Push-in fittings QS-V0, resistant to welding spatter

FESTO

Key features

Application

Choosing the right fitting is effortless. With a system that includes well over 1000 types of standard and function fittings, Festo offers a secure solution for every connection.

Summary of tubing/fitting combinations

Applications	Fitting	Tubing	Description
Standard	QS(M)	PUN-H	Maximum flexibility in standard applications thanks to an extremely wide range of options for combining the different types.
	QS(M)	PEN	Suitable for a wide range of tasks and attractively priced. Flexible thanks to highly resistant materials, easy to install thanks to optimised bending radii. High level of abrasion resistance in dynamic applications.
	QS(M)	PAN	Meets all requirements, even for standard applications with increased pressure and temperature ranges.
High pressures	NPQM	PAN-MF	Complies with DIN standard 73378: ideal for use in mobile pneumatics. Suitable for increased temperature ranges combined with high pressure ranges.
	NPQH	PAN-R	Powerful in pressure ranges up to 20 bar, for example in applications with the pressure booster DPA.
Resistant to chemicals, food-safe and hydrolysis-resistant	NPQP	PLN	Resistant to cleaning agents, FDA-compliant and economical. Can be used instead of the combination with stainless steel fittings.
	NPKA	PUN-H	Hydrolysis-resistant and suitable for water applications. Combination suitable for use in cleanrooms, FDA-compliant and corrosion-resistant as made from 100% polymer. Very easy to install with the "one click principle".
	NPQH	PFAN/PTFEN	For high temperatures up to 150 °C. Food-safe, FDA-compliant and resistant to cleaning agents.
	NPCK	PFAN/PTFEN	Easy to clean thanks to the union nut's edge-free design. Maximum corrosion resistance (CRC 4) and FDA-compliant. Suitable for a wide range of media.
	CRQS	PFAN/PTFEN	Maximum corrosion resistance (CRC 4) and maximum resistance to aggressive acids and alkalis.
Resistant to chemicals and hydrolysis	NPQR	PFAN/PTFEN	Optimised design, fewer edges where dirt can collect – all at an attractive price. For high temperatures up to 150 °C. Pressure range up to 16 bar. Highest level of corrosion resistance (CRC 4).
Antistatic	NPQM	PUN-CM	Anti-static tubing plus solid metal fitting offer maximum protection for electric and electronic components.
Flame-retardant	NPQM	PUN-V0	Very safe in areas where there is a risk of fire thanks to flame-retardant properties. The tubing has been tested to DIN 5510-2.
Resistant to welding spatter	NPQH	PUN-V0-C	Ideal for applications involving welding spatter. Reliable thanks to a tubing wall thickness of 2 mm for all diameters.
	QS-V0	PAN-V0	Safe even in the immediate vicinity of welding spatter thanks to double-walled tubing with special fitting.

Key features

Push-in fittings – Product range

QSM, mini — Datasheets → Internet: qsm

Miniature push-in fittings for maximum component density in confined spaces. For pneumatic applications with a temperature range up to 80 °C and a pressure range up to 14 bar.
Tubing O.D. of 2, 3, 4 and 6 mm with connecting threads M3, M5, M6, M7, R1/8 and G1/8.

QS, standard — Datasheets → Internet: qs

Wide selection of push-in fittings for pneumatic applications with a temperature range up to 80 °C and a pressure range up to 14 bar.
Tubing O.D. of 4, 6, 8, 10, 12, 16 and 22 mm with connecting threads R1/8 ... R1/2 and G1/8 ... G3/4.

CRQS, stainless steel — Datasheets → Internet: crqs

Stainless steel push-in fitting. Maximum corrosion resistance CRC 4 and chemical resistance with approval for use in the food and packaging industry. For pneumatic applications with a temperature range up to 120 °C and a pressure range up to 10 bar.
Tubing O.D. of 4, 6, 8, 10, 12 and 16 mm with connecting threads M5 and R1/8 ... R1/2.

QS-V0, resistant to welding spatter — Datasheets → Internet: qs-v0

Flame-retardant push-in fitting for use in all areas where there is a risk of fire, for example welding systems in the automotive industry, and in the construction industry. For pneumatic applications with a temperature range up to 60 °C and a pressure range up to 10 bar.
Tubing O.D. of 4, 6, 8, 10 and 12 mm with connecting threads R1/8 ... R1/2 and G1/8 ... G1/2.

