28	11	28,2	43,5	14
QST-1/4-6-100								
QST-1/4-8		8	14,5	28	11	29,2	47,4	14
QST-1/4-8-50								
QST-1/4-10		10	17,5	28,5	11	31,2	52	14
QST-1/4-10-50								
QST-1/4-12		12	21	29,8	11	34,2	57,9	14
QST-3/8-6	R3/8	6	12,5	31,5	12	31,4	47,5	17
QST-3/8-8		8	14,5	31	12	31,9	49,4	17
QST-3/8-8-50								
QST-3/8-10		10	17,5	32	12	34,4	54	17
QST-3/8-10-20								
QST-3/8-12		12	21	32,5	12	36,7	59,4	17
QST-3/8-12-20								
QST-1/2-10	R1/2	10	17,5	36	15	36,6	55	21
QST-1/2-12		12	21	36,5	15	38,8	61,4	21

Dimensions

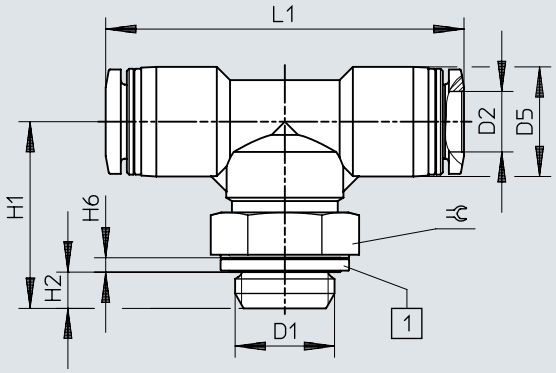
Dimensions – Push-in T-fitting QST-...-16, R-thread Download CAD data www.festo.com



	D1	D2	D5 ø	D6 ø	H1	H2	H3	L1	L2	L3	=⌀
QST-3/8-16	R3/8	16	25	4,2	47	11	53,2	66,2	24	12	22
QST-1/2-16	R1/2	16	25	4,2	51	15	55,3	66,2	24	12	22

Dimensions

Dimensions – Push-in T-fitting QST, G-thread with sealing ring Download CAD data www.festo.com

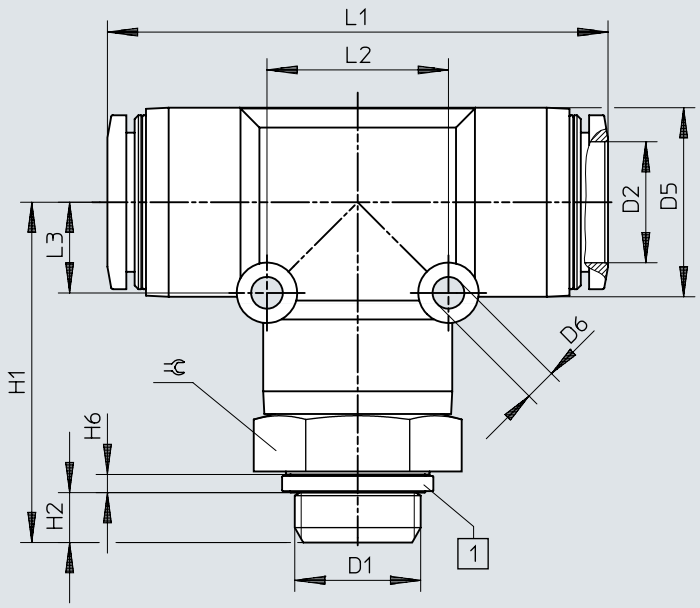


[1] Sealing ring

	D1	D2	D5 ø	H1	H2	H6	L1	⫷
QST-G1/8-4	G1/8	4	10	21,1	4,2	1,9	37,4	13
QST-G1/8-4-100								
QST-G1/8-6		6	12,5	21,6	4,2	1,9	40,5	13
QST-G1/8-6-100								
QST-G1/8-8		8	14,5	22,1	4,2	1,9	45,4	13
QST-G1/8-8-50								
QST-G1/4-6	G1/4	6	12,5	24,7	4,8	1,9	43,5	17
QST-G1/4-6-100								
QST-G1/4-8		8	14,5	24,7	4,8	1,9	47,4	17
QST-G1/4-8-50								
QST-G1/4-10		10	17,5	25,2	4,8	1,9	52	17
QST-G1/4-10-50								
QST-G1/4-12		12	21	26,5	4,8	1,9	57,9	17
QST-G3/8-8	G3/8	8	14,5	27,2	5,8	2,4	49,4	19
QST-G3/8-8-50								
QST-G3/8-10		10	17,5	28,2	5,8	2,4	54	19
QST-G3/8-10-20								
QST-G3/8-12		12	21	28,7	5,8	2,4	59,4	19
QST-G3/8-12-20								
QST-G1/2-12	G1/2	12	21	32,2	6,8	2,4	61,4	24

Dimensions

Dimensions – Push-in T-fitting QST-...-16, G-thread with sealing ring Download CAD data www.festo.com

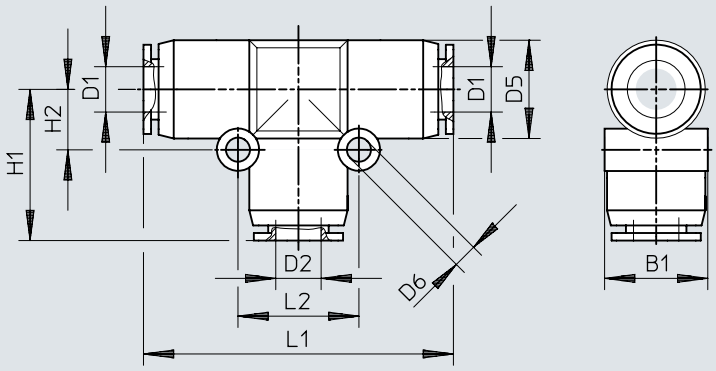


[1] Sealing ring

	D1	D2	D5 ø	D6 ø	H1	H2	H6	L1	L2	L3	⬡
QST-G3/8-16	G3/8	16	25	4,2	44,2	5,8	2,4	66,2	24	12	24
QST-G1/2-16	G1/2	16	25	4,2	45,2	6,8	2,4	66,2	24	12	24

Dimensions

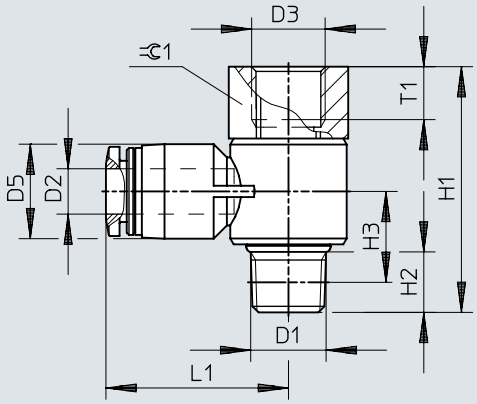
Dimensions – Push-in T-connector QST Download CAD data www.festo.com



	D1	D2	D5 ø	D6 ø	B1	H1	H2	L1	L2
QST-4	4	4	10	3,2	10,4	17,2	6,5	34,4	13
QST-4-100									
QST-6	6	6	13	3,2	13,5	20,1	8	40,2	16
QST-6-100									
QST-8	8	8	15	3,2	15,6	22,2	9	44,4	18
QST-8-50									
QST-10	10	10	17,5	4,2	18,2	25,2	12	50,4	24
QST-10-50									
QST-12	12	12	21	4,2	21,7	28,4	14	56,8	28
QST-12-20									
QST-16	16	16	25	4,2	25,6	33,1	12	66,2	24
QST-6-4	6	4	13	3,2	13	19,5	8	40,1	16
QST-6-4-100									
QST-8-4	8	4	14,5	3,2	15,1	21,7	9	44,4	18
QST-8-6		6	14,5	3,2	15,1	22,3	9	44,4	18
QST-8-6-50									
QST-10-6	10	6	17,5	4,2	18,2	25	12	50,4	24
QST-10-8		8	17,5	4,2	18,2	24,9	12	50,4	24
QST-10-8-50									
QST-12-8	12	8	21	4,2	21,7	27,7	14	56,8	28
QST-12-10		10	21	4,2	21,7	28	14	56,8	28
QST-12-10-20									
QST-16-12	16	12	25	4,2	25,7	33,2	12	66,2	24

Dimensions

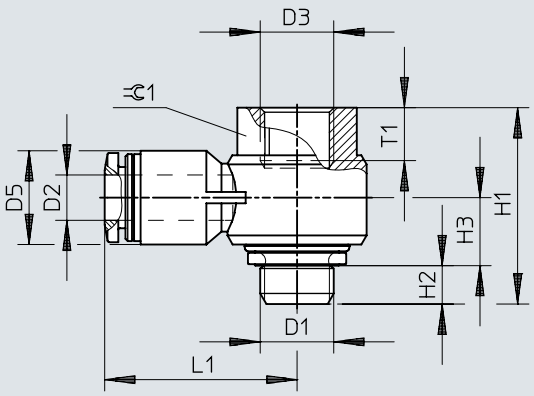
Dimensions – Push-in T-fitting QSTF, R-thread Download CAD data www.festo.com



	D1	D2	D3	D5 ø	H1	H2	H3	L1	T1	⇄ 1
QSTF-1/8-4-B	R1/8	4	G1/8	10	32,5	8	12	22,2	7	14
QSTF-1/8-6-B		6	G1/8	12,5	32,5	8	12	24,2	7	14
QSTF-1/8-8-B		8	G1/8	14,5	32,5	8	12,3	26,2	7	14
QSTF-1/4-6-B	R1/4	6	G1/4	12,5	38,5	11	13,5	26,8	9,5	17
QSTF-1/4-8-B		8	G1/4	14,5	38,5	11	13,5	28,2	9,5	17
QSTF-1/4-10-B		10	G1/4	17,5	38,5	11	15	30,5	9,5	17
QSTF-3/8-8-B	R3/8	8	G3/8	14,5	44,5	12	15,7	30,2	11	21
QSTF-3/8-10-B		10	G3/8	18	44,5	12	15,7	32,5	11	21
QSTF-3/8-12-B		12	G3/8	21	44,5	12	17,2	35,2	11	21
QSTF-1/2-12-B	R1/2	12	G1/2	21	52,2	13	16,5	38,2	14	24

Dimensions

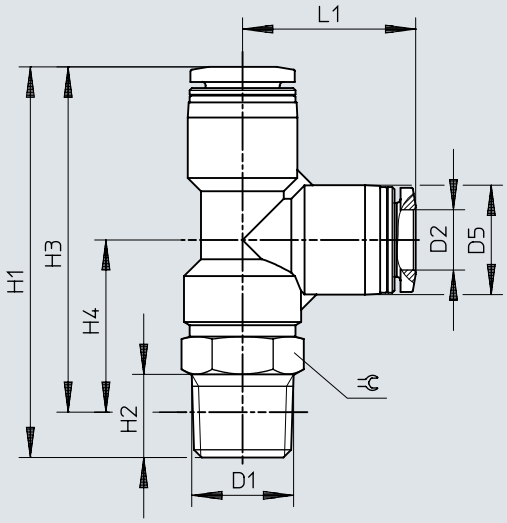
Dimensions – Push-in T-fitting QSTF, G-thread with sealing ring Download CAD data www.festo.com



	D1	D2	D3	D5 ø	H1	H2	H3	L1	T1	⫧1
QSTF-G1/8-4	G1/8	4	G1/8	10	26	5,1	8,7	23,4	7	14
QSTF-G1/8-6		6	G1/8	12,4	26	5,1	9	25,5	7	14
QSTF-G1/8-8		8	G1/8	14,4	26	5,1	10	28,4	7	14
QSTF-G1/4-6	G1/4	6	G1/4	14,5	33,2	5,6	10,4	29	9,5	19
QSTF-G1/4-8		8	G1/4	14,5	33,2	5,6	10,4	28,9	9,5	19
QSTF-G1/4-10		10	G1/4	17,6	33,2	5,6	11,7	31,2	9,5	19
QSTF-G3/8-8	G3/8	8	G3/8	14,4	38,1	6,6	12,6	31	11	24
QSTF-G3/8-10		10	G3/8	17,6	38,1	6,6	12,6	33,6	11	24
QSTF-G3/8-12		12	G3/8	21	38,1	6,6	14,3	36,4	11	24
QSTF-G1/2-12	G1/2	12	G1/2	21	42,8	7,6	14,3	37,9	14	27

Dimensions

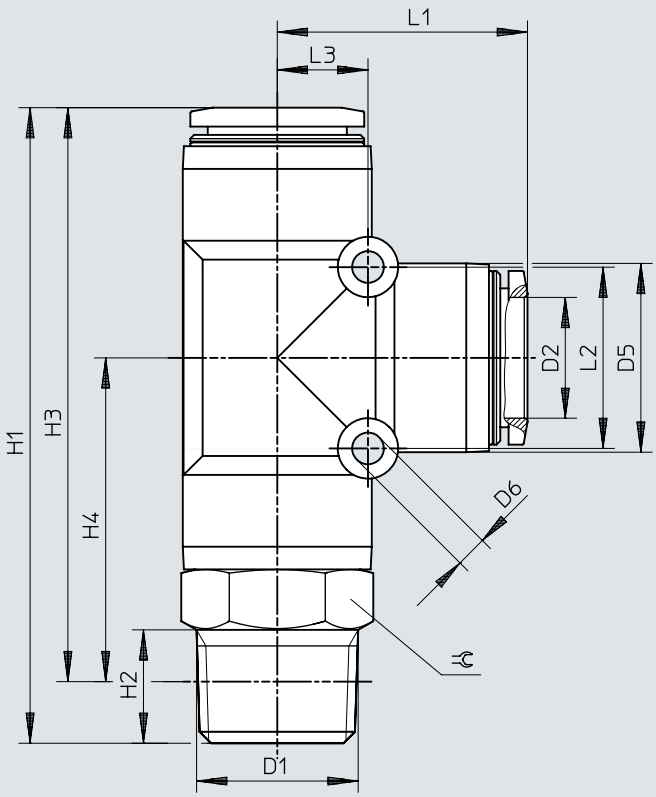
Dimensions – Push-in T-fitting QSTL, R-thread Download CAD data www.festo.com



	D1	D2	D5 ø	H1	H2	H3	H4	L1	⫧
QSTL-1/8-4	R1/8	4	10	40,2	8	36,2	19	17,2	10
QSTL-1/8-4-100									
QSTL-1/8-6		6	12,5	43,3	8	39,3	18,8	20,5	10
QSTL-1/8-6-100									
QSTL-1/8-8		8	14,5	46,9	8	42,9	20	22,9	12
QSTL-1/8-8-50									
QSTL-1/4-6	R1/4	6	12,5	48,8	11	42,7	22,2	20,5	14
QSTL-1/4-6-100									
QSTL-1/4-8		8	14,5	51,7	11	45,7	22,8	22,9	14
QSTL-1/4-8-50									
QSTL-1/4-10		10	17,5	54,7	11	48,7	22,5	26,2	14
QSTL-1/4-10-50									
QSTL-3/8-8	R3/8	8	14,5	55,4	12	49,1	26,2	22,9	17
QSTL-3/8-10		10	17,5	58,2	12	51,9	25,7	26,2	17
QSTL-3/8-12		12	21	63,5	12	57,2	26,7	30,5	17
QSTL-1/2-12	R1/2	12	21	67,5	15	59,3	28,8	30,7	21

