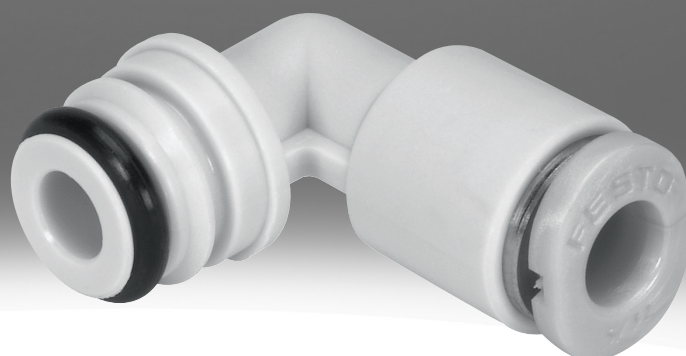


Push-in fitting push-in cartridge, grey polymer, inches QSPKG

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	

002	Pneumatic connection 1	
10	Cartridge 10 mm	
14	Cartridge 14 mm	
18	Cartridge 18 mm	
20	Cartridge 20 mm	

003	Pneumatic connection 2 [inch]	
1/2	Push-in connector 1/2"	
1/4	Push-in connector 1/4"	
1/8	Push-in connector 1/8"	
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 – Metric and G male thread

Pneumatic connection, port 1	Cartridge 10 mm	Cartridge 14 mm	Cartridge 18 mm	Cartridge 20 mm
Size	Mini	Mini Standard	Standard	
Pneumatic connection, port 2	For tubing outside diameter of 5/32" For tubing O.D. 1/8" For tubing outside diameter of 1/4"	For tubing outside diameter of 1/4" For tubing outside diameter of 5/16"	For tubing outside diameter of 5/16" For tubing outside diameter of 3/8"	For tubing outside diameter of 5/16" For tubing outside diameter of 3/8" For tubing outside diameter of 1/2"
Design	Push-pull principle			
Mounting position	optional			
Size of pack	10			
Colour of release ring	grey			

Operating and environmental conditions

Operating pressure	-0.95 ... 10 bar
complete temperature range	
Operating medium	Compressed air to ISO 8573-1:2010 [7:::]
Note on operating and pilot medium	Lubricated operation possible
Ambient temperature	-5 ... 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

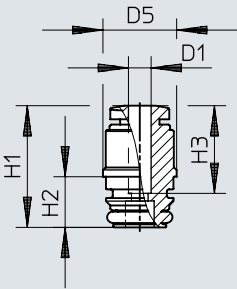
Materials

Material housing	PA-reinforced
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 – Cartridge QSPKG10

