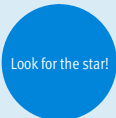


Threaded fittings



★ / ☆	Festo core product range Covers 80% of your automation tasks	★ Ready for dispatch from the Festo factory in 24 hours Held in stock in 13 service centres worldwide More than 2200 products
Worldwide:	Always in stock	★ Ready for dispatch in 5 days maximum from stock
Superb:	Festo quality at an attractive price	Assembled for you in 4 service centres worldwide
Easy:	Reduces procurement and storing complexity	Up to 6 x 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	–	–	–	–	–	4		
			M5								
			M7								
			–							G1/8	
			G1/4								
			G3/8								
			G1/2								
			G3/4								
	G1										
	Reducing nipple – Male thread/female thread										
		D	M5	–	–	M7	–	–	6		
			D	M3	–	–	M5	–	–	7	
	M5										
	M7										
	–			G1/8							G1/8, G1/4
	G1/4										
	G3/8										
	G1/2										
	G3/4										
	G1										
	Double nipple										
		E	M3	–	–	M3	–	–	8		
			M5								
			M7								
			–							G1/8	G1/8, G1/4, G3/8
			G1/4								
			G3/8								
			G1/2								
			G3/4								
	G1/8										
		ESK	–	–	R1/8	–	–	R1/8, R1/4, R3/8	9		
										R1/4	
										R3/8	
										R1/2	
	Bulkhead fitting										
		SCM	M5	–	–	–	–	–	9		
			–	G1/8							
			G1/4								
G3/8											
G1/2											

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	Sleeve								
		QM	M5	–	–	–	–	–	10
			–	G1/8					
				G1/4					
				G3/8					
				G1/2					
				G3/4					
				G1					
		QM	M5	–	–	M5	–	–	10
			–	G1/8		–	G1/8		
				G1/4			G1/4		
				G3/8			G3/8		
				G1/2			G1/2		
	Reducing sleeve								
		QMR	–	G1/8	–	M5	–	–	11
				G1/4		–	G1/8		
				G3/8			G1/4		
G1/2						G3/8			
L-shape	Elbow fitting								
		LJK	–	G1/8	–	–	–	–	12
				G1/4					
				G3/8					
				G1/2					
T-type	T-fitting								
		TJK	M3	–	–	–	–	–	12
			–	G1/8					
				G1/4					
				G3/8					
				G1/2					

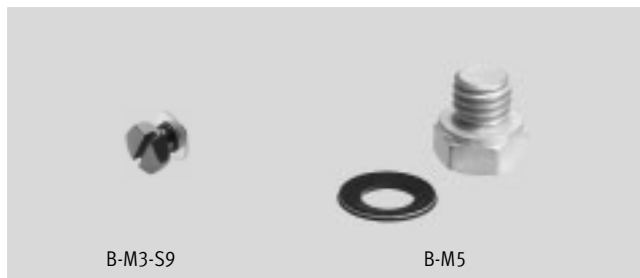
Threaded fittings

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		

Dimensions and ordering data							
Pneumatic connection	L1	L2	≲1	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	≈C1	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

- 7 - Type discontinued
Available up until 2018

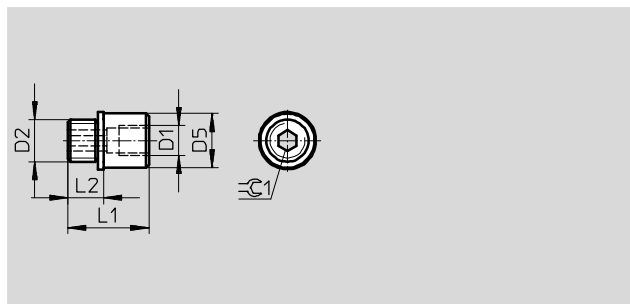
Threaded fittings

Technical data

FESTO

Reducing nipple D
with sealing ring

Material:
Brass



Dimensions and ordering data									
Pneumatic connection		D5	L1	L2	H 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