NPQH — Datasheets → Internet: npqh

All metal push-in fitting made of chemically nickel-plated brass. High corrosion resistance CRC 3 and chemical resistance. For pneumatic applications with a temperature range up to 150 °C and a pressure range up to 20 bar.
Tubing O.D. of 4, 6, 8, 10, 12 and 14 mm with connecting thread M5, M7 and G1/8 ... G1/2.

NPQM — Datasheets → Internet: npqm

Attractively priced metal push-in fitting for pneumatic applications with a temperature range up to 70 °C and a pressure range up to 16 bar.
Tubing O.D. of 3, 4, 6, 8, 10, 12 and 14 mm with connecting thread M5, M7 and G1/8 ... G1/2.

NPQP — Datasheets → Internet: npqp

Polypropylene fitting for use in applications with extreme media influences. For pneumatic applications with a temperature range up to 60 °C and a pressure range up to 10 bar.
Tubing O.D. of 4, 6, 8, 10 and 12 mm with connecting threads R1/8 ... R1/2.

NPQR, stainless steel — Datasheets → Internet: npqr

Stainless steel push-in fitting. Maximum corrosion resistance CRC 4 and chemical resistance. For pneumatic applications with a temperature range up to 150 °C and a pressure range up to 16 bar.
Tubing O.D. of 4, 6, 8, 10 and 12 mm with connecting thread M5, M7 and G1/8 ... G1/2.

Key features

Functional push-in fittings – Product range

QSK,
push-in fitting, self-sealing

Datasheets ➔ Internet: qsk

Push-in fitting that blocks the air flow after the tubing is disconnected. For pneumatic applications with a temperature range up to 60 °C and a pressure range up to 14 bar.
Tubing O.D. of 4, 6, 8, 10 and 12 mm with connecting threads M5, R1/8 ... R1/2 and G1/8 ... G1/2.

QSR,
push-in fitting, rotatable

Datasheets ➔ Internet: qsr

Push-in fitting with swivel joint, can be rotated 360°. The ball bearing enables rotating movements in the application up to max. 500 rpm. For pneumatic applications with a temperature range up to 60 °C and a pressure range up to 14 bar.
Tubing O.D. of 4, 6, 8, 10 and 12 mm with connecting threads M5, R1/8 ... R1/2 and G1/8 ... G1/2.

Quick connectors – Product range

NPCK

Datasheets ➔ Internet: npck

Stainless steel fitting for use in areas subject to intensive cleaning. Maximum level of corrosion resistance CRC 4. For pneumatic applications with a temperature range up to 120 °C and a pressure range up to 12 bar.
Tubing O.D. of 4, 6, 8 and 10 mm with connecting thread M5 and G1/8 ... G3/8.

Click fittings – Product range

NPKA

Datasheets ➔ Internet: npka

Polymer fitting for easy installation with one hand. Hydrolysis-resistant, FDA-compliant and easy to clean. For pneumatic applications with a temperature range up to 60 °C and a pressure range up to 10 bar.
Tubing O.D. of 6 mm with connecting thread G1/8.

Simply "plug and work"

The stainless steel retaining claw holds the tubing securely without damaging its surface. Vibration and pressure surges are absorbed.

Reliably connected

A nitrile rubber sealing ring guarantees a perfect seal between the standard O.D. tubing and the body of the fitting. The standard tubing combined with the Festo push-in connector is suitable for compressed air and vacuum.

The captive seal

All brass parts of the push-in fittings from Festo are nickel-plated and thus highly resistant to corrosion. The tapered ISO R threads have a self-sealing PTFE coating, which allows the fitting to be re-used up to five times without the need for additional sealing components.

Rotatable

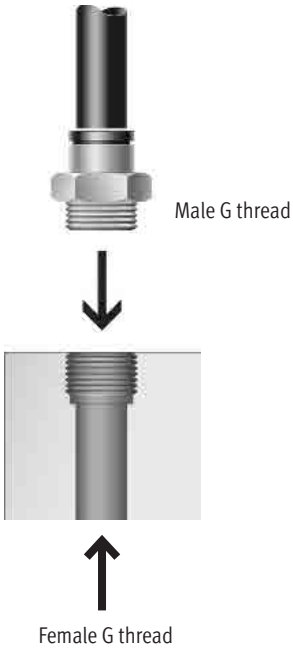
It can be rotated once it has been fitted.

Key features

Which fitting fits which thread?

