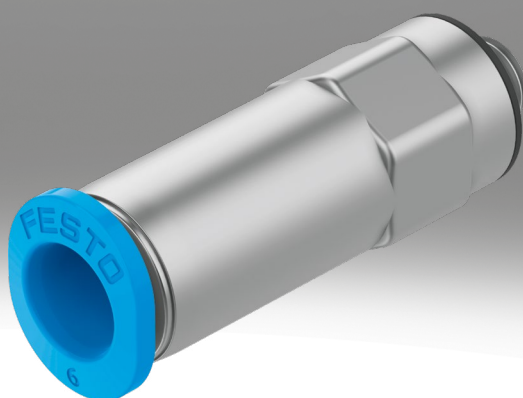


Push-in fitting, rotatable, inches QSR

FESTO



Characteristics

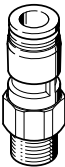
At a glance

Rotatable push-in fitting with swivel connection: rotates 360° at max. 500 rpm.

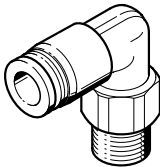
- Compact installation space
- Straight shape, L-shape

Series

[QSR] Rotatable push-in fitting QSR



[QSRL] Push-in fitting, rotatable, L-shape QSRL



Type code

001	Series	
QSR	Rotatable push-in fitting QSR	
QSRL	Push-in fitting, rotatable, L-shape QSRL	

002	Pneumatic connection 1 [inch]	
3/8	3/8 NPT	
1/8	1/8 NPT	
1/4	1/4 NPT	
1/2	1/2 NPT	

003	Pneumatic connection 2 [inch]	
1/2	Push-in connector 1/2"	
1/4	Push-in connector 1/4"	
3/8	Push-in connector 3/8"	
5/16	Push-in connector 5/16"	
5/32	Push-in connector 5/32"	

004	System of units	
U	Imperial	

Datasheet

General technical data

Size	Standard
Design	Push-pull principle
Mounting position	optional
Type of seal on screwed plug	Coating

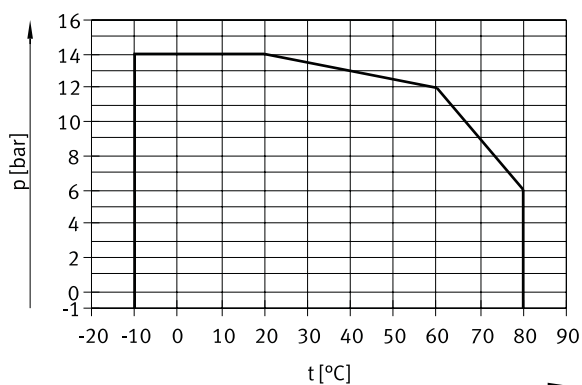
Operating and environmental conditions

Operating pressure complete temperature range	-0.95 ... 10 bar
Operating medium	Compressed air to ISO 8573-1:2010 [7:-:-]
Note on operating and pilot medium	Lubricated operation possible
Ambient temperature	-10 ... 60°C
Corrosion resistance class CRC ¹⁾	1 - Low corrosion stress
Maritime classification ²⁾	See certificate

1) More information www.festo.com/x/topic/crc

2) More information www.festo.com/catalogue/qs → Support/Downloads

Operating pressure p as a function of temperature t

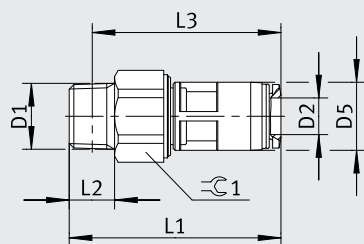


Materials

Material housing	PBT
Material release ring	POM
Colour of release ring	grey
Material tubing seal	NBR
Material tubing clamp component	High-alloy stainless steel
Note on materials	RoHS-compliant
LABS (PWIS) conformity	VDMA24364-B1/B2-L

