

Push-in fitting, push-in cartridge, black polymer QSPK

FESTO



Characteristics

At a glance

Cartridges, polymer, black

- Compact installation space
- Threadless mounting

Type code

001	Series	
QSPK	Cartridge	
QSPK10	Cartridge	
QSPLK	Cartridge	
QSPLK10	Cartridge	
QSPLK18	Cartridge	
QSPLLK	Cartridge	
QSPLLK10	Cartridge	
QSPLLK18	Cartridge	

002	Pneumatic connection 1	
10	Cartridge 10 mm	
18	Cartridge 18 mm	
003	Pneumatic connection 2	
3	For tubing O.D. 3 mm	
4	For tubing O.D. 4 mm	
6	For tubing O.D. 6 mm	
8	For tubing O.D. 8 mm	
10	For tubing O.D. 10 mm	

Datasheet

General technical data – Metric and G male thread

Pneumatic connection, port 1	Cartridge 10 mm Cartridge 18 mm
Size	Mini Standard
Design	Push-pull principle
Mounting position	optional
Type of seal on screwed plug	O-ring
Size of pack	10
Colour of release ring	Blue

Operating and environmental conditions

Operating pressure complete temperature range ¹⁾	-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 ²⁾	-5 ... 60°C
Corrosion resistance class CRC ³⁾	1 - Low corrosion stress
Maritime classification ⁴⁾	–

1) More information www.festo.com/x/topic/crc2) More information www.festo.com/catalogue/qsp → Support/Downloads

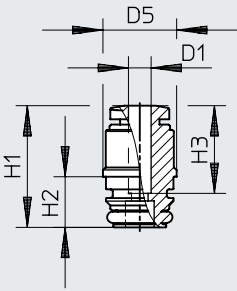
Materials

Material housing	PA-reinforced
Material release ring	POM
Colour of release ring	Blue
Material tubing seal	NBR
Material tubing clamp compo- nent	High-alloy stainless steel
Note on materials	RoHS-compliant
LABS (PWIS) conformity	VDMA24364-B1/B2-L

Dimensions

Dimensions – Cartridge QSPK10

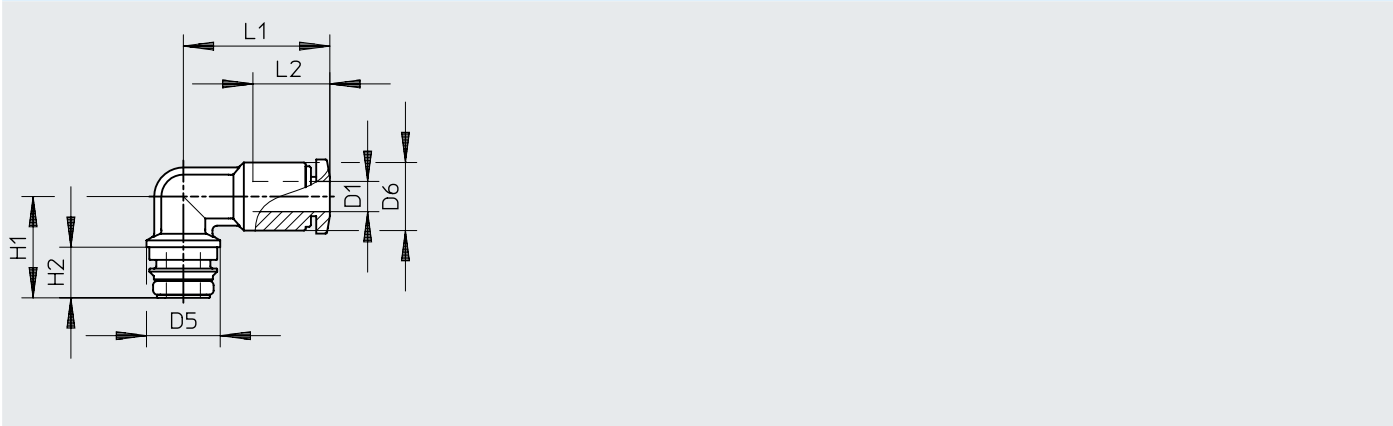
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	D1	D5 ø	H1	H2	H3
QSPK10-3	3	9,75	16,1	6,7	11,6
QSPK10-4	4	9,75	16,1	6,7	11,6
QSPK10-6	6	10,55	18,1	6,7	11,9