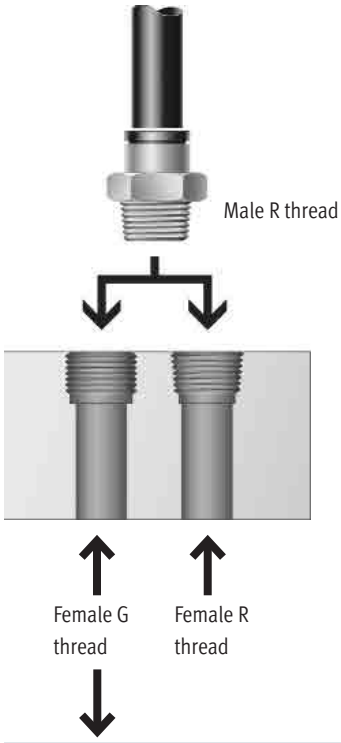
G thread to ISO 228-1

- Shorter thread
- Constant installation depth
- Replaceable sealing ring
- Sealing on front face
- Can be re-used a number of times thanks to replaceable sealing ring.



R thread to EN 10226-1 and ISO 7/1

- Self-sealing thread
- Sealing via coated threads
- No additional sealing surface required
- Smaller installation dimensions since there is no need for an offset for the sealing surface
- Can be reused up to 5 times.



Note

If male R threads are combined with female G threads, leakage can occur if the female G thread was not manufactured cleanly or if it is not within permissible tolerances. In this case additional sealing, e.g. using a sealing band, is required.

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 turning it 1 or 2 times using an open-ended spanner. The fitting can be reinstalled up to five times.

When screwing in R threads several times, you must make sure that the abraded particles from the sealing material coating cannot enter the compressed air system.

Tube mounting/dismounting

Mounting

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.

1) Insert tubing as far as the stop.
   It is important to ensure that the tubing is inserted into the inner seal. Depending on the tolerance between the tubing and the seal, the contact of the tubing with the seal may be wrongly interpreted as the stop.
2) Check that the tubing connection is secure by pulling gently on the tube.

Dismantling

1) The tubing can be detached easily by pressing and holding down the releasing ring. Carefully remove the tubing from the fitting.
2) Before re-using the tubing, remove the damaged part by cutting it off.

Technical data

General technical data

Design		Push-pull principle
Mounting position		Any
Type of seal on the screwed trunnion		Sealing ring for G thread
		Coating for R thread
Nominal tightening torque	[Nm]	7 ±20% with G1/8 male thread
		9 ±20% with G1/4 male thread
		15.5 ±20% with G3/8 male thread
		26 ±20% with G1/2 male thread
Tubing insertion depth[1]	[mm]	20 for tubing O.D. 4 mm
		22 for tubing O.D. 6 mm
		23.5 for tubing O.D. 8 mm
		26 for tubing O.D. 10 mm
		28.5 for tubing O.D. 12 mm

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

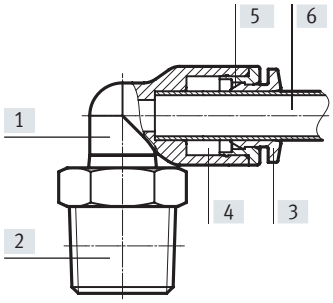
Operating and environmental conditions

Operating pressure for entire temperature range	[bar]	–0.95 ... +10
Operating medium		Compressed air to ISO 8573-1:2010 [7:–:–]
		Water as per manufacturer's declaration[1]
Note on the operating/pilot medium		Operation with lubricated medium possible
Ambient temperature	[°C]	0 ... +60
Corrosion resistance class CRC[2]		2 - Moderate corrosion stress
Material fire test		UL94 V-0 (housing, releasing ring)
Maritime classification		See certificate[1]

1) Additional information: www.festo.com/catalogue/qs-v0 → Support/Downloads.
2) Corrosion resistance class CRC 2 to Festo standard FN 940070
Moderate corrosion stress. Indoor applications in which condensation can occur. External visible parts with primarily decorative surface requirements that are in direct contact with a normal industrial environment.

Materials

Sectional view



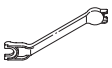
Type		QS-V0, resistant to welding spatter
[1]	Housing	Reinforced PBT
[2]	Screwed trunnion	Nickel-plated brass
[3]	Releasing ring	Reinforced PBT (colour: black)
[4]	Tubing seal	NBR
[5]	Tube clamping segment	High-alloy stainless steel Brass
[6]	Plastic tubing, standard O.D.	PAN-V0
Note on materials		RoHS-compliant

Possible push-in fitting/tubing combinations

Thread	Tubing O.D. [mm]				
	4	6	8	10	12
R1/8	+	++	+	–	–
R1/4	–	+	++	+	+
R3/8	–	–	+	++	+
R1/2	–	–	–	+	++
G1/8	–	++	+	–	–
G1/4	–	+	++	+	+
G3/8	–	–	+	++	+
G1/2	–	–	–	+	++