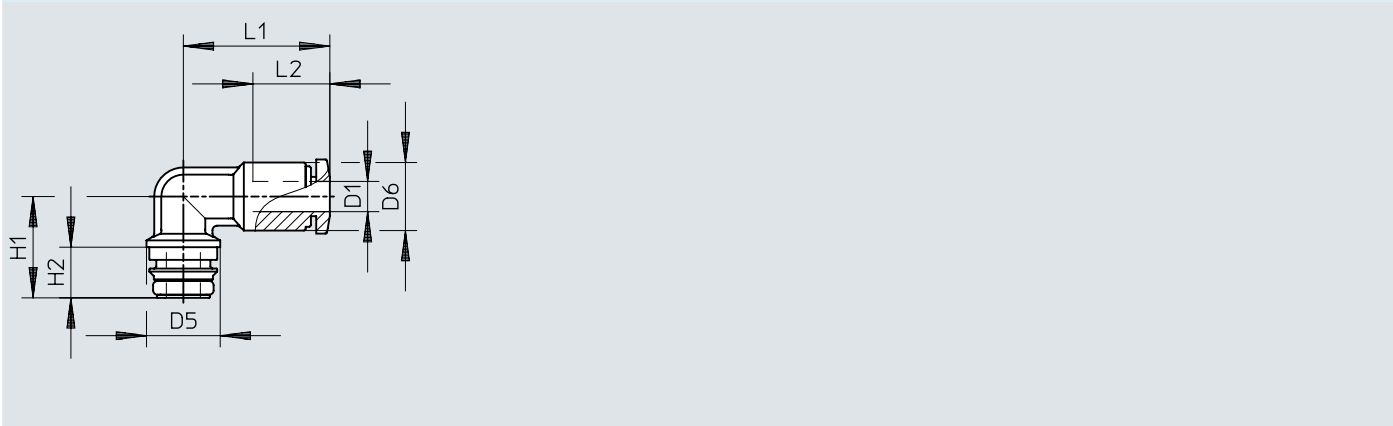
Download CAD data www.festo.com



	D1	D5 ø	H1	H2	H3
QSPKG10-1/8-U	1/8"	9,75	16,1	6,7	11,6
QSPKG10-5/32-U	5/32"	9,75	16,1	6,7	11,6
QSPKG10-1/4-U	1/4"	10,55	18,3	6,7	11,7

Dimensions

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

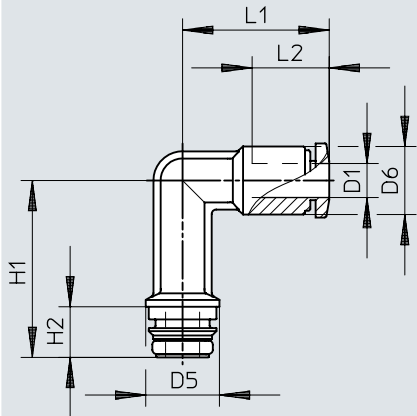


	D1	D5	D6	H1	H2	L1	L2
		Ø	Ø				
QSPLKG10-1/8-U	1/8"	9,75	9,4	13,7	6,7	18,2	11,6
QSPLKG10-1/4-U	1/4"	9,75	10,55	14,4	6,7	20,0	11,7

Dimensions

Dimensions – Cartridge QSPLLKG10

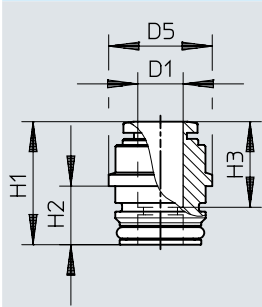
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	D1	D5 Ø	D6 Ø	H1	H2	L1	L2
QSPLLKG10-1/8-U	1/8"	9,75	9,4	23,4	6,7	18,2	11,6
QSPLLKG10-1/4-U	1/4"	9,75	10,55	26,4	6,7	20,0	11,7