Dimensions

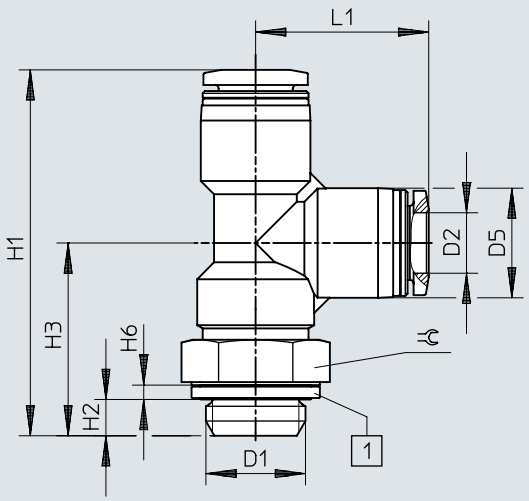
Dimensions – Push-in T-fitting QSTL-...-16, R-thread Download CAD data www.festo.com



	D1	D2	D5 ø	D6 ø	H1	H2	H3	H4	L1	L2	L3	⬡
QSTL-1/2-16	R1/2	16	25	4,2	84,1	15	75,9	42,8	33,1	24	12	22

Dimensions

Dimensions – Push-in T-fitting QSTL, G-thread with sealing ring Download CAD data www.festo.com

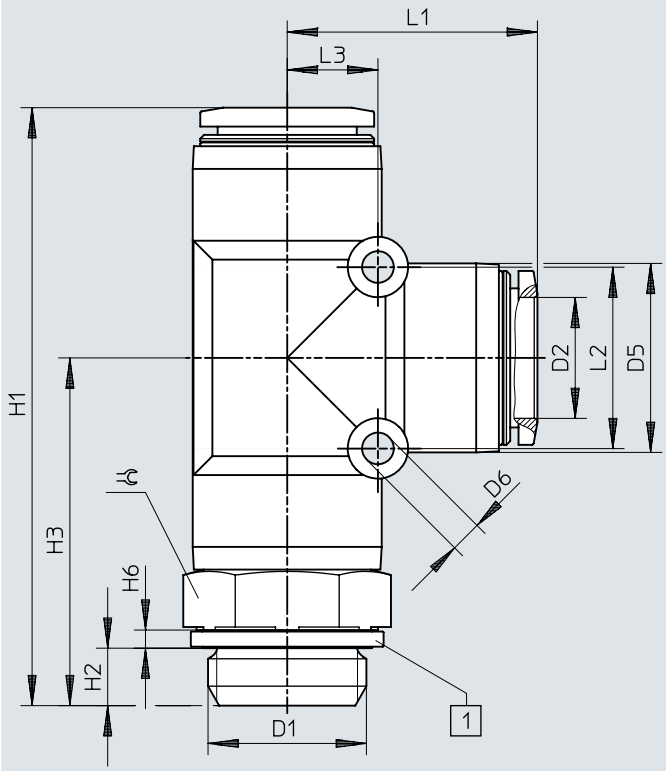


[1] Sealing ring

	D1	D2	D5 ø	H1	H2	H3	H6	L1	⫧
QSTL-G1/8-4	G1/8	4	10	39,3	4,2	22,1	1,9	17,2	13
QSTL-G1/8-4-100									
QSTL-G1/8-6		6	12,5	42,4	4,2	21,9	1,9	20,5	13
QSTL-G1/8-6-100									
QSTL-G1/8-8		8	14,5	45	4,2	22,1	1,9	22,9	13
QSTL-G1/8-8-50									
QSTL-G1/4-6	G1/4	6	12,5	45,5	4,8	25	1,9	20,5	17
QSTL-G1/4-6-100									
QSTL-G1/4-8		8	14,5	48,4	4,8	25,5	1,9	22,9	17
QSTL-G1/4-8-50									
QSTL-G1/4-10		10	17,5	51,4	4,8	25,2	1,9	26,2	17
QSTL-G1/4-10-50									
QSTL-G3/8-8	G3/8	8	14,5	51,6	5,8	28,7	2,4	22,9	19
QSTL-G3/8-10		10	17,5	54,4	5,8	28,2	2,4	26,2	19
QSTL-G3/8-12		12	21	59,7	5,8	29,2	2,4	30,5	19
QSTL-G1/2-12	G1/2	12	21	63,2	6,8	32,7	2,4	30,7	24

Dimensions

Dimensions – Push-in T-fitting QSTL-...-16, G-thread with sealing ring Download CAD data www.festo.com

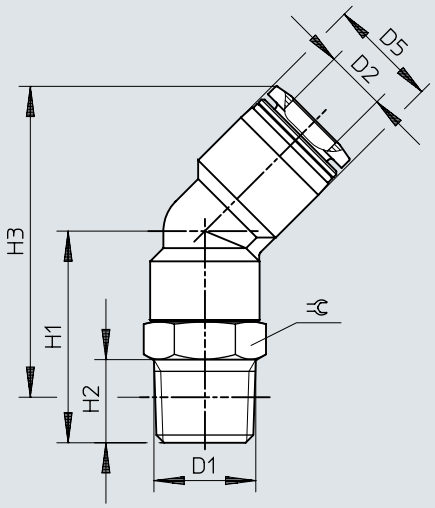


[1] Sealing ring

	D1	D2	D5 ø	D6 ø	H1	H2	H3	H6	L1	L2	L3	⌀
QSTL-G1/2-16	G1/2	16	25	4,2	78,3	6,8	45,2	2,4	33,1	24	12	24

Dimensions

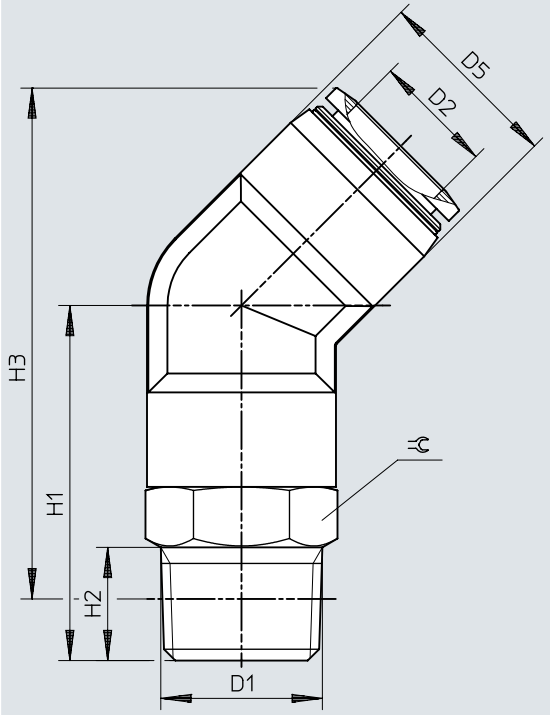
Dimensions – Push-in fitting QSW, R-thread Download CAD data www.festo.com



	D1	D2	D5 ø	H1	H2	H3	⫧
QSW-1/8-4	R1/8	4	8	14,8	8	23	10
QSW-1/8-6		6	10,5	16,4	8	25,3	10
QSW-1/8-8		8	14,5	24	8	39,2	12
QSW-1/4-6	R1/4	6	10,5	21,4	11	28,2	14
QSW-1/4-8		8	14,5	28	11	41,2	14
QSW-1/4-10		10	17,5	28,5	11	44,9	14
QSW-3/8-10	R3/8	10	17,5	33	12	49,1	17
QSW-3/8-12		12	21	32,5	12	53,2	17
QSW-1/2-12	R1/2	12	21	36,5	15	55,4	21

Dimensions

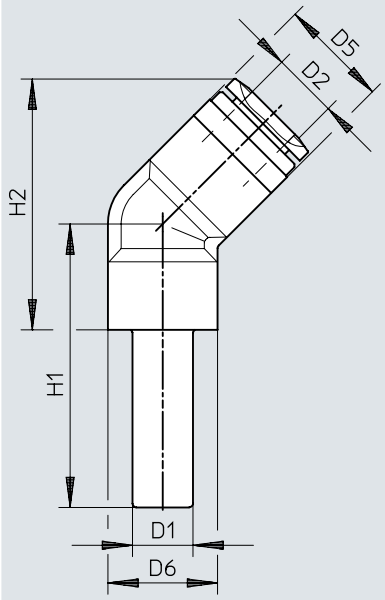
Dimensions – Push-in fitting QSW-...-16, R-thread Download CAD data www.festo.com



	D1	D2	D1	D2	H2	H3	⫧
QSW-1/2-16	R1/2	16	25	47	15	67,6	22

Dimensions

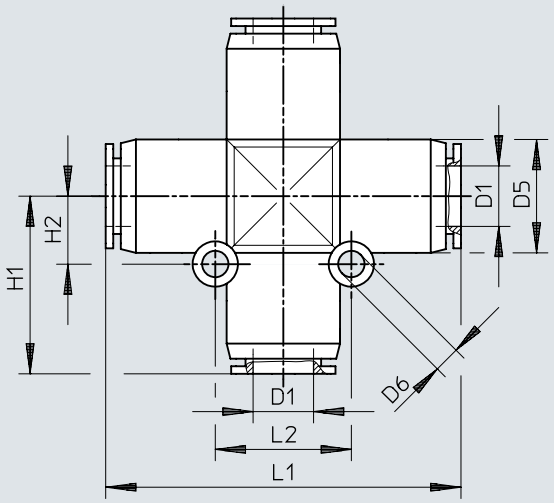
Dimensions – Push-in connector QSW-...HL with push-in sleeve Download CAD data www.festo.com



	D1	D2	D5	D6	H1	H2
QSW-4HL	QS-4	4	8	8	21,8	15
QSW-6HL	QS-6	6	10,5	8	24,6	17,3
QSW-8HL	QS-8	8	14,5	10	28,5	25,7
QSW-10HL	QS-10	10	17,5	11	31,5	30,5
QSW-12HL	QS-12	12	21	14	35,5	36,3

Dimensions

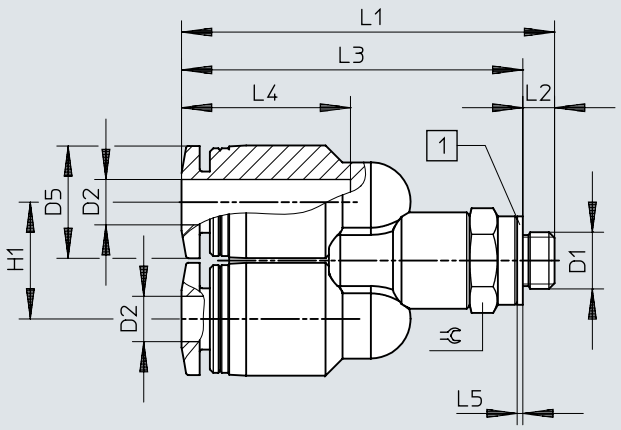
Dimensions – Push-in X-connector QSX Download CAD data www.festo.com



	D1	D5 ø	D6 ø	H1	H2	L1	L2
QSX-8	8	15	3,5	23,5	9	47	18
QSX-10	10	17,5	4,5	27,5	11	55	22
QSX-12	12	21	4,5	31	12	62	24

Dimensions

Dimensions – Push-in Y-fitting QSY, metric thread with sealing ring Download CAD data www.festo.com

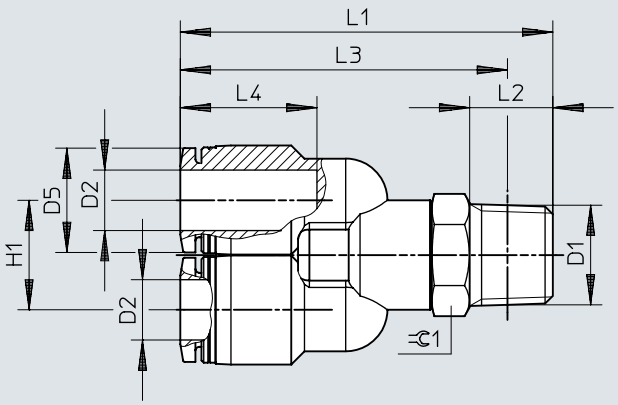


[1] Sealing ring

	D1	D2	D5 ø	H1	L1	L2	L3	L4	L5	⫧
QSY-M5-4	M5x0,8	4	10	10,3	32,9	2,8	30,1	14,9	0,5	8
QSY-M5-6		6	12,5	12,5	38,3	2,8	35,5	17	0,5	10

Dimensions

Dimensions – Push-in Y-fitting QSY, R-thread Download CAD data www.festo.com

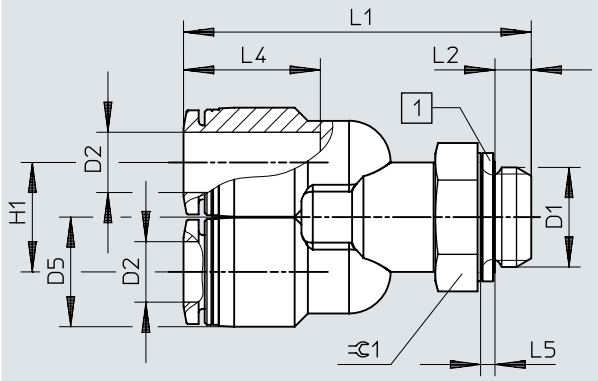


	D1	D2	D5 ø	H1	L1	L2	L3	L4	⫧
QSY-1/8-4	R1/8	4	10	10,3	38,4	8	34,4	14,9	10
QSY-1/8-6		6	12,5	12,5	41,3	8	37,3	17	10
QSY-1/8-8		8	14,5	14,5	46,1	8	42,1	18,1	12
QSY-1/4-4	R1/4	4	10	10,3	43,4	11	37,4	14,9	14
QSY-1/4-6		6	12,5	12,5	48,3	11	42,2	17	14
QSY-1/4-8		8	14,5	14,5	49,3	11	43,3	18,1	14
QSY-1/4-10		10	17,5	17,5	53,6	11	47,6	20,2	14
QSY-3/8-8	R3/8	8	14,5	14,5	52,5	12	46,2	18,1	17
QSY-3/8-10		10	17,5	17,5	56,7	12	50,4	20,2	17
QSY-3/8-12		12	21	21	60,6	12	54,3	23,4	17
QSY-1/2-10	R1/2	10	17,5	17,5	60,2	15	52	20,2	21
QSY-1/2-12		12	21	21	64,7	15	56,5	23,4	21