Dimensions

Dimensions – Cartridge QSPLK10 [Download CAD data](#) www.festo.com

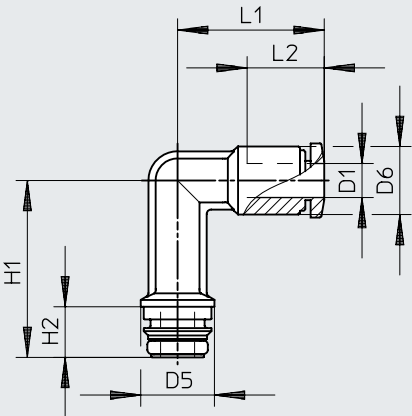


	D1	D5 Ø	D6 Ø	H1	H2	L1	L2
QSPLK10-4	4	9,75	9,4	13,4	6,7	19,4	11,6
QSPLK10-6	6	9,75	11	14,4	6,7	20,3	11,9

Dimensions

Dimensions – Cartridge QSPLLK10

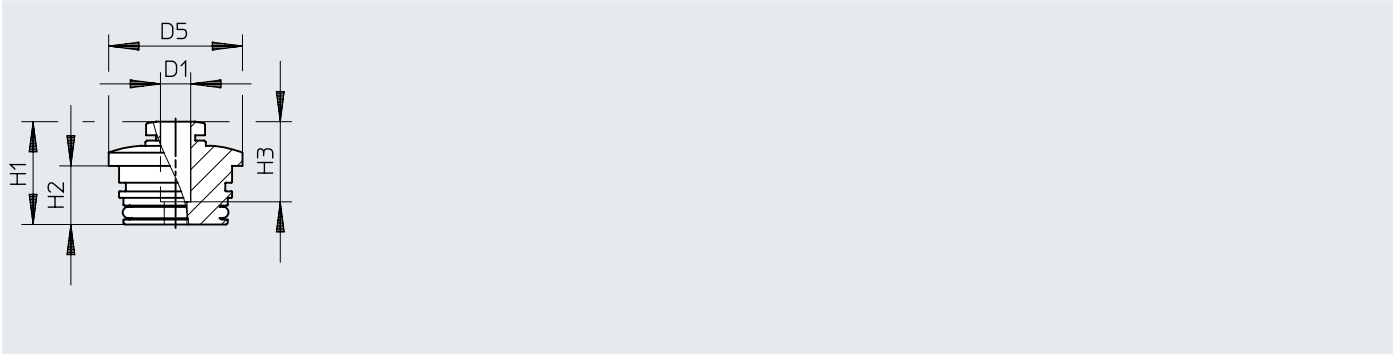
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	D1	D5 ø	D6 ø	H1	H2	L1	L2
QSPLLK10-4	4	9,75	9,4	23,4	6,7	19,4	11,6
QSPLLK10-6	6	9,75	11	26,4	6,7	20,3	11,9

