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Threaded fittings








FESTO



Threaded fittings

Product range overview









Design	Version	Type	Connection D1			Connection D2			→ Page/ Internet
			M thread	G thread ¹⁾	R thread ¹⁾	M thread	G thread ¹⁾	R thread ¹⁾	
Straight type	Blanking plug								
		B	M3	-	-	-	-	-	6
			M5						
			M7						
			-	G1/8					
				G1/4					
				G3/8					
				G1/2					
				G3/4					
			G1						
	Sleeve								
		NPFB-S	M5	-	-	-	-	-	12
			-	G1/8					
				G1/4					
				G3/8					
			G1/2						
	QM	M5	-	-	-	-	-	10	
		-	G1/8						
			G1/4						
			G3/8						
			G1/2						
	QM	M5	-	-	M5	-	-	10	
		-	G1/8			-	G1/8		
			G1/4				G1/4		
			G3/8				G3/8		
			G1/2				G1/2		
Reducing sleeve									
	NPFB-R	-	G1/8	-	-	G3/8	-	12	
				G1/2			G3/4		
	QMR	-	G1/8	-	M5	-	-	11	
				G1/4		-	G1/8		
				G3/8			G1/4		
				G1/2			G3/8		
Extension									
	NPFB-E...	-	G1/8	-	-	G1/8	-	13	
				G1/4			G1/4		
				G3/8			G3/8		
				G1/2			G1/2		

1) Sealing of the parallel threaded fittings NPFB with thread sealing tape GWB-0,1 Part No. 9076 is recommended.

Threaded fittings

Product range overview




Design	Version	Type	Connection D1			Connection D2			→ Page/ Internet	
			M thread	G thread ¹⁾	R thread ¹⁾	M thread	G thread ¹⁾	R thread ¹⁾		
Straight type	Double nipple									
		NPFB-D	M5	–	–	M5	–	–	14	
			M7	–	–	–	G1/8	–		
			–	G1/8	–	–	G1/8, G1/4, G3/8	–		
			–	G1/4	–	–	G1/4, G3/8, G1/2	–		
			–	G3/8	–	–	G3/8, G1/2	–		
			–	G1/2	–	–	G1/2	–		
			–	–	R1/8	–	–	R1/8, R1/4, R3/8		–
			–	–	R1/4	–	–	R1/4, R3/8, R1/2		–
			–	–	R3/8	–	–	R3/8, R1/2		–
			–	–	R1/2	–	–	R1/2, R3/4		–
	–	–	R3/4	–	–	R3/4	–			
	–	–	R1	–	–	R1	–			
		E	M3	–	–	M3	–	–	8	
			M5	–	–	M5	G1/8	–		
M7			–	–	–	G1/8	–			
–			G1/8	–	–	G1/8, G1/4, G3/8	–			
–			G1/4	–	–	G1/4, G3/8, G1/2	–			
–			G3/8	–	–	G3/8, G1/2	–			
–			G1/2	–	–	G1/2, G3/4	–			
–	G3/4	–	–	G3/4	–					
	ESK	–	–	R1/8	–	–	R1/8, R1/4, R3/8	9		
		–	–	R1/4	–	–	R1/4, R3/8, R1/2			
		–	–	R3/8	–	–	R3/8, R1/2			
		–	–	R1/2	–	–	R1/2			
Reducing nipple – Female thread/male thread										
	NPFB-R	M5	–	–	–	G1/8	–	15		
		–	G1/8	–	–	G1/4, G3/8	–			
		–	G1/4	–	–	G3/8	–			
		–	G3/8	–	–	G1/2	–			
Reducing nipple – Male thread/female thread										
	NPFB-R	–	G1/8	–	M5	–	–	15		
		–	G1/4	–	–	G1/8	–			
		–	G3/8	–	–	G1/8, G1/4	–			
		–	G1/2	–	–	G1/4, G3/8	–			
		–	G3/4	–	–	G1/2	–			
	D	M3	–	–	M5	–	–	7		
		M5	–	–	M7	G1/8, G1/4	–			
		M7	–	–	–	G1/8	–			
		–	G1/8	–	–	G1/4, G3/8	–			
		–	G1/4	–	–	G3/8, G1/2, G3/4	–			
		–	G3/8	–	–	G1/2, G3/4	–			
		–	G1/2	–	–	G3/4, G1	–			
		–	G3/4	–	–	G1	–			

1) Sealing of the parallel threaded fittings NPFB with thread sealing tape GWB-0,1 Part No. 9076 is recommended.

Threaded fittings

Product range overview











Design	Version	Type	Connection D1			Connection D2			→ Page/ Internet
			M thread	G thread ¹⁾	R thread ¹⁾	M thread	G thread ¹⁾	R thread ¹⁾	
Straight type 	Female bulkhead fitting								
	SCM	M5	–	–	–	–	–	9	
		–	G 1/8	–	–	–	–		
		–	G 1/4	–	–	–	–		
		–	G 3/8	–	–	–	–		
–	G 1/2	–	–	–	–				
L-shape 	Elbow fitting – Female thread								
	NPFB-L	M5	–	–	–	–	–	16	
		–	G 1/8	–	–	–	–		
		–	G 1/4	–	–	–	–		
		–	G 3/8	–	–	–	–		
		–	G 1/2	–	–	–	–		
		–	G 3/4	–	–	–	–		
	–	G 1	–	–	–	–			
	Elbow fitting – Male thread/female thread								
	NPFB-L	M5	–	–	M5	–	–	16	
		–	G 1/8	–	–	–	R 1/8		
		–	G 1/4	–	–	–	R 1/4		
		–	G 3/8	–	–	–	R 3/8		
–		G 1/2	–	–	–	R 1/2			
–		G 3/4	–	–	–	R 3/4			
–	G 1	–	–	–	R 1				
Elbow fitting – Male thread									
NPFB-L	M5	–	–	–	–	–	17		
	–	–	–	R 1/8	–	–			
	–	–	–	R 1/4	–	–			
	–	–	–	R 3/8	–	–			
	–	–	–	R 1/2	–	–			
	–	–	–	R 3/4	–	–			
–	–	–	R 1	–	–				
T-type 	T-fitting – Female thread								
	NPFB-T	M5	–	–	–	–	–	17	
		–	G 1/8	–	–	–	–		
		–	G 1/4	–	–	–	–		
		–	G 3/8	–	–	–	–		
		–	G 1/2	–	–	–	–		
		–	G 3/4	–	–	–	–		
	–	G 1	–	–	–	–			
	T-fitting – Female thread/male thread/female thread								
	NPFB-T	M5	–	–	M5	–	–	18	
		–	G 1/8	–	–	–	R 1/8		
–		G 1/4	–	–	–	R 1/4			
–		G 3/8	–	–	–	R 3/8			
–		G 1/2	–	–	–	R 1/2			
–		G 3/4	–	–	–	R 3/4			
–	G 1	–	–	–	R 1				

1) Sealing of the parallel threaded fittings NPFB with thread sealing tape GWB-0,1 Part No. 9076 is recommended.

Threaded fittings

Product range overview

Design	Version	Type	Connection D1			Connection D2			→ Page/ Internet	
			M thread	G thread ¹⁾	R thread ¹⁾	M thread	G thread ¹⁾	R thread ¹⁾		
T-type	T-fitting – Female thread/male thread/male thread									
		NPFB-T	–	G 1/8 G 1/4 G 3/8 G 1/2	–	–	–	R 1/8 R 1/4 R 3/8 R 1/2	18	
	T-fitting – Male thread									
		NPFB-T	–	–	R 1/8 R 1/4 R 3/8 R 1/2 R 3/4 R 1	–	–	–	19	
	T-fitting – Male thread/male thread/female thread									
		NPFB-T	–	–	R 1/8 R 1/4 R 3/8 R 1/2	–	G 1/8 G 1/4 G 3/8 G 1/2	–	19	
	T-fitting – Male thread/female thread/female thread									
		NPFB-T	M5 –	–	– R 1/8 R 1/4 R 3/8 R 1/2 R 3/4 R 1	M5 –	– G 1/8 G 1/4 G 3/8 G 1/2 G 3/4 G 1	–	20	
	Y-shape	Y-fitting – Female thread								
			NPFB-Y	–	G 1/8 G 1/4 G 3/8 G 1/2	–	–	–	–	20
		Y-fitting – Male thread/female thread/female thread								
		NPFB-Y	–	–	R 1/8 R 1/4 R 3/8 R 1/2	–	G 1/8 G 1/4 G 3/8 G 1/2	–	21	
X-shape	X-fitting – Female thread									
		NPFB-X	–	G 1/8 G 1/4 G 3/8 G 1/2	–	–	–	–	21	
	X-fitting – Male thread/female thread/female thread/female thread									
	NPFB-X	–	G 1/8 G 1/4 G 3/8 G 1/2	–	–	–	R 1/8 R 1/4 R 3/8 R 1/2	22		

1) Sealing of the parallel threaded fittings NPFB with thread sealing tape GWB-0,1 Part No. 9076 is recommended.