Dimensions

Dimensions – Push-in Y-fitting QSY, G-thread with sealing ring

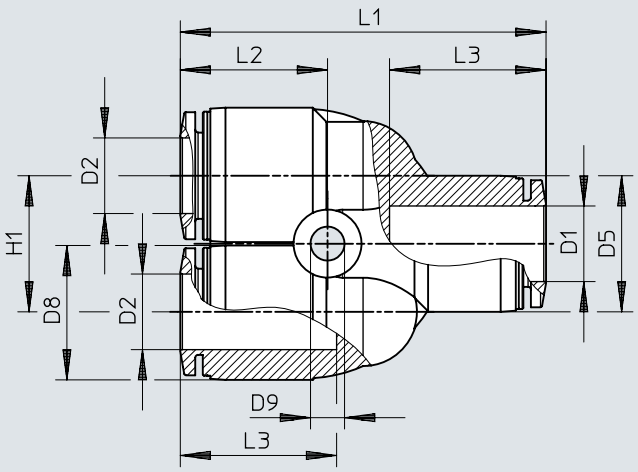
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	D1	D2	D5 ø	H1	L1	L2	L4	L5	⫧
QSY-G1/8-4	G1/8	4	10	10,3	37,5	4,2	14,9	1,9	13
QSY-G1/8-6		6	12,5	12,5	40,4	4,2	17	1,9	13
QSY-G1/8-8		8	14,5	14,5	44,2	4,2	18,1	1,9	13
QSY-G1/4-6	G1/4	6	12,5	12,5	45	4,8	17	1,9	17
QSY-G1/4-8		8	14,5	14,5	46	4,8	18,1	1,9	17
QSY-G1/4-10		10	17,5	17,5	50,3	4,8	20,2	1,9	17
QSY-G3/8-8	G3/8	8	14,5	14,5	48,7	5,8	18,1	2,4	19
QSY-G3/8-10		10	17,5	17,5	52,9	5,8	20,2	2,4	19
QSY-G3/8-12		12	21	21	56,8	5,8	23,4	2,4	19
QSY-G1/2-12	G1/2	12	21	21	60,4	6,8	23,4	2,4	24

Dimensions

Dimensions – Push-in Y-connector QSY Download CAD data www.festo.com

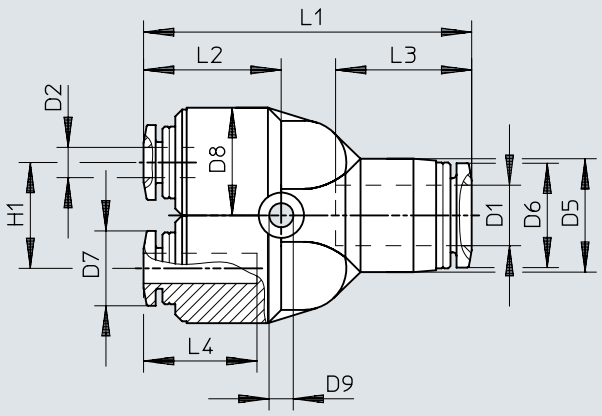


	D1	D2	D5 ø	D8 ø	D9 ø	H1	L1	L2	L3
QSY-4	4	4	10	10	3,2	11	32,8	14,1	14,9
QSY-4-100									
QSY-6	6	6	13	12,5	3,4	12	37,7	15,8	17
QSY-6-100									
QSY-8	8	8	15	14,5	3,4	14	42,4	17,2	18,1
QSY-8-50									
QSY-10	10	10	17,5	17,5	4,2	18	48,4	19,5	20,7
QSY-10-20									
QSY-12	12	12	21	21	4,2	20	54,9	22,3	23,4
QSY-12-20									
QSY-16	16	16	25	25	4,5	24	62,2	22,1	24,1

Dimensions

Dimensions – Push-in Y connector QSY, reducing

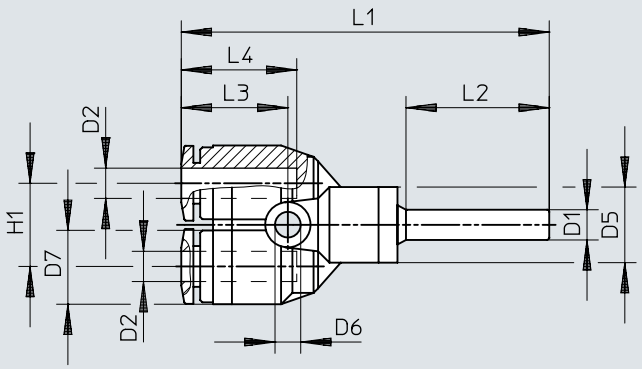
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	D1	D2	D5 ø	D6 ø	D7 ø	D8 ø	D9 ø	H1	L1	L2	L3	L4
QSY-6-4	6	4	13	11,8	9,9	12,5	3,4	12	37,2	15,2	17	14,9
QSY-6-4-100												
QSY-8-4	8	4	14,5	13,8	9,9	12,5	3,4	14	41,9	16,7	18,1	14,9
QSY-8-6		6	14,5	13,8	11,8	12,5	3,4	14	42,5	17,3	18,1	17
QSY-8-6-50												
QSY-10-6	10	6	17,5	16,8	11,8	14,5	4,5	18	48,2	19,3	20,2	17
QSY-10-8		8	17,5	16,8	13,8	14,5	4,5	18	48,1	19,2	20,2	18,1
QSY-10-8-20												
QSY-12-8	12	8	21	19,8	13,8	17,5	4,5	20	54,3	21,7	23,4	18,1
QSY-12-10		10	21	19,8	16,8	17,5	4,5	20	54,6	22	23,4	20,2
QSY-12-10-20												
QSY-16-12	16	12	25	23	19,8	25	4,5	24	62,3	22,2	24,1	23,4

Dimensions

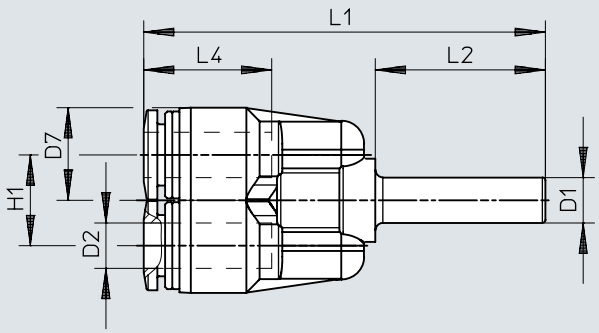
Dimensions – Push-in Y-connector QSY-...H with push-in sleeve Download CAD data www.festo.com



	D1	D2	D5 ø	D6 ø	D7 ø	H1	L1	L2	L3	L4
QSY-4H	QS-4	4	10	3,2	10	11	48,7	19	14,1	14,9
QSY-6H-4	QS-6	4	10	3,2	10	11	50,9	22	14,1	14,9

Dimensions

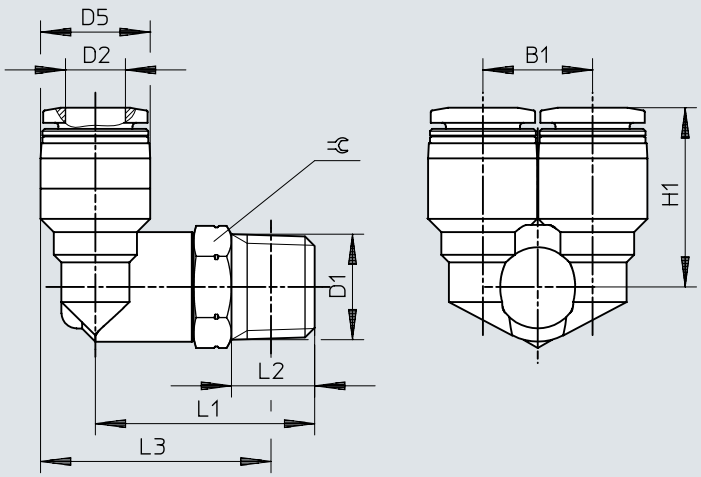
Dimensions – Push-in Y-connector QSY-...H-B with push-in sleeve Download CAD data www.festo.com

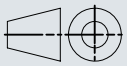


	D1	D2	D7 ø	H1	L1	L2	L4
QSY-6H-B	QS-6	6	12,5	12	53,2	22,5	17
QSY-8H-B	QS-8	8	14,5	14	56,1	23,5	18,1
QSY-10H-B	QS-10	10	17,5	18	63,2	25	20,2
QSY-12H-B	QS-12	12	21	20	71,3	29	23,4
QSY-8H-6-B	QS-8	6	12,5	12	54,2	23,5	17
QSY-10H-8-B	QS-10	8	14,5	14	57,6	25	18,1
QSY-12H-10-B	QS-12	10	17,5	18	67,2	29	20,2

Dimensions

Dimensions – Push-in Y-fitting QSYL, R-thread Download CAD data www.festo.com

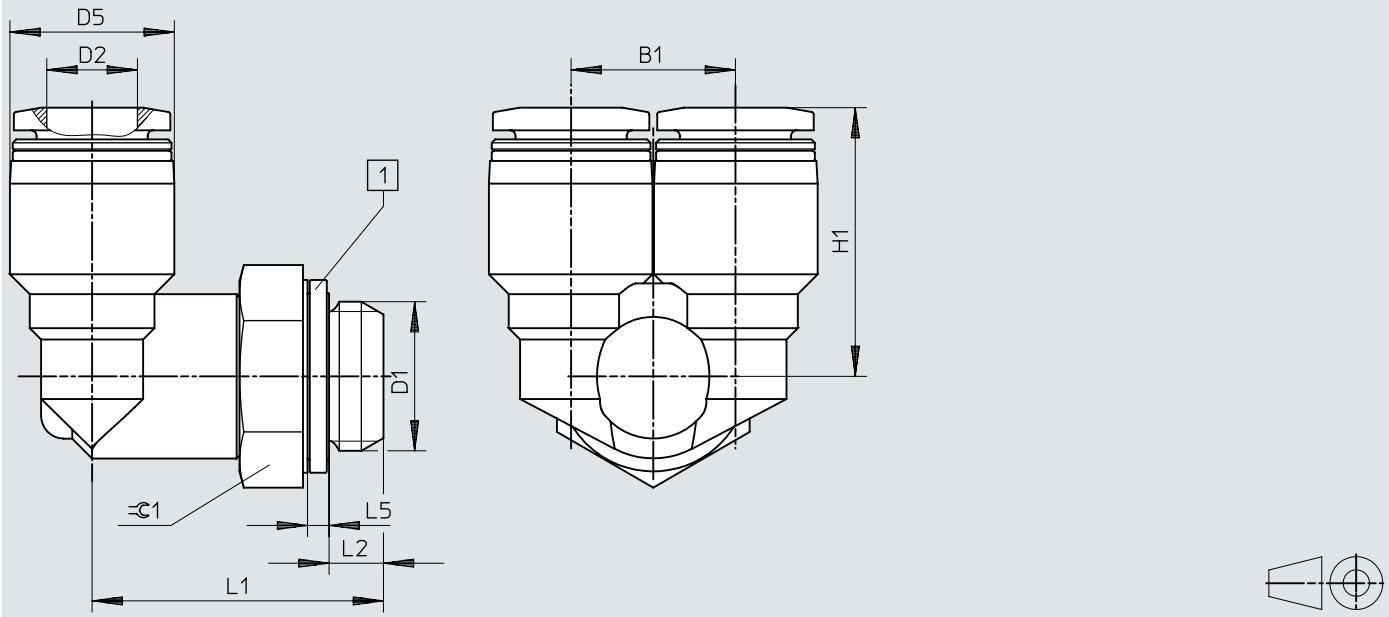




	D1	D2	B1	D5 ø	H1	L1	L2	L3	⫧
QSYL-1/8-4	R1/8	4	10,3	10	18,2	23	8	24	10
QSYL-1/8-6		6	12,5	12,5	19,8	23,5	8	25,8	10
QSYL-1/8-8		8	14,5	14,5	22,7	25	8	28,3	12
QSYL-1/4-6	R1/4	6	12,5	12,5	21,8	29	11	29,2	14
QSYL-1/4-8		8	14,5	14,5	23,7	29	11	30,2	14
QSYL-1/4-10		10	17,5	17,5	26	29,5	11	32,2	14
QSYL-3/8-8	R3/8	8	14,5	14,5	24,7	32	12	32,9	17
QSYL-3/8-10		10	17,5	17,5	27	32,5	12	34,9	17
QSYL-3/8-12		12	21	21	29,2	33,5	12	37,7	17
QSYL-1/2-12	R1/2	12	21	21	30,2	38	15	40,3	21

Dimensions

Dimensions – Push-in Y-fitting QSYL, G-thread with sealing ring Download CAD data www.festo.com

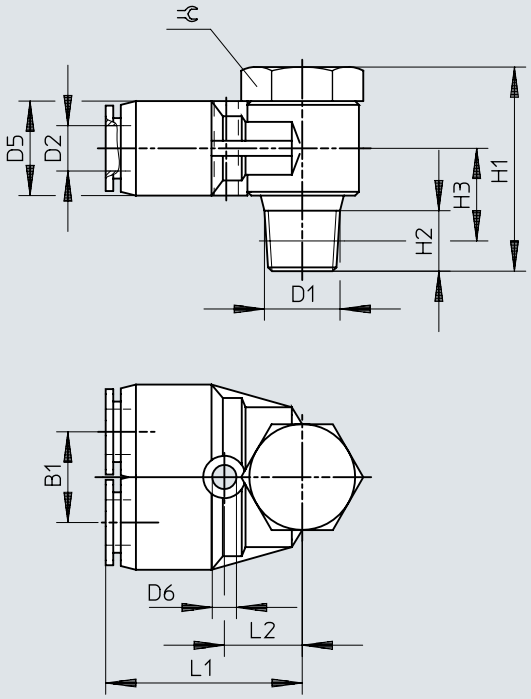


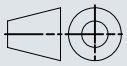
[1] Sealing ring

	D1	D2	B1	D5 ø	H1	L1	L2	L5	⫧
QSYL-G1/8-4	G1/8	4	10,3	10	18,2	22,1	4,2	1,9	13
QSYL-G1/8-6		6	12,5	12,5	19,8	22,6	4,2	1,9	13
QSYL-G1/8-8		8	14,5	14,5	22,7	23,1	4,2	1,9	13
QSYL-G1/4-6	G1/4	6	12,5	12,5	21,8	25,7	4,8	1,9	17
QSYL-G1/4-8		8	14,5	14,5	23,7	25,7	4,8	1,9	17
QSYL-G1/4-10		10	17,5	17,5	26	26,2	4,8	1,9	17
QSYL-G3/8-8	G3/8	8	14,5	14,5	24,7	28,2	5,8	2,4	19
QSYL-G3/8-10		10	17,5	17,5	27	28,7	5,8	2,4	19
QSYL-G3/8-12		12	21	21	29,2	29,7	5,8	2,4	19
QSYL-G1/2-12	G1/2	12	21	21	30,2	33,7	6,8	2,4	24

