

Threaded fittings

FESTO



Festo core product range
Covers 80% of your automation tasks

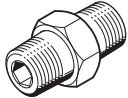
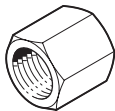
Worldwide:
Superb:
Easy:

Always in stock
Festo quality at an attractive price
Simplified procurement and warehousing

- ★ Generally ready for dispatch from the factory within 24 hours
In stock at 13 Service Centres worldwide
More than 2200 products
- ★ Generally ready for dispatch from the factory within 5 days
Assembled for you at 4 Service Centres worldwide
Up to 6×10^{12} variants per product family

Just look
for the
star!

Product range overview

Design	Version	Type	Connection D1			Connection D2		→ Page/ Internet								
			M thread	G thread	R thread	M thread	R thread									
Straight shape	Blanking plug															
		B	M3	–	–	–	–	3								
			M5													
			M7													
			–													
			G1/8													
			G1/4													
			G3/8													
			G1/2													
	G3/4															
	G1															
Reducing nipples – male thread, female thread																
Straight shape		D	M5	–	–	M7	–	5								
									Double nipple							
										ESK	–	–	R1/8	–	R1/8, R1/4, R3/8	5
													R1/4		R1/4, R3/8, R1/2	
													R3/8		R3/8, R1/2	
													R1/2		R1/2	
									Sleeve							
		QM	M5	–	–	–	–	6								
			–													
			G1/8													
G1/4																
G3/8																
G1/2																
G3/4																
G1																
L-shape	Elbow fitting															
		LJK	–	G1/8	–	–	–	7								
				G1/4												
				G3/8												
				G1/2												
T-shape	T-fitting															
		TJK	M3	–	–	–	–	7								
			–													
			G1/8													
			G1/4													
			G3/8													
G1/2																

Data sheet

Blanking plug B

With external hex and sealing ring



Note

Sealing ring is supplied loose.



General technical data

Pneumatic connection	Male thread	
	M3	M5
Type of mounting	External hex, spanner size 4.5 and slot 0.8 mm	
Nominal tightening torque [Nm]	0.48 ±55%	1.33 ±20%

Materials

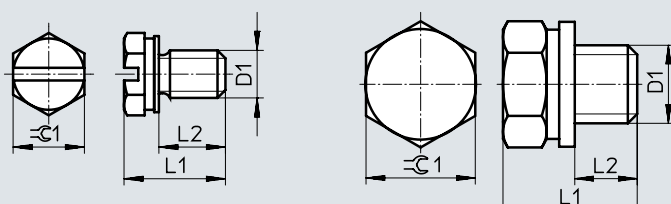
Pneumatic connection	Male thread	
	M3	M5
Blanking plug	High-alloy stainless steel	Anodised aluminium
O-ring	Stainless steel, NBR	
Note on materials	RoHS-compliant	
	Free of copper and PTFE	

Dimensions

Download CAD data → www.festo.com

B-M3-S9

B-M5



Dimensions and ordering data

Pneumatic connection	L1	L2	≅ 1	Weight/ piece [g]	Part no.	Type	PS ¹⁾
D1							
M thread							
Male thread M3	5.3	2.8	4.5	1	★ 30979	B-M3-S9	10
Male thread M5	7.8	3.8	7	1	★ 3843	B-M5	10
					534212	B-M5-100	100

1) Pack size

Festo core product range



Generally ready for dispatch from the factory within 24 hours

Generally ready for dispatch from the factory within 5 days

Data sheet

Blanking plug B

With internal hex and sealing ring



Note

Sealing ring is supplied loose.



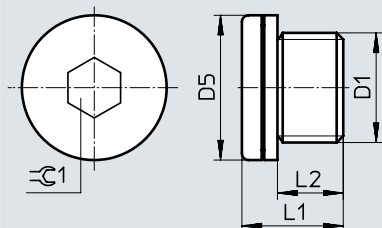
General technical data

Pneumatic connection	Male thread							
	M5	M7	G1/8	G1/4	G3/8	G1/2	G3/4	G1
Type of mounting	Internal hex, spanner size 2.5	Internal hex, spanner size 3	Internal hex, spanner size 5	Internal hex, spanner size 6	Internal hex, spanner size 8	Internal hex, spanner size 10	Internal hex, spanner size 12	Internal hex, spanner size 17
Conforms to standard	DIN 908							
Nominal tightening torque [Nm]	1.33 ±20%	3.35 ±20%	3.5 ±20%	11 ±10%	12.5 ±20%	14 ±20%	35 ±10%	62.5 ±20%