Threaded fittings

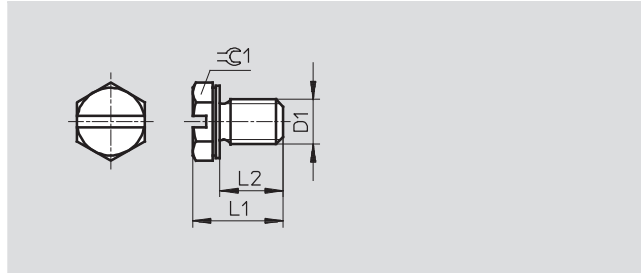
Technical data



Blanking plug B-M3-S9 with sealing ring

Material:
High-alloy stainless steel

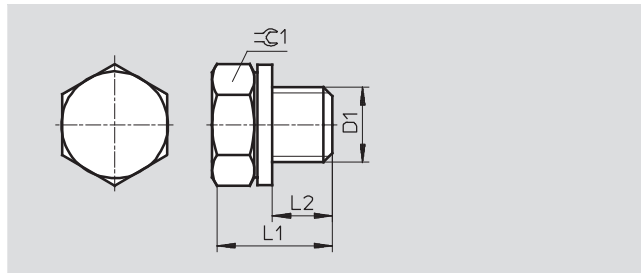
Note on materials:
Free of copper and PTFE



Blanking plug B-M5 with sealing ring

Material:
Aluminium

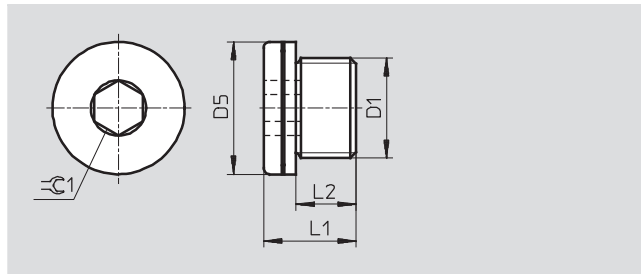
Note on materials:
Free of copper and PTFE



Blanking plug B with sealing ring

Material:
Steel

Note on materials:
Free of copper and PTFE



Dimensions and ordering data								
Connection	D5	L1	L2	$\approx C1$	Weight/piece [g]	Part No.	Type	PU ¹⁾
D1	\varnothing							
M thread								
M3	–	5.3	2.8	4.5	1	30979	B-M3-S9 ²⁾	10
M5	–	7.8	3.8	7	1	3843	B-M5	10
						534212	B-M5-100	100
	8	6.3	3.8	2.5	2	174308	B-M5-B	10
M7	9.5	7.8	5.3	3	2	174309	B-M7	10
G thread								
G ¹ / ₈	14	11	6.4	5	5	3568	B- ¹ / ₈ ³⁾	10
						534213	B- ¹ / ₈ -100 ³⁾	100
G ¹ / ₄	18	15	9.8	6	15	3569	B- ¹ / ₄ ³⁾	10
						534214	B- ¹ / ₄ -50 ³⁾	50
G ³ / ₈	22	15	9.8	8	22	3570	B- ³ / ₈ ³⁾	10
						534215	B- ³ / ₈ -20 ³⁾	20
G ¹ / ₂	26	18	11.65	10	43	3571	B- ¹ / ₂ ³⁾	10
						534216	B- ¹ / ₂ -20 ³⁾	20
G ³ / ₄	32	20	13.05	12	73	3572	B- ³ / ₄ ³⁾	1
G1	39	21	14	17	153	5763	B-1	1

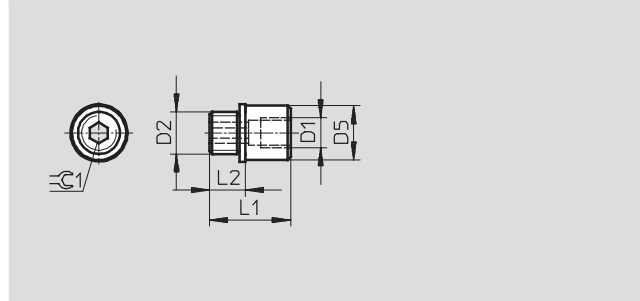
1) Packaging unit quantity
2) Corrosion and acid resistant version
3) Conforms to RoHS

Threaded fittings

Technical data

Reducing nipple D with sealing ring

Material:
Brass

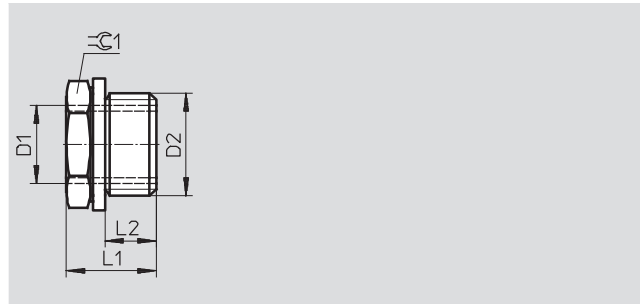


Dimensions and ordering data									
Connection		D5	L1	L2	≈C 1	Weight/piece [g]	Part No.	Type	PU ¹⁾
D1	D2								
M5	M7	9	13.5	6	3	43	161359	D-M5I-M7A-ISK	10

1) Packaging unit quantity

Reducing nipple D with sealing ring

Material:
Brass
D-M3I-M5A-S9:
High-alloy stainless steel



Dimensions and ordering data									
Connection		L1	L2	≈C 1	Weight/piece [g]	Part No.	Type	PU ¹⁾	
D1	D2								
M thread									
M3	M5	6.3	3.8	7	1	30980	D-M3I-M5A-S9 ²⁾	10	
M5 6 mm deep	G ¹ / ₈	9.5	4.9	13	10	3842	D-M5I- ¹ / ₈ A ³⁾	10	
						534208	D-M5I- ¹ / ₈ A-100	100	
M5	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 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 / ₈	G ³ / ₄	20.4	9.05	32	-	534145	D- ¹ / ₄ I- ³ / ₄ A	10	
						G ¹ / ₂	15.5	8.15	24
	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	14	32	45	3588	D- ¹ / ₂ I- ³ / ₄ A	1	
	G1	21	13	36	110	197634	D- ¹ / ₂ I-1A	1	
G ³ / ₄	G1	21	13	36	55	9168	D- ³ / ₄ I-1A	1	

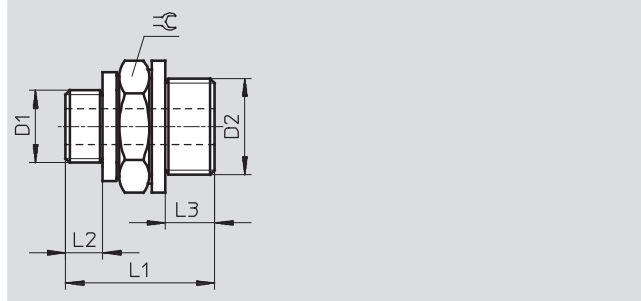
- 1) Packaging unit quantity
- 2) Corrosion and acid resistant version
- 3) Free of copper and PTFE

Threaded fittings

Technical data



Double nipple E
with 2 sealing rings



Dimensions and ordering data										
Connection		Nominal size	L1	L2	L3	±	Weight/piece [g]	Part No.	Type	PU ¹⁾
D1	D2									
M thread – High-alloy 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 – Aluminium										
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