Dimensions

Dimensions – Push-in Y-fitting QSYLV, R-thread Download CAD data www.festo.com

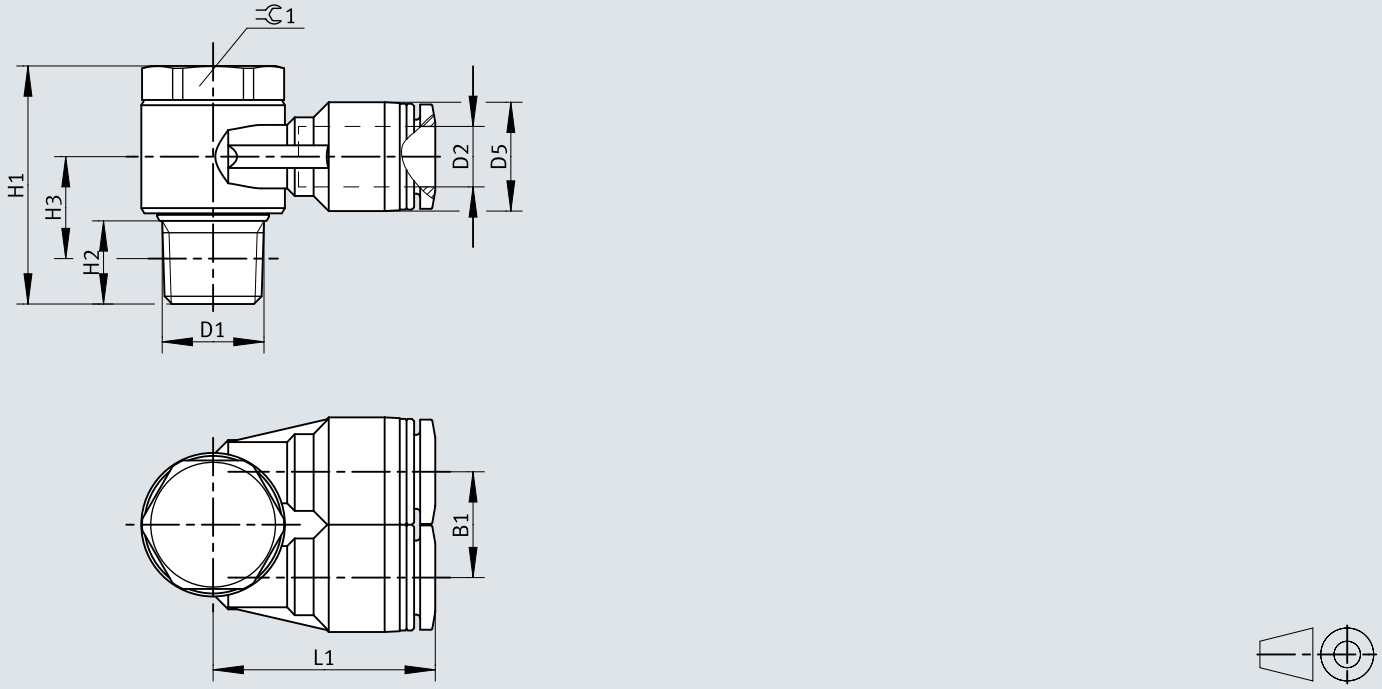




	D1	D2	B1	D5 ø	D6 ø	H1	H2	H3	L1	L2	⫧
QSYLV-1/8-6	R1/8	6	12	12,5	3,2	27	8	11	26	10,5	14
QSYLV-1/4-8	R1/4	8	14	14,5	3,2	31,5	11	12,5	29	12,5	17
QSYLV-3/8-10	R3/8	10	17	17,5	4,2	36	12	14,5	33,5	15	21
QSYLV-1/2-12	R1/2	12	20	21	4,2	40	15	17,5	37,5	17	24

Dimensions

Dimensions – Push-in Y-fitting QSYLV, G-thread with sealing ring Download CAD data www.festo.com



	D1	D2	B1	D5 ø	D6 ø	H1	H2	H3	L1	L2	
QSYLV-G1/8-6	G1/8	6	12	12,4	3,2	26,2	5,1	15,2	27,5	12	17
QSYLV-G1/4-8	G1/4	8	14	14,4	3,2	28,4	5,6	16,4	30,9	14	19
QSYLV-G3/8-10	G3/8	10	17	17,6	4,2	33,4	6,6	19,4	34	15,5	21
QSYLV-G1/2-12	G1/2	12	20	21	4,2	37,4	7,6	21,9	38,9	18,5	27

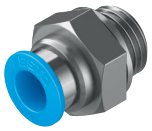
Ordering data

Ordering data – push-in fitting QS, R-thread



Pneumatic connection 1	Pneumatic connection 2	Nominal width	Pack size	Part no.	Type
External thread R1/8	for pneumatic tubing outside diameter 4 mm	3 mm	10	**153001**	**QS-1/8-4**
			100	**130674**	**QS-1/8-4-100**
	for pneumatic tubing outside diameter 6 mm	5 mm	10	**153002**	**QS-1/8-6**
			100	**130675**	**QS-1/8-6-100**
	for pneumatic tubing outside diameter 8 mm	6 mm	10	**153004**	**QS-1/8-8**
			50	**130676**	**QS-1/8-8-50**
	for pneumatic tubing outside diameter 10 mm		10	**190643**	**QS-1/8-10**
External thread R1/4	for pneumatic tubing outside diameter 4 mm	3 mm		**190644**	**QS-1/4-4**
	for pneumatic tubing outside diameter 6 mm	5 mm		**153003**	**QS-1/4-6**
			100	**130677**	**QS-1/4-6-100**
	for pneumatic tubing outside diameter 8 mm	7 mm	10	**153005**	**QS-1/4-8**
			50	**130678**	**QS-1/4-8-50**
	for pneumatic tubing outside diameter 10 mm	8.5 mm	10	**153007**	**QS-1/4-10**
			50	**130679**	**QS-1/4-10-50**
	for pneumatic tubing outside diameter 12 mm		10	**164980**	**QS-1/4-12**
			20	**130680**	**QS-1/4-12-20**
External thread R3/8	for pneumatic tubing outside diameter 6 mm	5 mm	10	**190645**	**QS-3/8-6**
	for pneumatic tubing outside diameter 8 mm	7 mm		**153006**	**QS-3/8-8**
			50	**130681**	**QS-3/8-8-50**
	for pneumatic tubing outside diameter 10 mm	9 mm	10	**153008**	**QS-3/8-10**
			50	**130682**	**QS-3/8-10-50**
	for pneumatic tubing outside diameter 12 mm	11 mm	10	**153009**	**QS-3/8-12**
			20	**130683**	**QS-3/8-12-20**
	for pneumatic tubing outside diameter 16 mm		1	**164957**	**QS-3/8-16**
External thread R1/2	for pneumatic tubing outside diameter 10 mm	9 mm		**190646**	**QS-1/2-10**
			50	**133189**	**QS-1/2-10-50**
	for pneumatic tubing outside diameter 12 mm	11 mm	1	**153010**	**QS-1/2-12**
			20	**130684**	**QS-1/2-12-20**
	for pneumatic tubing outside diameter 16 mm	13 mm	1	**153011**	**QS-1/2-16**
			20	**130685**	**QS-1/2-16-20**

Ordering data – push-in fitting QS, G-thread with sealing ring



Pneumatic connection 1	Pneumatic connection 2	Nominal width	Pack size	Part no.	Type
External thread G1/8	for pneumatic tubing outside diameter 4 mm	3 mm	10	**186095**	**QS-G1/8-4**
			100	**132036**	**QS-G1/8-4-100**
	for pneumatic tubing outside diameter 6 mm	5 mm	10	**186096**	**QS-G1/8-6**
			100	**132037**	**QS-G1/8-6-100**
	for pneumatic tubing outside diameter 8 mm	6 mm	10	**186098**	**QS-G1/8-8**
			50	**132038**	**QS-G1/8-8-50**
External thread G1/4	for pneumatic tubing outside diameter 6 mm	5 mm	10	**186097**	**QS-G1/4-6**
			100	**132039**	**QS-G1/4-6-100**
	for pneumatic tubing outside diameter 8 mm	7 mm	10	**186099**	**QS-G1/4-8**
			50	**132040**	**QS-G1/4-8-50**
	for pneumatic tubing outside diameter 10 mm	8.5 mm	10	**186101**	**QS-G1/4-10**

Ordering data

Ordering data – push-in fitting QS, G-thread with sealing ring



Pneumatic connection 1	Pneumatic connection 2	Nominal width	Pack size	Part no.	Type
External thread G1/4	for pneumatic tubing outside diameter 10 mm	8.5 mm	50	**132041**	**QS-G1/4-10-50**
	for pneumatic tubing outside diameter 12 mm		10	**186350**	**QS-G1/4-12**
			20	**132042**	**QS-G1/4-12-20**
External thread G3/8	for pneumatic tubing outside diameter 8 mm	7 mm	10	**186100**	**QS-G3/8-8**
			50	**132043**	**QS-G3/8-8-50**
	for pneumatic tubing outside diameter 10 mm	9 mm	10	**186102**	**QS-G3/8-10**
			50	**132044**	**QS-G3/8-10-50**
	for pneumatic tubing outside diameter 12 mm	11 mm	10	**186103**	**QS-G3/8-12**
			20	**132045**	**QS-G3/8-12-20**
	for pneumatic tubing outside diameter 16 mm		1	**186347**	**QS-G3/8-16**
External thread G1/2	for pneumatic tubing outside diameter 12 mm			**186104**	**QS-G1/2-12**
			20	**132046**	**QS-G1/2-12-20**
	for pneumatic tubing outside diameter 16 mm	13 mm	1	**186105**	**QS-G1/2-16**
			20	**132047**	**QS-G1/2-16-20**
External thread G3/4	for pneumatic tubing outside diameter 22 mm	20 mm	1	**8040613**	**QS-G3/4-22**

Ordering data – push-in fitting QS-...-I, R-thread



Pneumatic connection 1	Pneumatic connection 2	Nominal width	Pack size	Part no.	Type
External thread R1/8	for pneumatic tubing outside diameter 4 mm	2.6 mm	10	**153012**	**QS-1/8-4-I**
			100	**133191**	**QS-1/8-4-I-100**
	for pneumatic tubing outside diameter 6 mm	4.2 mm	10	**153013**	**QS-1/8-6-I**
			100	**133186**	**QS-1/8-6-I-100**
	for pneumatic tubing outside diameter 8 mm	5.3 mm	10	**153015**	**QS-1/8-8-I**
			50	**133187**	**QS-1/8-8-I-50**
	for pneumatic tubing outside diameter 10 mm		10	**190647**	**QS-1/8-10-I**
External thread R1/4	for pneumatic tubing outside diameter 6 mm	4.2 mm		**153014**	**QS-1/4-6-I**
			100	**133193**	**QS-1/4-6-I-100**
	for pneumatic tubing outside diameter 8 mm	6.3 mm	10	**153016**	**QS-1/4-8-I**
			50	**133190**	**QS-1/4-8-I-50**
	for pneumatic tubing outside diameter 10 mm		10	**153018**	**QS-1/4-10-I**
			50	**133188**	**QS-1/4-10-I-50**
	for pneumatic tubing outside diameter 12 mm		10	**190649**	**QS-1/4-12-I**
External thread R3/8	for pneumatic tubing outside diameter 8 mm			**153017**	**QS-3/8-8-I**
	for pneumatic tubing outside diameter 10 mm			**153019**	**QS-3/8-10-I**
	for pneumatic tubing outside diameter 12 mm	8.4 mm		**153020**	**QS-3/8-12-I**
External thread R1/2	for pneumatic tubing outside diameter 10 mm	6.3 mm	1	**190648**	**QS-1/2-10-I**
	for pneumatic tubing outside diameter 12 mm	8.4 mm		**153021**	**QS-1/2-12-I**

Ordering data

Ordering data – push-in fitting QS-...-I, G-thread with sealing ring



Pneumatic connection 1	Pneumatic connection 2	Nominal width	Pack size	Part no.	Type
External thread G1/8	for pneumatic tubing outside diameter 4 mm	2.6 mm	10	**186106**	**QS-G1/8-4-I**
			100	**133008**	**QS-G1/8-4-I-100**
	for pneumatic tubing outside diameter 6 mm	4.2 mm	10	**186107**	**QS-G1/8-6-I**
			100	**133009**	**QS-G1/8-6-I-100**
	for pneumatic tubing outside diameter 8 mm	5.3 mm	10	**186109**	**QS-G1/8-8-I**
			100	**133010**	**QS-G1/8-8-I-100**
	for pneumatic tubing outside diameter 10 mm		10	**132999**	**QS-G1/8-10-I**
			100	**133000**	**QS-G1/8-10-I-100**
External thread G1/4	for pneumatic tubing outside diameter 6 mm	4.2 mm	10	**186108**	**QS-G1/4-6-I**
	for pneumatic tubing outside diameter 8 mm	6.3 mm		**186110**	**QS-G1/4-8-I**
	for pneumatic tubing outside diameter 10 mm	7.3 mm		**186112**	**QS-G1/4-10-I**
External thread G3/8	for pneumatic tubing outside diameter 8 mm	6.3 mm		**186111**	**QS-G3/8-8-I**
	for pneumatic tubing outside diameter 10 mm	7.3 mm		**186113**	**QS-G3/8-10-I**
	for pneumatic tubing outside diameter 12 mm	8.4 mm		**186114**	**QS-G3/8-12-I**
External thread G1/2			1	**186115**	**QS-G1/2-12-I**

Ordering data – push-in fitting QSF, G-thread



Pneumatic connection 1	Pneumatic connection 2	Nominal width	Pack size	Part no.	Type
Internal thread G1/8	for pneumatic tubing outside diameter 4 mm	3 mm	10	**153022**	**QSF-1/8-4-B**
			100	**130709**	**QSF-1/8-4-B-100**
	for pneumatic tubing outside diameter 6 mm	5 mm	10	**153023**	**QSF-1/8-6-B**
			100	**130710**	**QSF-1/8-6-B-100**
	for pneumatic tubing outside diameter 8 mm	7 mm	10	**153025**	**QSF-1/8-8-B**
			50	**130711**	**QSF-1/8-8-B-50**
Internal thread G1/4	for pneumatic tubing outside diameter 4 mm	3 mm	10	**190650**	**QSF-1/4-4-B**
	for pneumatic tubing outside diameter 6 mm	5 mm		**153024**	**QSF-1/4-6-B**
			100	**130712**	**QSF-1/4-6-B-100**
	for pneumatic tubing outside diameter 8 mm	7 mm	10	**153026**	**QSF-1/4-8-B**
			50	**130713**	**QSF-1/4-8-B-50**
	for pneumatic tubing outside diameter 10 mm	9 mm	10	**153028**	**QSF-1/4-10-B**
			50	**130714**	**QSF-1/4-10-B-50**
	for pneumatic tubing outside diameter 12 mm	11 mm	10	**190651**	**QSF-1/4-12-B**
Internal thread G3/8	for pneumatic tubing outside diameter 6 mm	5 mm		**190652**	**QSF-3/8-6-B**
	for pneumatic tubing outside diameter 8 mm	7 mm		**153027**	**QSF-3/8-8-B**
			50	**130715**	**QSF-3/8-8-B-50**
	for pneumatic tubing outside diameter 10 mm	9 mm	10	**153029**	**QSF-3/8-10-B**
			50	**130716**	**QSF-3/8-10-B-50**
	for pneumatic tubing outside diameter 12 mm	11 mm	10	**153030**	**QSF-3/8-12-B**
			20	**130717**	**QSF-3/8-12-B-20**
Internal thread G1/2			1	**190653**	**QSF-1/2-12-B**
	for pneumatic tubing outside diameter 16 mm	15 mm		**190654**	**QSF-1/2-16-B**

Ordering data

Ordering data – push-in connector QS



Pneumatic connection 1	Pneumatic connection 2	Nominal width	Pack size	Part no.	Type
for pneumatic tubing outside diameter 4 mm	for pneumatic tubing outside diameter 4 mm	2.8 mm	10	**153031**	**QS-4**
			100	**130686**	**QS-4-100**
For pneumatic tubing outside diameter 6 mm	for pneumatic tubing outside diameter 6 mm	4.3 mm	10	**153032**	**QS-6**
			100	**130687**	**QS-6-100**
for pneumatic tubing outside diameter 8 mm	for pneumatic tubing outside diameter 8 mm	7 mm	10	**153033**	**QS-8**
			50	**130688**	**QS-8-50**
for pneumatic tubing outside diameter 10 mm	for pneumatic tubing outside diameter 10 mm	9 mm	10	**153034**	**QS-10**
			50	**130689**	**QS-10-50**
for pneumatic tubing outside diameter 12 mm	for pneumatic tubing outside diameter 12 mm	11 mm	10	**153035**	**QS-12**
			20	**130690**	**QS-12-20**
for pneumatic tubing outside diameter 16 mm	for pneumatic tubing outside diameter 16 mm	13 mm	1	**153036**	**QS-16**
			20	**133195**	**QS-16-20**