Dimensions

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

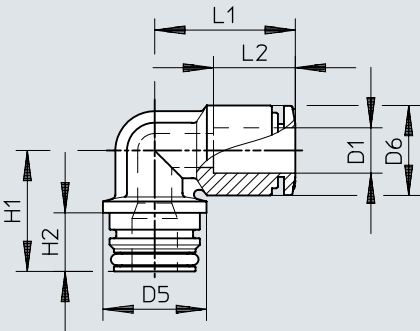


	D1	D5 ø	H1	H2	H3
QSPKG14-1/4-U	1/4"	13,7	16,7	7,75	11,7
QSPKG14-5/16-U	5/16"	14,6	25,2	7,75	18,1

Dimensions

Dimensions – Cartridge QSPLKG14

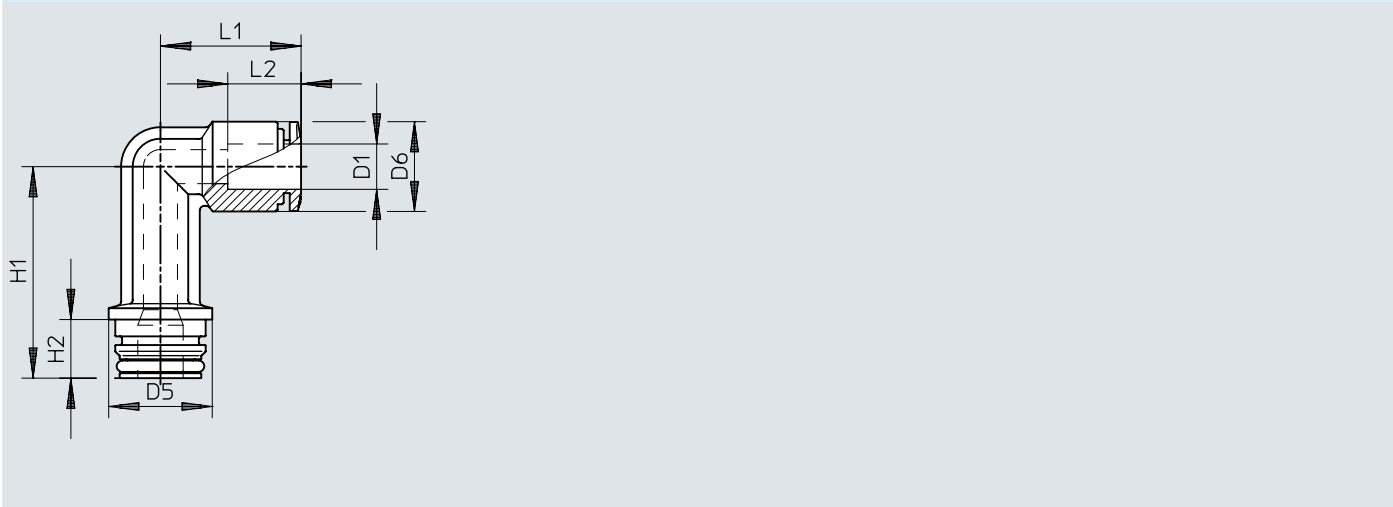
Download CAD data www.festo.com



	D1	D5 ø	D6 ø	H1	H2	L1	L2
QSPLKG14-1/4-U	1/4"	13,7	11,9	16,0	7,75	19,0	11,7
QSPLKG14-5/16-U	5/16"	13,7	14,6	17,8	7,75	28,2	18,1

Dimensions

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

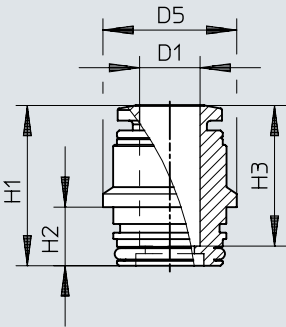


	D1	D5 Ø	D6 Ø	H1	H2	L1	L2
QSPLLKG14-1/4-U	1/4"	13,7	11,9	28,0	7,75	19,0	11,7
QSPLLKG14-5/16-U	5/16"	13,7	14,6	33,3	7,75	28,2	18,1