Dimensions

Dimensions – Cartridge QSPK18-4 [Download CAD data](#) www.festo.com

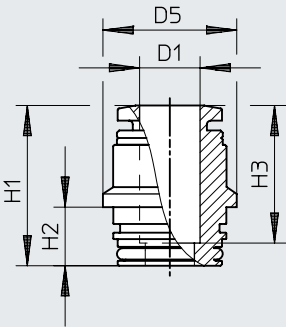


	D1	D5 ø	H1	H2	H3
QSPK18-4	4	17,7	13,6	7,75	11,6

Dimensions

Dimensions – Cartridge QSPK18-6/QSPK18-8

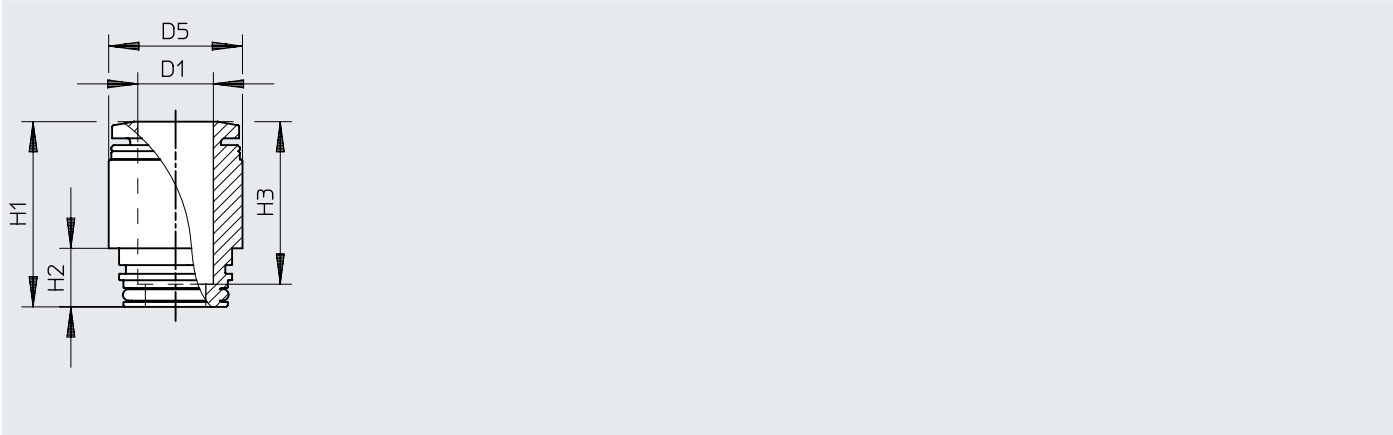
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	D1	D5 Ø	H1	H2	H3
QSPK18-6	6	17,7	13,7	7,75	11,9
QSPK18-8	8	17,7	20,7	7,75	18,2

Dimensions

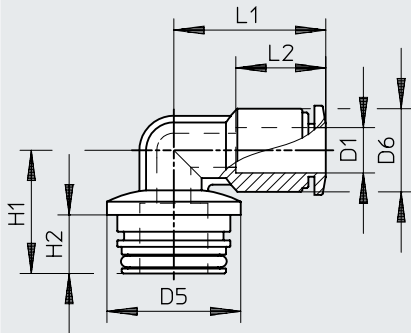
Dimensions – Cartridge QSPK18-10 Download CAD data www.festo.com