Ordering data – push-in connector QS, reducing



Pneumatic connection 1	Pneumatic connection 2	Nominal width	Pack size	Part no.	Type
For pneumatic tubing outside diameter 6 mm	for pneumatic tubing outside diameter 4 mm	2.8 mm	10	**153037**	**QS-6-4**
			100	**130691**	**QS-6-4-100**
for pneumatic tubing outside diameter 8 mm			10	**130606**	**QS-8-4**
	for pneumatic tubing outside diameter 6 mm	4.3 mm		**153038**	**QS-8-6**
			50	**130692**	**QS-8-6-50**
for pneumatic tubing outside diameter 10 mm			10	**130607**	**QS-10-6**
	for pneumatic tubing outside diameter 8 mm	6.5 mm		**153039**	**QS-10-8**
			50	**130693**	**QS-10-8-50**
for pneumatic tubing outside diameter 12 mm		6.2 mm	10	**130608**	**QS-12-8**
	for pneumatic tubing outside diameter 10 mm	9 mm		**153040**	**QS-12-10**
			20	**130694**	**QS-12-10-20**

Ordering data – push-in bulkhead connector QSS



Pneumatic connection 1	Pneumatic connection 2	Nominal width	Pack size	Part no.	Type
for pneumatic tubing outside diameter 4 mm	for pneumatic tubing outside diameter 4 mm	3 mm	10	**153157**	**QSS-4**
			100	**130788**	**QSS-4-100**
For pneumatic tubing outside diameter 6 mm	for pneumatic tubing outside diameter 6 mm	5 mm	10	**153158**	**QSS-6**
			100	**130789**	**QSS-6-100**
for pneumatic tubing outside diameter 8 mm	for pneumatic tubing outside diameter 8 mm	7 mm	10	**153159**	**QSS-8**
			50	**130790**	**QSS-8-50**
for pneumatic tubing outside diameter 10 mm	for pneumatic tubing outside diameter 10 mm	9 mm	10	**153160**	**QSS-10**
			50	**130791**	**QSS-10-50**
for pneumatic tubing outside diameter 12 mm	for pneumatic tubing outside diameter 12 mm	11 mm	10	**153161**	**QSS-12**
			20	**130792**	**QSS-12-20**

Ordering data

Ordering data – push-in bulkhead connector QSS-...-F, with fixed collar



Pneumatic connection 1	Pneumatic connection 2	Nominal width	Pack size	Part no.	Type
for pneumatic tubing outside diameter 4 mm	for pneumatic tubing outside diameter 4 mm	2.6 mm	10	**193950**	**QSS-4-F**
For pneumatic tubing outside diameter 6 mm	for pneumatic tubing outside diameter 6 mm	4 mm		**193951**	**QSS-6-F**
for pneumatic tubing outside diameter 8 mm	for pneumatic tubing outside diameter 8 mm	5.5 mm		**130642**	**QSS-8-F**
for pneumatic tubing outside diameter 10 mm	for pneumatic tubing outside diameter 10 mm	6.5 mm		**130643**	**QSS-10-F**
for pneumatic tubing outside diameter 12 mm	for pneumatic tubing outside diameter 12 mm	7.5 mm		**130644**	**QSS-12-F**

Ordering data – bulkhead push-in fitting QSSF



Pneumatic connection 1	Pneumatic connection 2	Nominal width	Pack size	Part no.	Type
Internal thread G1/8	for pneumatic tubing outside diameter 4 mm	3 mm	10	**153162**	**QSSF-1/8-4-B**
	for pneumatic tubing outside diameter 6 mm	5 mm		**153163**	**QSSF-1/8-6-B**
	for pneumatic tubing outside diameter 8 mm	7 mm		**153165**	**QSSF-1/8-8-B**
Internal thread G1/4	for pneumatic tubing outside diameter 4 mm	3 mm		**190655**	**QSSF-1/4-4-B**
	for pneumatic tubing outside diameter 6 mm	5 mm		**153164**	**QSSF-1/4-6-B**
	for pneumatic tubing outside diameter 8 mm	7 mm		**153166**	**QSSF-1/4-8-B**
	for pneumatic tubing outside diameter 10 mm	9 mm		**153168**	**QSSF-1/4-10-B**
Internal thread G3/8	for pneumatic tubing outside diameter 6 mm	5 mm		**190656**	**QSSF-3/8-6-B**
	for pneumatic tubing outside diameter 8 mm	7 mm		**153167**	**QSSF-3/8-8-B**
	for pneumatic tubing outside diameter 10 mm	9 mm		**153169**	**QSSF-3/8-10-B**
	for pneumatic tubing outside diameter 12 mm	11 mm		**153170**	**QSSF-3/8-12-B**
Internal thread G1/2			1	**153171**	**QSSF-1/2-12-B**
	for pneumatic tubing outside diameter 16 mm	15 mm		**190657**	**QSSF-1/2-16-B**

Ordering data

Ordering data – push-in cap QSC



Pneumatic connection 1	Product weight	Pack size	Part no.	Type
for pneumatic tubing outside diameter 4 mm	2.4 g	10	**153262**	**QSC-4**
		100	**130704**	**QSC-4-100**
For pneumatic tubing outside diameter 6 mm	3.3 g	10	**153263**	**QSC-6**
		100	**130705**	**QSC-6-100**
for pneumatic tubing outside diameter 8 mm	4.7 g	10	**153264**	**QSC-8**
		50	**130706**	**QSC-8-50**
for pneumatic tubing outside diameter 10 mm	7.8 g	10	**153265**	**QSC-10**
		50	**130707**	**QSC-10-50**
for pneumatic tubing outside diameter 12 mm	12 g	10	**153266**	**QSC-12**
		20	**130708**	**QSC-12-20**

Ordering data – push-in connector QS-...H



Pneumatic connection 1	Pneumatic connection 2	Nominal width	Pack size	Part no.	Type
Push-in sleeve Ø 6 mm	for pneumatic tubing outside diameter 4 mm	2.5 mm	10	**153041**	**QS-6H-4**
			100	**130695**	**QS-6H-4-100**
Push-in sleeve Ø 8 mm		2.4 mm	10	**130622**	**QS-8H-4**
	for pneumatic tubing outside diameter 6 mm	3.8 mm		**153042**	**QS-8H-6**
			50	**130696**	**QS-8H-6-50**
Push-in sleeve Ø 10 mm			10	**130623**	**QS-10H-6**
	for pneumatic tubing outside diameter 8 mm	5.4 mm		**153043**	**QS-10H-8**
			50	**130697**	**QS-10H-8-50**
Push-in sleeve Ø 12 mm	for pneumatic tubing outside diameter 6 mm	3.7 mm	10	**132981**	**QS-12H-6**
	for pneumatic tubing outside diameter 8 mm	5.4 mm		**130624**	**QS-12H-8**
	for pneumatic tubing outside diameter 10 mm	6.3 mm		**153044**	**QS-12H-10**
			20	**130698**	**QS-12H-10-20**

Ordering data – push-in sleeve QSH



Pneumatic connection 1	Pneumatic connection 2	Nominal width	Pack size	Part no.	Type
Push-in sleeve Ø 4 mm	Push-in sleeve Ø 4 mm	2.5 mm	10	**153251**	**QSH-4**
			100	**130723**	**QSH-4-100**
Push-in sleeve Ø 6 mm	Push-in sleeve Ø 6 mm	4 mm	10	**153252**	**QSH-6**
			100	**130724**	**QSH-6-100**
Push-in sleeve Ø 8 mm	Push-in sleeve Ø 8 mm	6 mm	10	**153253**	**QSH-8**
			50	**130725**	**QSH-8-50**
Push-in sleeve Ø 10 mm	Push-in sleeve Ø 10 mm	7.5 mm	10	**153254**	**QSH-10**
			50	**130726**	**QSH-10-50**
Push-in sleeve Ø 12 mm	Push-in sleeve Ø 12 mm	9 mm	10	**153255**	**QSH-12**
			20	**130727**	**QSH-12-20**
Push-in sleeve Ø 16 mm	Push-in sleeve Ø 16 mm	11 mm	1	**153256**	**QSH-16**

Ordering data

Ordering data – push-in sleeve QSH, reducing



Pneumatic connection 1	Pneumatic connection 2	Nominal width	Pack size	Part no.	Type
Push-in sleeve Ø 6 mm	Push-in sleeve Ø 4 mm	2.3 mm	10	**153257**	**QSH-6-4**
			100	**130718**	**QSH-6-4-100**
Push-in sleeve Ø 8 mm			10	**130625**	**QSH-8-4**
	Push-in sleeve Ø 6 mm	3.8 mm		**153258**	**QSH-8-6**
			50	**130719**	**QSH-8-6-50**
Push-in sleeve Ø 10 mm			10	**130626**	**QSH-10-6**
	Push-in sleeve Ø 8 mm	4.9 mm		**153259**	**QSH-10-8**
			50	**130720**	**QSH-10-8-50**
Push-in sleeve Ø 12 mm			10	**130627**	**QSH-12-8**
	Push-in sleeve Ø 10 mm	7.1 mm		**153260**	**QSH-12-10**
			20	**130721**	**QSH-12-10-20**
Push-in sleeve Ø 16 mm	Push-in sleeve Ø 12 mm	7.8 mm	1	**153261**	**QSH-16-12**
			20	**130722**	**QSH-16-12-20**

Ordering data – blanking plug QSC-...H



Pneumatic connection 1	Pack size	Part no.	Type
Push-in sleeve Ø 4 mm	10	**153267**	**QSC-4H**
	100	**130699**	**QSC-4H-100**
Push-in sleeve Ø 6 mm	10	**153268**	**QSC-6H**
	100	**130700**	**QSC-6H-100**
Push-in sleeve Ø 8 mm	10	**153269**	**QSC-8H**
	50	**130701**	**QSC-8H-50**
Push-in sleeve Ø 10 mm	10	**153270**	**QSC-10H**
	50	**130702**	**QSC-10H-50**
Push-in sleeve Ø 12 mm	10	**153271**	**QSC-12H**
	20	**130703**	**QSC-12H-20**
Push-in sleeve Ø 16 mm	1	**153272**	**QSC-16H**

Ordering data – push-in L-fitting QSL, R-thread



Pneumatic connection 1	Pneumatic connection 2	Nominal width	Pack size	Part no.	Type
External thread R1/8	for pneumatic tubing outside diameter 4 mm	2.8 mm	10	**153045**	**QSL-1/8-4**
			100	**130728**	**QSL-1/8-4-100**
	for pneumatic tubing outside diameter 6 mm	4.2 mm	10	**153046**	**QSL-1/8-6**
			100	**130729**	**QSL-1/8-6-100**
	for pneumatic tubing outside diameter 8 mm	6 mm	10	**153048**	**QSL-1/8-8**
			50	**130730**	**QSL-1/8-8-50**
	for pneumatic tubing outside diameter 10 mm		10	**190658**	**QSL-1/8-10**
External thread R1/4	for pneumatic tubing outside diameter 4 mm	2.8 mm		**190659**	**QSL-1/4-4**
	for pneumatic tubing outside diameter 6 mm	4.3 mm		**153047**	**QSL-1/4-6**
			100	**130731**	**QSL-1/4-6-100**
	for pneumatic tubing outside diameter 8 mm	6.7 mm	10	**153049**	**QSL-1/4-8**

Ordering data

Ordering data – push-in L-fitting QSL, R-thread



Pneumatic connection 1	Pneumatic connection 2	Nominal width	Pack size	Part no.	Type
External thread R1/4	for pneumatic tubing outside diameter 8 mm	6.7 mm	50	**130732**	**QSL-1/4-8-50**
	for pneumatic tubing outside diameter 10 mm	8 mm	10	**153051**	**QSL-1/4-10**
			50	**130733**	**QSL-1/4-10-50**
	for pneumatic tubing outside diameter 12 mm		10	**164981**	**QSL-1/4-12**
			20	**130734**	**QSL-1/4-12-20**
External thread R3/8	for pneumatic tubing outside diameter 6 mm	4.3 mm	10	**190660**	**QSL-3/8-6**
	for pneumatic tubing outside diameter 8 mm	6.7 mm		**153050**	**QSL-3/8-8**
			50	**130735**	**QSL-3/8-8-50**
	for pneumatic tubing outside diameter 10 mm	8.3 mm	10	**153052**	**QSL-3/8-10**
			20	**130736**	**QSL-3/8-10-20**
	for pneumatic tubing outside diameter 12 mm	10 mm	10	**153053**	**QSL-3/8-12**
			20	**130737**	**QSL-3/8-12-20**
	for pneumatic tubing outside diameter 16 mm	11 mm	1	**164958**	**QSL-3/8-16**
External thread R1/2	for pneumatic tubing outside diameter 10 mm	8.3 mm		**190661**	**QSL-1/2-10**
			50	**133192**	**QSL-1/2-10-50**
	for pneumatic tubing outside diameter 12 mm	10.3 mm	1	**153054**	**QSL-1/2-12**
			20	**130738**	**QSL-1/2-12-20**
	for pneumatic tubing outside diameter 16 mm	13 mm	1	**153055**	**QSL-1/2-16**
			20	**130739**	**QSL-1/2-16-20**

Ordering data – push-in L-fitting QSL, G-thread with sealing ring



Pneumatic connection 1	Pneumatic connection 2	Nominal width	Pack size	Part no.	Type
External thread G1/8	for pneumatic tubing outside diameter 4 mm	2.8 mm	10	**186116**	**QSL-G1/8-4**
			100	**132048**	**QSL-G1/8-4-100**
	for pneumatic tubing outside diameter 6 mm	4.2 mm	10	**186117**	**QSL-G1/8-6**
			100	**132049**	**QSL-G1/8-6-100**
	for pneumatic tubing outside diameter 8 mm	6 mm	10	**186119**	**QSL-G1/8-8**
			50	**132050**	**QSL-G1/8-8-50**
External thread G1/4	for pneumatic tubing outside diameter 6 mm	4.3 mm	10	**186118**	**QSL-G1/4-6**
			100	**132051**	**QSL-G1/4-6-100**
	for pneumatic tubing outside diameter 8 mm	6.7 mm	10	**186120**	**QSL-G1/4-8**
			50	**132052**	**QSL-G1/4-8-50**
	for pneumatic tubing outside diameter 10 mm	8 mm	10	**186122**	**QSL-G1/4-10**
			50	**132053**	**QSL-G1/4-10-50**
	for pneumatic tubing outside diameter 12 mm		10	**186351**	**QSL-G1/4-12**
			20	**132054**	**QSL-G1/4-12-20**
External thread G3/8	for pneumatic tubing outside diameter 8 mm	6.7 mm	10	**186121**	**QSL-G3/8-8**
			50	**132055**	**QSL-G3/8-8-50**
	for pneumatic tubing outside diameter 10 mm	8.3 mm	10	**186123**	**QSL-G3/8-10**
			20	**132056**	**QSL-G3/8-10-20**
	for pneumatic tubing outside diameter 12 mm	10 mm	10	**186124**	**QSL-G3/8-12**
			20	**132057**	**QSL-G3/8-12-20**
	for pneumatic tubing outside diameter 16 mm	11 mm	1	**186348**	**QSL-G3/8-16**
External thread G1/2	for pneumatic tubing outside diameter 12 mm	10.3 mm		**186125**	**QSL-G1/2-12**
			20	**132058**	**QSL-G1/2-12-20**
	for pneumatic tubing outside diameter 16 mm	13 mm	1	**186126**	**QSL-G1/2-16**
			20	**132059**	**QSL-G1/2-16-20**