\+ Possible thread/tubing O.D. combinations
++ Optimum thread/tubing O.D. combination (for the flow rate)

Product range overview

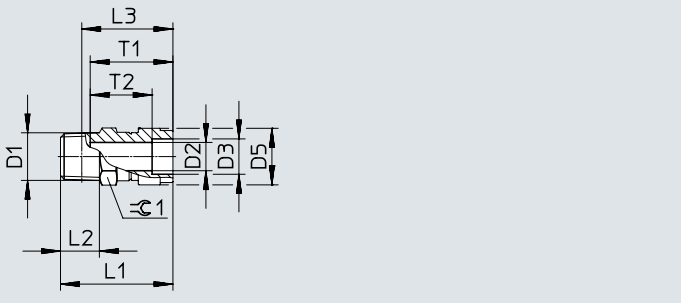
Design	Version	Type	Connection D1			Connection D2	→ Page/ Internet
			R thread	G thread	Tubing O.D.	Tubing O.D.	
To UL94 V-0 – For plastic tubing PAN/PUN-V0							
Straight shape	**Push-in fitting – Male thread with external hex**						
		**QS-V0**	R1/8	G1/8	–	4[1], 6, 8	8
			R1/4	G1/4		6, 8, 10, 12	
			R3/8	G3/8		8, 10, 12	
			R1/2	G1/2		10, 12	
	Push-in connector						
		**QS-V0**	–	–	4	–	9
					6		
					8		
					10		
					12		
L-shape	**Push-in L-fitting – Male thread with external hex**						
		**QSL-V0**	R1/8	G1/8	–	4[1], 6, 8	10
			R1/4	G1/4		6, 8, 10, 12	
			R3/8	G3/8		8, 10, 12	
			R1/2	G1/2		10, 12	
	Push-in L-connector						
		**QSL-V0**	–	–	4	–	11
					6		
					8		
					10		
					12		
T-shape	**Push-in T-fitting – Male thread with external hex**						
		**QST-V0**	R1/8	G1/8	–	4[1], 6, 8	12
			R1/4	G1/4		6, 8, 10, 12	
			R3/8	G3/8		8, 10, 12	
			R1/2	G1/2		10, 12	
	Push-in T-connector						
		**QST-V0**	–	–	4	–	13
					6		
					8		
					10		
					12		
Releasing tool	**Quick-out releasing tool for push-in connections**						
		**QSO**					14