Materials

Pneumatic connection	Male thread							
	M5	M7	G1/8	G1/4	G3/8	G1/2	G3/4	G1
Blanking plug	Galvanised steel							
O-ring	Stainless steel, NBR		PA, TPE-U(PUR)					PVC
Note on materials	RoHS-compliant							
	Free of copper and PTFE							

Dimensions

Download CAD data → www.festo.com

Dimensions and ordering data

Pneumatic connection	D5 ø	L1	L2	1.5	Weight/ piece [g]	Part no.	Type	PS ¹⁾
D1								
M thread								
Male thread M5	8	6.3	3.8	2.5	1	★ 174308	B-M5-B	10
Male thread M7	9.5	7.8	5.3	3	2	★ 174309	B-M7	10
G thread								
Male thread G1/8	14	11	6.4	5	7	★ 3568	B-1/8	10
						534213	B-1/8-100	100
Male thread G1/4	18	15	9.8	6	15	★ 3569	B-1/4	10
						534214	B-1/4-50	50
Male thread G3/8	22	15	9.8	8	23	★ 3570	B-3/8	10
						534215	B-3/8-20	20
Male thread G1/2	26	18	11.65	10	43	★ 3571	B-1/2	10
						534216	B-1/2-20	20
Male thread G3/4	32	20	13.05	12	76	★ 3572	B-3/4	1
Male thread G1	39	21	14	17	123	★ 5763	B-1	1

1) Pack size

Festo core product range



Generally ready for dispatch from the factory within 24 hours

Generally ready for dispatch from the factory within 5 days

Data sheet

Reducing nipple D

With sealing ring

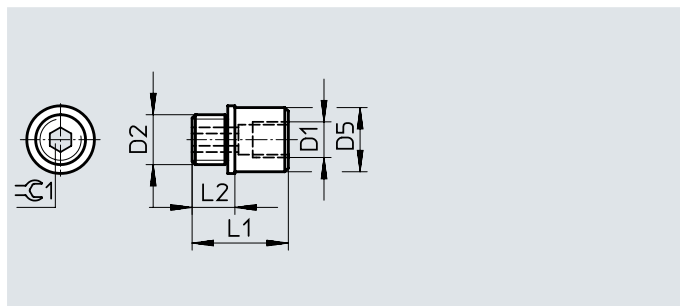


Note

Sealing ring is supplied loose.

Material:

Brass



Dimensions and ordering data

Pneumatic connection		D5	L1	L2	1/4	Weight/ piece [g]	Part no.	Type	ST ¹⁾
D1	D2								
M5	M7	9	13.3	5.3	3	43	161359	D-M5I-M7A-ISK	10

1) Pack size

Double nipple ESK

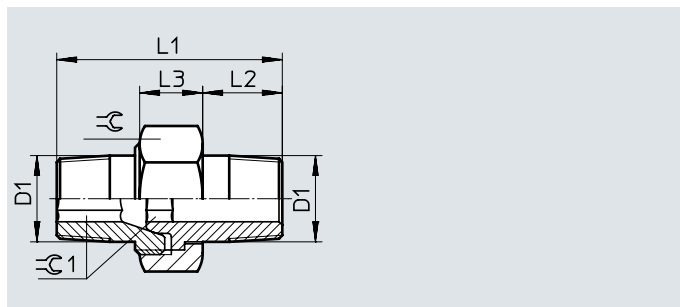
Adjustable for angular compensation

Material:

Brass

Note on materials:

RoHS-compliant



Dimensions and ordering data

Pneumatic connection		L1	L2	L3	1/4	1/2	3/4	Part no.	Type	PS ¹⁾
D1	D2									
R1/8	R1/8	27	9	8.5	15	5	5	151520	ESK-1/8-1/8	1
	R1/4	30.6	12	9.5	19	5	6	534151	ESK-1/8-1/4	1
	R3/8	34.5	13	10	22	5	8	534155	ESK-1/8-3/8	1
R1/4	R1/4	34	12	9.5	19	6	6	151521	ESK-1/4-1/4	1
	R3/8	36	13	10	22	6	8	534152	ESK-1/4-3/8	1
	R1/2	40.5	16	12	27	6	12	534153	ESK-1/4-1/2	1
R3/8	R3/8	36	13	10	22	8	8	151522	ESK-3/8-3/8	1
	R1/2	44	16	12	27	8	12	534154	ESK-3/8-1/2	1
R1/2	R1/2	44	16	12	27	12	12	151523	ESK-1/2-1/2	1