Ordering data

Ordering data – push-in L-fitting, long QSLL, R-thread



Pneumatic connection 1	Pneumatic connection 2	Nominal width	Pack size	Part no.	Type
External thread R1/8	for pneumatic tubing outside diameter 4 mm	2.8 mm	10	**153076**	**QSLL-1/8-4**
	for pneumatic tubing outside diameter 6 mm	4.3 mm		**153077**	**QSLL-1/8-6**
	for pneumatic tubing outside diameter 8 mm	6 mm		**153079**	**QSLL-1/8-8**
External thread R1/4	for pneumatic tubing outside diameter 4 mm	2.8 mm		**190662**	**QSLL-1/4-4**
	for pneumatic tubing outside diameter 6 mm	4.3 mm		**153078**	**QSLL-1/4-6**
	for pneumatic tubing outside diameter 8 mm	6.7 mm		**153080**	**QSLL-1/4-8**
	for pneumatic tubing outside diameter 10 mm	8 mm		**153082**	**QSLL-1/4-10**
External thread R3/8	for pneumatic tubing outside diameter 6 mm	4.3 mm		**190663**	**QSLL-3/8-6**
	for pneumatic tubing outside diameter 8 mm	6.7 mm		**153081**	**QSLL-3/8-8**
	for pneumatic tubing outside diameter 10 mm	8.3 mm		**153083**	**QSLL-3/8-10**
	for pneumatic tubing outside diameter 12 mm	10 mm		**153084**	**QSLL-3/8-12**
External thread R1/2	for pneumatic tubing outside diameter 10 mm	8.3 mm	1	**190664**	**QSLL-1/2-10**
	for pneumatic tubing outside diameter 12 mm	10.3 mm		**153085**	**QSLL-1/2-12**

Ordering data – push-in L-fitting, long QSLL, G-thread with sealing ring



Pneumatic connection 1	Pneumatic connection 2	Nominal width	Pack size	Part no.	Type
External thread G1/8	for pneumatic tubing outside diameter 4 mm	2.8 mm	10	**186127**	**QSLL-G1/8-4**
			100	**133015**	**QSLL-G1/8-4-100**
	for pneumatic tubing outside diameter 6 mm	4.3 mm	10	**186128**	**QSLL-G1/8-6**
			100	**133016**	**QSLL-G1/8-6-100**
	for pneumatic tubing outside diameter 8 mm	6 mm	10	**186130**	**QSLL-G1/8-8**
			100	**133017**	**QSLL-G1/8-8-100**
External thread G1/4	for pneumatic tubing outside diameter 6 mm	4.3 mm	10	**186129**	**QSLL-G1/4-6**
	for pneumatic tubing outside diameter 8 mm	6.7 mm		**186131**	**QSLL-G1/4-8**
	for pneumatic tubing outside diameter 10 mm	8 mm		**186133**	**QSLL-G1/4-10**
	for pneumatic tubing outside diameter 12 mm		1	**132596**	**QSLL-G1/4-12**
External thread G3/8	for pneumatic tubing outside diameter 8 mm	6.7 mm	10	**186132**	**QSLL-G3/8-8**
	for pneumatic tubing outside diameter 10 mm	8.3 mm		**186134**	**QSLL-G3/8-10**
	for pneumatic tubing outside diameter 12 mm	10 mm		**186135**	**QSLL-G3/8-12**
External thread G1/2		10.3 mm	1	**186136**	**QSLL-G1/2-12**
	for pneumatic tubing outside diameter 16 mm	13 mm		**190665**	**QSLL-G1/2-16**

Ordering data

Ordering data – push-in L-fitting QSLF, G-thread



Pneumatic connection 1	Pneumatic connection 2	Nominal width	Pack size	Part no.	Type
Internal thread G1/8	for pneumatic tubing outside diameter 4 mm	2.8 mm	10	**153273**	**QSLF-1/8-4-B**
	for pneumatic tubing outside diameter 6 mm	4.2 mm		**153274**	**QSLF-1/8-6-B**
	for pneumatic tubing outside diameter 8 mm	6 mm		**153276**	**QSLF-1/8-8-B**
Internal thread G1/4	for pneumatic tubing outside diameter 6 mm	4.3 mm		**153275**	**QSLF-1/4-6-B**
	for pneumatic tubing outside diameter 8 mm	6.7 mm		**153277**	**QSLF-1/4-8-B**
	for pneumatic tubing outside diameter 10 mm	8 mm		**153279**	**QSLF-1/4-10-B**
Internal thread G3/8	for pneumatic tubing outside diameter 8 mm	6.7 mm		**153278**	**QSLF-3/8-8-B**
	for pneumatic tubing outside diameter 10 mm	8.3 mm		**153280**	**QSLF-3/8-10-B**

Ordering data – push-in L-fitting QSLV-...-I, R-thread



Pneumatic connection 1	Pneumatic connection 2	Nominal width	Pack size	Part no.	Type
External thread R1/8	for pneumatic tubing outside diameter 6 mm	3 mm	10	**153097**	**QSLV-1/8-6-I**
	for pneumatic tubing outside diameter 8 mm	4.2 mm		**153099**	**QSLV-1/8-8-I**
External thread R1/4	for pneumatic tubing outside diameter 6 mm	3.1 mm		**153098**	**QSLV-1/4-6-I**
	for pneumatic tubing outside diameter 8 mm	4 mm		**153100**	**QSLV-1/4-8-I**
	for pneumatic tubing outside diameter 10 mm	5.4 mm		**153102**	**QSLV-1/4-10-I**
External thread R3/8	for pneumatic tubing outside diameter 8 mm	4.2 mm		**153101**	**QSLV-3/8-8-I**
	for pneumatic tubing outside diameter 10 mm	5.4 mm		**153103**	**QSLV-3/8-10-I**
	for pneumatic tubing outside diameter 12 mm	6.9 mm		**153104**	**QSLV-3/8-12-I**
External thread R1/2		6.4 mm	1	**153105**	**QSLV-1/2-12-I**

Ordering data – push-in L-fitting QSLV-...-I, G-thread



Pneumatic connection 1	Pneumatic connection 2	Nominal width	Pack size	Part no.	Type
External thread G1/8	for pneumatic tubing outside diameter 6 mm	3 mm	10	**186148**	**QSLV-G1/8-6-I**
	for pneumatic tubing outside diameter 8 mm	4.2 mm		**186150**	**QSLV-G1/8-8-I**
External thread G1/4	for pneumatic tubing outside diameter 6 mm	3.1 mm		**186149**	**QSLV-G1/4-6-I**

Ordering data

Ordering data – push-in L-fitting QSLV-...-I, G-thread



Pneumatic connection 1	Pneumatic connection 2	Nominal width	Pack size	Part no.	Type
External thread G1/4	for pneumatic tubing outside diameter 8 mm	4 mm	10	**186151**	**QSLV-G1/4-8-I**
	for pneumatic tubing outside diameter 10 mm	5.4 mm		**186153**	**QSLV-G1/4-10-I**
External thread G3/8	for pneumatic tubing outside diameter 8 mm	4.2 mm		**186152**	**QSLV-G3/8-8-I**
	for pneumatic tubing outside diameter 10 mm	5.4 mm		**186154**	**QSLV-G3/8-10-I**
	for pneumatic tubing outside diameter 12 mm	6.9 mm		**186155**	**QSLV-G3/8-12-I**
External thread G1/2		6.4 mm	1	**186156**	**QSLV-G1/2-12-I**

Ordering data – push-in L-fitting QSLV, metric thread with sealing ring



Pneumatic connection 1	Pneumatic connection 2	Nominal width	Pack size	Part no.	Type
External thread M5	for pneumatic tubing outside diameter 6 mm	1.8 mm	10	**190666**	**QSLV-M5-6**

Ordering data – push-in L-fitting QSLV, R-thread



Pneumatic connection 1	Pneumatic connection 2	Nominal width	Pack size	Part no.	Type
External thread R1/8	for pneumatic tubing outside diameter 4 mm	2.4 mm	100	**130749**	**QSLV-1/8-4-100**
		2.8 mm	10	**153086**	**QSLV-1/8-4**
	for pneumatic tubing outside diameter 6 mm	3.7 mm	100	**130750**	**QSLV-1/8-6-100**
		4.6 mm	10	**153087**	**QSLV-1/8-6**
	for pneumatic tubing outside diameter 8 mm	4.4 mm	50	**130751**	**QSLV-1/8-8-50**
		5.5 mm	10	**153089**	**QSLV-1/8-8**
External thread R1/4	for pneumatic tubing outside diameter 6 mm	3.8 mm	100	**130752**	**QSLV-1/4-6-100**
		4.3 mm	10	**153088**	**QSLV-1/4-6**
	for pneumatic tubing outside diameter 8 mm	5 mm	50	**130753**	**QSLV-1/4-8-50**
		6 mm	10	**153090**	**QSLV-1/4-8**
	for pneumatic tubing outside diameter 10 mm	5.4 mm	50	**130754**	**QSLV-1/4-10-50**
		7.1 mm	10	**153092**	**QSLV-1/4-10**
External thread R3/8	for pneumatic tubing outside diameter 8 mm	6 mm		**153091**	**QSLV-3/8-8**
	for pneumatic tubing outside diameter 10 mm	8 mm		**153093**	**QSLV-3/8-10**
	for pneumatic tubing outside diameter 12 mm	9.3 mm		**153094**	**QSLV-3/8-12**
External thread R1/2		10 mm	1	**153095**	**QSLV-1/2-12**
	for pneumatic tubing outside diameter 16 mm	13 mm		**153096**	**QSLV-1/2-16**

Ordering data

Ordering data – push-in L-fitting QSLV, G-thread with sealing ring



Pneumatic connection 1	Pneumatic connection 2	Nominal width	Pack size	Part no.	Type
External thread G1/8	for pneumatic tubing outside diameter 4 mm	3 mm	10	**186137**	**QSLV-G1/8-4**
			100	**132060**	**QSLV-G1/8-4-100**
	for pneumatic tubing outside diameter 6 mm	4 mm	10	**186138**	**QSLV-G1/8-6**
			100	**132061**	**QSLV-G1/8-6-100**
	for pneumatic tubing outside diameter 8 mm	5.6 mm	10	**186140**	**QSLV-G1/8-8**
			50	**132062**	**QSLV-G1/8-8-50**
External thread G1/4	for pneumatic tubing outside diameter 6 mm	5 mm	10	**186139**	**QSLV-G1/4-6**
			100	**132063**	**QSLV-G1/4-6-100**
	for pneumatic tubing outside diameter 8 mm	6 mm	10	**186141**	**QSLV-G1/4-8**
			50	**132064**	**QSLV-G1/4-8-50**
	for pneumatic tubing outside diameter 10 mm	7 mm	10	**186143**	**QSLV-G1/4-10**
			50	**132065**	**QSLV-G1/4-10-50**
External thread G3/8	for pneumatic tubing outside diameter 8 mm	6 mm	10	**186142**	**QSLV-G3/8-8**
	for pneumatic tubing outside diameter 10 mm	8 mm		**186144**	**QSLV-G3/8-10**
	for pneumatic tubing outside diameter 12 mm	8.7 mm		**186145**	**QSLV-G3/8-12**
External thread G1/2			1	**186146**	**QSLV-G1/2-12**
	for pneumatic tubing outside diameter 16 mm	13 mm		**186147**	**QSLV-G1/2-16**

Ordering data – push-in L-connector QSL



Pneumatic connection 1	Pneumatic connection 2	Nominal width	Pack size	Part no.	Type
for pneumatic tubing outside diameter 4 mm	for pneumatic tubing outside diameter 4 mm	2.8 mm	10	**153070**	**QSL-4**
			100	**130740**	**QSL-4-100**
For pneumatic tubing outside diameter 6 mm	for pneumatic tubing outside diameter 6 mm	5 mm	10	**153071**	**QSL-6**
			100	**130741**	**QSL-6-100**
for pneumatic tubing outside diameter 8 mm	for pneumatic tubing outside diameter 8 mm	7.2 mm	10	**153072**	**QSL-8**
			50	**130742**	**QSL-8-50**
for pneumatic tubing outside diameter 10 mm	for pneumatic tubing outside diameter 10 mm	8.3 mm	10	**153073**	**QSL-10**
			50	**130743**	**QSL-10-50**
for pneumatic tubing outside diameter 12 mm	for pneumatic tubing outside diameter 12 mm	10 mm	10	**153074**	**QSL-12**
			20	**130744**	**QSL-12-20**
for pneumatic tubing outside diameter 16 mm	for pneumatic tubing outside diameter 16 mm	13 mm	1	**153075**	**QSL-16**
			20	**133194**	**QSL-16-20**

Ordering data – push-in L-connector QSL-...H with push-in sleeve



Pneumatic connection 1	Pneumatic connection 2	Nominal width	Pack size	Part no.	Type
Push-in sleeve Ø 4 mm	for pneumatic tubing outside diameter 4 mm	2 mm	10	**153056**	**QSL-4H**
			100	**130745**	**QSL-4H-100**
Push-in sleeve Ø 6 mm	for pneumatic tubing outside diameter 6 mm	3.2 mm	10	**153057**	**QSL-6H**
			100	**130746**	**QSL-6H-100**
Push-in sleeve Ø 8 mm	for pneumatic tubing outside diameter 8 mm	4.7 mm	10	**153058**	**QSL-8H**
			50	**130747**	**QSL-8H-50**
Push-in sleeve Ø 10 mm	for pneumatic tubing outside diameter 10 mm	5.7 mm	10	**153059**	**QSL-10H**

Ordering data

Ordering data – push-in L-connector QSL-...H with push-in sleeve



Pneumatic connection 1	Pneumatic connection 2	Nominal width	Pack size	Part no.	Type
Push-in sleeve Ø 10 mm	for pneumatic tubing outside diameter 10 mm	5.7 mm	50	**130748**	**QSL-10H-50**
Push-in sleeve Ø 12 mm	for pneumatic tubing outside diameter 12 mm	6.8 mm	10	**153060**	**QSL-12H**

Ordering data – push-in L-connector QSL-...H with push-in sleeve, reducing



Pneumatic connection 1	Pneumatic connection 2	Nominal width	Pack size	Part no.	Type
Push-in sleeve Ø 6 mm	for pneumatic tubing outside diameter 4 mm	2.4 mm	10	**153061**	**QSL-6H-4**
Push-in sleeve Ø 8 mm	for pneumatic tubing outside diameter 6 mm	3.5 mm		**153062**	**QSL-8H-6**
Push-in sleeve Ø 10 mm	for pneumatic tubing outside diameter 8 mm	4.9 mm		**153063**	**QSL-10H-8**
Push-in sleeve Ø 12 mm	for pneumatic tubing outside diameter 10 mm	6.1 mm		**153064**	**QSL-12H-10**