1) Only in conjunction with R thread

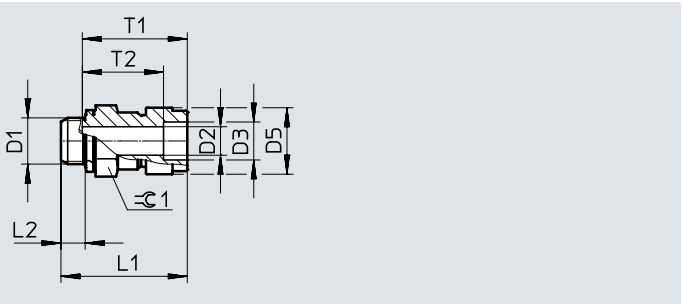
Datasheet

Push-in fitting QS-V0
Male thread with external hex

R thread



G thread



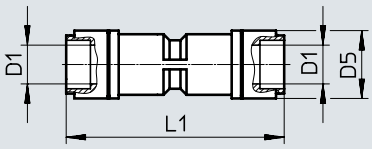
Dimensions and ordering data

Pneumatic connection		Nominal size	Dimensions [mm]								Weight/ piece	Part no.	Type	Pcs.[1]
Male thread	For tubing O.D.		D3 ø	D5 ø	L1	L2	L3	T1	T2	⊂1				
D1	D2	[mm]									[g]			
R thread														
R1/8	4	3	6	12	26.1	8	22.1	20	15	10	7.9	**132888**	**QS-V0-1/8-4**	**1**
	6	5	8	14	27.4	8	23.4	22.1	16.5	12	8.7	**160500**	**QS-V0-1/8-6**	**10**
	8	6	10	16	33.1	8	29.1	23.4	17.5	14	14	**160501**	**QS-V0-1/8-8**	**10**
R1/4	6	5	8	14	28.8	11	22.7	22.1	16.5	14	15	**160502**	**QS-V0-1/4-6**	**10**
	8	7	10	16	31.8	11	25.8	23.4	17.5	14	15	**160503**	**QS-V0-1/4-8**	**10**
	10	8.5	12	19	35	11	29	25.9	20	17	20	**160504**	**QS-V0-1/4-10**	**10**
	12	8.5	14	22	40.9	11	34.9	28.3	23.3	21	28	**160505**	**QS-V0-1/4-12**	**1**
R3/8	8	7	10	16	30.7	12	24.4	23.4	17.5	17	25	**160506**	**QS-V0-3/8-8**	**10**
	10	9	12	19	34.5	12	28.2	25.9	20	17	25	**160507**	**QS-V0-3/8-10**	**10**
	12	11	14	22	36.9	12	30.6	28.3	23.3	21	31	**160508**	**QS-V0-3/8-12**	**1**
R1/2	10	9	12	19	35.6	15	27.4	25.9	20	21	46	**160509**	**QS-V0-1/2-10**	**1**
	12	11	14	22	38.9	15	30.7	28.3	23.3	21	45	**160510**	**QS-V0-1/2-12**	**1**
G thread with sealing ring														
G1/8	6	5	8	14	25.7	4.2	–	22.1	16.5	13	8.7	**186314**	**QS-V0-G1/8-6**	**10**
	8	6	10	16	31	4.2	–	23.4	17.5	14	13	**186315**	**QS-V0-G1/8-8**	**10**
G1/4	6	5	8	14	26.3	4.8	–	22.1	16.5	17	17	**186316**	**QS-V0-G1/4-6**	**10**
	8	7	10	16	27.1	4.8	–	23.4	17.5	17	15	**186317**	**QS-V0-G1/4-8**	**10**
	10	8.5	12	19	34.1	4.8	–	25.9	20	17	22	**186318**	**QS-V0-G1/4-10**	**10**
	12	8.5	14	22	39.1	4.8	–	28.3	23.3	21	30	**186319**	**QS-V0-G1/4-12**	**1**
G3/8	8	7	10	16	26.9	5.8	–	23.4	17.5	19	22	**186320**	**QS-V0-G3/8-8**	**10**
	10	9	12	19	30.6	5.8	–	25.9	20	19	23	**186321**	**QS-V0-G3/8-10**	**10**
	12	11	14	22	36.5	5.8	–	28.3	23.3	21	33	**186322**	**QS-V0-G3/8-12**	**1**
G1/2	10	9	12	19	31.3	6.8	–	25.9	20	24	43	**186323**	**QS-V0-G1/2-10**	**1**
	12	11	14	22	33	6.8	–	28.3	23.3	24	40	**186324**	**QS-V0-G1/2-12**	**1**

1) Pack size

Datasheet

Push-in connector QS-V0



Dimensions and ordering data

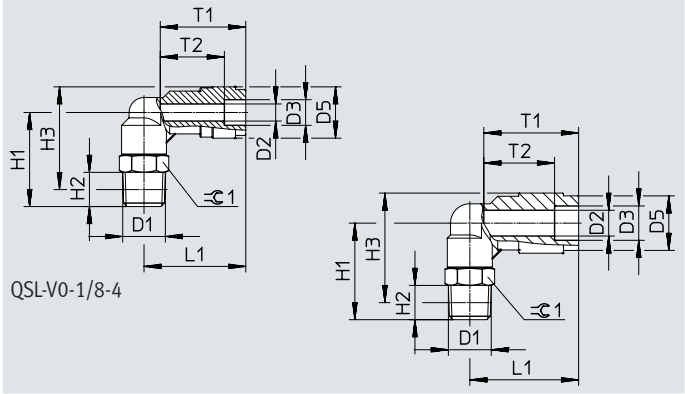
Pneumatic connection	Nominal size	Dimensions [mm]		Weight/ piece	Part no.	Type	Pcs.[1]
For tubing O.D.		D5 ø	L1				
D1	[mm]			[g]			
4	2.8	12	41	6.1	**132890**	**QS-V0-4**	**1**
6	4.3	14	45.1	7.8	**160546**	**QS-V0-6**	**10**
8	7	16	48.2	11	**160547**	**QS-V0-8**	**10**
10	9	19	51.8	17	**160548**	**QS-V0-10**	**10**
12	11	22.2	57.8	25	**160549**	**QS-V0-12**	**1**