Threaded fittings

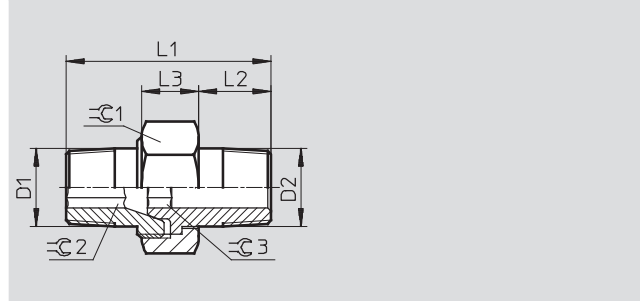
Technical data



Double nipple ESK

adjustable for angular compensation

Material:
Brass

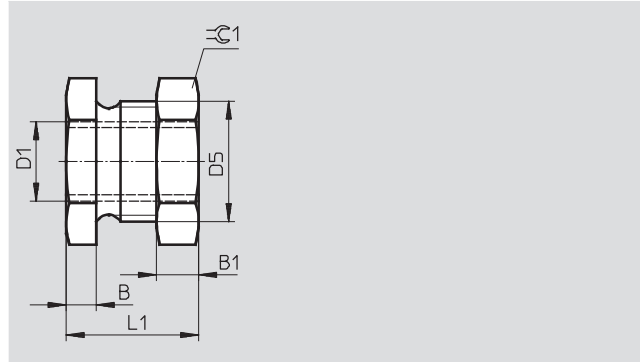


Dimensions and ordering data										
Connection		L1	L2	L3	⊙C1	⊙C2	⊙C3	Part No.	Type	PU ¹⁾
D1	D2									
R1/8	R1/8	27	9	8.5	15	5	5	151520	ESK-1/8-1/8	1
	R1/4	30.6	12	9.5	19	5	6	534151	ESK-1/8-1/4	1
	R3/8	34.5	13	10	22	5	8	534155	ESK-1/8-3/8	1
R1/4	R1/4	34	12	9.5	19	6	6	151521	ESK-1/4-1/4	1
	R3/8	36	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

Female bulkhead connector SCM

Material:
Blue anodised aluminium



Dimensions and ordering data										
Connection	D5	B	B1	L1	⊙C1	Weight/piece [g]	Part No.	Type	PU ¹⁾	
M5	M10x1	4	3.5	15.5	13	5	9969	SCM-M5	1	
G1/8	M14x1.5	5	5	20	17	10	9970	SCM-1/8	1	
G1/4	M20x1.5	5	7	22	24	28	9971	SCM-1/4	1	
G3/8	M24x1.5	8	8.5	26.5	27	34	9972	SCM-3/8	1	
G1/2	M30x1.5	8	10.5	28.5	36	78	9973	SCM-1/2	1	

1) Packaging unit quantity

Threaded fittings

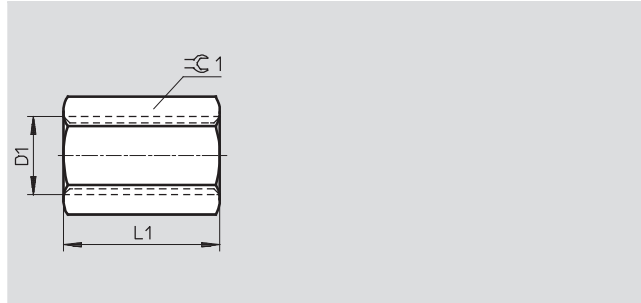
Technical data



Pipe coupling sleeve QM

Material:
Blue anodised aluminium
QM-M5-M5:
Steel

Note on materials:
Free of copper and PTFE
Conforms to RoHS



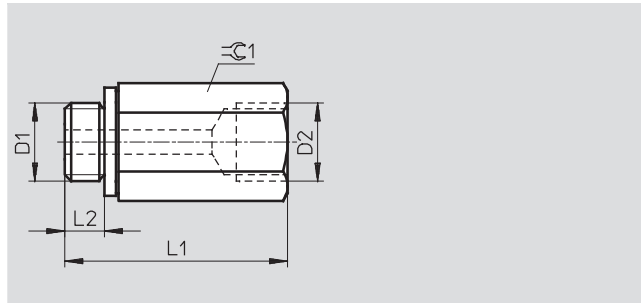
Dimensions and ordering data						
Connection	L1	$\varnothing 1$	Weight/piece [g]	Part No.	Type	PU ¹⁾
M5	12	7	1	3560	QM-M5-M5	10
G1/8	22	13	6	2254	QM-1/8-1/8	10
G1/4	26	17	9	2255	QM-1/4-1/4	10
G3/8	32	22	19	2256	QM-3/8-3/8	10
G1/2	36	27	31	2257	QM-1/2-1/2	1
G3/4	36	32	36	4226	QM-3/4-3/4	1
G1	40	41	80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

1) Packaging unit quantity

Pipe coupling sleeve QM with sealing ring

Material:
Blue anodised aluminium
QM-M5-A/I:
Steel

Note on materials:
Free of copper and PTFE



Dimensions and ordering data							
Connection	L1	L2	$\varnothing 1$	Weight/piece [g]	Part No.	Type	PU ¹⁾
M5	18.5	3.8	7	4	36169	QM-M5-A/I	10
G1/8	25.6	4.9	13	7	36170	QM-1/8-A/I	10
G1/4	36	5.8	17	15	36171	QM-1/4-A/I	10
G3/8	37.8	6.8	19	16	36172	QM-3/8-A/I	10
G1/2	49	8.15	24	36	187387	QM-1/2-A/I	1

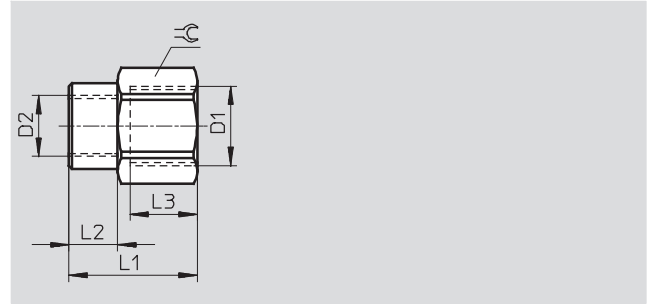
1) Packaging unit quantity

Threaded fittings

Technical data

Reducing sleeve QMR

Material:
Nickel plated brass



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

1) Packaging unit quantity

Threaded fittings NPFB

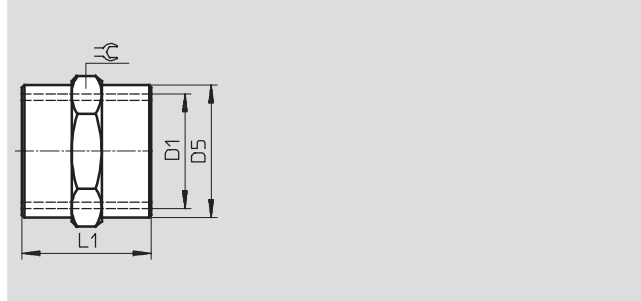
Technical data

Sleeve NPFB-S

Operating pressure:
-0.95 ... +40 bar
Ambient temperature:
-20 ... +150 °C
Operating medium:
Compressed air in accordance with
ISO 8573-1:2010 [7:-:-]

Material:
Nickel-plated brass

Note on material:
Conforms to RoHS



Dimensions and ordering data							
Connection	D5	L1	≅	Weight/piece [g]	Part No.	Type	PU ¹⁾
D1	∅						
M thread							
M5	7.5	11	8	3	547809	NPFB-S-2M5-F	10
G thread							
G ¹ / ₈	13.8	15	14	11	547810	NPFB-S-2G18-F	10
G ¹ / ₄	16.8	22	17	20	547811	NPFB-S-2G14-F	10
G ³ / ₈	21.8	24	22	38	547812	NPFB-S-2G38-F	10
G ¹ / ₂	25.5	30	26	55	547813	NPFB-S-2G12-F	10
G ³ / ₄	31.5	32	32	91	547814	NPFB-S-2G34-F	10

