Push-in fittings CRQS, Quick Star, stainless steel

FESTO

Push-in fittings CRQS, Quick Star, stainless steel

Features

Application

Effortless selection of the right fitting. Quick Star offers a secure solution for every connection. The convenient push-in fitting system includes well over 1000 types of standard and function fittings.

Overview of tubing/fitting combination

Applications	Fitting	Tubing	Description
Economical	QS-B	PEN	The universal combination at an attractive price. Can be widely used thanks to resistant materials. Easy to install thanks to optimised bending radii. Limited reset effect.
	NPQM	PEN	Attractively priced: the universal solution for metal fittings. Perfect for standard pneumatic applications – in many different fields.
Wide range of variants	QS	PUN	Over 1000 types for maximum flexibility in standard applications.
Hydrolysis resistant	QS	PUN-H	For applications in damp environments or in contact with water at up to 60 °C. PUN-H - microbe-resistant thanks to modified plastic.
Resistant to pressure	QS	PAN	Secure connection when used with pressure ranges of up to 14 bar. Economical for pneumatic installations in the high pressure ranges.
	NPQH	PAN-R	The powerful combination for applications involving pressure ranges up to 16 bar: For example, for applications with the pressure booster DPA.
	QS	PAN-MF	Robust, flexible and reliable connection for the automotive industry. Fulfils the requirements according to DIN 73378.
Heat resistant	NPQH	PFAN	For reliable compressed air supply in high temperature ranges. Whether with 10 bar at 80 °C or 6 bar at 150 °C – always delivers maximum process security.
Anti-static	NPQM	PUN-CM	Electrically conductive tubing combined with a solid-metal fitting
Approved for the food industry	NPQH	PUN-H	Food and Drug Administration certification for use in the food industry: The hydrolysis-resistant combination with increased functions.
	CRQS	PFAN	Designed to meet the highest demands, thanks to maximum corrosion protection: This combination shines in applications which require the highest possible hygiene standards for food.
Resistant to cleaning agents	NPQP	PLN	The cost-effective alternative to stainless steel, perfect for e.g. critical environments such as the splash zone: resistant to practically all common cleaning agents, with maximum corrosion protection.
Resistant to media	NPQP	PFAN	Completely resistant to all cleaning agents and lubricants and even permits the transportation of acids and lyes without any problems.
Flame-retardant	NPQM	PUN-V0	Safe in areas where there is a risk of fire thanks to flame-retardant properties to UL94.
Resistant to welding spatter	NPQH	PUN-V0-C	The economical combination for applications not in close proximity to welding applications. Reliable thanks to a tubing wall thickness of 2 mm for all diameters.
	QS-V0	PAN-V0	Also reliable for applications in direct proximity to welding splatter. Double-sheathed tube and special fitting.

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Features

Push-in fittings product range

QSM, Quick Star, Mini

Technical data ➔ 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, R⅛ and G⅛.

QS, Quick Star, standard

Technical data ➔ 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 and 16 mm with connecting threads R⅛ ... R½ and G⅛ ... G½.

QSM-B, Quick Star, Mini

Technical data ➔ Internet: qsm-b

Miniature push-in fittings for maximum component density in confined spaces. For core pneumatic applications with a temperature range up to 60 °C and a pressure range up to 10 bar.
Tubing O.D.∅ of 3, 4 and 6 mm with connecting threads M3, M5, M7 and R⅛.

QS-B, Quick Star, standard

Technical data ➔ Internet: qs-b

Push-in fittings for core 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, 12 and 16 mm with connecting threads M5 and R⅛ ... R½.

CRQS, Quick Star, stainless steel

Technical data ➔ Internet: crqs

Stainless steel push-in fitting. High corrosion resistance (CRC4) 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 R⅛ ... R½ .

QS-V0, Quick Star, flame-retardant

Technical data ➔ 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 R⅛ ... R½ and G⅛ ... G½ .

Push-in fittings CRQS, Quick Star, stainless steel

Features

Push-in fittings product range

NPQH — Technical data ➔ Internet: npqh

All metal push-in fitting made of chemically nickel-plated brass. High corrosion resistance (CRC3) and chemical resistance with approval for use in the food and packaging industry. 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, 12 and 14 mm with connecting threads M5, M7 and G⅛ ... G½ .