1) Pack size

Datasheet

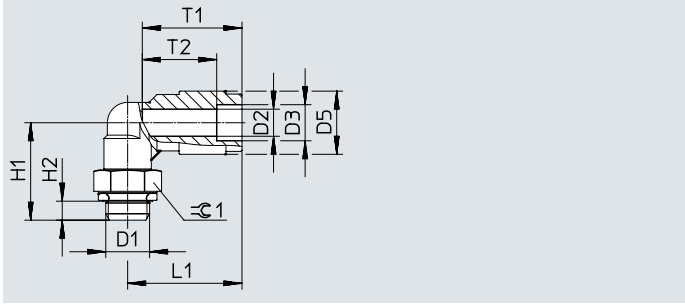
Push-in L-fitting QSL-V0
Male thread with external hex

R thread



QSL-V0-1/8-4

G thread



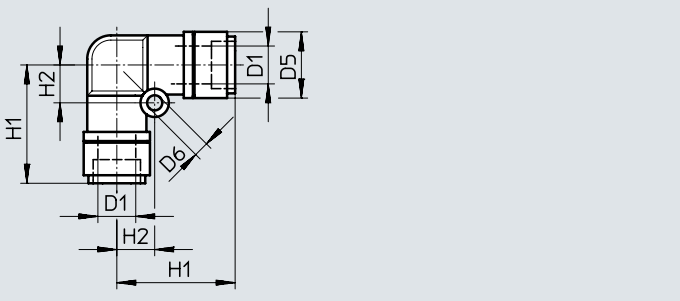
Dimensions and ordering data

Pneumatic connection		Nominal size	Dimensions [mm]									Weight/ piece	Part no.	Type	Pcs.[1]
Male thread	For tubing O.D.		D3 ø	D5 ø	H1	H2	H3	L1	T1	T2	⌀ 1				
D1	D2	[mm]										[g]			
R thread															
R1/8	4	2.8	6	12	22	8	24	23.8	20	15	10	11	**132891**	**QSL-V0-1/8-4**	**1**
	6	4.2	8	14	22.5	8	25.5	25.4	22.1	16.5	10	12	**160511**	**QSL-V0-1/8-6**	**10**
	8	6	10	16	24	8	28	27.9	23.3	17.4	12	15	**160512**	**QSL-V0-1/8-8**	**10**
R1/4	6	4.3	8	14	28	11	29	28.9	22.1	16.5	14	20	**160513**	**QSL-V0-1/4-6**	**10**
	8	6.7	10	16	28	11	30	28.9	23.3	17.4	14	21	**160514**	**QSL-V0-1/4-8**	**10**
	10	8	12	19	28.5	11	32	31.2	25.4	19.5	14	25	**160515**	**QSL-V0-1/4-10**	**10**
	12	8	14	22.2	29.8	11	34.8	34	28.4	23.4	14	29	**160516**	**QSL-V0-1/4-12**	**1**
R3/8	8	6.7	10	16	31	12	32.7	29.9	23.3	17.4	17	32	**160517**	**QSL-V0-3/8-8**	**10**
	10	8.3	12	19	32	12	35.2	32.2	25.4	19.5	17	36	**160518**	**QSL-V0-3/8-10**	**10**
	12	10	14	22.2	32.5	12	37.3	34.7	28.4	23.4	17	40	**160519**	**QSL-V0-3/8-12**	**1**
R1/2	10	8.3	12	19	36	15	37.3	32.7	25.4	19.5	21	59	**160520**	**QSL-V0-1/2-10**	**1**
	12	10.3	14	22.2	36.5	15	39.4	35.7	28.4	23.4	21	64	**160521**	**QSL-V0-1/2-12**	**1**
G thread with sealing ring															
G1/8	6	4.2	8	14	21.6	4.2	–	25.4	22.1	16.5	13	15	**186325**	**QSL-V0-G1/8-6**	**10**
	8	6	10	16	22.1	4.2	–	27.9	23.3	17.4	13	16	**186326**	**QSL-V0-G1/8-8**	**10**
G1/4	6	4.3	8	14	24.7	4.8	–	26.9	22.1	16.5	17	23	**186327**	**QSL-V0-G1/4-6**	**10**
	8	6.7	10	16	24.7	4.8	–	28.9	23.3	17.4	17	25	**186328**	**QSL-V0-G1/4-8**	**10**
	10	8	12	19	25.2	4.8	–	31.2	25.4	19.5	17	29	**186329**	**QSL-V0-G1/4-10**	**10**
	12	8	14	22.2	26.5	4.8	–	34	28.4	23.4	17	33	**186330**	**QSL-V0-G1/4-12**	**1**
G3/8	8	6.7	10	16	27.2	5.8	–	29.9	23.3	17.4	19	33	**186331**	**QSL-V0-G3/8-8**	**10**
	10	8.3	12	19	28.2	5.8	–	32.2	25.4	19.5	19	37	**186332**	**QSL-V0-G3/8-10**	**10**
	12	10	14	22.2	28.7	5.8	–	34.7	28.4	23.4	19	41	**186333**	**QSL-V0-G3/8-12**	**1**
G1/2	10	8.3	12	19	31.7	6.8	–	32.7	25.4	19.5	24	65	**186334**	**QSL-V0-G1/2-10**	**1**
	12	10.3	14	22.2	32.2	6.8	–	35.7	28.4	23.4	24	69	**186335**	**QSL-V0-G1/2-12**	**1**