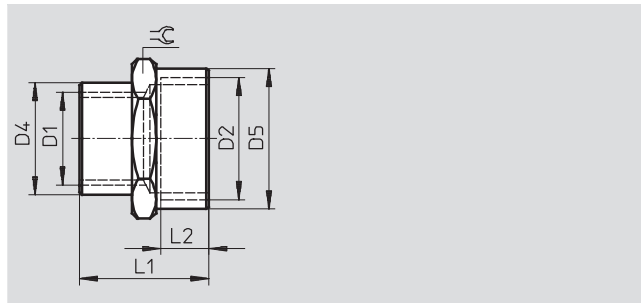
1) Packaging unit quantity

Reducing sleeve NPFB-R

Operating pressure:
-0.95 ... +40 bar
Ambient temperature:
-20 ... +150 °C
Operating medium:
Compressed air in accordance with
ISO 8573-1:2010 [7:-:-]

Material:
Nickel-plated brass

Note on material:
Conforms to RoHS



Dimensions and ordering data										
Connection		D4	D5	L1	L2	≅	Weight/piece [g]	Part No.	Type	PU ¹⁾
D1	D2	∅	∅							
G ¹ / ₈	G ³ / ₈	13.8	21.8	20	10	22	30	547815	NPFB-R-G38-G18-F	10
G ¹ / ₂	G ³ / ₄	25.5	31.5	30	13	32	83	547816	NPFB-R-G34-G12-F	10

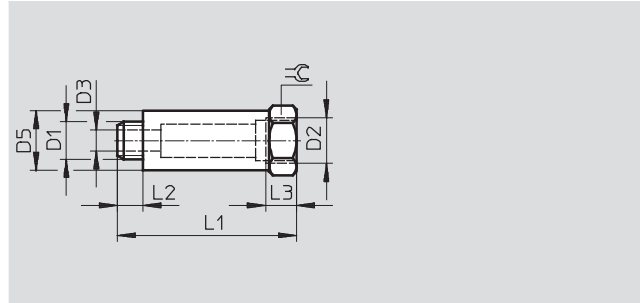
1) Packaging unit quantity

Threaded fittings NPFB

Technical data

Extension NPFB-E...

Operating pressure:
 -0.95 ... +40 bar
 Ambient temperature:
 -20 ... +150 °C
 Operating medium:
 Compressed air in accordance with
 ISO 8573-1:2010 [7:--:-]



Material:
 Nickel-plated brass

Note on material:
 Conforms to RoHS

Dimensions and ordering data											
Connection		D3	D5	L1	L2	L3	≅	Weight/piece [g]	Part No.	Type	PU ¹⁾
D1	D2	∅	∅								
E1											
G1/8	G1/8	5	13.5	22	6	6.5	14	17	547822	NPFB-E1-2G18-FM	10
G1/4	G1/4	7	16.5	28	8	10	17	28	547823	NPFB-E1-2G14-FM	10
G3/8	G3/8	11	21.8	32	9	10	22	40	547824	NPFB-E1-2G38-FM	10
G1/2	G1/2	14	25.5	35	10	11	26	55	547825	NPFB-E1-2G12-FM	10
E2											
G1/8	G1/8	5	13.5	32	6	6.5	14	25	547826	NPFB-E2-2G18-FM	10
G1/4	G1/4	7	16.5	35	8	10	17	35	547827	NPFB-E2-2G14-FM	10
E3											
G1/8	G1/8	5	13.5	42	6	6.5	14	32	547828	NPFB-E3-2G18-FM	10
G1/4	G1/4	7	16.5	51	8	10	17	51	547829	NPFB-E3-2G14-FM	10
E4											
G1/8	G1/8	5	13.5	51	6	6.5	14	40	547830	NPFB-E4-2G18-FM	10

1) Packaging unit quantity

Threaded fittings NPFB

Technical data



Double nipple NPFB-D

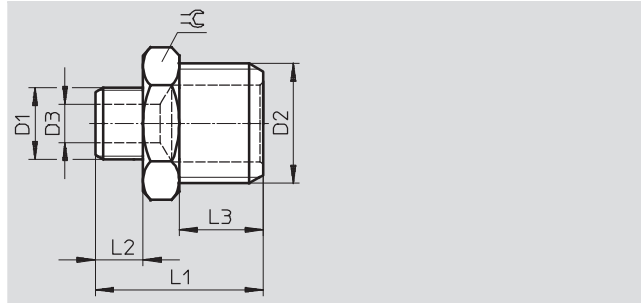
Operating pressure:
-0.95 ... +40 bar
Ambient temperature:
-20 ... +150 °C
Operating medium:
Compressed air in accordance with
ISO 8573-1:2010 [7:-:-]

Material:
Nickel-plated brass

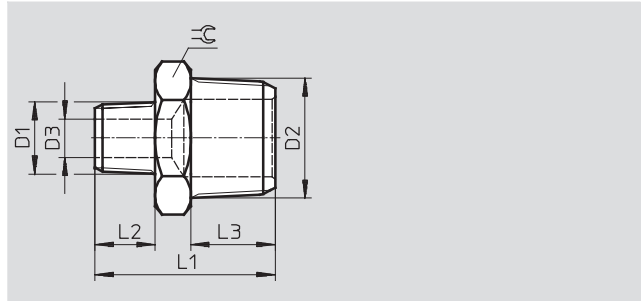
Note on material:
Conforms to RoHS



G thread



R thread



Dimensions and ordering data										
Connection		D3 ∅	L1	L2	L3	=C	Weight/piece [g]	Part No.	Type	PU ¹⁾
D1	D2									
M thread										
M5	M5	2	11.5	4	4	8	3	550036	NPFB-D-2M5-M	10
M7	G ³ / ₈	4	14.5	4	6	14	7	547799	NPFB-D-M7-G18-M	10
G thread										
G ¹ / ₈	G ¹ / ₈	5.5	16.5	6	6	14	10	547800	NPFB-D-2G18-M	10
	G ¹ / ₄	5.5	19	6	8	17	16	547801	NPFB-D-G18-G14-M	10
	G ³ / ₈	5.5	20	6	9	19	21	547802	NPFB-D-G18-G38-M	10
G ¹ / ₄	G ¹ / ₄	8	21	8	8	17	17	547803	NPFB-D-2G14-M	10
	G ³ / ₈	8	22	8	9	19	23	547804	NPFB-D-G14-G38-M	10
	G ¹ / ₂	8	23.5	8	10	24	36	547805	NPFB-D-G14-G12-M	10
G ³ / ₈	G ³ / ₈	11	23	9	9	19	24	547806	NPFB-D-2G38-M	10
	G ¹ / ₂	11	24.5	9	10	24	37	547807	NPFB-D-G38-G12-M	10
G ¹ / ₂	G ¹ / ₂	14	25.5	10	10	24	38	547808	NPFB-D-2G12-M	10
R thread										
R ¹ / ₈	R ¹ / ₈	5	20	8	8	12	11	547787	NPFB-D-2R18-M	10
	R ¹ / ₄	5	24	8	11	14	17	547788	NPFB-D-R18-R14-M	10
	R ³ / ₈	5.5	24.5	8	11.5	17	23	547789	NPFB-D-R18-R38-M	10
R ¹ / ₄	R ¹ / ₄	8	27	11	11	14	21	547790	NPFB-D-2R14-M	10
	R ³ / ₈	8	27.5	11	11.5	17	27	547791	NPFB-D-R14-R38-M	10
	R ¹ / ₂	8	30.5	11	14	22	44	547792	NPFB-D-R14-R12-M	10
R ³ / ₈	R ³ / ₈	11	28	11.5	11.5	17	30	547793	NPFB-D-2R38-M	10
	R ¹ / ₂	11	31	11.5	14	22	47	547794	NPFB-D-R38-R12-M	10
R ¹ / ₂	R ¹ / ₂	14	33.5	14	14	22	56	547795	NPFB-D-2R12-M	10
	R ³ / ₄	14	37.5	14	16.5	27	84	547796	NPFB-D-R12-R34-M	10
R ³ / ₄	R ³ / ₄	18.5	40	16.5	16.5	27	97	547797	NPFB-D-2R34-M	10
R1	R1	24.5	45.5	19	19	34	158	547798	NPFB-D-2R1-M	10