NPQM — Technical data ➔ 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 threads M5, M7 and G⅛ ... G½ .

NPQP — Technical data ➔ 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 R⅛ ... R½.

Functional push-in fittings product range

QSK, Quick Star, self-sealing push-in fitting — Technical data ➔ 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, R⅛ ... R½ and G⅛ ... G½.

QSR, Quick Star, rotary push-in fitting — Technical data ➔ Internet: qsr

Push-in fitting with swivel connection, rotatable by 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, R⅛ ... R½ and G⅛ ... G½.

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Features

CRQS, the stainless steel fitting

Highest process reliability in every case
Highest corrosion resistance and maximum robustness: the CRQS stays leak-proof even when subjected to extreme temperature, pressure and resistance.

Unlimited use in the food industry
The push-in fitting CRQS can be used in combination with the plastic tubing PFAN, which is approved for use in the food industry, in all areas of the Food & Packaging industry, e.g. wherever the use of stainless steel is stipulated. Used together, they easily resist all cleaning agents and lubricants and can also be used with highly aggressive acids and lyes.

Simply "plug and work"

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

Reliably connected

A fluoro elastomer sealing ring guarantees a perfect seal between the standard tubing and the body of the fitting.
Standard tubing is suitable for use with compressed air and vacuum.

Orientable

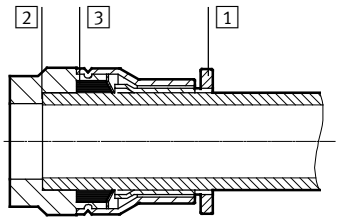
The fitting can be aligned after assembly.

Tube assembly/disassembly

Mounting

The prerequisite for ensuring that the inside seal [3] is securely held and protected against damage is that the tube be cut to straight lengths and deburred.

1) Pull out releasing ring [1].
2) Insert tubing until the end stop [2].
   It is important to ensure that the tubing is inserted into the inside seal [3]. Depending on the tolerance position of the tubing and the seal, the contact of the tubing with the seal may be wrongly interpreted as the end stop.
3) Check that the tubing connector is securely held by pulling gently on the tube.



Dismantling

1) The tubing can be detached easily by pressing down and holding the releasing ring [1]. Remove the tubing carefully from the threaded connector.
2) Before re-using the tubing, remove the damaged part by cutting it off.

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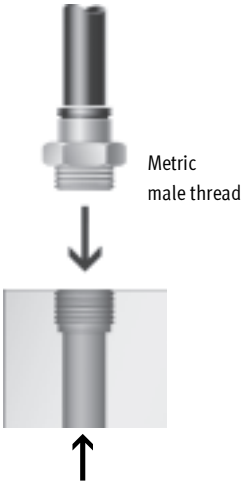
Features

Which fitting fits which thread?

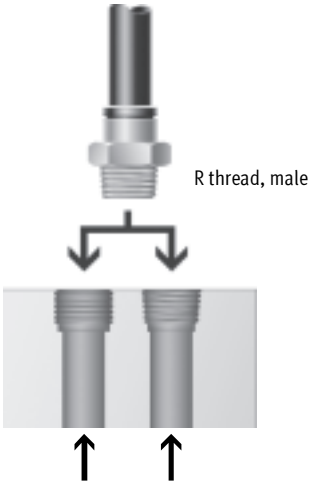
Metric thread

- 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
- Sealing is guaranteed as the O-ring sits in a groove that seals against the tube



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

- Self-sealing thread
- 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

An appropriate sealing material is required to seal the push-in fitting CRQS with R thread.

Push-in fittings CRQS, Quick Star, stainless steel

Technical data

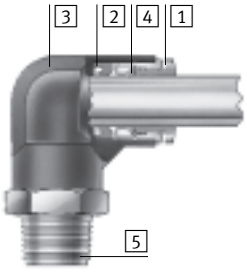
General technical data	
Size	Standard
Design	Push-pull principle
Mounting position	Any
Type of seal on threaded plug	Sealing ring (metric thread)
	Coating (R thread)
Usable lines	PFAN

Operating and environmental conditions	
Operating pressure [bar] complete temperature range	–0.95 ... +10
Operating medium	Compressed air to ISO 8573-1:2010 [7:–:–]
Note about the operating/pilot medium	Operation with lubricated medium possible
Ambient temperature [°C]	–15 ... +120
Corrosion resistance class CRC[1)]	4
Suitable for use in the food industry	As per manufacturer's declaration
Approval	Germanischer Lloyd

1) CRC4: Corrosion resistance class to Festo standard 940 070
Components with very heavy corrosion exposure. Components in contact with aggressive media, e.g. in food or chemical industries. These applications must, if necessary, be verified by special tests with the media concerned.