1) Pack size

Datasheet

Push-in L-connector QSL-V0



Dimensions and ordering data

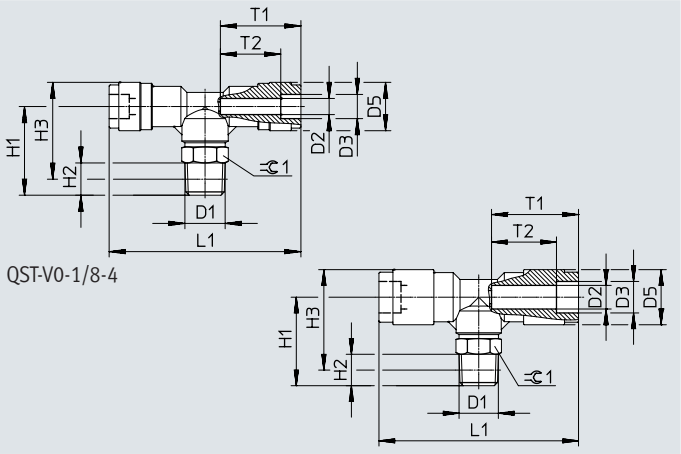
Pneumatic connection	Nominal size	Dimensions [mm]				Weight/ piece	Part no.	Type	Pcs.[1]
For tubing O.D. D1	[mm]	D5 ø	D6 ø	H1	H2	[g]			
4	2.8	12	3.2	22	6.5	6.5	**132893**	**QSL-V0-4**	**1**
6	5	14	3.2	25.2	8	8.6	**160540**	**QSL-V0-6**	**10**
8	7.2	16	4.2	27.6	10	13	**160541**	**QSL-V0-8**	**10**
10	8.3	19	4.2	31.4	12	19	**160542**	**QSL-V0-10**	**10**
12	10	22.2	4.2	34.4	14	28	**160543**	**QSL-V0-12**	**1**

