

Push-in fitting push-in cartridge, grey polymer QSPKG

FESTO



Characteristics

At a glance

Plug-in cartridges, polymer, grey

- Compact installation space
- Threadless mounting

Type code

001	Series	
QSPKG10	Cartridge	
QSPKG14	Cartridge	
QSPKG18	Cartridge	
QSPKG20	Cartridge	
QSPLKG10	Cartridge	
QSPLKG14	Cartridge	
QSPLKG18	Cartridge	
QSPLKG20	Cartridge	
QSPLLKG10	Cartridge	
QSPLLKG14	Cartridge	
QSPLLKG18	Cartridge	
QSPLLKG20	Cartridge	

002	Pneumatic connection 1	
10	Cartridge 10 mm	
14	Cartridge 14 mm	
18	Cartridge 18 mm	
20	Cartridge 20 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	
12	For tubing O.D. 12 mm	

Datasheet

General technical data – Metric and G male thread

Pneumatic connection, port 1	Cartridge 10 mm Cartridge 14 mm Cartridge 18 mm Cartridge 20 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/crc

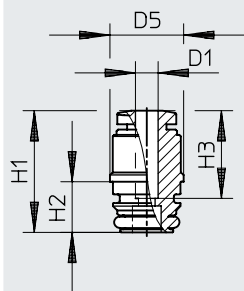
2) More information www.festo.com/catalogue/osp → Support/Downloads

Materials

Material housing	PA-reinforced
Material release ring	POM
Colour of release ring	Blue
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

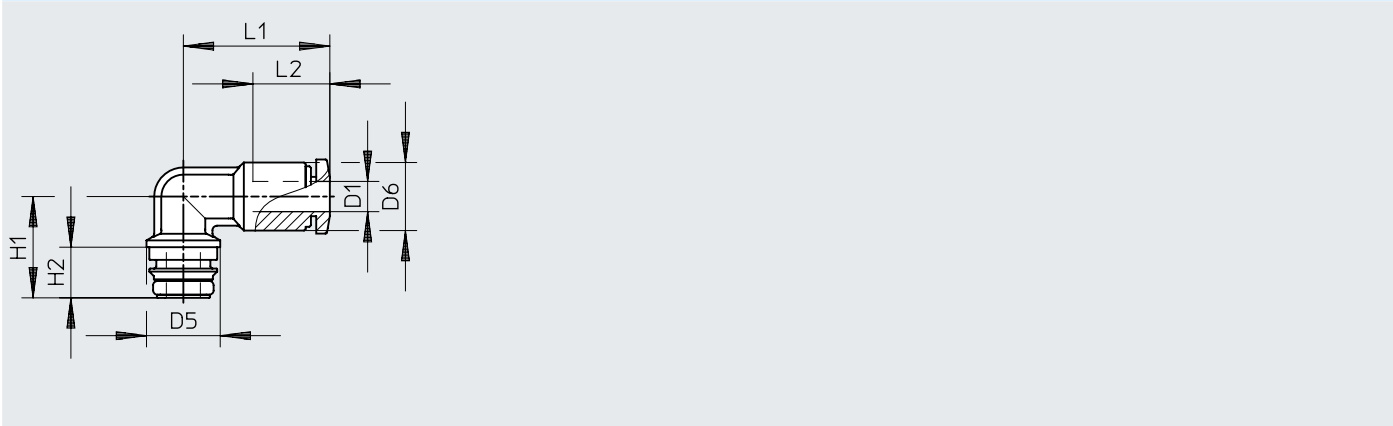
Dimensions – Cartridge QSPKG10

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


	D1	D5 ø	H1	H2	H3
QSPKG10-3	3	9,75	16,1	6,7	11,6
QSPKG10-4	4	9,75	16,1	6,7	11,6
QSPKG10-6	6	10,55	18,1	6,7	11,9

Dimensions

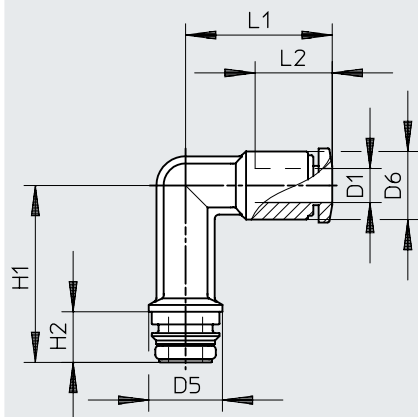
Dimensions – Cartridge QSPLKG10 [Download CAD data](#) www.festo.com