- 2 - Type discontinued
Available up until 2018

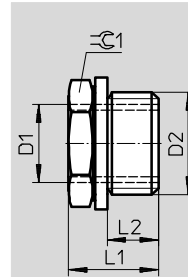
FESTO

Threaded fittings

Technical data

Reducing nipple D with sealing ring

Note on materials:
RoHS-compliant



Dimensions and ordering data								
Pneumatic connection		L1	L2	≡ 1	Weight/ piece [g]	Part No.	Type	PU ¹⁾
D1	D2							
M thread – High-alloy stainless steel								
M3	M5	6.3	3.8	7	1	30980	D-M3I-M5A-S9 ²⁾	10
M thread – Brass								
M5	G ¹ / ₈	9.5	4.9	13	10	3842	D-M5I- ¹ / ₈ A	10
						534208	D-M5I- ¹ / ₈ A-100	100
	G ¹ / ₄	12	5.8	17	12	197632	D-M5I- ¹ / ₄ A	10
M7	G ¹ / ₈	9.5	4.9	13	–	534144	D-M7I- ¹ / ₈ A	10
G thread – Brass								
G ¹ / ₈	G ¹ / ₄	12	5.8	17	8	3577	D- ¹ / ₈ I- ¹ / ₄ A	10
						534209	D- ¹ / ₈ I- ¹ / ₄ A-100	100
	G ³ / ₈	14	6.8	19	–	534147	D- ¹ / ₈ I- ³ / ₈ A	10
G ¹ / ₄	G ³ / ₈	14	6.8	19	14	3581	D- ¹ / ₄ I- ³ / ₈ A	10
						534210	D- ¹ / ₄ I- ³ / ₈ A-50	50
	G ¹ / ₂	15.5	8.15	24	36	197633	D- ¹ / ₄ I- ¹ / ₂ A	10
	G ³ / ₄	20.4	9.05	32	–	534145	D- ¹ / ₄ I- ³ / ₄ A	10
G ³ / ₈	G ¹ / ₂	15.5	8.15	24	25	3585	D- ³ / ₈ I- ¹ / ₂ A	10
						534211	D- ³ / ₈ I- ¹ / ₂ A-20	20
	G ³ / ₄	20.4	9.05	32	–	534146	D- ³ / ₈ I- ³ / ₄ A	10
G ¹ / ₂	G ³ / ₄	20.4	9.05	32	45	3588	D- ¹ / ₂ I- ³ / ₄ A	1
	G1	21	11	36	110	197634	D- ¹ / ₂ I-1A	1
G ³ / ₄	G1	21	11	36	55	9168	D- ³ / ₄ I-1A	1
G thread – Wrought aluminium alloy								
G ¹ / ₈	G ¹ / ₄	12	5.8	17	7	183585	D- ¹ / ₈ I- ¹ / ₄ A-AL	1
G ¹ / ₄	G ³ / ₈	14	6.8	19	8	183586	D- ¹ / ₄ I- ³ / ₈ A-AL	1
G ³ / ₈	G ¹ / ₂	15.5	8.15	24	10	183587	D- ³ / ₈ I- ¹ / ₂ A-AL	1
G ¹ / ₂	G ³ / ₄	20.4	9.05	32	24	183588	D- ¹ / ₂ I- ³ / ₄ A-AL	1
G ³ / ₄	G1	21	11	36	26	183589	D- ³ / ₄ I-1A-AL	1