1) Packaging unit quantity

Threaded fittings NPFB

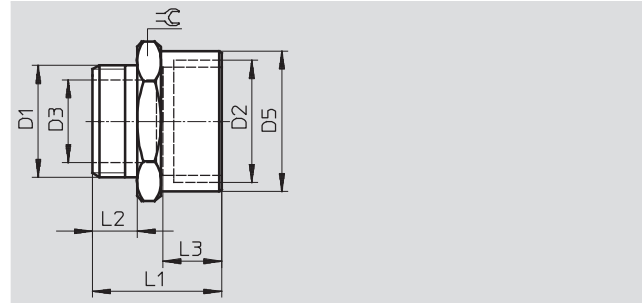
Technical data

Reducing nipple NPFB-R

Operating pressure:
-0.95 ... +40 bar
Ambient temperature:
-20 ... +150 °C
Operating medium:
Compressed air in accordance with
ISO 8573-1:2010 [7:--:-]

Material:
Nickel-plated brass

Note on material:
Conforms to RoHS



Dimensions and ordering data

Connection		D3 ∅	D5 ∅	L1	L2	L3	≡	Weight/piece [g]	Part No.	Type	PU ¹⁾
D1	D2										
M5	G $\frac{1}{8}$	2	13.8	15.5	4	6.5	14	11	547817	NPFB-R-G18-M5-FM	10
G $\frac{1}{8}$	G $\frac{1}{4}$	5.5	16.8	20.5	6	8	17	19	547818	NPFB-R-G14-G18-FM	10
	G $\frac{3}{8}$	5.5	21.8	23	6	10	22	35	547819	NPFB-R-G38-G18-FM	10
G $\frac{1}{4}$	G $\frac{3}{8}$	8	21.8	24	8	10	22	35	547820	NPFB-R-G38-G14-FM	10
G $\frac{3}{8}$	G $\frac{1}{2}$	11	25.5	29.5	9	11	26	51	547821	NPFB-R-G12-G38-FM	10

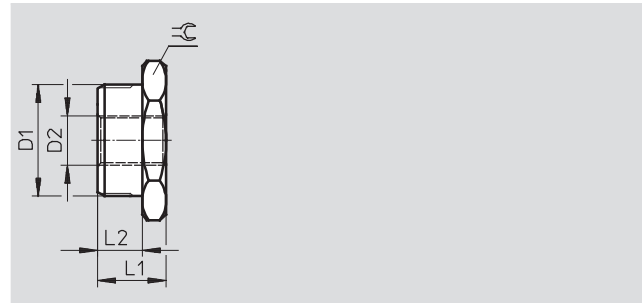
1) Packaging unit quantity

Reducing nipple NPFB-R

Operating pressure:
-0.95 ... +40 bar
Ambient temperature:
-20 ... +150 °C
Operating medium:
Compressed air in accordance with
ISO 8573-1:2010 [7:--:-]

Material:
Nickel-plated brass

Note on material:
Conforms to RoHS



Dimensions and ordering data

Connection		L1	L2	≡	Weight/piece [g]	Part No.	Type	PU ¹⁾
D1	D2							
G $\frac{1}{8}$	M5	10.5	6	14	8	547831	NPFB-R-G18-M5-MF	10
G $\frac{1}{4}$	G $\frac{1}{8}$	13	8	17	13	547832	NPFB-R-G14-G18-MF	10
G $\frac{3}{8}$	G $\frac{1}{8}$	14	9	19	22	547833	NPFB-R-G38-G18-MF	10
	G $\frac{1}{4}$	14	9	19	16	547834	NPFB-R-G38-G14-MF	10
G $\frac{1}{2}$	G $\frac{1}{4}$	15.5	10	24	35	547835	NPFB-R-G12-G14-MF	10
	G $\frac{3}{8}$	15.5	10	24	28	547836	NPFB-R-G12-G38-MF	10
G $\frac{3}{4}$	G $\frac{1}{2}$	17.5	11	30	51	575668	NPFB-R-G34-G12-MF	10

1) Packaging unit quantity

Threaded fittings NPFB

Technical data

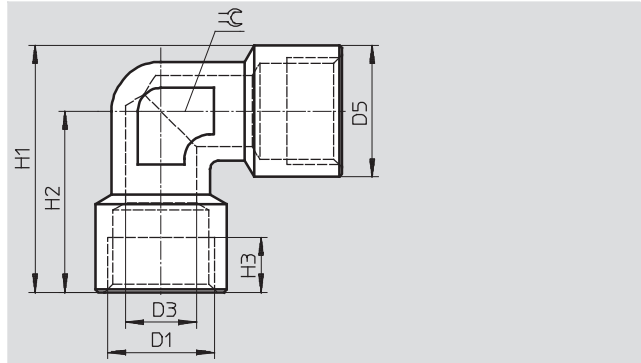


Elbow fitting NPFB-L

Operating pressure:
-0.95 ... +40 bar
Ambient temperature:
-20 ... +150 °C
Operating medium:
Compressed air in accordance with
ISO 8573-1:2010 [7:-:-]

Material:
Nickel-plated brass

Note on material:
Conforms to RoHS



Dimensions and ordering data										
Connection	D3	D5	H1	H2	H3	∠	Weight/piece [g]	Part No.	Type	PU ¹⁾
D1	∅	∅								
M5	4.2	8.5	15.25	11	4	9	31	547715	NPFB-L-2M5-F	10
G1/8	6	13	26.5	20	7	10	19	547716	NPFB-L-2G18-F	10
G1/4	9	16	33.5	25.5	8	13	31	547717	NPFB-L-2G14-F	10
G3/8	10	20.5	39.25	29	10	17	61	547718	NPFB-L-2G38-F	10
G1/2	14	25.5	47.75	35	11	20	115	547719	NPFB-L-2G12-F	10
G3/4	19	32	52.5	36.5	16.5	25	145	547720	NPFB-L-2G34-F	10
G1	24	39	64.5	45	19	30	245	547721	NPFB-L-2G1-F	10

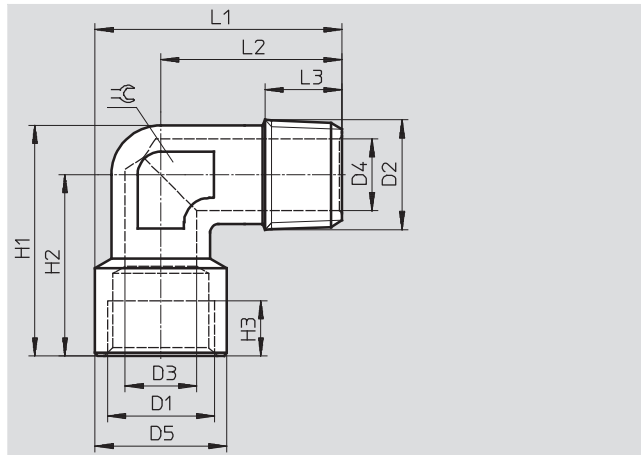
1) Packaging unit quantity

Elbow fitting NPFB-L

Operating pressure:
-0.95 ... +40 bar
Ambient temperature:
-20 ... +150 °C
Operating medium:
Compressed air in accordance with
ISO 8573-1:2010 [7:-:-]

Material:
Nickel-plated brass

Note on material:
Conforms to RoHS



Dimensions and ordering data															
Connection	D3	D4	D5	L1	L2	L3	H1	H2	H3	∠	Weight/piece [g]	Part No.	Type	PU ¹⁾	
D1	D2	∅	∅	∅											
M5	M5	4.2	2	7.5	15.25	11.5	4	17	13.5	4	9	6	547722	NPFB-L-2M5-MF	10
G1/8	R1/8	6	5.5	13	25.5	19	8	25	20	7	10	18	547723	NPFB-L-R18-G18-MF	10
G1/4	R1/4	9	8	16	32	24	12.5	32	25.5	8	13	32	547724	NPFB-L-R14-G14-MF	10
G3/8	R3/8	10	11	20.5	36.75	26.5	13.6	37.5	29	10	17	55	547725	NPFB-L-R38-G38-MF	10
G1/2	R1/2	14	14	25.5	44.25	31.5	15.5	45.5	35	11	20	99	547726	NPFB-L-R12-G12-MF	10
G3/4	R3/4	19	19	32	49	33	16	49.75	36.5	16.5	25	120	547727	NPFB-L-R34-G34-MF	10
G1	R1	24	24	39	58.5	39	17	60.5	45	19	30	212	547728	NPFB-L-R1-G1-MF	10