Materials

Sectional view



Push-in fitting CRQS	
1 Releasing ring	High-alloy stainless steel
2 Tubing seal	Fluoro elastomer
3 Housing	High-alloy stainless steel
4 Tube retaining claw	High-alloy stainless steel
5 Threaded coupling	High-alloy stainless steel
Note on materials	RoHS-compliant

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Technical data

Recommended tightening torque/screw-in depth

When using Quick Star push-in fittings with internal hex, ensure that the Allen key is not inserted too far into the fitting to prevent the risk of damage to components behind the fitting.

Note

Malfunctions may occur with function fittings when screwed too far into the connecting thread.
The screw-in depth and the recommended tightening torque must therefore be observed. If the recommended tightening torque is exceeded by more than 50%, damage may occur.

Connecting thread	Tightening torque [Nm]	Approx. screw-in depth [mm]
M thread		
M5	1.5	3
R thread		
R⅛	7	4
R¼	12	6
R⅜	22	6.5
R½	28	8

Tubing insertion depth

Tubing O.D. [mm]		4	6	8	10	12	16
Tubing insertion depth	[mm]	18	19.5	21.5	25.5	27	32

Possible push-in fitting/tubing combinations

Thread	Tubing O.D. [mm]					
	4	6	8	10	12	16
M5	++	+	–	–	–	–
R⅛	+	++	+	–	–	–
R¼	–	+	++	+	–	–
R⅜	–	–	–	++	+	–
R½	–	–	–	–	++	+

\+ Possible thread/tubing O.D. combinations

++ Optimum thread/tubing O.D. combinations (with regard to flow)

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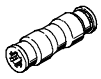
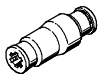
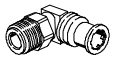
Product range overview

Design	Version	Type	Connection D1			Connection D2	→ Page/ Internet
			M thread	R thread	Tubing O.D.	Tubing O.D.	
Straight design	**Push-in fitting – Male thread with internal/external hex**						
		**CRQS**	M5x0.8	–	–	4, 6	11
			–	R⅛		4, 6, 8	
				R¼		6, 8, 10	
				R⅜		10, 12	
				R½		12, 16	
	Push-in connector						
		**CRQS**	–	–	4	4	13
					6	6	
					8	8	
					10	10	
					12	12	
					16	16	
		**CRQS** reducing	–	–	6	4	13
					8	6	
					10	8	
					12	10	
					16	12	
	Push-in bulkhead connector						
		**CRQSS**	–	–	4	4	13
					6	6	
					8	8	
					10	10	
					12	12	
					16	16	
L-shape	**Push-in L-fitting, orientable – male thread with external hex**						
		**CRQSL**	M5x0.8	–	–	4, 6	14
			–	R⅛		4, 6, 8	
				R¼		6, 8, 10	
				R⅜		10, 12	
				R½		12, 16	
	Push-in L-connector						
		**CRQSL**	–	–	4	–	15
					6		
					8		
					10		
					12		
					16		

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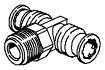
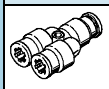
Product range overview

Design	Version	Type	Connection D1			Connection D2	→ Page/ Internet
			M thread	R thread	Tubing O.D.	Tubing O.D.	
T-shape	**Push-in T-fitting, orientable – male thread with external hex**						
		**CRQST**	M5x0.8	–	–	4, 6	16
			–	R⅛		6, 8	
				R¼		8, 10	
				R⅜		10, 12	
				R½		12, 16	
	Push-in T-connector						
		**CRQST**	–	–	4	–	17
					6		
					8		
					10		
					12		
					16		
Y-shape	**Push-in Y-connector**						
		**CRQSY**	–	–	4	–	17
					6		
					8		
					10		
					12		
					16		