1) Packaging unit quantity

2) Free of copper and PTFE

- 1 - Type discontinued
Available up until 2018

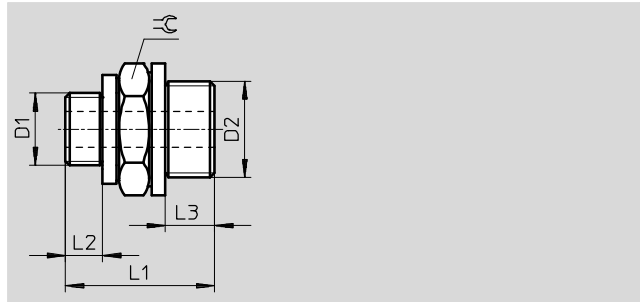
Threaded fittings

Technical data

FESTO

Double nipple E
 with 2 sealing rings

Note on materials:
 RoHS-compliant



Dimensions and ordering data										
Pneumatic connection		Nominal size	L1	L2	L3	≅	Weight/ piece [g]	Part No.	Type	PU ¹⁾
D1	D2									
M thread – High-alloy stainless steel										
M3	M3	1.7	10	2.8	2.8	4.5	1	30987	E-M3-M3-S9 ²⁾ 3)	10
M thread – Steel										
M5	M5	2.5	12.6	3.8	3.8	7	2	4139	E-M5-M5 ³⁾	10
	G ¹ / ₈	2.5	15.3	3.8	4.9	13	1	4138	E-M5- ¹ / ₈ ³⁾	10
								534204	E-M5- ¹ / ₈ -100 ³⁾	100
G thread – Wrought aluminium alloy										
G ¹ / ₈	G ¹ / ₈	4.5	17	4.9	4.9	13	1	3573	E- ¹ / ₈ - ¹ / ₈ ³⁾	10
	G ¹ / ₄	4.5	19.5	4.9	5.8	17	1	3574	E- ¹ / ₈ - ¹ / ₄ ³⁾	10
								534205	E- ¹ / ₈ - ¹ / ₄ -100 ³⁾	100
G ¹ / ₄	G ¹ / ₄	6.5	21	5.8	5.8	17	1	3575	E- ¹ / ₄ - ¹ / ₄ ³⁾	10
	G ³ / ₈	6.5	22	5.8	6.8	19	10	3576	E- ¹ / ₄ - ³ / ₈ ³⁾	10
								534206	E- ¹ / ₄ - ³ / ₈ -50 ³⁾	50
G ³ / ₈	G ³ / ₈	9.0	23	6.8	6.8	19	10	3578	E- ³ / ₈ - ³ / ₈ ³⁾	10
	G ¹ / ₂	9.0	26.5	6.8	8.15	24	20	3579	E- ³ / ₈ - ¹ / ₂ ³⁾	1
								534207	E- ³ / ₈ - ¹ / ₂ -20 ³⁾	20
G ¹ / ₂	G ¹ / ₂	13.0	28	8.15	8.15	24	20	3580	E- ¹ / ₂ - ¹ / ₂ ³⁾	1
	G ³ / ₄	13.0	30.5	8.5	9.05	32	35	3582	E- ¹ / ₂ - ³ / ₄ ³⁾	1
G ³ / ₄	G ³ / ₄	18.0	32	9.5	9.05	32	30	3584	E- ³ / ₄ - ³ / ₄ ³⁾	1
M thread – Brass										
M7	G ¹ / ₈	4.5	17.7	5.3	4.9	13		534148	E-M7- ¹ / ₈ -MS	10
G thread – Brass										
G ¹ / ₈	G ¹ / ₈	4.5	17	4.9	4.9	13	10	15621	E- ¹ / ₈ - ¹ / ₈ -MS	10
	G ¹ / ₄	4.5	19.5	4.9	5.8	17	20	15622	E- ¹ / ₈ - ¹ / ₄ -MS	10
	G ³ / ₈	5.3	20.4	4.9	6.8	19	25	534150	E- ¹ / ₈ - ³ / ₈ -MS	10
G ¹ / ₄	G ¹ / ₄	6.5	21	5.8	5.8	17	20	15623	E- ¹ / ₄ - ¹ / ₄ -MS	10
	G ³ / ₈	6.5	22	5.8	6.8	19	30	15624	E- ¹ / ₄ - ³ / ₈ -MS	10
	G ¹ / ₂	8	25.5	5.8	8.15	24	30	534149	E- ¹ / ₄ - ¹ / ₂ -MS	10
G ³ / ₈	G ³ / ₈	9	23	6.8	6.8	19	30	15625	E- ³ / ₈ - ³ / ₈ -MS	10
	G ¹ / ₂	9	26.5	6.8	8.15	24	53	15626	E- ³ / ₈ - ¹ / ₂ -MS	1
G ¹ / ₂	G ¹ / ₂	13	28	8.15	8.15	24	52	15627	E- ¹ / ₂ - ¹ / ₂ -MS	1
	G ³ / ₄	13	30.5	8.15	9.05	32	100	15628	E- ¹ / ₂ - ³ / ₄ -MS	1
G ³ / ₄	G ³ / ₄	18	32	9.05	9.05	32	100	15629	E- ³ / ₄ - ³ / ₄ -MS	1