Dimensions

Dimensions – Cartridge QSPKG18

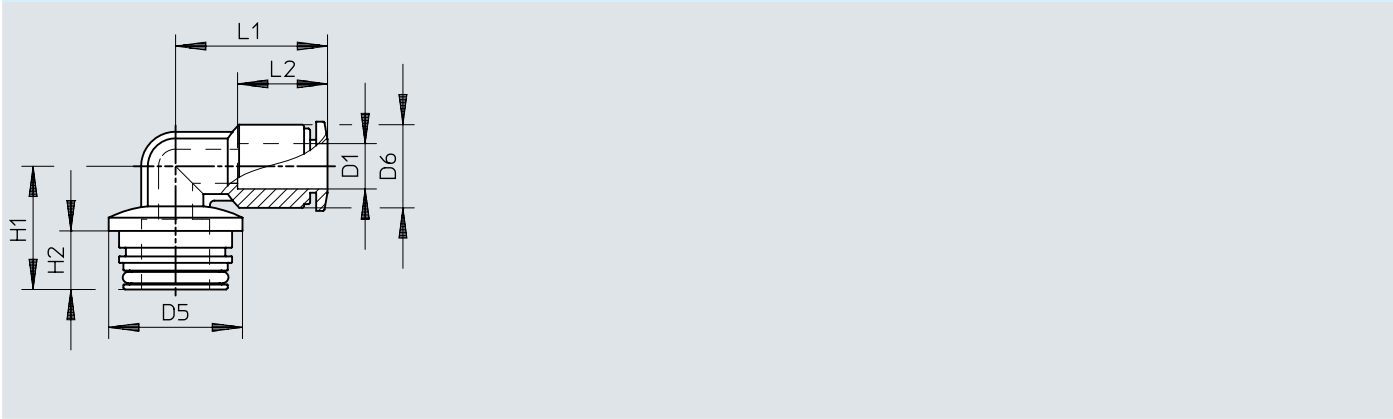
Download CAD data www.festo.com



	D1	D5 Ø	H1	H2	H3
QSPKG18-5/16-U	5/16"	17,7	20,7	7,75	18,2
QSPKG18-3/8-U	3/8"	17,7	24,5	7,75	20,2

Dimensions

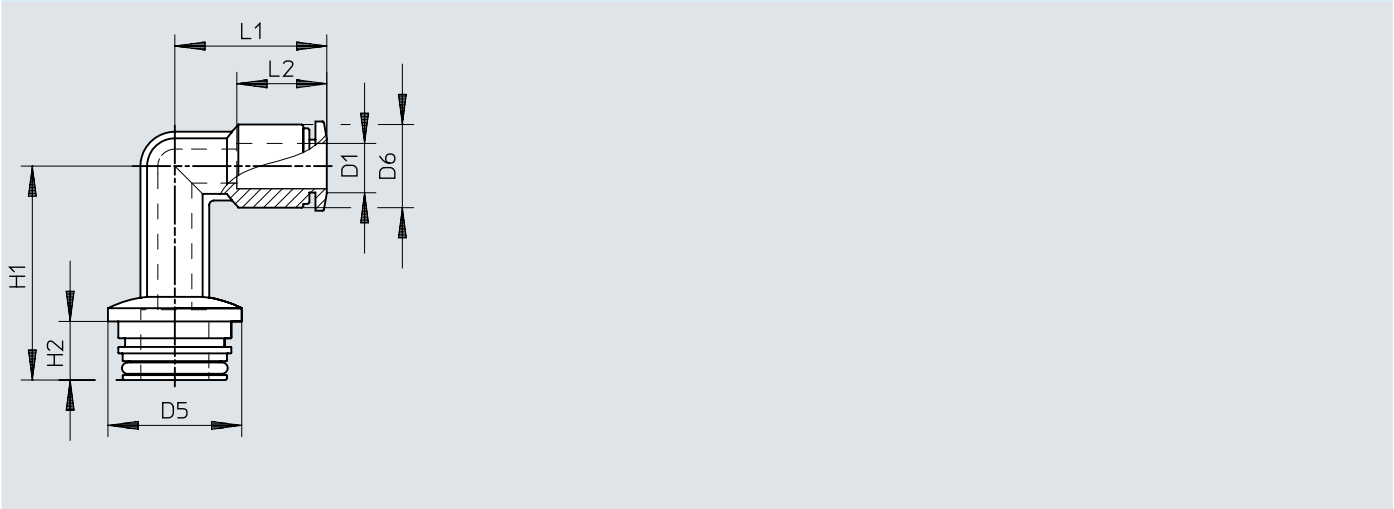
Dimensions – Cartridge QSPLKG18 [Download CAD data](#) www.festo.com



	D1	D5 ø	D6 ø	H1	H2	L1	L2
QSPLKG18-5/16-U	5/16"	17,7	15	18,3	7,5	27,2	18,2
QSPLKG18-3/8-U	3/8"	17,7	17,7	19,6	7,5	29,5	20,2

Dimensions

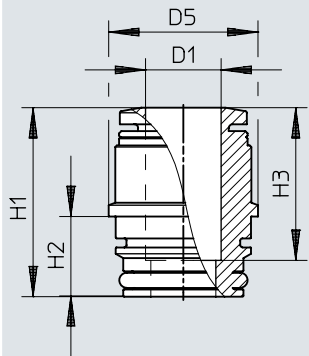
Dimensions – Cartridge QSPLLKG18 [Download CAD data](#) www.festo.com



	D1	D5 Ø	D6 Ø	H1	H2	L1	L2
QSPLLKG18-5/16-U	5/16"	17,7	15	34,3	7,75	27,2	18,2
QSPLLKG18-3/8-U	3/8"	17,7	17,7	38,3	7,75	29,2	20,2