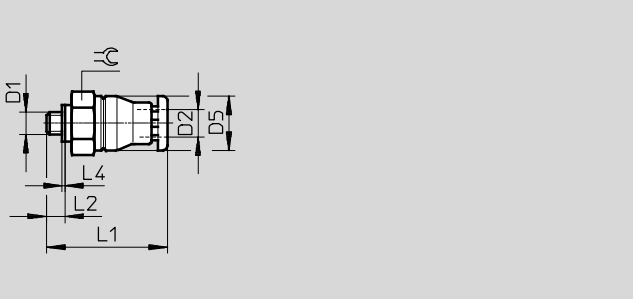
Push-in fittings CRQS, Quick Star, stainless steel

Technical data

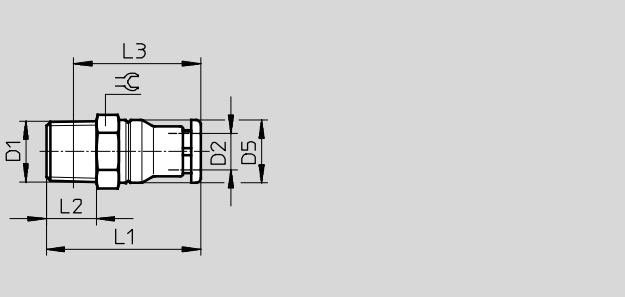
Push-in fitting CRQS

Male thread with external hex

M thread



R thread



Dimensions and ordering data

Connection D1	Nominal size [mm]	Tubing O.D. D2	D5 ∅	L1	L2	L3	L4	⌀	Weight/ piece [g]	Part No.	Type	PU*
Metric thread with sealing ring												
M5x0.8	2	4	9.8	24.4	3	–	0.5	10	6	**162860**	**CRQS-M5-4**	**1**
	2	6	11.8	25.6	3	–	0.5	12	8.4	**162861**	**CRQS-M5-6**	**1**
R thread												
R⅛	2.5	4	9.8	27.4	8	23.4	–	10	8.7	**132643**	**CRQS-⅛-4**	**1**
	4.1	6	11.8	27.6	8	23.7	–	12	9.9	**162862**	**CRQS-⅛-6**	**1**
	5.1	8	13.8	30.9	8	27	–	14	12	**162863**	**CRQS-⅛-8**	**1**
R¼	4.2	6	11.8	31.6	11	25.6	–	14	18	**132644**	**CRQS-¼-6**	**1**
	5.8	8	13.8	33.9	11	27.9	–	14	18	**162864**	**CRQS-¼-8**	**1**
	5.9	10	16.8	36	11	30	–	17	22	**162865**	**CRQS-¼-10**	**1**
R⅜	6	10	16.8	38	12	31.7	–	17	29	**162866**	**CRQS-⅜-10**	**1**
	7.6	12	19.8	39.9	12	33.6	–	21	37	**162867**	**CRQS-⅜-12**	**1**
R½	8.1	12	19.8	42.9	15	34.7	–	22	55	**162868**	**CRQS-½-12**	**1**
	10.1	16	23.7	49.7	15	41.6	–	24	59	**162869**	**CRQS-½-16**	**1**

* Packaging unit quantity

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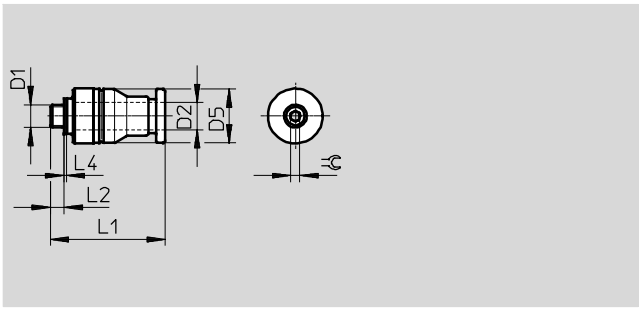
Technical data