1) Packaging unit quantity

Threaded fittings NPFB

Technical data

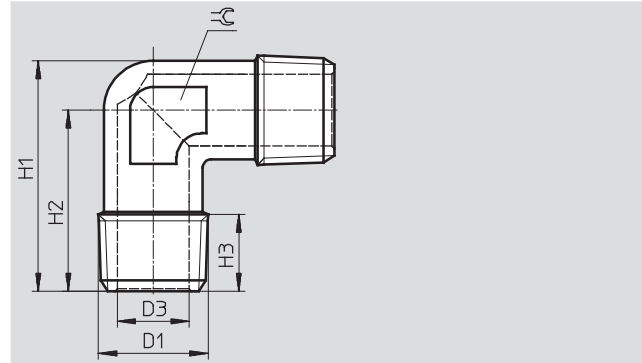


Elbow fitting NPFB-L

Operating pressure:
-0.95 ... +40 bar
Ambient temperature:
-20 ... +150 °C
Operating medium:
Compressed air in accordance with
ISO 8573-1:2010 [7:--:-]

Material:
Nickel-plated brass

Note on material:
Conforms to RoHS



Dimensions and ordering data										
Connection D1	D3 ∅	H1	H2	H3	∅	Weight/piece [g]	Part No.	Type	PU ¹⁾	
M5	2	15.5	11.5	4	9	8	547729	NPFB-L-2M5-M	10	
R1/8	5.5	24	19	8	10	14	547730	NPFB-L-2R18-M	10	
R1/4	8	30.5	24	12.5	13	29	547731	NPFB-L-2R14-M	10	
R3/8	11	34.8	26.5	13.6	17	45	547732	NPFB-L-2R38-M	10	
R1/2	14	42	31.5	15.5	20	83	547733	NPFB-L-2R12-M	10	
R3/4	19	46	33	16	25	100	547734	NPFB-L-2R34-M	10	
R1	24	54.5	39	17	30	174	547735	NPFB-L-2R1-M	10	

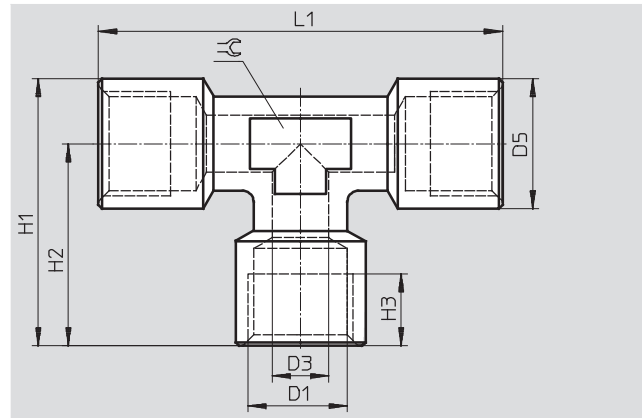
1) Packaging unit quantity

T-fitting NPFB-T

Operating pressure:
-0.95 ... +40 bar
Ambient temperature:
-20 ... +150 °C
Operating medium:
Compressed air in accordance with
ISO 8573-1:2010 [7:--:-]

Material:
Nickel-plated brass

Note on material:
Conforms to RoHS



Dimensions and ordering data											
Connection D1	D3 ∅	D5 ∅	L1	H1	H2	H3	∅	Weight/piece [g]	Part No.	Type	PU ¹⁾
M5	4.2	8.5	22	15.25	11	5	9	10	547744	NPFB-T-3M5-F	10
G1/8	6	13	40	26.5	20	7	10	27	547745	NPFB-T-3G18-F	10
G1/4	9	16	51	33.5	25.5	8	13	44	547746	NPFB-T-3G14-F	10
G3/8	10	21	58	39.5	29	10	17	85	547747	NPFB-T-3G38-F	10
G1/2	15	26.2	70	48.1	35	11	20	151	547748	NPFB-T-3G12-F	10
G3/4	19	32	73	52.5	36.5	16.5	25	194	547749	NPFB-T-3G34-F	10
G1	24	39	90	64.5	45	19	30	326	547750	NPFB-T-3G1-F	10

1) Packaging unit quantity

Threaded fittings NPFB

Technical data

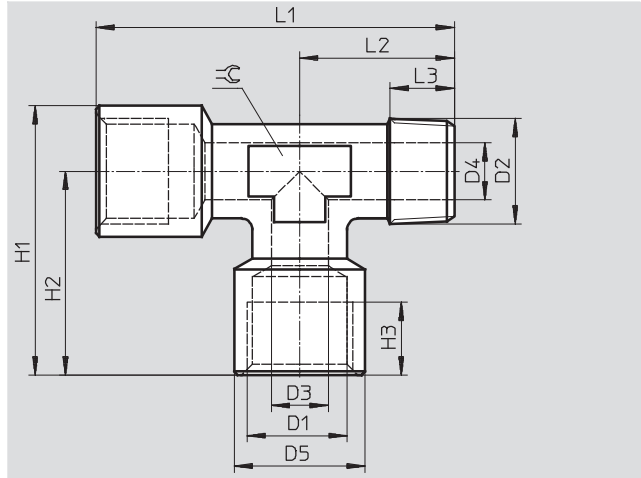


T-fitting NPFB-T

Operating pressure:
-0.95 ... +40 bar
Ambient temperature:
-20 ... +150 °C
Operating medium:
Compressed air in accordance with
ISO 8573-1:2010 [7:-:-]

Material:
Nickel-plated brass

Note on material:
Conforms to RoHS



Dimensions and ordering data															
Connection		D3	D4	D5	L1	L2	L3	H1	H2	H3	∅	Weight/piece [g]	Part No.	Type	PU ¹⁾
D1	D2	∅	∅	∅											
M5	M5	4.2	2	8.5	22.5	12	4	15.25	11	5	9	8	547758	NPFB-T-3M5-FMF	10
G ¹ / ₈	R ¹ / ₈	6	5.5	13	39	19	8	26.5	20	7	10	26	547759	NPFB-T-2G18-R18-FMF	10
G ¹ / ₄	R ¹ / ₄	9	8	16	49.5	24	11	33.5	25.5	8	13	46	547760	NPFB-T-2G14-R14-FMF	10
G ³ / ₈	R ³ / ₈	10	11	20.5	55.5	26.5	13.6	39.25	29	10	17	82	547761	NPFB-T-2G38-R38-FMF	10
G ¹ / ₂	R ¹ / ₂	15	15	25.5	66.5	31.5	15.5	47.75	35	11	20	133	547762	NPFB-T-2G12-R12-FMF	10
G ³ / ₄	R ³ / ₄	19	19	32	69.5	33	16	52.5	36.5	16.5	25	172	547763	NPFB-T-2G34-R34-FMF	10
G1	R1	24	24	39	84	39	17.5	64.5	45	19	30	298	547764	NPFB-T-2G1-R1-FMF	10

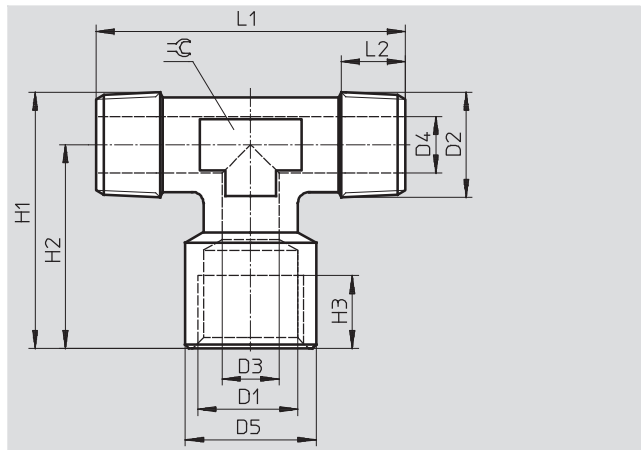
1) Packaging unit quantity

T-fitting NPFB-T

Operating pressure:
-0.95 ... +40 bar
Ambient temperature:
-20 ... +150 °C
Operating medium:
Compressed air in accordance with
ISO 8573-1:2010 [7:-:-]