	D1	D5	D6	H1	H2	L1	L2
QSPLKG10-3	3	9,75	9,4	13,4	6,7	18,2	11,6
QSPLKG10-4	4	9,75	9,4	13,4	6,7	18,2	11,6
QSPLKG10-6	6	9,75	10,55	14,4	6,7	19,8	11,9

Dimensions

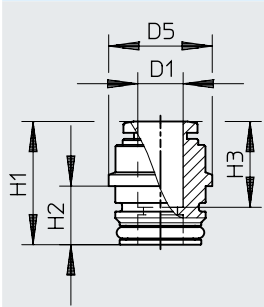
Dimensions – Cartridge QSPLLKG10

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


	D1	D5 Ø	D6 Ø	H1	H2	L1	L2
QSPLLKG10-3	3	9,75	9,4	23,4	6,7	18,2	11,6
QSPLLKG10-4	4	9,75	9,4	23,4	6,7	18,2	11,6
QSPLLKG10-6	6	9,75	10,55	26,4	6,7	19,8	11,9

Dimensions

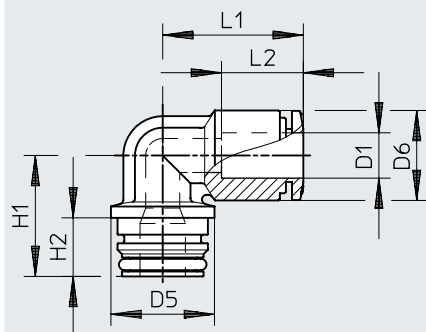
Dimensions – Cartridge QSPKG14 [Download CAD data](#) www.festo.com



	D1	D5 ø	H1	H2	H3
QSPKG14-6	6	13,7	16,5	7,75	11,9
QSPKG14-8	8	14,6	25,2	7,75	18,1

Dimensions

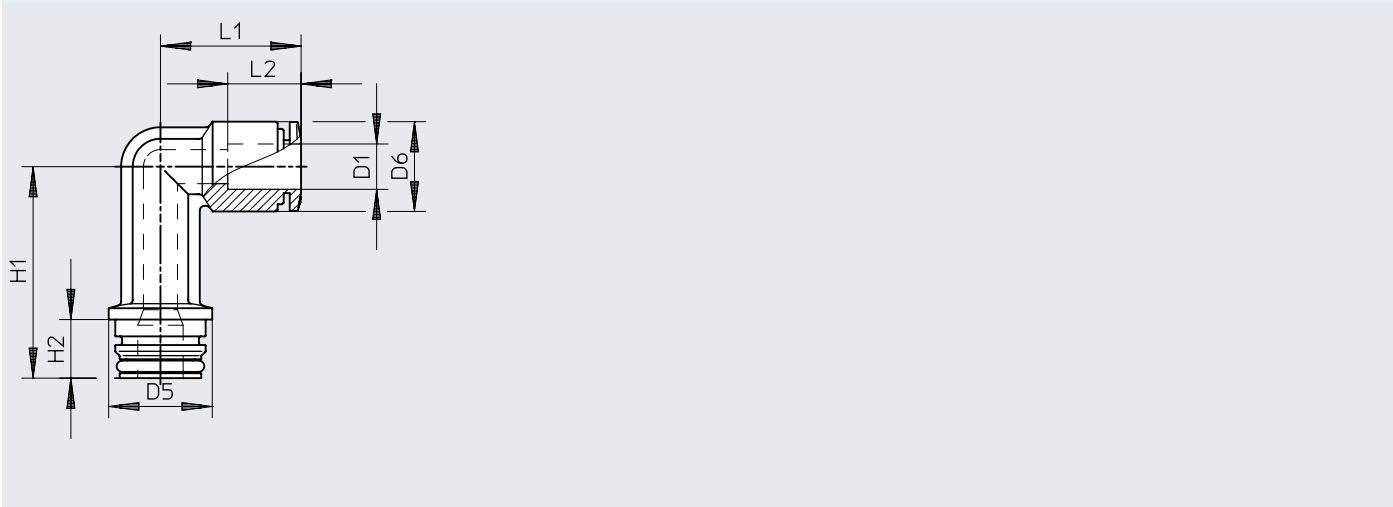
Dimensions – Cartridge QSPLKG14

 Download CAD data www.festo.com


	D1	D5 ø	D6 ø	H1	H2	L1	L2
QSPLKG14-6	6	13,7	11,9	16	7,75	18,8	11,9
QSPLKG14-8	8	13,7	14,6	17,8	7,75	28,2	18,1

Dimensions

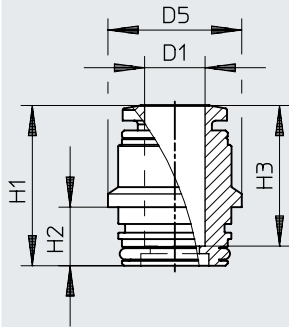
Dimensions – Cartridge QSPLLKG14 [Download CAD data](#) www.festo.com