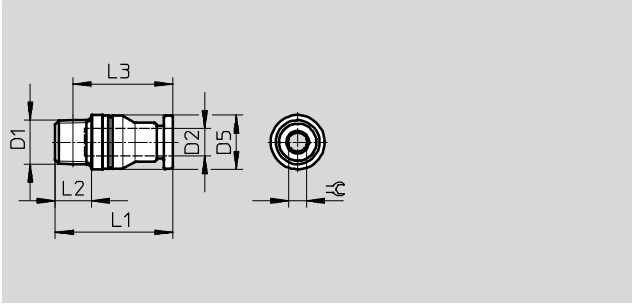
Push-in fitting CRQS-...-I

Male thread with internal hex

M thread



R thread



Dimensions and ordering data

Connection D1	Nominal size [mm]	Tubing O.D. D2	D5 ∅	L1	L2	L3	L4	⫧	Weight/ piece [g]	Part No.	Type	PU*
Metric thread with sealing ring												
M5	2	4	10	22.9	3	–	0.5	2	5	**132328**	**CRQS-M5-4-I**	**1**
	2	6	12	25.1	3	–	0.5	2	7.7	**132329**	**CRQS-M5-6-I**	**1**
R thread												
R⅛	4.1	6	12	26.1	8	22.2	–	4	8.4	**132330**	**CRQS-⅛-6-I**	**1**
	5.1	8	14	30.4	8	26.5	–	5	12	**132331**	**CRQS-⅛-8-I**	**1**
R¼	5.8	8	14	31.4	11	25.4	–	6	15	**132332**	**CRQS-¼-8-I**	**1**
	5.9	10	17	36	11	30	–	6	21	**132333**	**CRQS-¼-10-I**	**1**
R⅜	6	10	17	34	12	27.7	–	6	24	**132334**	**CRQS-⅜-10-I**	**1**
	7.6	12	20	36.4	12	30.1	–	8	28	**132335**	**CRQS-⅜-12-I**	**1**
R½	8.1	12	22	39.4	15	31.2	–	8	45	**132336**	**CRQS-½-12-I**	**1**
	10.1	16	24	46.7	15	38.6	–	12	47	**132337**	**CRQS-½-16-I**	**1**

* Packaging unit quantity

Push-in fittings CRQS, Quick Star, stainless steel

Technical data

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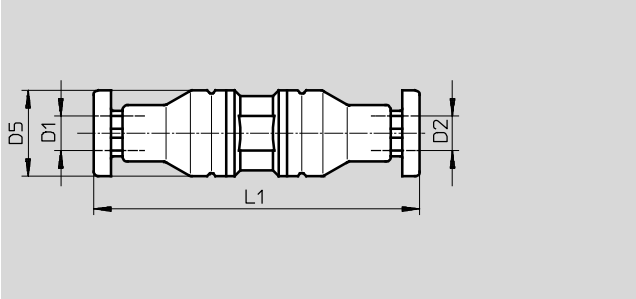
Push-in connector CRQS

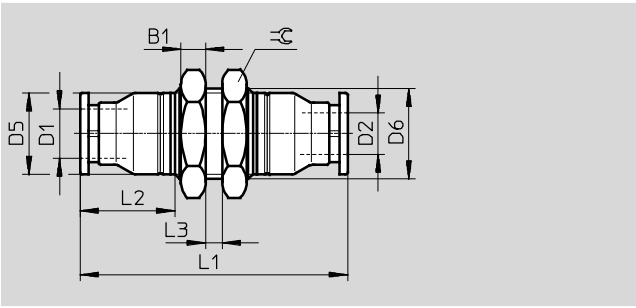


Dimensions and ordering data								
Tubing O.D. D1	Nominal size [mm]	Tubing O.D. D2	D5 ∅	L1	Weight/ piece [g]	Part No.	Type	PU*
4	2.4	4	9.8	37.7	9.1	**130645**	**CRQS-4**	**1**
6	3.7	6	11.8	40.3	14	**130646**	**CRQS-6**	**1**
8	5.8	8	13.8	44.9	18	**130647**	**CRQS-8**	**1**
10	6.6	10	16.8	52	29	**130648**	**CRQS-10**	**1**
12	7.9	12	19.8	55.8	44	**130649**	**CRQS-12**	**1**
16	10.5	16	23.7	66.5	63	**130650**	**CRQS-16**	**1**
Reducing								
6	2.4	4	12	38.8	11	**130651**	**CRQS-6-4**	**1**
8	3.7	6	14	42.4	15	**130652**	**CRQS-8-6**	**1**
10	5.8	8	17	48.5	22	**130653**	**CRQS-10-8**	**1**
12	6.6	10	20	53.9	35	**130654**	**CRQS-12-10**	**1**
16	7.9	12	24	61.1	50	**130655**	**CRQS-16-12**	**1**