	D1	D5 ø	H1	H2	H3
QSPK18-10	10	17,7	24,5	7,75	20,2

Dimensions

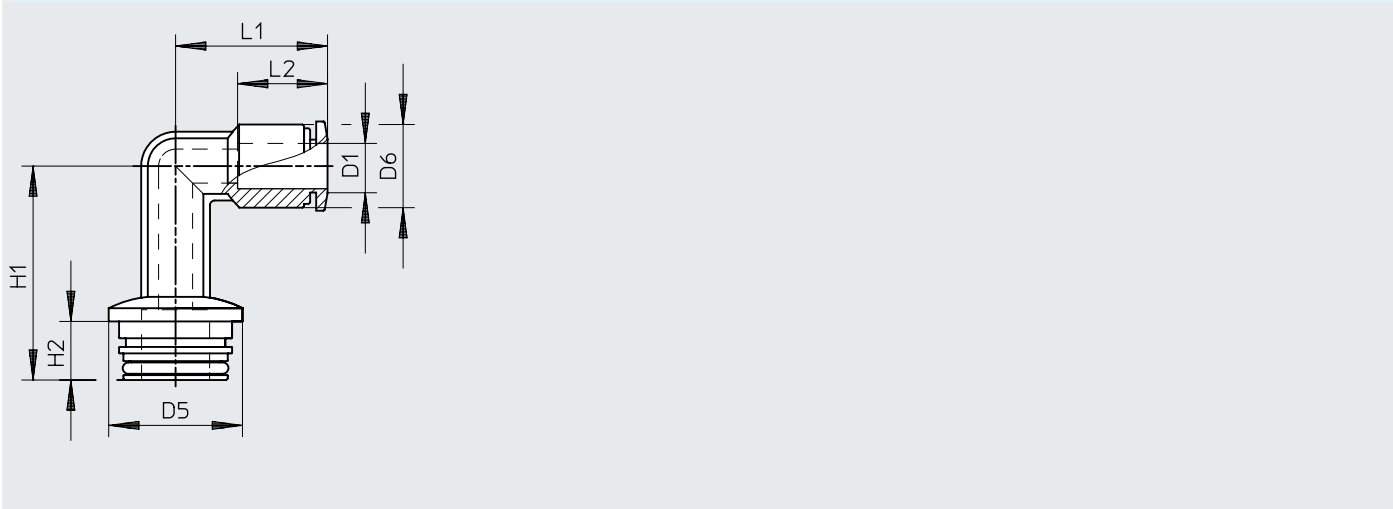
Dimensions – Cartridge QSPLK18

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	D1	D5 ø	D6 ø	H1	H2	L1	L2
QSPLK18-4	4	17,7	9	15,3	7,75	19,4	11,6
QSPLK18-6	6	17,7	11	16,3	7,75	20,3	11,9
QSPLK18-8	8	17,7	15	18,3	7,75	27,2	18,2
QSPLK18-10	10	17,7	17,7	19,6	7,75	29,5	20,2

Dimensions

Dimensions – Cartridge QSPLLK18 [Download CAD data](#) www.festo.com



	D1	D5 ø	D6 ø	H1	H2	L1	L2
QSPLLK18-4	4	17,7	9	25,3	7,75	19,4	11,6
QSPLLK18-6	6	17,7	11	28,3	7,75	20,3	11,9
QSPLLK18-8	8	17,7	15	34,3	7,75	27,2	18,2
QSPLLK18-10	10	17,7	17,7	38,3	7,75	29,5	20,2

Ordering data

Ordering data – Straight form

	Size	Pneumatic connection, port 2	Nominal size	Product weight	Part no.	Type
	Mini	For tubing outer diameter of 3 mm	1.6 mm	1.5 g	132978	QSPK10-3
		For tubing outside diameter of 4 mm	2.3 mm	1.4 g	132979	QSPK10-4
				2.8 g	130839	QSPK18-4
		For tubing outside diameter of 6 mm	3.7 mm	1.8 g	132980	QSPK10-6
			3.8 mm	3 g	130840	QSPK18-6
	Standard	For tubing outside diameter of 8 mm	5.5 mm	5.4 g	130841	QSPK18-8
		For tubing outside diameter of 10 mm	6.7 mm	8.1 g	130842	QSPK18-10

Ordering data – L-shape

	Size	Pneumatic connection, port 2	Nominal size	Product weight	Part no.	Type
	Mini	For tubing outside diameter of 4 mm	2.3 mm	2.1 g	132601	QSPLK10-4
				3.2 g	130843	QSPLK18-4
		For tubing outside diameter of 6 mm	3.5 mm	2.8 g	132602	QSPLK10-6
	Standard	For tubing outside diameter of 6 mm	3.6 mm	3.9 g	130844	QSPLK18-6
		For tubing outside diameter of 8 mm	5.2 mm	7.5 g	130845	QSPLK18-8
		For tubing outside diameter of 10 mm	6.7 mm	10.8 g	132639	QSPLK18-10

Ordering data – L-shape, long

	Size	Pneumatic connection, port 2	Nominal size	Product weight	Part no.	Type
	Mini	For tubing outside diameter of 4 mm	2.3 mm	2.4 g	132603	QSPLLK10-4
				3.5 g	130846	QSPLLK18-4
		For tubing outside diameter of 6 mm	3.5 mm	3.3 g	132604	QSPLLK10-6
			3.6 mm	4.3 g	130847	QSPLLK18-6
	Standard	For tubing outside diameter of 8 mm	5.2 mm	8.1 g	130848	QSPLLK18-8
		For tubing outside diameter of 10 mm	6.4 mm	12 g	132640	QSPLLK18-10