	D1	D5 Ø	D6 Ø	H1	H2	L1	L2
QSPLLKG14-6	6	13,7	11,9	28,0	7,75	18,8	11,9
QSPLLKG14-8	8	13,7	14,6	33,3	7,75	28,2	18,1

Dimensions

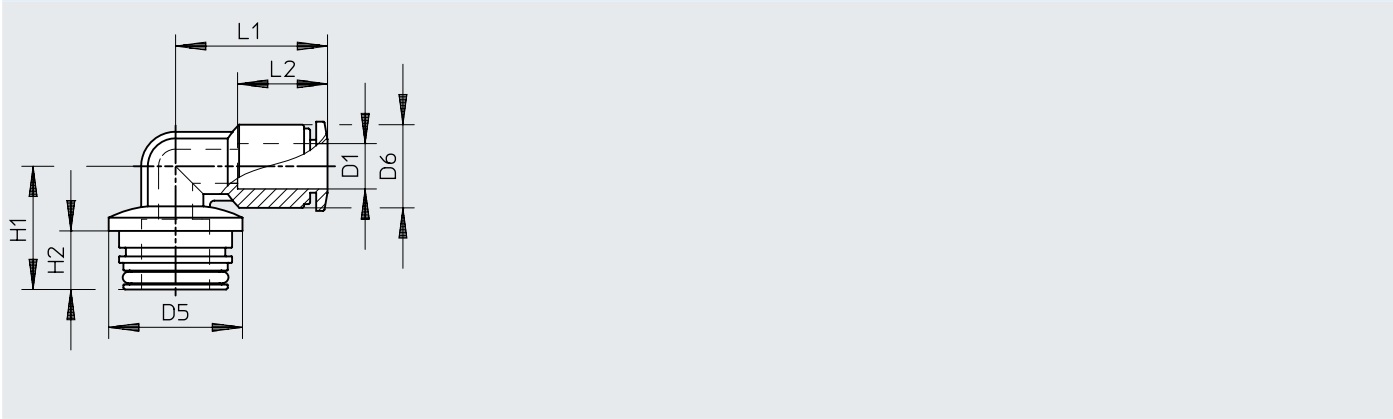
Dimensions – Cartridge QSPKG18

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


	D1	D5 Ø	H1	H2	H3
QSPKG18-8	8	17,7	20,7	7,75	18,2
QSPKG18-10	10	17,7	24,5	7,75	20,2

Dimensions

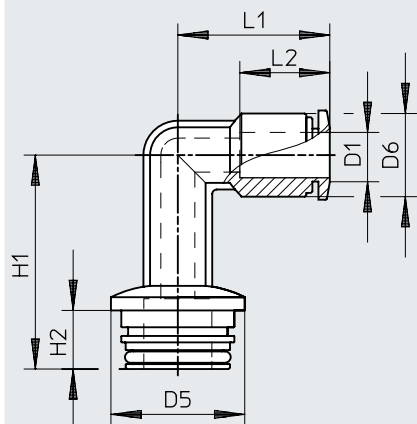
Dimensions – Cartridge QSPLKG18 [Download CAD data](#) www.festo.com