* Packaging unit quantity

Push-in bulkhead connector CRQSS

M thread



Dimensions and ordering data												
Tubing O.D. D1	Nominal size [mm]	Tubing O.D. D2	B1	D5 ∅	D6 ∅	L1	L2	L3 max.	⫧	Weight/ piece [g]	Part No.	Type	PU*
Metric thread with sealing ring													
4	2.4	4	4	9.8	M12x1	43.7	15.4	4	14	19	**164210**	**CRQSS-4**	**1**
6	3.7	6	4	11.8	M14x1	46.3	15.6	6	17	27	**164211**	**CRQSS-6**	**1**
8	5.7	8	4	13.8	M16x1	50.9	17.9	6	19	35	**164213**	**CRQSS-8**	**1**
10	6.7	10	5	16.8	M20x1	57	20	6	24	60	**164215**	**CRQSS-10**	**1**
12	7.9	12	6	19.8	M22x1	62.8	21.9	6	27	87	**164217**	**CRQSS-12**	**1**
16	10.4	16	6	23.7	M27x1.5	72.6	26.7	6	32	118	**164219**	**CRQSS-16**	**1**

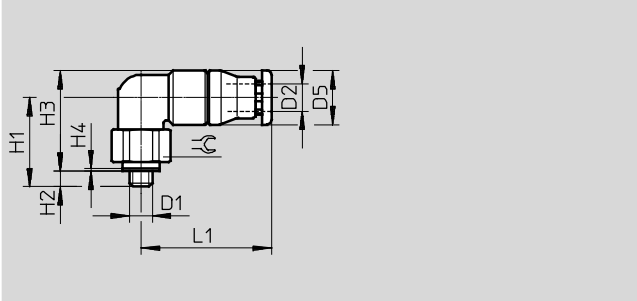
* Packaging unit quantity

Push-in fittings CRQS, Quick Star, stainless steel

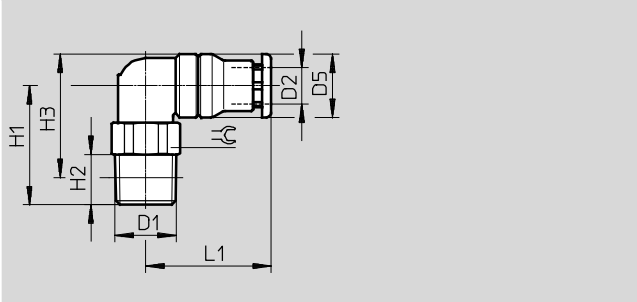
Technical data

Push-in L-fitting CRQSL
Orientable
Male thread with external hex

M thread



R thread



Dimensions and ordering data

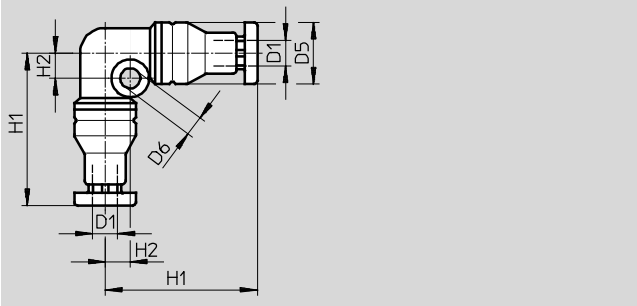
Connection D1	Nominal size [mm]	Tubing O.D. D2	D5 ∅	H1	H2	H3	H4	L1	⌀	Weight/ piece [g]	Part No.	Type	PU*
Metric thread with sealing ring													
M5x0.8	2	4	9.8	17	3	18.9	0.5	22.4	10	12	**162870**	**CRQSL-M5-4**	**1**
	2	6	11.8	19	3	21.9	0.5	23.6	12	18	**162871**	**CRQSL-M5-6**	**1**
R thread													
R⅛	2.2	4	9.8	19	8	19.9	–	22.4	10	14	**132598**	**CRQSL-⅛-4**	**1**
	3.9	6	11.8	20.5	8	22.4	–	23.6	12	19	**162872**	**CRQSL-⅛-6**	**1**
	5.2	8	13.8	23	8	25.9	–	26.4	14	26	**162873**	**CRQSL-⅛-8**	**1**
R¼	3.6	6	11.8	23	11	22.9	–	23.6	14	26	**132599**	**CRQSL-¼-6**	**1**
	5.1	8	13.8	25	11	25.9	–	26.4	14	30	**162874**	**CRQSL-¼-8**	**1**
	6	10	16.8	28.5	11	30.9	–	30.5	17	42	**162875**	**CRQSL-¼-10**	**1**
R⅜	6	10	16.8	28.5	12	30.6	–	30.5	17	49	**162876**	**CRQSL-⅜-10**	**1**
	8.1	12	19.8	30	12	33.6	–	33.4	21	65	**162877**	**CRQSL-⅜-12**	**1**
R½	7.9	12	19.8	34	15	35.7	–	33.4	22	85	**162878**	**CRQSL-½-12**	**1**
	9.4	16	23.7	36	15	39.7	–	40.7	24	99	**162879**	**CRQSL-½-16**	**1**