- 1) Packaging unit quantity
 2) Corrosion and acid resistant version
 3) Free of copper and PTFE

- 1 - Type discontinued
Available up until 2018

FESTO

Threaded fittings

Technical data

Double nipple ESK

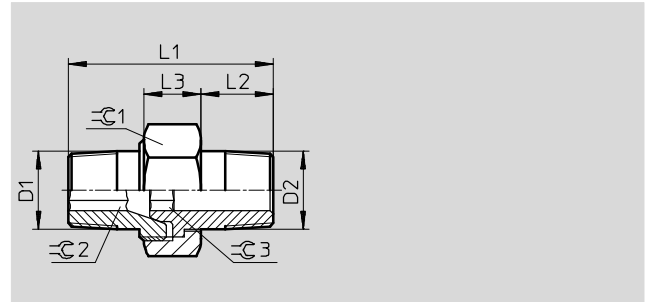
adjustable for angular compensation

Material:

Brass

Note on materials:

RoHS-compliant



Dimensions and ordering data										
Pneumatic connection		L1	L2	L3	C1	C2	C3	Part No.	Type	PU ¹⁾
D1	D2									
R ¹ / ₈	R ¹ / ₈	27	9	8.5	15	5	5	151520	ESK- ¹ / ₈ - ¹ / ₈	1
	R ¹ / ₄	30.6	12	9.5	19	5	6	534151	ESK- ¹ / ₈ - ¹ / ₄	1
	R ³ / ₈	34.5	13	10	22	5	8	534155	ESK- ¹ / ₈ - ³ / ₈	1
R ¹ / ₄	R ¹ / ₄	34	12	9.5	19	6	6	151521	ESK- ¹ / ₄ - ¹ / ₄	1
	R ³ / ₈	36	13	10	22	6	8	534152	ESK- ¹ / ₄ - ³ / ₈	1
	R ¹ / ₂	40.5	16	12	27	6	12	534153	ESK- ¹ / ₄ - ¹ / ₂	1
R ³ / ₈	R ³ / ₈	36	13	10	22	8	8	151522	ESK- ³ / ₈ - ³ / ₈	1
	R ¹ / ₂	44	16	12	27	8	12	534154	ESK- ³ / ₈ - ¹ / ₂	1
R ¹ / ₂	R ¹ / ₂	44	16	12	27	12	12	151523	ESK- ¹ / ₂ - ¹ / ₂	1

1) Packaging unit quantity

Bulkhead fitting SCM

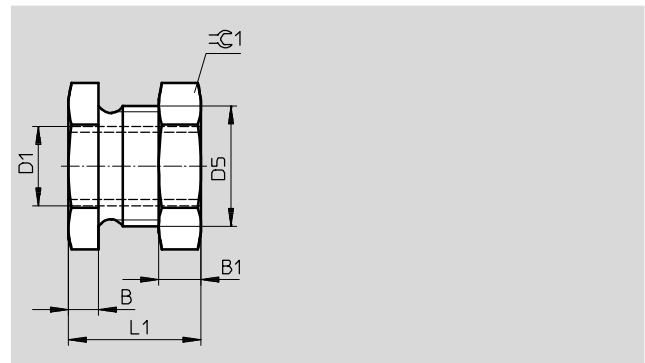
Material:

Anodised wrought aluminium alloy

Note on materials:

RoHS-compliant

Free of copper and PTFE



Dimensions and ordering data										
Pneumatic connection		B	B1	D5	L1	C1	Weight/ piece [g]	Part No.	Type	PU ¹⁾
D1										
M5		4	3.5	M10x1	15.5	13	5	9969	SCM-M5	1
G ¹ / ₈		5	5	M14x1.5	20	17	10	9970	SCM- ¹ / ₈	1
G ¹ / ₄		5	7	M20x1.5	22	24	28	9971	SCM- ¹ / ₄	1
G ³ / ₈		8	8.5	M24x1.5	26.5	27	34	9972	SCM- ³ / ₈	1
G ¹ / ₂		8	10.5	M30x1.5	28.5	36	78	9973	SCM- ¹ / ₂	1