Material:
Nickel-plated brass

Note on material:
Conforms to RoHS



Dimensions and ordering data															
Connection		D3	D4	D5	L1	L2	H1	H2	H3	∅	Weight/piece [g]	Part No.	Type	PU ¹⁾	
D1	D2	∅	∅	∅											
G ¹ / ₈	R ¹ / ₈	5.5	6	13	38	8	24.9	20	7	10	23	547771	NPFB-T-G18-2R18-FMM	10	
G ¹ / ₄	R ¹ / ₄	8	9	16	48	12.5	32	25.5	8	13	43	547772	NPFB-T-G14-2R14-FMM	10	
G ³ / ₈	R ³ / ₈	11	10	20.5	53	13.6	37.5	29	10	17	72	547773	NPFB-T-G38-2R38-FMM	10	
G ¹ / ₂	R ¹ / ₂	15	15	25.5	63	15.5	45.7	35	11	20	118	547774	NPFB-T-G12-2R12-FMM	10	

1) Packaging unit quantity

Threaded fittings NPFB

Technical data

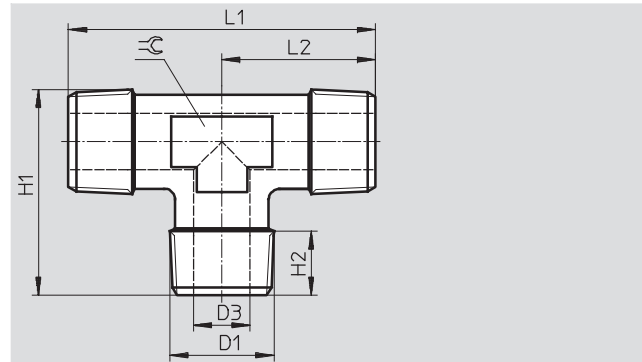


T-fitting NPFB-T

Operating pressure:
-0.95 ... +40 bar
Ambient temperature:
-20 ... +150 °C
Operating medium:
Compressed air in accordance with
ISO 8573-1:2010 [7:--:-]

Material:
Nickel-plated brass

Note on material:
Conforms to RoHS



Dimensions and ordering data										
Connection	D3	L1	L2	H1	H2	≅	Weight/piece [g]	Part No.	Type	PU ¹⁾
D1	∅									
R1/8	5.5	38	19	23.9	8	10	20	547765	NPFB-T-3R18-M	10
R1/4	8	48	24	30.6	12.5	13	41	547766	NPFB-T-3R14-M	10
R3/8	11	53	26.5	34.8	13.6	17	62	547767	NPFB-T-3R38-M	10
R1/2	15	63	31.5	42.2	15.5	20	101	547768	NPFB-T-3R12-M	10
R3/4	19	66.4	33.2	45	16.2	25	134	547769	NPFB-T-3R34-M	10
R1	24	78	39	54.2	17.5	30	236	547770	NPFB-T-3R1-M	10

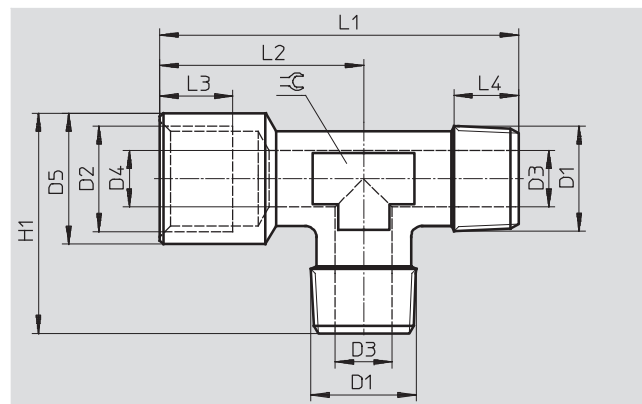
1) Packaging unit quantity

T-fitting NPFB-T

Operating pressure:
-0.95 ... +40 bar
Ambient temperature:
-20 ... +150 °C
Operating medium:
Compressed air in accordance with
ISO 8573-1:2010 [7:--:-]

Material:
Nickel-plated brass

Note on material:
Conforms to RoHS



Dimensions and ordering data														
Connection	D3	D4	D5	L1	L2	L3	L4	H1	≅	Weight/piece [g]	Part No.	Type	PU ¹⁾	
D1	D2	∅	∅	∅										
R1/8	G1/8	6	5.5	13	39	20	7	8	25.5	10	24	547775	NPFB-T-2R18-G18-MMF	10
R1/4	G1/4	9	8	16	49.5	25.5	8	12.5	32	13	43	547776	NPFB-T-2R14-G14-MMF	10
R3/8	G3/8	10	11	20.5	55.5	29	10	13.6	36.75	17	72	547777	NPFB-T-2R38-G38-MMF	10
R1/2	G1/2	15	15	25.5	66.5	35	11	15.5	44.25	20	117	547778	NPFB-T-2R12-G12-MMF	10

1) Packaging unit quantity

Threaded fittings NPFB

Technical data

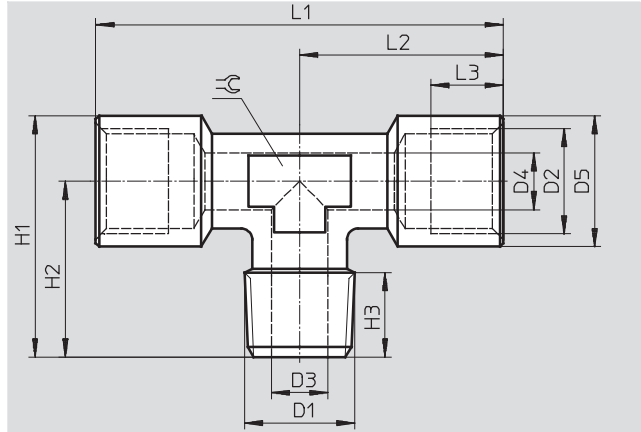


T-fitting NPFB-T

Operating pressure:
-0.95 ... +40 bar
Ambient temperature:
-20 ... +150 °C
Operating medium:
Compressed air in accordance with
ISO 8573-1:2010 [7:--:-]

Material:
Nickel-plated brass

Note on material:
Conforms to RoHS



Dimensions and ordering data															
Connection		D3	D4	D5	L1	L2	L3	H1	H2	H3	⌀	Weight/piece [g]	Part No.	Type	PU ¹⁾
D1	D2	∅	∅	∅											
M5	M5	2	4.2	8.5	22	11	5	15.75	11.5	4	9	8	547751	NPFB-T-3M5-MFF	10
R1/8	G1/8	5.5	6	13	40	20	7	25.5	19	8	10	26	547752	NPFB-T-R18-2G18-MFF	10
R1/4	G1/4	8	9	16	51	25.5	8	32	24	12.5	13	46	547753	NPFB-T-R14-2G14-MFF	10
R3/8	G3/8	11	10	20.5	58	29	10	36.75	26.5	13.6	17	83	547754	NPFB-T-R38-2G38-MFF	10
R1/2	G1/2	15	15	25.5	70	35	11	44.25	31.5	15.5	20	130	547755	NPFB-T-R12-2G12-MFF	10
R3/4	G3/4	19	19	32	73	36.5	16.5	49	33	16	25	178	547756	NPFB-T-R34-2G34-MFF	10
R1	G1	24	24	39	90	45	19	58.5	39	17.5	30	296	547757	NPFB-T-R1-2G1-MFF	10