* Packaging unit quantity

Push-in fittings CRQS, Quick Star, stainless steel

Technical data

Push-in L-connector CRQSL



Dimensions and ordering data

Tubing O.D. D1	Nominal size [mm]	D5 ∅	D6 ∅	H1	H2	Weight/ piece [g]	Part No.	Type	PU*
4	2.1	9.8	3.2	24.4	4	13	**130662**	**CRQSL-4**	**1**
6	3.5	11.8	3.2	26.6	5	20	**130663**	**CRQSL-6**	**1**
8	5.1	13.8	3.2	29.9	6	27	**130664**	**CRQSL-8**	**1**
10	6.1	16.8	4.2	35	7	42	**130665**	**CRQSL-10**	**1**
12	7.8	19.8	4.2	37.9	8	62	**130666**	**CRQSL-12**	**1**
16	9.4	23.7	4.2	45.2	9.5	91	**130667**	**CRQSL-16**	**1**

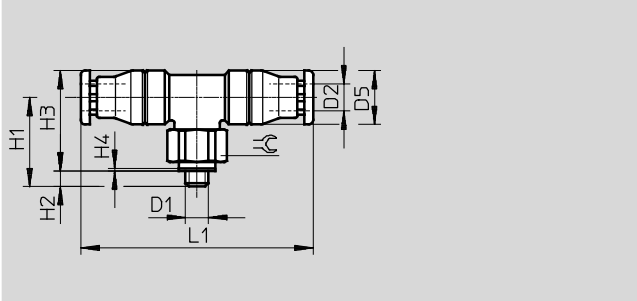
* Packaging unit quantity

Push-in fittings CRQS, Quick Star, stainless steel

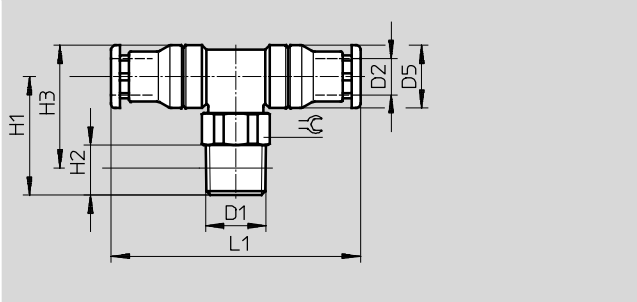
Technical data

Push-in T-fitting CRQST
Orientable
Male thread with external hex

M thread



R thread



Dimensions and ordering data

Connection D1	Nominal size [mm]	Tubing O.D. D2	D5 ∅	H1	H2	H3	H4	L1	⌀	Weight/ piece [g]	Part No.	Type	PU*
Metric thread with sealing ring													
M5x0.8	2	4	9.8	17	3	18.9	0.5	44.4	10	17	**164200**	**CRQST-M5-4**	**1**
	2	6	11.8	19	3	21.9	0.5	47.3	12	24	**164201**	**CRQST-M5-6**	**1**
R thread													
R⅛	3.7	6	11.8	20.5	8	22.4	–	47.3	12	25	**164202**	**CRQST-⅛-6**	**1**
	5	8	13.8	23	8	25.9	–	52.5	14	33	**164203**	**CRQST-⅛-8**	**1**
R¼	5	8	13.8	25	11	25.9	–	52.5	14	38	**164204**	**CRQST-¼-8**	**1**
	5.9	10	16.8	28.5	11	30.9	–	61	17	56	**164205**	**CRQST-¼-10**	**1**
R⅜	5.9	10	16.8	28.5	12	30.6	–	61	17	62	**164206**	**CRQST-⅜-10**	**1**