1) Packaging unit quantity

- 1 - Type discontinued
Available up until 2018

FESTO

Threaded fittings

Technical data

Pipe coupling sleeve QM

Material:

Blue anodised aluminium

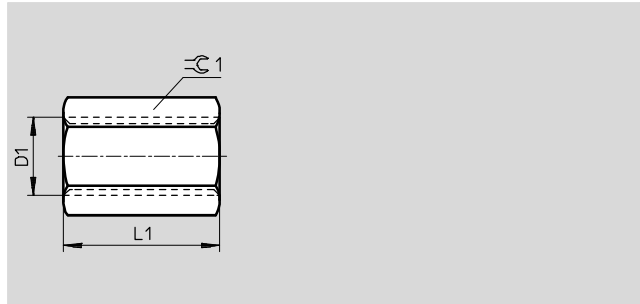
QM-M5-M5:

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
G ¹ / ₈		22	13	6	2254 QM- ¹ / ₈ - ¹ / ₈	10
G ¹ / ₄		26	17	9	2255 QM- ¹ / ₄ - ¹ / ₄	10
G ³ / ₈		32	22	19	2256 QM- ³ / ₈ - ³ / ₈	10
G ¹ / ₂		36	27	31	2257 QM- ¹ / ₂ - ¹ / ₂	1
G ³ / ₄		36	32	36	4226 QM- ³ / ₄ - ³ / ₄	1
G1		40	41	80	9968 QM-1-1	1

1) Packaging unit quantity

Pipe coupling sleeve QM

with sealing ring

Material:

Anodised wrought aluminium alloy

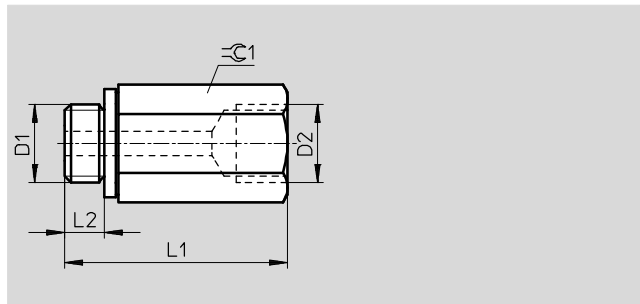
QM-M5-A/I:

Steel

Note on materials:

RoHS-compliant

Free of copper and PTFE



Dimensions and ordering data							
Pneumatic connection		L1	L2	± 1	Weight/ piece [g]	Part No. Type	PU ¹⁾
D1	D2						
M5	M5	18.5	3.8	7	4	36169 QM-M5-A/I	10
G ¹ / ₈	G ¹ / ₈	25.6	4.9	13	7	36170 QM- ¹ / ₈ -A/I	10
G ¹ / ₄	G ¹ / ₄	36	5.8	17	15	36171 QM- ¹ / ₄ -A/I	10
G ³ / ₈	G ³ / ₈	37.8	6.8	19	16	36172 QM- ³ / ₈ -A/I	10
G ¹ / ₂	G ¹ / ₂	49	8.15	24	36	187387 QM- ¹ / ₂ -A/I	1