Dimensions

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

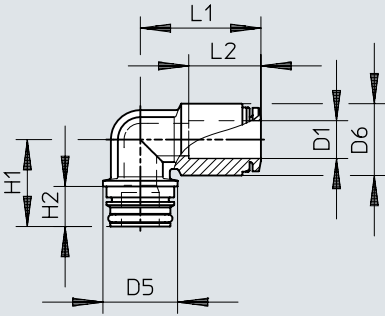


	D1	D5 ø	H1	H2	H3
QSPKG20-5/16-U	5/16"	19,75	19,1	10,6	18,2
QSPKG20-3/8-U	3/8"	19,75	25	10,6	20,2
QSPKG20-1/2-U	1/2"	21,1	33	10,6	23,7

Dimensions

Dimensions – Cartridge QSPLKG20

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	D1	D5 ø	D6 ø	H1	H2	L1	L2
QSPLKG20-3/8-U	3/8"	19,75	19,0	23,0	10,6	32,0	20,2
QSPLKG20-1/2-U	1/2"	19,75	21,1	24,0	10,6	36,5	23,7

Ordering data

Ordering data – Straight form						
	Size	Pneumatic connection, port 2	Nominal size	Product weight	Part no.	Type
	Mini	For tubing outside diameter of 5/32"	2.3 mm	1.4 g	132624	QSPKG10-5/32-U
		For tubing O.D. 1/8"	1.6 mm	1.5 g	132852	QSPKG10-1/8-U
		For tubing outside diameter of 1/4"	3.6 mm	1.8 g	132626	QSPKG10-1/4-U
			3.9 mm	2.3 g	132932	QSPKG14-1/4-U
	Standard	For tubing outside diameter of 5/16"	5.2 mm	5.3 g	132933	QSPKG14-5/16-U
			5.4 mm	6 g	132636	QSPKG20-5/16-U
			5.5 mm	5.4 g	132651	QSPKG18-5/16-U
		For tubing outside diameter of 3/8"	6.4 mm	9.2 g	132637	QSPKG20-3/8-U
			6.7 mm	8.1 g	132652	QSPKG18-3/8-U
		For tubing outside diameter of 1/2"	8.5 mm	13 g	132638	QSPKG20-1/2-U

Ordering data – L-shape						
	Size	Pneumatic connection, port 2	Nominal size	Product weight	Part no.	Type
	Mini	For tubing O.D. 1/8"	1.8 mm	2.1 g	132854	QSPLKG10-1/8-U
		For tubing outside diameter of 1/4"	3.3 mm	2.6 g	132924	QSPLKG10-1/4-U
			3.5 mm	3.4 g	132940	QSPLKG14-1/4-U
	Standard	For tubing outside diameter of 5/16"	4.8 mm	7.1 g	132941	QSPLKG14-5/16-U
			5.2 mm	7.5 g	132948	QSPLKG18-5/16-U
		For tubing outside diameter of 3/8"	5.7 mm	14 g	132859	QSPLKG20-3/8-U
			6.5 mm	10.9 g	132949	QSPLKG18-3/8-U
		For tubing outside diameter of 1/2"	7.8 mm	17 g	132860	QSPLKG20-1/2-U

Ordering data – L-shape, long						
	Size	Pneumatic connection, port 2	Nominal size	Product weight	Part no.	Type
	Mini	For tubing O.D. 1/8"	1.8 mm	2.5 g	132862	QSPLLKG10-1/8-U
		For tubing outside diameter of 1/4"	3.3 mm	3.2 g	132929	QSPLLKG10-1/4-U
			3.4 mm	3.9 g	132944	QSPLLKG14-1/4-U
	Standard	For tubing outside diameter of 5/16"	4.7 mm	8.1 g	132945	QSPLLKG14-5/16-U
			5.2 mm		132952	QSPLLKG18-5/16-U
		For tubing outside diameter of 3/8"	6.2 mm	12.2 g	132953	QSPLLKG18-3/8-U