1) Pack size

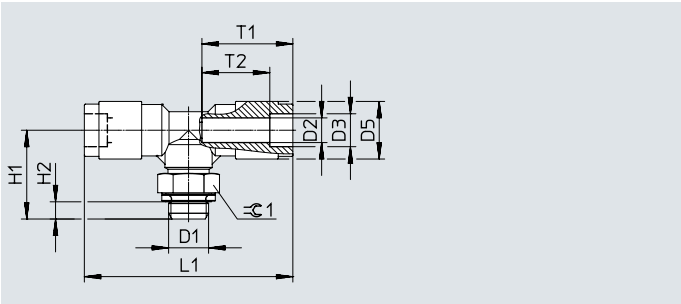
Datasheet

Push-in T-fitting QST-V0
Male thread with external hex

R thread



G thread



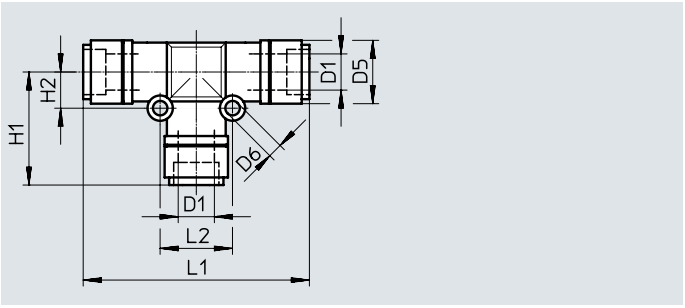
Dimensions and ordering data

Pneumatic connection		Nominal size	Dimensions [mm]									Weight/ piece	Part no.	Type	Pcs.[1]
Male thread	For tubing O.D.		D3 ø	D5 ø	H1	H2	H3	L1	T1	T2	⊂ 1				
D1	D2	[mm]										[g]			
R thread															
R1/8	4	2.8	6	12	22	8	24	47.6	20	15	10	14	**132894**	**QST-V0-1/8-4**	**1**
	6	4.2	8	14	22.5	8	25.5	50.7	22.1	16.5	10	16	**160522**	**QST-V0-1/8-6**	**10**
	8	6	10	16	24	8	28	55.8	23.3	17.4	12	20	**160523**	**QST-V0-1/8-8**	**10**
R1/4	6	4.3	8	14	28	11	29	53.7	22.1	16.5	14	24	**160524**	**QST-V0-1/4-6**	**10**
	8	6.7	10	16	28	11	30	57.8	23.3	17.4	14	26	**160525**	**QST-V0-1/4-8**	**10**
	10	8	12	19	28.5	11	32	62.4	25.4	19.5	14	33	**160526**	**QST-V0-1/4-10**	**10**
	12	8	14	22.2	29.8	11	34.8	67.9	28.4	23.4	14	42	**160527**	**QST-V0-1/4-12**	**1**
R3/8	8	6.7	10	16	31	12	32.7	59.8	23.3	17.4	17	37	**160528**	**QST-V0-3/8-8**	**10**
	10	8.3	12	19	32	12	35.2	64.4	25.4	19.5	17	44	**160529**	**QST-V0-3/8-10**	**10**
	12	10	14	22.2	32.5	12	37.3	69.4	28.4	23.4	17	53	**160530**	**QST-V0-3/8-12**	**1**
R1/2	10	8.3	12	19	36	15	37.3	65.4	25.4	19.5	21	68	**160531**	**QST-V0-1/2-10**	**1**
	12	10.3	14	22.2	36.5	15	39.4	71.4	28.4	23.4	21	77	**160532**	**QST-V0-1/2-12**	**1**
G thread with sealing ring															
G1/8	6	4.2	8	14	21.6	4.2	–	50.8	22.1	16.5	13	19	**186336**	**QST-V0-G1/8-6**	**10**
	8	6	10	16	22.1	4.2	–	55.8	23.3	17.4	13	21	**186337**	**QST-V0-G1/8-8**	**10**
G1/4	6	4.3	8	14	24.7	4.8	–	53.8	22.1	16.5	17	28	**186338**	**QST-V0-G1/4-6**	**10**
	8	6.7	10	16	24.7	4.8	–	57.8	23.3	17.4	17	30	**186339**	**QST-V0-G1/4-8**	**10**
	10	8	12	19	25.2	4.8	–	62.4	25.4	19.5	17	37	**186340**	**QST-V0-G1/4-10**	**10**
	12	8	14	22.2	26.5	4.8	–	67.9	28.4	23.4	17	46	**186341**	**QST-V0-G1/4-12**	**1**
G3/8	8	6.7	10	16	27.2	5.8	–	59.8	23.3	17.4	19	39	**186342**	**QST-V0-G3/8-8**	**10**
	10	8.3	12	19	28.2	5.8	–	64.4	25.4	19.5	19	46	**186343**	**QST-V0-G3/8-10**	**10**
	12	10	14	22.2	28.7	5.8	–	69.4	28.4	23.4	19	54	**186344**	**QST-V0-G3/8-12**	**1**
G1/2	10	8.3	12	19	31.7	6.8	–	65.4	25.4	19.5	24	73	**186345**	**QST-V0-G1/2-10**	**1**
	12	10.3	14	22.2	32.2	6.8	–	71.4	28.4	23.4	24	82	**186346**	**QST-V0-G1/2-12**	**1**

1) Pack size

Datasheet

Push-in T-connector QST-V0



Dimensions and ordering data

Pneumatic connection	Nominal size	Dimensions [mm]						Weight/ piece	Part no.	Type	Pcs.[1]
For tubing O.D. D1	[mm]	D5 ø	D6 ø	H1	H2	L1	L2	[g]			
4	2.8	12	3.2	22.3	6.5	44.6	13	9.6	**132896**	**QST-V0-4**	**1**
6	4.8	14	3.2	25.15	8	50.3	16	14	**160533**	**QST-V0-6**	**10**
8	6.2	16	3.2	27.4	9	54.8	18	18	**160534**	**QST-V0-8**	**10**
10	8.1	19	4.2	30.4	12	60.8	24	27	**160535**	**QST-V0-10**	**10**
12	10	22.2	4.2	33.2	14	66.8	28	40	**160536**	**QST-V0-12**	**1**

1) Pack size

Accessories

Releasing tool QSO
Releasing tool for disconnecting tubing from the plug-in connection in locations that are difficult to access.

Dimensions and ordering data

For tubing O.D.	Weight/ piece [g]	Part no.	Type
4, 6, 8, 10	13	**158419**	**QSO**

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