Dimensions

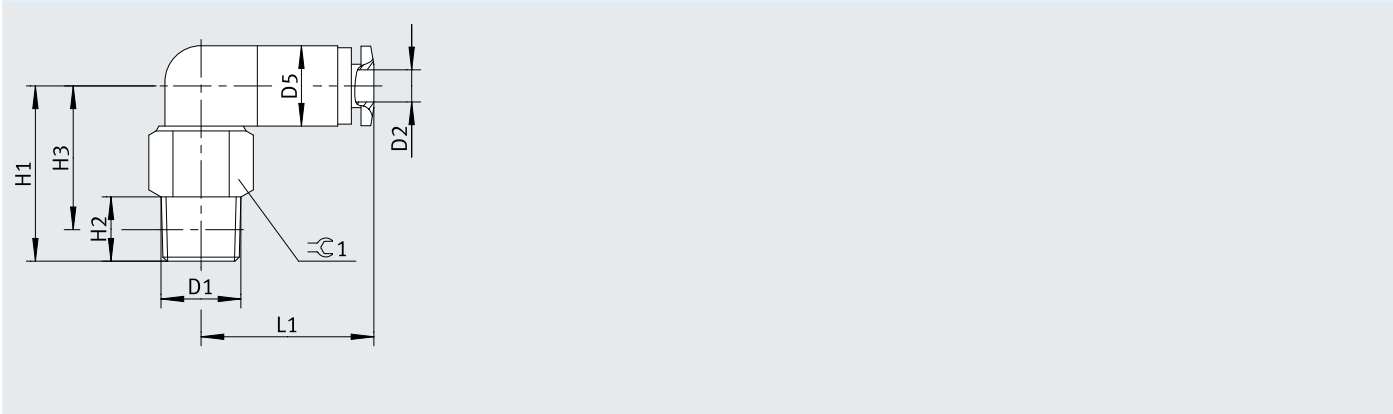
Dimensions – Rotatable push-in fitting QSR

[Download CAD data](#) www.festo.com


	D1	D2 [inch]	D5 ∅ [inch]	L1 [inch]	L2 [inch]	L3 [inch]	≈ 1/4 [inch]
QSR-1/8-1/4-U	1/8-27NPT	1/4	12,5	39	8	34,9	9/16
QSR-1/4-1/4-U	1/4-18NPT	1/4	12,5	41	11	35,2	9/16
QSR-1/8-5/16-U	1/8-27NPT	5/16	14,5	45,3	8	41,2	11/16
QSR-1/4-5/16-U	1/4-18NPT	5/16	14,5	44,3	11	38,5	11/16
QSR-3/8-3/8-U	3/8-18NPT	3/8	18	55,8	12	49,7	7/8
QSR-1/2-1/2-U	1/2-14NPT	1/2	21	63,2	15	55,1	1

Dimensions

Dimensions – Rotatable push-in L-fitting QSRL [Download CAD data](#) www.festo.com



	D1	D2	D5 ø	H1	H2	H3	L1	≈ 1
		[inch]	[inch]	[inch]	[inch]	[inch]	[inch]	[inch]
QSRL-1/8-5/32-U	1/8-27NPT	5/32	10,5	22	8	18	20	1/2
QSRL-1/8-1/4-U	1/8-27NPT	1/4	12,5	24	8	20	23	9/16
QSRL-1/4-1/4-U	1/4-18NPT	1/4	12,5	26	11	20	23	9/16
QSRL-3/8-3/8-U	3/8-18NPT	3/8	17,5	36	12	30,5	32	7/8
QSRL-3/8-1/2-U	3/8-18NPT	1/2	21	42	12	35,5	33	1
QSRL-1/2-1/2-U	1/2-14NPT	1/2	21	42	15	35,5	33	1

Accessories

Ordering data – Push-in fitting, rotatable QSR

	Pneumatic connection, port 1	Pneumatic connection, port 2	Nominal size	Product weight	Part no.	Type
	Male thread 1/8 NPT	For tubing outside diameter of 1/4"	3.4 mm	18 g	153954	QSR-1/8-1/4-U
		For tubing outside diameter of 5/16"	5 mm	34 g	153956	QSR-1/8-5/16-U
	Male thread 1/4 NPT	For tubing outside diameter of 1/4"	3.4 mm	23 g	153955	QSR-1/4-1/4-U
		For tubing outside diameter of 5/16"	5 mm	31 g	153957	QSR-1/4-5/16-U
	Male thread 3/8 NPT	For tubing outside diameter of 3/8"	6.7 mm	61.6 g	153959	QSR-3/8-3/8-U
	Male thread 1/2 NPT	For tubing outside diameter of 1/2"	8 mm	93.3 g	153962	QSR-1/2-1/2-U

Ordering data – Push-in L-fitting, rotatable QSRL

	Pneumatic connection, port 1	Pneumatic connection, port 2	Colour of release ring	Part no.	Type
	Male thread 1/8 NPT	For tubing outside diameter of 5/32"	grey	153963	QSRL-1/8-5/32-U
		For tubing outside diameter of 1/4"		153966	QSRL-1/8-1/4-U
	Male thread 1/4 NPT			153967	QSRL-1/4-1/4-U
	Male thread 3/8 NPT	For tubing outside diameter of 3/8"		153971	QSRL-3/8-3/8-U
		For tubing outside diameter of 1/2"		153973	QSRL-3/8-1/2-U
	Male thread 1/2 NPT			153974	QSRL-1/2-1/2-U