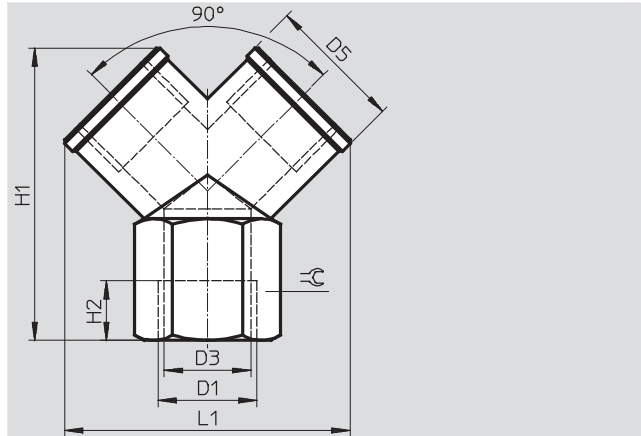
1) Packaging unit quantity

Y-fitting NPFB-Y

Operating pressure:
-0.95 ... +40 bar
Ambient temperature:
-20 ... +150 °C
Operating medium:
Compressed air in accordance with
ISO 8573-1:2010 [7:--:-]

Material:
Nickel-plated brass

Note on material:
Conforms to RoHS



Dimensions and ordering data														
Connection	D3	D5	L1	H1	H2	⌀	Weight/piece [g]	Part No.	Type	PU ¹⁾				
D1	∅	∅												
G1/8	8.7	13	29	26.5	8	13	18	547736	NPFB-Y-3G18-F	10				
G1/4	11.6	17	36	32	11	17	32	547737	NPFB-Y-3G14-F	10				
G3/8	15	21	41	37	11.5	20	44	547738	NPFB-Y-3G38-F	10				
G1/2	19	26	52.5	45	14	25	92	547739	NPFB-Y-3G12-F	10				

1) Packaging unit quantity

Threaded fittings NPFB

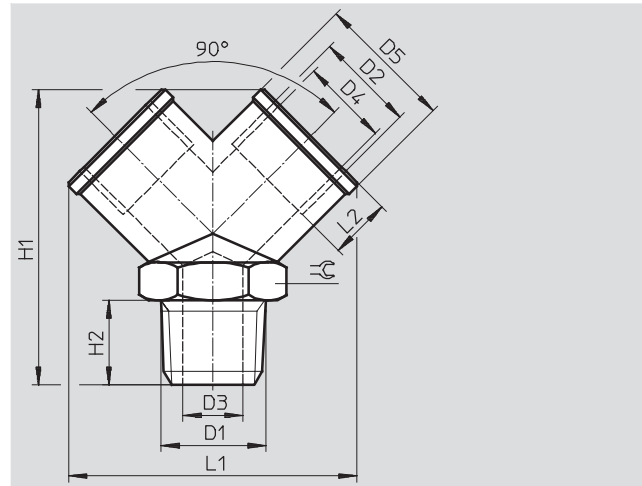
Technical data

Y-fitting NPFB-Y

Operating pressure:
-0.95 ... +40 bar
Ambient temperature:
-20 ... +150 °C
Operating medium:
Compressed air in accordance with
ISO 8573-1:2010 [7:--:-]

Material:
Nickel-plated brass

Note on material:
Conforms to RoHS



Dimensions and ordering data													
Connection		D3	D4	D5	L1	L2	H1	H2	⌀	Weight/piece	Part No.	Type	PU ¹⁾
D1	D2	Ø	Ø	Ø						[g]			
R1/8	G1/8	5.5	8.7	13	29	8	32	8	13	22	547740	NPFB-Y-R18-2G18-MFF	10
R1/4	G1/4	8	11.6	17	36	11	38	11	17	38	547741	NPFB-Y-R14-2G14-MFF	10
R3/8	G3/8	11	15	21	41	11.5	42.5	11.5	20	52	547742	NPFB-Y-R38-2G38-MFF	10
R1/2	G1/2	15	19	26	52.5	14	53	14	25	110	547743	NPFB-Y-R12-2G12-MFF	10

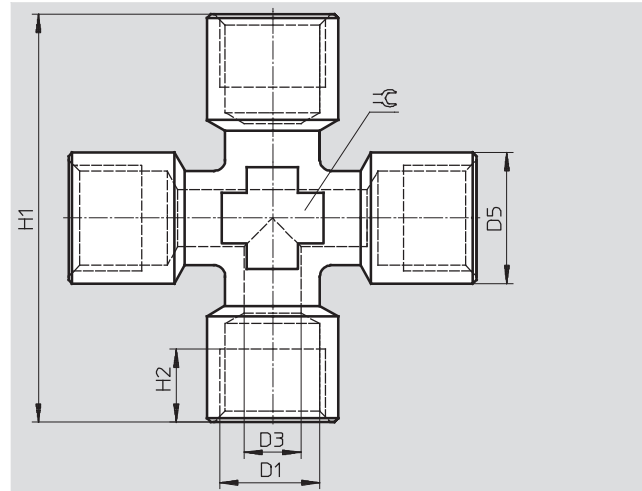
1) Packaging unit quantity

X-fitting NPFB-X

Operating pressure:
-0.95 ... +40 bar
Ambient temperature:
-20 ... +150 °C
Operating medium:
Compressed air in accordance with
ISO 8573-1:2010 [7:--:-]

Material:
Nickel-plated brass

Note on material:
Conforms to RoHS



Dimensions and ordering data										
Connection		D3	D5	H1	H2	⌀	Weight/piece	Part No.	Type	PU ¹⁾
D1		Ø	Ø				[g]			
G1/8		6	13	46	7	13	60	547779	NPFB-X-4G18-F	10
G1/4		9	17	51	8	13	73	547780	NPFB-X-4G14-F	10
G3/8		10	20.5	58	10	17	118	547781	NPFB-X-4G38-F	10
G1/2		15	26.2	67	14	21	186	547782	NPFB-X-4G12-F	10

1) Packaging unit quantity

Threaded fittings NPFB

Technical data



X-fitting NPFB-X

Operating pressure:

-0.95 ... +40 bar

Ambient temperature:

-20 ... +150 °C

Operating medium:

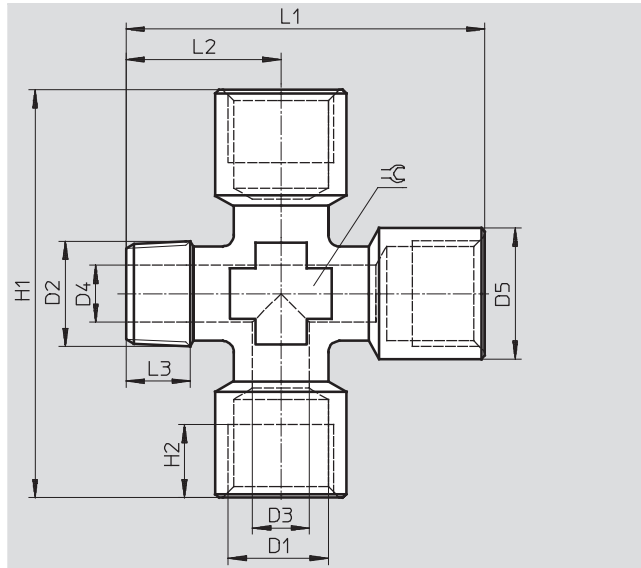
Compressed air in accordance with ISO 8573-1:2010 [7:-:-]

Material:

Nickel-plated brass

Note on material:

Conforms to RoHS



Dimensions and ordering data														
Connection		D3	D4	D5	L1	L2	L3	H1	H2	⌀	Weight/piece [g]	Part No.	Type	PU ¹⁾
D1	D2	∅	∅	∅										
G1/8	R1/8	6	6	13	46	23	8	46	7	13	52	547783	NPFB-X-R18-3G18-MFFF	10
G1/4	R1/4	9	8	17	49.5	24	12.5	51	8	13	67	547784	NPFB-X-R14-3G14-MFFF	10
G3/8	R3/8	10	11	20.5	55.5	26.5	13.6	58	10	17	100	547785	NPFB-X-R38-3G38-MFFF	10
G1/2	R1/2	15	15	26.2	64.5	31	14.0	67	14	21	168	547786	NPFB-X-R12-3G12-MFFF	10

1) Packaging unit quantity

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