Ordering data – push-in L-connector QSL-...H with long push-in sleeve



Pneumatic connection 1	Pneumatic connection 2	Nominal width	Pack size	Part no.	Type
Push-in sleeve Ø 4 mm	for pneumatic tubing outside diameter 4 mm	2 mm	10	**153065**	**QSL-4HL**
Push-in sleeve Ø 6 mm	for pneumatic tubing outside diameter 6 mm	3.1 mm		**153066**	**QSL-6HL**
Push-in sleeve Ø 8 mm	for pneumatic tubing outside diameter 8 mm	4.5 mm		**153067**	**QSL-8HL**
Push-in sleeve Ø 10 mm	for pneumatic tubing outside diameter 10 mm	5.6 mm		**153068**	**QSL-10HL**
Push-in sleeve Ø 12 mm	for pneumatic tubing outside diameter 12 mm	6.7 mm		**153069**	**QSL-12HL**

Ordering data – push-in T-fitting QST, R-thread



Pneumatic connection 1	Pneumatic connection 2	Nominal width	Pack size	Part no.	Type
External thread R1/8	for pneumatic tubing outside diameter 4 mm	2.8 mm	10	**153106**	**QST-1/8-4**
			100	**130793**	**QST-1/8-4-100**
	for pneumatic tubing outside diameter 6 mm	4.2 mm	10	**153107**	**QST-1/8-6**
			100	**130794**	**QST-1/8-6-100**
	for pneumatic tubing outside diameter 8 mm	6 mm	10	**153109**	**QST-1/8-8**
			50	**130795**	**QST-1/8-8-50**
	for pneumatic tubing outside diameter 10 mm		10	**190667**	**QST-1/8-10**
External thread R1/4	for pneumatic tubing outside diameter 4 mm	2.8 mm		**190668**	**QST-1/4-4**

Ordering data

Ordering data – push-in T-fitting QST, R-thread



Pneumatic connection 1	Pneumatic connection 2	Nominal width	Pack size	Part no.	Type
External thread R1/4	for pneumatic tubing outside diameter 6 mm	4.3 mm	10	**153108**	**QST-1/4-6**
			100	**130796**	**QST-1/4-6-100**
	for pneumatic tubing outside diameter 8 mm	6.7 mm	10	**153110**	**QST-1/4-8**
			50	**130797**	**QST-1/4-8-50**
	for pneumatic tubing outside diameter 10 mm	8 mm	10	**153112**	**QST-1/4-10**
			50	**130798**	**QST-1/4-10-50**
	for pneumatic tubing outside diameter 12 mm		10	**190669**	**QST-1/4-12**
External thread R3/8	for pneumatic tubing outside diameter 6 mm	4.3 mm		**190670**	**QST-3/8-6**
	for pneumatic tubing outside diameter 8 mm	6.7 mm		**153111**	**QST-3/8-8**
			50	**130799**	**QST-3/8-8-50**
	for pneumatic tubing outside diameter 10 mm	8.3 mm	10	**153113**	**QST-3/8-10**
			20	**130800**	**QST-3/8-10-20**
	for pneumatic tubing outside diameter 12 mm	10 mm	10	**153114**	**QST-3/8-12**
			20	**130801**	**QST-3/8-12-20**
	for pneumatic tubing outside diameter 16 mm	11 mm	1	**164959**	**QST-3/8-16**
External thread R1/2	for pneumatic tubing outside diameter 10 mm	8.3 mm		**190672**	**QST-1/2-10**
	for pneumatic tubing outside diameter 12 mm	10.3 mm		**153115**	**QST-1/2-12**
	for pneumatic tubing outside diameter 16 mm	13 mm		**153116**	**QST-1/2-16**

Ordering data – push-in T-fitting QST, G-thread with sealing ring



Pneumatic connection 1	Pneumatic connection 2	Nominal width	Pack size	Part no.	Type
External thread G1/8	for pneumatic tubing outside diameter 4 mm	2.8 mm	10	**186157**	**QST-G1/8-4**
			100	**132066**	**QST-G1/8-4-100**
	for pneumatic tubing outside diameter 6 mm	4.2 mm	10	**186158**	**QST-G1/8-6**
			100	**132067**	**QST-G1/8-6-100**
	for pneumatic tubing outside diameter 8 mm	6 mm	10	**186160**	**QST-G1/8-8**
			50	**132068**	**QST-G1/8-8-50**
External thread G1/4	for pneumatic tubing outside diameter 6 mm	4.3 mm	10	**186159**	**QST-G1/4-6**
			100	**132069**	**QST-G1/4-6-100**
	for pneumatic tubing outside diameter 8 mm	6.7 mm	10	**186161**	**QST-G1/4-8**
			50	**132070**	**QST-G1/4-8-50**
	for pneumatic tubing outside diameter 10 mm	8 mm	10	**186163**	**QST-G1/4-10**
			50	**132071**	**QST-G1/4-10-50**
	for pneumatic tubing outside diameter 12 mm		1	**132597**	**QST-G1/4-12**
External thread G3/8	for pneumatic tubing outside diameter 8 mm	6.7 mm	10	**186162**	**QST-G3/8-8**
			50	**132072**	**QST-G3/8-8-50**
	for pneumatic tubing outside diameter 10 mm	8.3 mm	10	**186164**	**QST-G3/8-10**
			20	**132073**	**QST-G3/8-10-20**
	for pneumatic tubing outside diameter 12 mm	10 mm	10	**186165**	**QST-G3/8-12**
			20	**132074**	**QST-G3/8-12-20**
	for pneumatic tubing outside diameter 16 mm	11 mm	1	**186349**	**QST-G3/8-16**

Ordering data

Ordering data – push-in T-fitting QST, G-thread with sealing ring



Pneumatic connection 1	Pneumatic connection 2	Nominal width	Pack size	Part no.	Type
External thread G1/2	for pneumatic tubing outside diameter 12 mm	10.3 mm	1	**186166**	**QST-G1/2-12**
	for pneumatic tubing outside diameter 16 mm	13 mm		**186167**	**QST-G1/2-16**

Ordering data – push-in T-connector QST



Pneumatic connection 1	Pneumatic connection 2	Nominal width	Pack size	Part no.	Type
for pneumatic tubing outside diameter 4 mm	for pneumatic tubing outside diameter 4 mm	2.8 mm	10	**153128**	**QST-4**
			100	**130802**	**QST-4-100**
For pneumatic tubing outside diameter 6 mm	for pneumatic tubing outside diameter 6 mm	4.8 mm	10	**153129**	**QST-6**
			100	**130803**	**QST-6-100**
for pneumatic tubing outside diameter 8 mm	for pneumatic tubing outside diameter 8 mm	6.2 mm	10	**153130**	**QST-8**
			50	**130804**	**QST-8-50**
for pneumatic tubing outside diameter 10 mm	for pneumatic tubing outside diameter 10 mm	8.1 mm	10	**153131**	**QST-10**
			50	**130805**	**QST-10-50**
for pneumatic tubing outside diameter 12 mm	for pneumatic tubing outside diameter 12 mm	10 mm	10	**153132**	**QST-12**
			20	**130806**	**QST-12-20**
for pneumatic tubing outside diameter 16 mm	for pneumatic tubing outside diameter 16 mm	13 mm	1	**153133**	**QST-16**

Ordering data – push-in T-connector QST, reducing



Pneumatic connection 1	Pneumatic connection 2	Nominal width	Pack size	Part no.	Type
For pneumatic tubing outside diameter 6 mm	for pneumatic tubing outside diameter 4 mm	2.3 mm	10	**153134**	**QST-6-4**
			100	**130820**	**QST-6-4-100**
for pneumatic tubing outside diameter 8 mm			10	**130613**	**QST-8-4**
	for pneumatic tubing outside diameter 6 mm	3.5 mm		**153135**	**QST-8-6**
			50	**130821**	**QST-8-6-50**
for pneumatic tubing outside diameter 10 mm		3.7 mm	10	**130614**	**QST-10-6**
	for pneumatic tubing outside diameter 8 mm	4.9 mm		**153136**	**QST-10-8**
			50	**130822**	**QST-10-8-50**
for pneumatic tubing outside diameter 12 mm		5.1 mm	10	**130615**	**QST-12-8**
	for pneumatic tubing outside diameter 10 mm	6.1 mm		**153137**	**QST-12-10**
			20	**130823**	**QST-12-10-20**
for pneumatic tubing outside diameter 16 mm	for pneumatic tubing outside diameter 12 mm	7.6 mm	1	**130616**	**QST-16-12**

Ordering data

Ordering data – push-in T-fitting QSTF, R-thread



Pneumatic connection 1	Pneumatic connection 2	Nominal width	Pack size	Part no.	Type
External thread R1/8	Internal thread G1/8, for pneumatic tubing outside diameter 4 mm	2.8 mm	1	**153182**	**QSTF-1/8-4-B**
	Internal thread G1/8, for pneumatic tubing outside diameter 6 mm	4.6 mm		**153183**	**QSTF-1/8-6-B**
	Internal thread G1/8, for pneumatic tubing outside diameter 8 mm	5.5 mm		**153185**	**QSTF-1/8-8-B**
External thread R1/4	Internal thread G1/4, for pneumatic tubing outside diameter 6 mm	4.3 mm		**153184**	**QSTF-1/4-6-B**
	Internal thread G1/4, for pneumatic tubing outside diameter 8 mm	6 mm		**153186**	**QSTF-1/4-8-B**
	Internal thread G1/4, for pneumatic tubing outside diameter 10 mm	7.1 mm		**153188**	**QSTF-1/4-10-B**
External thread R3/8	Internal thread G3/8, for pneumatic tubing outside diameter 8 mm	6 mm		**153187**	**QSTF-3/8-8-B**
	Internal thread G3/8, for pneumatic tubing outside diameter 10 mm	8 mm		**153189**	**QSTF-3/8-10-B**
	Internal thread G3/8, for pneumatic tubing outside diameter 12 mm	9.3 mm		**153190**	**QSTF-3/8-12-B**
External thread R1/2	Internal thread G1/2, for pneumatic tubing outside diameter 12 mm	10 mm		**153191**	**QSTF-1/2-12-B**

Ordering data – push-in T-fitting QSTF, G-thread with sealing ring



Pneumatic connection 1	Pneumatic connection 2	Nominal width	Pack size	Part no.	Type
External thread G1/8	Internal thread G1/8, for pneumatic tubing outside diameter 4 mm	3 mm	1	**186199**	**QSTF-G1/8-4**
	Internal thread G1/8, for pneumatic tubing outside diameter 6 mm	4 mm		**186200**	**QSTF-G1/8-6**
	Internal thread G1/8, for pneumatic tubing outside diameter 8 mm	5.6 mm		**186202**	**QSTF-G1/8-8**
External thread G1/4	Internal thread G1/4, for pneumatic tubing outside diameter 6 mm	5 mm		**186201**	**QSTF-G1/4-6**
	Internal thread G1/4, for pneumatic tubing outside diameter 8 mm	6 mm		**186203**	**QSTF-G1/4-8**
	Internal thread G1/4, for pneumatic tubing outside diameter 10 mm	7 mm		**186205**	**QSTF-G1/4-10**

Ordering data

Ordering data – push-in T-fitting QSTF, G-thread with sealing ring



Pneumatic connection 1	Pneumatic connection 2	Nominal width	Pack size	Part no.	Type
External thread G3/8	Internal thread G3/8, for pneumatic tubing outside diameter 8 mm	6 mm	1	**186204**	**QSTF-G3/8-8**
	Internal thread G3/8, for pneumatic tubing outside diameter 10 mm	8 mm		**186206**	**QSTF-G3/8-10**
	Internal thread G3/8, for pneumatic tubing outside diameter 12 mm	8.7 mm		**186207**	**QSTF-G3/8-12**
External thread G1/2	Internal thread G1/2, for pneumatic tubing outside diameter 12 mm			**186208**	**QSTF-G1/2-12**

Ordering data – push-in T-fitting QSTL, R-thread



Pneumatic connection 1	Pneumatic connection 2	Nominal width	Pack size	Part no.	Type
External thread R1/8	for pneumatic tubing outside diameter 4 mm	2.8 mm	10	**153117**	**QSTL-1/8-4**
			100	**130824**	**QSTL-1/8-4-100**
	for pneumatic tubing outside diameter 6 mm	4.3 mm	10	**153118**	**QSTL-1/8-6**
			100	**130825**	**QSTL-1/8-6-100**
	for pneumatic tubing outside diameter 8 mm	6 mm	10	**153120**	**QSTL-1/8-8**
			50	**130826**	**QSTL-1/8-8-50**
External thread R1/4	for pneumatic tubing outside diameter 6 mm	4.3 mm	10	**153119**	**QSTL-1/4-6**
			100	**130827**	**QSTL-1/4-6-100**
	for pneumatic tubing outside diameter 8 mm	6.7 mm	10	**153121**	**QSTL-1/4-8**
			50	**130828**	**QSTL-1/4-8-50**
	for pneumatic tubing outside diameter 10 mm	8 mm	10	**153123**	**QSTL-1/4-10**
			50	**130829**	**QSTL-1/4-10-50**
External thread R3/8	for pneumatic tubing outside diameter 8 mm	6.7 mm	10	**153122**	**QSTL-3/8-8**
	for pneumatic tubing outside diameter 10 mm	8.3 mm		**153124**	**QSTL-3/8-10**
	for pneumatic tubing outside diameter 12 mm	10 mm		**153125**	**QSTL-3/8-12**
External thread R1/2		10.3 mm	1	**153126**	**QSTL-1/2-12**
	for pneumatic tubing outside diameter 16 mm	13 mm		**153127**	**QSTL-1/2-16**

Ordering data

Ordering data – push-in T-fitting QSTL, G-thread with sealing ring



Pneumatic connection 1	Pneumatic connection 2	Nominal width	Pack size	Part no.	Type
External thread G1/8	for pneumatic tubing outside diameter 4 mm	2.8 mm	10	**186168**	**QSTL-G1/8-4**
			100	**132075**	**QSTL-G1/8-4-100**
	for pneumatic tubing outside diameter 6 mm	4.3 mm	10	**186169**	**QSTL-G1/8-6**
			100	**132076**	**QSTL-G1/8-6-100**
	for pneumatic tubing outside diameter 8 mm	6 mm	10	**186171**	**QSTL-G1/8-8**
			50	**132077**	**QSTL-G1/8-8-50**
External thread G1/4	for pneumatic tubing outside diameter 6 mm	4.3 mm	10	**186170**	**QSTL-G1/4-6**
			100	**132078**	**QSTL-G1/4-6-100**
	for pneumatic tubing outside diameter 8 mm	6.7 mm	10	**186172**	**QSTL-G1/4-8**
			50	**132079**	**QSTL-G1/4-8-50**
	for pneumatic tubing outside diameter 10 mm	8 mm	10	**186174**	**QSTL-G1/4-10**
			50	**132080**	**QSTL-G1/4-10-50**
External thread G3/8	for pneumatic tubing outside diameter 8 mm	6.7 mm	10	**186173**	**QSTL-G3/8-8**
	for pneumatic tubing outside diameter 10 mm	8.3 mm		**186175**	**QSTL-G3/8-10**
	for pneumatic tubing outside diameter 12 mm	10 mm		**186176**	**QSTL-G3/8-12**
External thread G1/2		10.3 mm	1	**186177**	**QSTL-G1/2-12**
	for pneumatic tubing outside diameter 16 mm	13 mm		**186178**	**QSTL-G1/2-16**