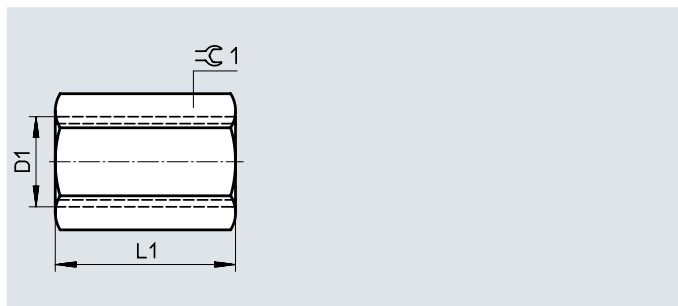
1) Pack size

Data sheet

Sleeve QM

Material:
Anodised wrought aluminium alloy
QM-M5-M5:
Steel

Note on materials:
Free of copper and PTFE
RoHS-compliant



Dimensions and ordering data						
Pneumatic connection	L1	≅ 1	Weight/ piece [g]	Part no.	Type	PS ¹⁾
D1						
M5	12	7	1	3560	QM-M5-M5	10
G1/8	22	13	6	2254	QM-1/8-1/8	10
G1/4	26	17	9	2255	QM-1/4-1/4	10
G3/8	32	22	19	2256	QM-3/8-3/8	10
G1/2	36	27	31	2257	QM-1/2-1/2	10
G3/4	36	32	36	4226	QM-3/4-3/4	1
G1	40	41	80	9968	QM-1-1	1

1) Pack size

Data sheet

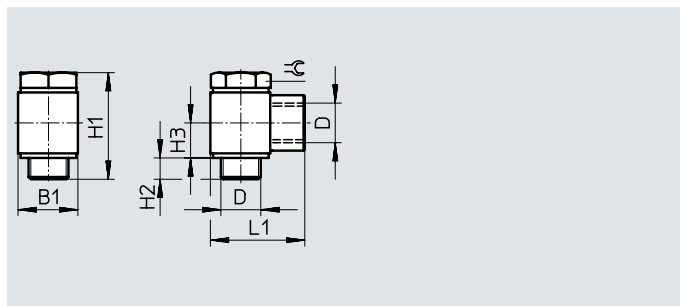
Elbow fitting LJK

With sealing ring



Note

Sealing ring is supplied loose.



Materials

Housing	Die-cast zinc
Hollow bolt	Anodised aluminium
Note on materials	RoHS-compliant

Dimensions and ordering data

Pneumatic connection	Nominal width [mm]	B1	H1	H2	H3	L1	⌀	Part no.	Type	PS ¹⁾
D										
G1/8	4	16	27.1	4.7	9.2	23.5	13	4945	LJK-1/8	1
G1/4	6	20	34.3	5.7	11.8	31	17	4946	LJK-1/4	1
G3/8	8	25	41.3	6.7	14.3	36.5	22	4947	LJK-3/8	1
G1/2	12	30	46.6	7.5	17.05	44	27	4948	LJK-1/2	1

1) Pack size

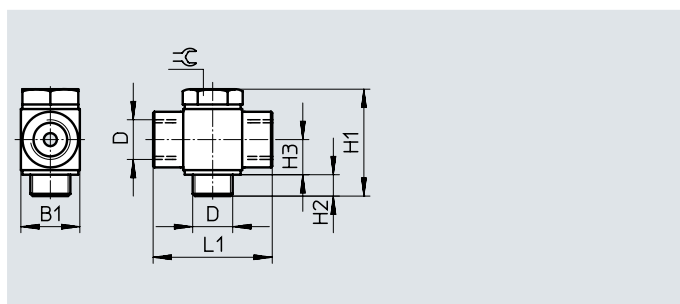
T-fitting TJK

With sealing ring



Note

Sealing ring is supplied loose.



Operating and environmental conditions

Operating medium	Compressed air to ISO 8573-1:2010 [7:-:-]
Note on operating/pilot medium	Lubricated operation possible (in which case lubricated operation will always be required)

Materials

Pneumatic connection	M3	G1/8	G1/4	G3/8	G1/2
Housing	Nickel-plated brass	Die-cast zinc			
Hollow bolt	Nickel-plated brass	Anodised aluminium			
Note on materials	RoHS-compliant				

Dimensions and ordering data

Pneumatic connection	Nominal width [mm]	B1	H1	H2	H3	L1	⌀	Part no.	Type	PS ¹⁾
D										
M thread										
M3	1.2	5	10	2	3.3	10	4.5	15874	TJK-M3	10
G thread										
G1/8	4	16	27.1	4.7	9.2	28	13	4949	TJK-1/8	1
G1/4	6	20	34.3	5.7	11.8	39	17	4950	TJK-1/4	1
G3/8	8	25	41.3	6.7	14.3	43	22	4951	TJK-3/8	1
G1/2	12	30	46.6	7.5	17.05	52	27	4952	TJK-1/2	1

1) Pack size

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