

Threaded fittings

FESTO



Festo core product range
Covers 80% of your automation tasks

Worldwide:

Always in stock

Superb:

Festo quality at an attractive price

Easy:

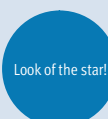
Reduces procurement and storing complexity



Ready for dispatch from the Festo factory in 24 hours
Held in stock in 13 service centres worldwide
More than 2200 products



Ready for dispatch in 5 days maximum from stock
Assembled for you in 4 service centres worldwide
Up to 6×10^{12} variants per product series



Threaded fittings

Product range overview

FESTO

Design	Version	Type	Connection D1		Connection D2		→ Page/ Internet		
			M thread	G thread	R thread	M thread	G thread	R thread	
Straight type	Blanking plug								
		B	M3	–	–	–	–	–	3
			M5						
			M7						
			–						
			G1/8						
			G1/4						
			G3/8						
			G1/2						
	G3/4								
	G1								
Reducing nipple – Male thread/female thread									
	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-type	T-fitting								
		TJK	M3	–	–	–	–	–	7
			–	G1/8					
				G1/4					
				G3/8					
				G1/2					

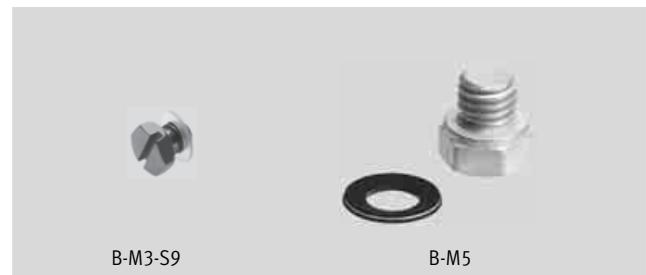
Threaded fittings

Technical data

FESTO

Blanking plug B

with external hex and sealing ring



General technical data		
Pneumatic connection	Male thread	
	M3	M5
Type of mounting	External hex AF 4.5 and slot 0.8 mm	External hex AF 7
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		
The image displays technical drawings for two types of blanking plugs, B-M3-S9 and B-M5. Each type is shown from a top view and a side view. The top view shows a hexagonal base with a central circular hole. The side view shows the plug's profile, including a flange with a central slot. Dimension lines indicate the following: L1 is the total length of the plug; L2 is the length of the hexagonal base; D1 is the outer diameter of the hexagonal base; and 0.8 is the width of the central slot. The B-M3-S9 plug has a shorter length (L1) compared to the B-M5 plug.			

Dimensions and ordering data							
Pneumatic connection	L1	L2	≡C1	Weight/ piece [g]	Part No.	Type	PU 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) Packaging unit quantity

Festo core product range

- ★ Ready for dispatch from the Festo factory in 24 hours
- ☆ Ready for dispatch in 5 days maximum from stock

Threaded fittings

Technical data

FESTO

Blanking plug B

with internal hex and sealing ring



General technical data								
Pneumatic connection	Male thread							
	M5	M7	G $\frac{1}{8}$	G $\frac{1}{4}$	G $\frac{3}{8}$	G $\frac{1}{2}$	G $\frac{3}{4}$	G1
Type of mounting	Internal hex AF 2.5	Internal hex AF 3	Internal hex AF 5	Internal hex AF 6	Internal hex AF 8	Internal hex AF 10	Internal hex AF 12	Internal hex AF 17
Conforms to standard	–							
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	L1	L2	⌀1	Weight/ piece [g]	Part No.	Type	PU ¹⁾
D1	Ø							
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 G $\frac{1}{8}$	14	11	6.4	5	7	★ 3568	B- $\frac{1}{8}$	10
						534213	B- $\frac{1}{8}$ -100	100
Male thread G $\frac{1}{4}$	18	15	9.8	6	15	★ 3569	B- $\frac{1}{4}$	10
						534214	B- $\frac{1}{4}$ -50	50
Male thread G $\frac{3}{8}$	22	15	9.8	8	23	★ 3570	B- $\frac{3}{8}$	10
						534215	B- $\frac{3}{8}$ -20	20
Male thread G $\frac{1}{2}$	26	18	11.65	10	43	★ 3571	B- $\frac{1}{2}$	10
						534216	B- $\frac{1}{2}$ -20	20
Male thread G $\frac{3}{4}$	32	20	13.05	12	76	★ 3572	B- $\frac{3}{4}$	10
Male thread G1	39	21	14	17	123	★ 5763	B-1	10