Ordering data – push-in fitting QSW, R-thread



Pneumatic connection 1	Pneumatic connection 2	Nominal width	Pack size	Part no.	Type
External thread R1/8	for pneumatic tubing outside diameter 4 mm	2.5 mm	10	**130596**	**QSW-1/8-4**
	for pneumatic tubing outside diameter 6 mm	3.3 mm		**130597**	**QSW-1/8-6**
	for pneumatic tubing outside diameter 8 mm	6 mm		**130598**	**QSW-1/8-8**
External thread R1/4	for pneumatic tubing outside diameter 6 mm	3.3 mm		**130599**	**QSW-1/4-6**
	for pneumatic tubing outside diameter 8 mm	6.7 mm		**130600**	**QSW-1/4-8**
	for pneumatic tubing outside diameter 10 mm	8 mm		**130601**	**QSW-1/4-10**
External thread R3/8		8.3 mm		**130602**	**QSW-3/8-10**
		9.5 mm		**130603**	**QSW-3/8-12**
External thread R1/2	for pneumatic tubing outside diameter 12 mm	10.3 mm	1	**130604**	**QSW-1/2-12**
	for pneumatic tubing outside diameter 16 mm	13 mm		**130605**	**QSW-1/2-16**

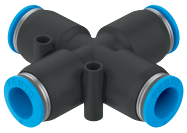
Ordering data

Ordering data – push-in connector QSW-...HL with push-in sleeve



Pneumatic connection 1	Pneumatic connection 2	Nominal width	Pack size	Part no.	Type
Push-in sleeve Ø 4 mm	for pneumatic tubing outside diameter 4 mm	2 mm	10	**130617**	**QSW-4HL**
Push-in sleeve Ø 6 mm	for pneumatic tubing outside diameter 6 mm	2.7 mm		**130618**	**QSW-6HL**
Push-in sleeve Ø 8 mm	for pneumatic tubing outside diameter 8 mm	5 mm		**130619**	**QSW-8HL**
Push-in sleeve Ø 10 mm	for pneumatic tubing outside diameter 10 mm	6.3 mm		**130620**	**QSW-10HL**
Push-in sleeve Ø 12 mm	for pneumatic tubing outside diameter 12 mm	6.9 mm		**130621**	**QSW-12HL**

Ordering data – push-in X-connector QSX



Pneumatic connection 1	Pneumatic connection 2	Nominal width	Pack size	Part no.	Type
for pneumatic tubing outside diameter 8 mm	for pneumatic tubing outside diameter 8 mm	4.7 mm	10	**153285**	**QSX-8**
for pneumatic tubing outside diameter 10 mm	for pneumatic tubing outside diameter 10 mm	6.1 mm		**153286**	**QSX-10**
for pneumatic tubing outside diameter 12 mm	for pneumatic tubing outside diameter 12 mm	7.5 mm		**153287**	**QSX-12**

Ordering data – push-in Y-fitting QSY, metric thread with sealing ring



Pneumatic connection 1	Pneumatic connection 2	Nominal width	Pack size	Part no.	Type
External thread M5	for pneumatic tubing outside diameter 4 mm	2.4 mm	10	**190673**	**QSY-M5-4**
	for pneumatic tubing outside diameter 6 mm			**190674**	**QSY-M5-6**

Ordering data – push-in Y-fitting QSY, R-thread



Pneumatic connection 1	Pneumatic connection 2	Nominal width	Pack size	Part no.	Type
External thread R1/8	for pneumatic tubing outside diameter 4 mm	3.1 mm	10	**153138**	**QSY-1/8-4**
	for pneumatic tubing outside diameter 6 mm	4.2 mm		**153139**	**QSY-1/8-6**
	for pneumatic tubing outside diameter 8 mm	5.9 mm		**153141**	**QSY-1/8-8**

Ordering data

Ordering data – push-in Y-fitting QSY, R-thread



Pneumatic connection 1	Pneumatic connection 2	Nominal width	Pack size	Part no.	Type
External thread R1/4	for pneumatic tubing outside diameter 4 mm	3.3 mm	10	**190675**	**QSY-1/4-4**
	for pneumatic tubing outside diameter 6 mm	4.8 mm		**153140**	**QSY-1/4-6**
	for pneumatic tubing outside diameter 8 mm	6.2 mm		**153142**	**QSY-1/4-8**
	for pneumatic tubing outside diameter 10 mm	7.2 mm		**153144**	**QSY-1/4-10**
External thread R3/8	for pneumatic tubing outside diameter 8 mm	6.6 mm		**153143**	**QSY-3/8-8**
	for pneumatic tubing outside diameter 10 mm	7.4 mm		**153145**	**QSY-3/8-10**
	for pneumatic tubing outside diameter 12 mm	8.4 mm		**153146**	**QSY-3/8-12**
External thread R1/2	for pneumatic tubing outside diameter 10 mm	7.8 mm	1	**133196**	**QSY-1/2-10**
	for pneumatic tubing outside diameter 12 mm	8.3 mm		**153147**	**QSY-1/2-12**

Ordering data – push-in Y-fitting QSY, G-thread with sealing ring



Pneumatic connection 1	Pneumatic connection 2	Nominal width	Pack size	Part no.	Type
External thread G1/8	for pneumatic tubing outside diameter 4 mm	3.1 mm	10	**186179**	**QSY-G1/8-4**
	for pneumatic tubing outside diameter 6 mm	4.2 mm		**186180**	**QSY-G1/8-6**
	for pneumatic tubing outside diameter 8 mm	5.9 mm		**186182**	**QSY-G1/8-8**
External thread G1/4	for pneumatic tubing outside diameter 6 mm	4.8 mm		**186181**	**QSY-G1/4-6**
	for pneumatic tubing outside diameter 8 mm	6.2 mm		**186183**	**QSY-G1/4-8**
	for pneumatic tubing outside diameter 10 mm	7.2 mm		**186185**	**QSY-G1/4-10**
External thread G3/8	for pneumatic tubing outside diameter 8 mm	6.6 mm		**186184**	**QSY-G3/8-8**
	for pneumatic tubing outside diameter 10 mm	7.4 mm		**186186**	**QSY-G3/8-10**
	for pneumatic tubing outside diameter 12 mm	8.4 mm		**186187**	**QSY-G3/8-12**
External thread G1/2		8.3 mm	1	**186188**	**QSY-G1/2-12**

Ordering data

Ordering data – push-in Y-connector QSY



Pneumatic connection 1	Pneumatic connection 2	Nominal width	Pack size	Part no.	Type
for pneumatic tubing outside diameter 4 mm	for pneumatic tubing outside diameter 4 mm	2.6 mm	10	**153148**	**QSY-4**
			100	**130807**	**QSY-4-100**
For pneumatic tubing outside diameter 6 mm	for pneumatic tubing outside diameter 6 mm	4.3 mm	10	**153149**	**QSY-6**
			100	**130808**	**QSY-6-100**
for pneumatic tubing outside diameter 8 mm	for pneumatic tubing outside diameter 8 mm	5.7 mm	10	**153150**	**QSY-8**
			50	**130809**	**QSY-8-50**
for pneumatic tubing outside diameter 10 mm	for pneumatic tubing outside diameter 10 mm	6.7 mm	10	**153151**	**QSY-10**
			20	**130810**	**QSY-10-20**
for pneumatic tubing outside diameter 12 mm	for pneumatic tubing outside diameter 12 mm	8 mm	10	**153152**	**QSY-12**
			20	**130811**	**QSY-12-20**
for pneumatic tubing outside diameter 16 mm	for pneumatic tubing outside diameter 16 mm	12.7 mm	1	**130609**	**QSY-16**

Ordering data – push-in Y connector QSY, reducing



Pneumatic connection 1	Pneumatic connection 2	Nominal width	Pack size	Part no.	Type
For pneumatic tubing outside diameter 6 mm	for pneumatic tubing outside diameter 4 mm	2.3 mm	10	**153153**	**QSY-6-4**
			100	**130812**	**QSY-6-4-100**
for pneumatic tubing outside diameter 8 mm		1.7 mm	10	**130610**	**QSY-8-4**
	for pneumatic tubing outside diameter 6 mm	3.2 mm		**153154**	**QSY-8-6**
			50	**130813**	**QSY-8-6-50**
for pneumatic tubing outside diameter 10 mm		3.3 mm	10	**130611**	**QSY-10-6**
	for pneumatic tubing outside diameter 8 mm	4.5 mm		**153155**	**QSY-10-8**
			20	**130814**	**QSY-10-8-20**
for pneumatic tubing outside diameter 12 mm			10	**130612**	**QSY-12-8**
	for pneumatic tubing outside diameter 10 mm	5.8 mm		**153156**	**QSY-12-10**
			20	**130815**	**QSY-12-10-20**
for pneumatic tubing outside diameter 16 mm	for pneumatic tubing outside diameter 12 mm	7 mm	1	**190708**	**QSY-16-12**

Ordering data – push-in Y connector QSY-...H with push-in sleeve



Pneumatic connection 1	Pneumatic connection 2	Nominal width	Pack size	Part no.	Type
Push-in sleeve Ø 4 mm	for pneumatic tubing outside diameter 4 mm	1.6 mm	10	**130628**	**QSY-4H**

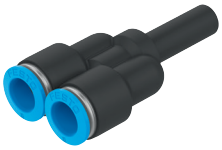
Ordering data

Ordering data – push-in Y connector QSY-...H with push-in sleeve, reducing



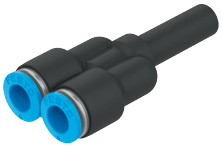
Pneumatic connection 1	Pneumatic connection 2	Nominal width	Pack size	Part no.	Type
Push-in sleeve Ø 6 mm	for pneumatic tubing outside diameter 4 mm	2.3 mm	10	**130633**	**QSY-6H-4**

Ordering data – push-in Y connector QSY-...H-B with push-in sleeve



Pneumatic connection 1	Pneumatic connection 2	Nominal width	Pack size	Part no.	Type
Push-in sleeve Ø 6 mm	for pneumatic tubing outside diameter 6 mm	3.1 mm	10	**133145**	**QSY-6H-B**
Push-in sleeve Ø 8 mm	for pneumatic tubing outside diameter 8 mm	4.6 mm		**133146**	**QSY-8H-B**
Push-in sleeve Ø 10 mm	for pneumatic tubing outside diameter 10 mm	5.9 mm		**133148**	**QSY-10H-B**
Push-in sleeve Ø 12 mm	for pneumatic tubing outside diameter 12 mm	7.3 mm		**133150**	**QSY-12H-B**

Ordering data – push-in Y connector QSY-...H-B with push-in sleeve, reducing



Pneumatic connection 1	Pneumatic connection 2	Nominal width	Pack size	Part no.	Type
Push-in sleeve Ø 8 mm	for pneumatic tubing outside diameter 6 mm	3.6 mm	10	**133147**	**QSY-8H-6-B**
Push-in sleeve Ø 10 mm	for pneumatic tubing outside diameter 8 mm	4.6 mm		**133149**	**QSY-10H-8-B**
Push-in sleeve Ø 12 mm	for pneumatic tubing outside diameter 10 mm	5.9 mm		**133151**	**QSY-12H-10-B**

Ordering data – push-in Y-fitting QSYL, R-thread



Pneumatic connection 1	Pneumatic connection 2	Nominal width	Pack size	Part no.	Type
External thread R1/8	for pneumatic tubing outside diameter 4 mm	3.9 mm	1	**153172**	**QSYL-1/8-4**
	for pneumatic tubing outside diameter 6 mm	4.2 mm		**153173**	**QSYL-1/8-6**
	for pneumatic tubing outside diameter 8 mm	5.7 mm		**153175**	**QSYL-1/8-8**
External thread R1/4	for pneumatic tubing outside diameter 6 mm	5.3 mm		**153174**	**QSYL-1/4-6**
	for pneumatic tubing outside diameter 8 mm	7.3 mm		**153176**	**QSYL-1/4-8**

Ordering data

Ordering data – push-in Y-fitting QSYL, R-thread



Pneumatic connection 1	Pneumatic connection 2	Nominal width	Pack size	Part no.	Type
External thread R1/4	for pneumatic tubing outside diameter 10 mm	8 mm	1	**153178**	**QSYL-1/4-10**
External thread R3/8	for pneumatic tubing outside diameter 8 mm	7.3 mm		**153177**	**QSYL-3/8-8**
	for pneumatic tubing outside diameter 10 mm	9.2 mm		**153179**	**QSYL-3/8-10**
	for pneumatic tubing outside diameter 12 mm	9.7 mm		**153180**	**QSYL-3/8-12**
External thread R1/2		10.6 mm		**153181**	**QSYL-1/2-12**

Ordering data – push-in Y-fitting QSYL, G-thread with sealing ring



Pneumatic connection 1	Pneumatic connection 2	Nominal width	Pack size	Part no.	Type
External thread G1/8	for pneumatic tubing outside diameter 4 mm	3.9 mm	1	**186189**	**QSYL-G1/8-4**
	for pneumatic tubing outside diameter 6 mm	4.2 mm		**186190**	**QSYL-G1/8-6**
	for pneumatic tubing outside diameter 8 mm	5.7 mm		**186192**	**QSYL-G1/8-8**
External thread G1/4	for pneumatic tubing outside diameter 6 mm	5.3 mm		**186191**	**QSYL-G1/4-6**
	for pneumatic tubing outside diameter 8 mm	7.3 mm		**186193**	**QSYL-G1/4-8**
	for pneumatic tubing outside diameter 10 mm	8 mm		**186195**	**QSYL-G1/4-10**
External thread G3/8	for pneumatic tubing outside diameter 8 mm	7.3 mm		**186194**	**QSYL-G3/8-8**
	for pneumatic tubing outside diameter 10 mm	9.2 mm		**186196**	**QSYL-G3/8-10**
	for pneumatic tubing outside diameter 12 mm	9.7 mm		**186197**	**QSYL-G3/8-12**
External thread G1/2		10.6 mm		**186198**	**QSYL-G1/2-12**

Ordering data – push-in Y-fitting QSYLV, R-thread



Pneumatic connection 1	Pneumatic connection 2	Nominal width	Pack size	Part no.	Type
External thread R1/8	for pneumatic tubing outside diameter 6 mm	4.2 mm	1	**153192**	**QSYLV-1/8-6**
External thread R1/4	for pneumatic tubing outside diameter 8 mm	6 mm		**153193**	**QSYLV-1/4-8**
External thread R3/8	for pneumatic tubing outside diameter 10 mm	8 mm		**153194**	**QSYLV-3/8-10**
External thread R1/2	for pneumatic tubing outside diameter 12 mm	10 mm		**153195**	**QSYLV-1/2-12**

Ordering data

Ordering data – push-in Y-fitting QSYLV, G-thread with sealing ring



Pneumatic connection 1	Pneumatic connection 2	Nominal width	Pack size	Part no.	Type
External thread G1/8	for pneumatic tubing outside diameter 6 mm	3.5 mm	1	**186209**	**QSYLV-G1/8-6**
External thread G1/4	for pneumatic tubing outside diameter 8 mm	4.7 mm		**186210**	**QSYLV-G1/4-8**
External thread G3/8	for pneumatic tubing outside diameter 10 mm	5.2 mm		**186211**	**QSYLV-G3/8-10**
External thread G1/2	for pneumatic tubing outside diameter 12 mm	7 mm		**186212**	**QSYLV-G1/2-12**

Accessories

Release tool QSO



Type code	Size	Product weight	Part no.	Type
QSO	For tubing O.D. 4 mm For tubing O.D. 6 mm For tubing O.D. 8 mm For tubing O.D. 10 mm	13 g	**158419**	**QSO**