	8.1	12	19.8	30	12	33.6	–	66.6	21	85	**164207**	**CRQST-⅜-12**	**1**
R½	8.1	12	19.8	34	15	35.7	–	66.6	22	105	**164208**	**CRQST-½-12**	**1**
	9.5	16	23.7	36	15	39.7	–	81.4	24	128	**164209**	**CRQST-½-16**	**1**

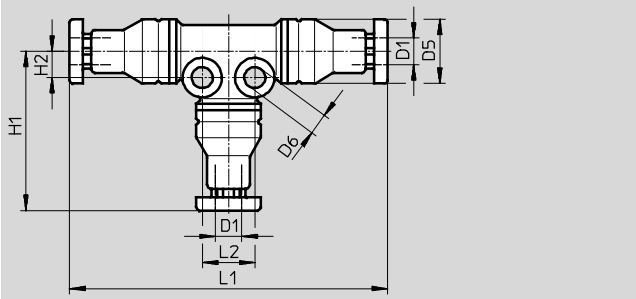
* Packaging unit quantity

Push-in fittings CRQS, Quick Star, stainless steel

Technical data

FESTO

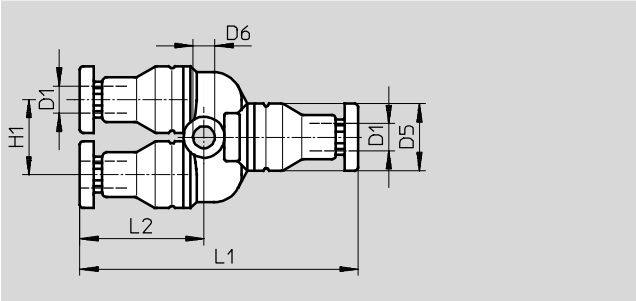
Push-in T-connector CRQST



Dimensions and ordering data											
Tubing O.D. D1	Nominal size [mm]	D5 ∅	D6 ∅	H1	H2	L1	L2	Weight/ piece [g]	Part No.	Type	PU*
4	2.1	9.8	3.2	24.4	4	48.4	8	18	**130668**	**CRQST-4**	**1**
6	3.5	11.8	3.2	26.6	5	53.3	10	27	**130669**	**CRQST-6**	**1**
8	5	13.8	3.2	29.9	6	59.5	12	37	**130670**	**CRQST-8**	**1**
10	6.1	16.8	4.2	35	7	69.9	14	59	**130671**	**CRQST-10**	**1**
12	8	19.8	4.2	37.9	8	75.6	16	87	**130672**	**CRQST-12**	**1**
16	9.7	23.7	4.2	45.2	9.5	90.4	19	126	**130673**	**CRQST-16**	**1**

* Packaging unit quantity

Push-in Y-connector CRQSY



Dimensions and ordering data										
Tubing O.D. D1	Nominal size [mm]	D5 ∅	D6 ∅	H1	L1	L2	Weight/ piece [g]	Part No.	Type	PU*
4	2	9.8	3.2	11	41.1	18.4	15	**130656**	**CRQSY-4**	**1**
6	3.3	11.8	3.2	13	44.3	18.6	24	**130657**	**CRQSY-6**	**1**
8	4.9	13.8	3.2	15	51.4	20.9	34	**130658**	**CRQSY-8**	**1**
10	5.6	16.8	4.3	18	58.5	23.5	52	**130659**	**CRQSY-10**	**1**
12	7	19.8	4.3	21	64.8	25.4	80	**130660**	**CRQSY-12**	**1**
16	8.2	23.7	4.3	25	78.5	30.2	121	**130661**	**CRQSY-16**	**1**

* Packaging unit quantity