1) Packaging unit quantity

- 2 - Type discontinued
Available up until 2018

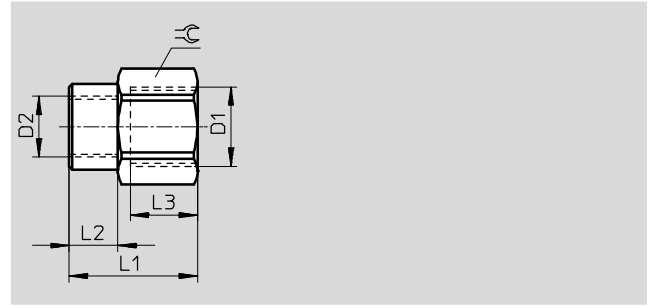
FESTO

Threaded fittings

Technical data

Reducing sleeve QMR

Material:
Nickel plated brass



Dimensions and ordering data										
Pneumatic connection		Nominal size	L1	L2	L3	≡	Weight/ piece [g]	Part No.	Type	PU ¹⁾
D1	D2	[mm]								
M thread										
G ¹ / ₈	M5	2.6	17	7	7	14	12	153281	QMR- ¹ / ₈ -M5-B	10
G thread										
G ¹ / ₄	G ¹ / ₈	5.3	21	8	9	17	22	153282	QMR- ¹ / ₄ - ¹ / ₈ -B	10
G ³ / ₈	G ¹ / ₄	6.9	25	11	11	21	34	153283	QMR- ³ / ₈ - ¹ / ₄ -B	10
G ¹ / ₂	G ³ / ₈	10.7	33	14	14	24	55	153284	QMR- ¹ / ₂ - ³ / ₈ -B	1

1) Packaging unit quantity

Threaded fittings

Technical data

FESTO

Elbow fitting LJK

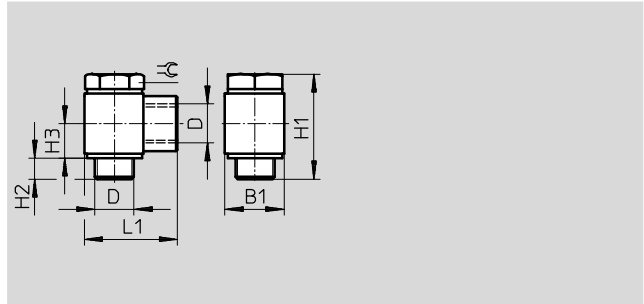
Material:

Housing: Die-cast zinc

Hollow bolt: Anodised aluminium

Note on materials:

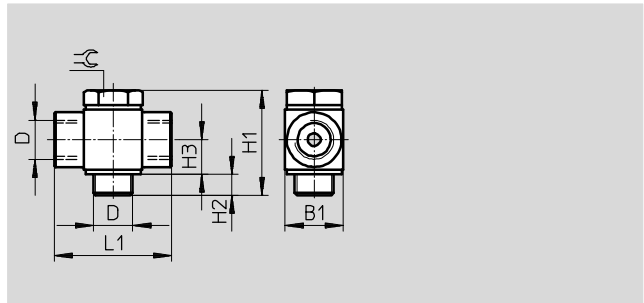
RoHS-compliant



Dimensions and ordering data										
Pneumatic connection D	Nominal size [mm]	B1	H1	H2	H3	L1	⌀	Part No.	Type	PU ¹⁾
G $\frac{1}{8}$	4	16	27.1	4.7	9.2	23.5	13	4945	LJK-$\frac{1}{8}$	1
G $\frac{1}{4}$	6	20	34.3	5.7	11.8	31	17	4946	LJK-$\frac{1}{4}$	1
G $\frac{3}{8}$	8	25	41.3	6.7	14.3	36.5	22	4947	LJK-$\frac{3}{8}$	1
G $\frac{1}{2}$	12	30	46.6	7.5	17.05	44	27	4948	LJK-$\frac{1}{2}$	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 D	Nominal size [mm]	B1	H1	H2	H3	L1	⌀	Part No.	Type	PU ¹⁾
M thread										
M3	1.2	5	10	2	3.3	10	4.5	15874	TJK-M3	10
G thread										
G $\frac{1}{8}$	4	16	27.1	4.7	9.2	28	13	4949	TJK-$\frac{1}{8}$	10
G $\frac{1}{4}$	6	20	34.3	5.7	11.8	39	17	4950	TJK-$\frac{1}{4}$	10
G $\frac{3}{8}$	8	25	41.3	6.7	14.3	43	22	4951	TJK-$\frac{3}{8}$	1
G $\frac{1}{2}$	12	30	46.6	7.5	17.05	52	27	4952	TJK-$\frac{1}{2}$	1

1) Packaging unit quantity