1) Packaging unit quantity

Festo core product range		★ Ready for dispatch from the Festo factory in 24 hours
		☆ Ready for dispatch in 5 days maximum from stock

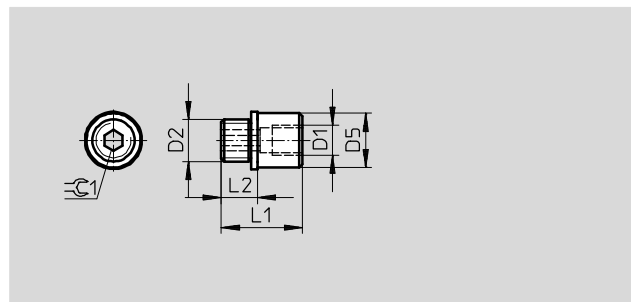
Threaded fittings

Technical data

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Reducing nipple D with sealing ring

Material:
Brass



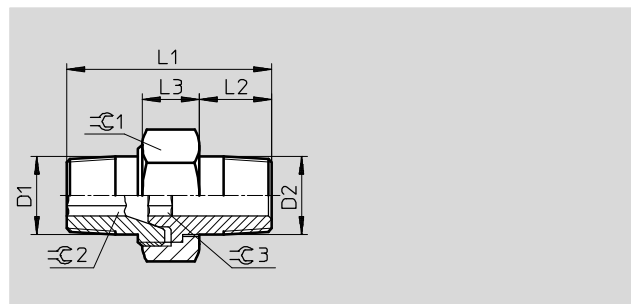
Dimensions and ordering data									
Pneumatic connection		D5	L1	L2	≈C 1	Weight/ piece [g]	Part No.	Type	PU ¹⁾
D1	D2								
M5	M7	9	13.3	5.3	3	43	161359	D-M5I-M7A-ISK	10

1) Packaging unit quantity

Double nipple ESK adjustable for angular compensation

Material:
Brass

Note on materials:
RoHS-compliant



Dimensions and ordering data										
Pneumatic connection		L1	L2	L3	≡ 1	≡ 2	≡ 3	Part No.	Type	PU 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) Packaging unit quantity

Threaded fittings

Technical data

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Pipe coupling sleeve QM

Material:

Blue anodised aluminium

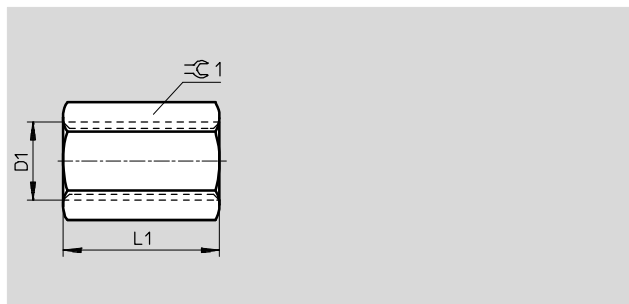
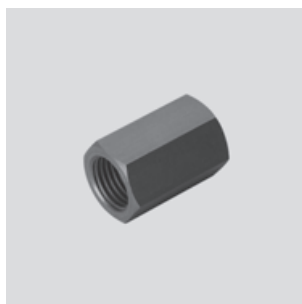
QM-M5-M5:

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	PU 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	1
G3/4	36	32	36	4226	QM-3/4-3/4	1
G1	40	41	80	9968	QM-1-1	1

1) Packaging unit quantity

Threaded fittings

Technical data

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Elbow fitting LJK

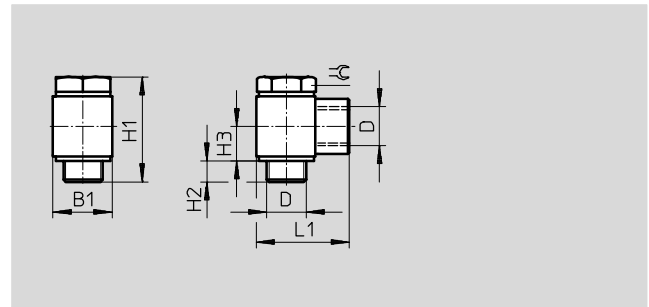
Material:

Housing: Die-cast zinc

Hollow bolt: Anodised aluminium

Note on materials:

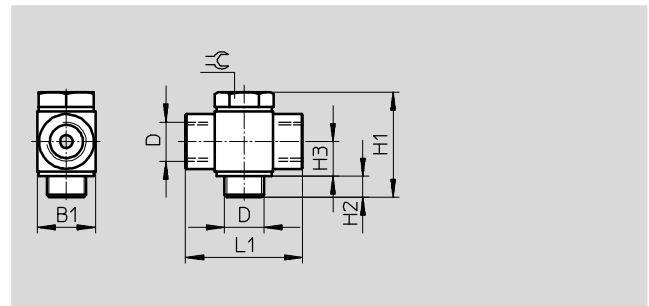
RoHS-compliant



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

1) Packaging unit quantity

T-fitting TJK



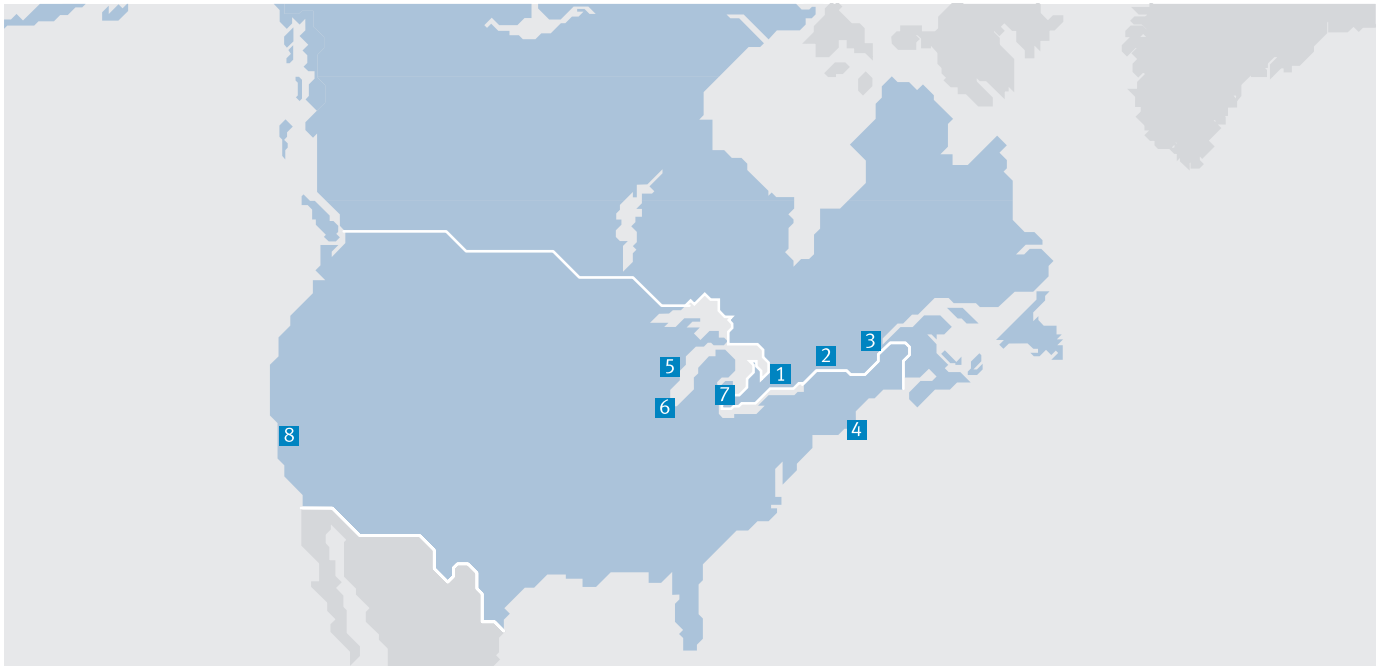
Operating and environmental conditions	
Operating medium	Compressed air in accordance with ISO 8573-1:2010 [7:-:-]
Note on operating/pilot medium	Operation with lubricated medium possible (in which case lubricated operation will always be required)

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

1) Packaging unit quantity

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