	D1	D5 ø	D6 ø	H1	H2	L1	L2
QSPLKG18-8	8	17,7	15	18,3	7,75	27,2	18,2
QSPLKG18-10	10	17,7	17,7	19,6	7,75	29,5	20,2

Dimensions

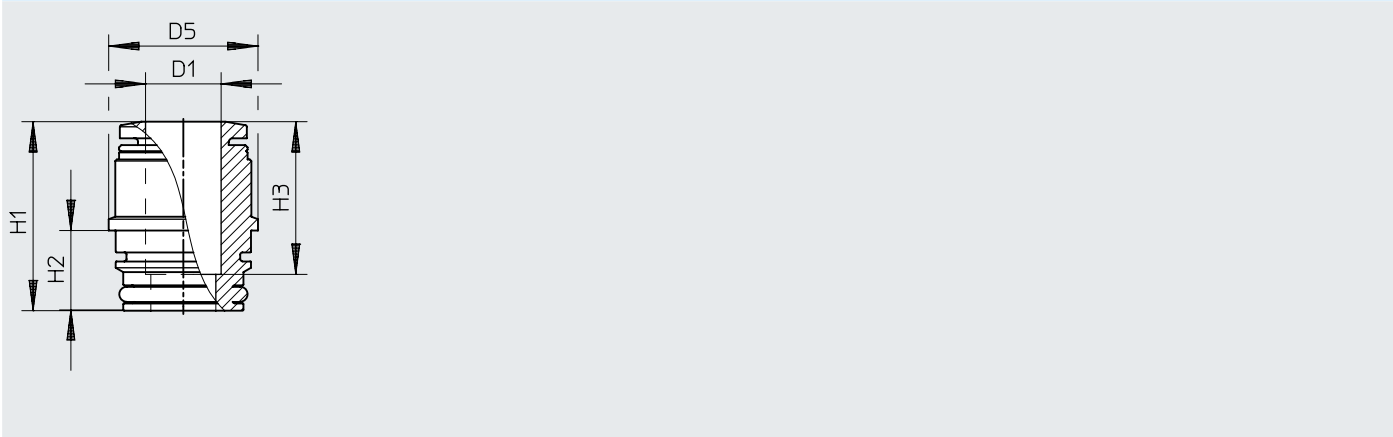
Dimensions – Cartridge QSPLLKG18

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


	D1	D5 Ø	D6 Ø	H1	H2	L1	L2
QSPLLKG18-8	8	17,7	15	18,3	7,75	27,2	18,2
QSPLLKG18-10	10	17,7	17,7	19,6	7,75	29,5	20,2

Dimensions

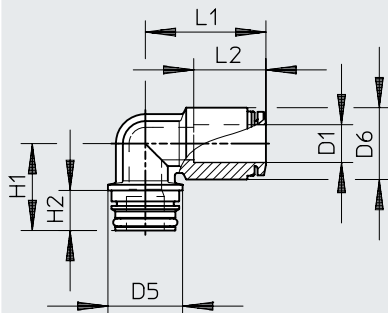
Dimensions – Cartridge QSPKG20 Download CAD data www.festo.com



	D1	D5 ø	H1	H2	H3
QSPKG20-8	8	19,75	19,1	10,6	18,1
QSPKG20-10	10	19,75	25	10,6	20,2
QSPKG20-12	12	21,1	32,7	10,6	23,4

Dimensions

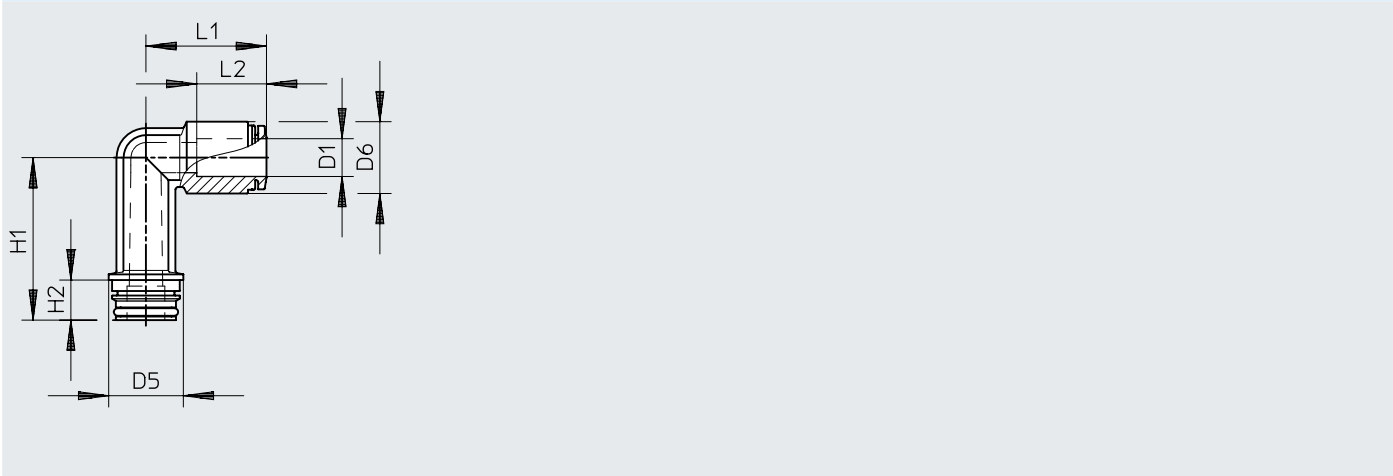
Dimensions – Cartridge QSPLKG20

[Download CAD data](http://www.festo.com)


	D1	D5 ø	D6 ø	H1	H2	L1	L2
QSPLKG20-8	8	19,75	16,0	21,5	10,6	29,7	18,1
QSPLKG20-10	10	19,75	19,0	23,0	10,6	32,0	20,2
QSPLKG20-12	12	19,75	21,1	24,0	10,6	36,2	23,4

Dimensions

Dimensions – Cartridge QSPLLKG20 [Download CAD data](#) www.festo.com



	D1	D5 Ø	D6 Ø	H1	H2	L1	L2
QSPLLKG20-8	8	19,75	16,0	38,5	10,6	29,7	18,1
QSPLLKG20-10	10	19,75	19,0	43,0	10,6	32,0	20,2
QSPLLKG20-12	12	19,75	21,1	45,9	10,6	36,2	23,4

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	132621	QSPKG10-3
		For tubing outside diameter of 4 mm	2.3 mm	1.4 g	132622	QSPKG10-4
		For tubing outside diameter of 6 mm	3.5 mm	2.4 g	132930	QSPKG14-6
			3.7 mm	1.8 g	132623	QSPKG10-6
	Standard	For tubing outside diameter of 8 mm	5.2 mm	5.3 g	132931	QSPKG14-8
			5.4 mm	6 g	132633	QSPKG20-8
			5.5 mm	5.4 g	132649	QSPKG18-8
		For tubing outside diameter of 10 mm	6.4 mm	9 g	132634	QSPKG20-10
			6.7 mm	8.1 g	132650	QSPKG18-10
		For tubing outer diameter of 12 mm	8.3 mm	13 g	132635	QSPKG20-12

Ordering data – L-shape						
	Size	Pneumatic connection, port 2	Nominal size	Product weight	Part no.	Type
	Mini	For tubing outer diameter of 3 mm	1.8 mm	2.1 g	132853	QSPLKG10-3
		For tubing outside diameter of 4 mm	2.3 mm	2 g	132920	QSPLKG10-4
		For tubing outside diameter of 6 mm	3.3 mm	2.7 g	132921	QSPLKG10-6
				3.5 g	132938	QSPLKG14-6
	Standard	For tubing outside diameter of 8 mm	4.8 mm	7.1 g	132939	QSPLKG14-8
				10 g	132855	QSPLKG20-8
			5.2 mm	7.5 g	132946	QSPLKG18-8
		For tubing outside diameter of 10 mm	6.1 mm	14 g	132856	QSPLKG20-10
			6.7 mm	10.8 g	132947	QSPLKG18-10
		For tubing outer diameter of 12 mm	7.7 mm	17 g	132857	QSPLKG20-12

Ordering data – L-shape, long						
	Size	Pneumatic connection, port 2	Nominal size	Product weight	Part no.	Type
	Mini	For tubing outer diameter of 3 mm	1.8 mm	2.5 g	132861	QSPLLKG10-3
		For tubing outside diameter of 4 mm	2.3 mm	2.4 g	132925	QSPLLKG10-4
		For tubing outside diameter of 6 mm	3.3 mm	3.2 g	132926	QSPLLKG10-6
			3.4 mm	4 g	132942	QSPLLKG14-6
	Standard	For tubing outside diameter of 8 mm	4.7 mm	8.1 g	132943	QSPLLKG14-8

Ordering data

Ordering data – L-shape, long						
	Size	Pneumatic connection, port 2	Nominal size	Product weight	Part no.	Type
	Standard	For tubing outside diameter of 8 mm	4.8 mm	11 g	132863	QSPLLKG20-8
			5.2 mm	8.1 g	132950	QSPLLKG18-8
		For tubing outside diameter of 10 mm	6 mm	15 g	132864	QSPLLKG20-10
			6.4 mm	12 g	132951	QSPLLKG18-10
		For tubing outer diameter of 12 mm	7.3 mm	20 g	132865	QSPLLKG20-12