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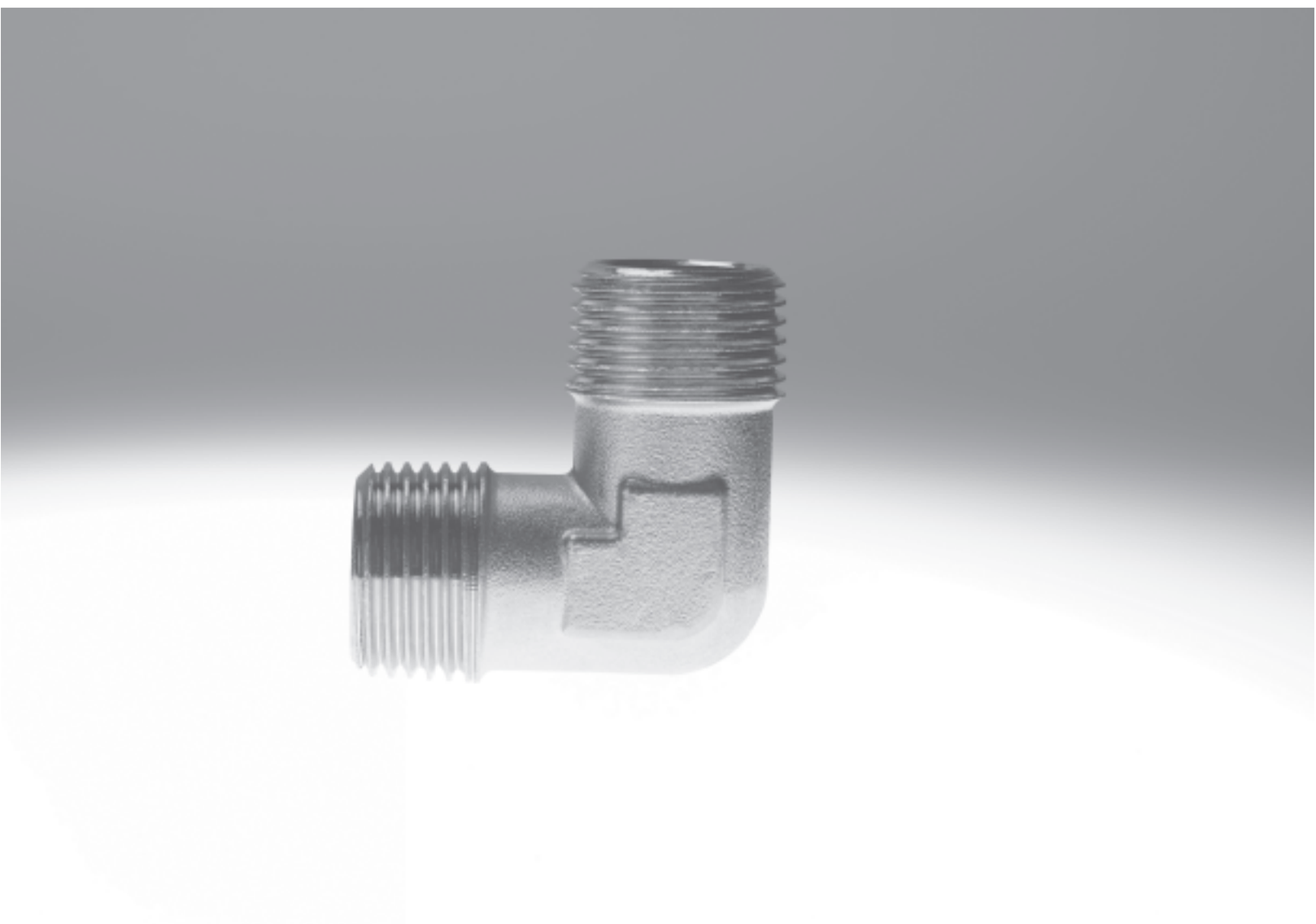
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Find the *Festo NPFB-S-2G14-F* at our website: ***Click HERE***

Threaded fittings

FESTO

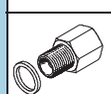


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Threaded fittings

Product range overview

FESTO

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					
				G3⁄4					
		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								
		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.

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Threaded fittings

Product range overview

FESTO

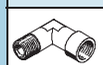
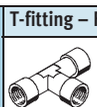
Design	Version	Type	Connection D1			Connection D2			→ Page/ Internet
			M thread	G thread[1)]	R thread[1)]	M thread	G thread[1)]	R thread[1)]	
Straight type	**Double nipple**								
		NPFB-D	M5	–	–	M5	–	–	14
			M7			–	G1/8		
			–	G1/8			G1/8, G1/4, G3/8		
				G1/4			G1/4, G3/8, G1/2		
				G3/8			G3/8, 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.

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Threaded fittings

Product range overview

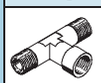
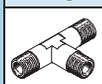
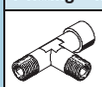
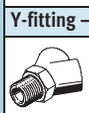
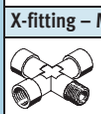
Design	Version	Type	Connection D1			Connection D2			→ Page/ Internet
			M thread	G thread[1]	R thread[1]	M thread	G thread[1]	R thread[1]	
Straight type	**Female bulkhead fitting**								
		SCM	M5	–	–	–	–	–	9
			–	G1/8					
				G1/4					
				G3/8					
				G1/2					
L-shape	**Elbow fitting – Female thread**								
		NPFB-L	M5	–	–	–	–	–	16
			–	G1/8					
				G1/4					
				G3/8					
				G1/2					
				G3/4					
				G1					
	Elbow fitting – Male thread/female thread								
		NPFB-L	M5	–	–	M5	–	–	16
			–	G1/8		–		R1/8	
				G1/4				R1/4	
				G3/8				R3/8	
				G1/2				R1/2	
				G3/4				R3/4	
				G1				R1	
	Elbow fitting – Male thread								
		NPFB-L	M5	–	–	–	–	–	17
			–		R1/8				
					R1/4				
					R3/8				
					R1/2				
					R3/4				
					R1				
T-type	**T-fitting – Female thread**								
		NPFB-T	M5	–	–	–	–	–	17
			–	G1/8					
				G1/4					
				G3/8					
				G1/2					
				G3/4					
				G1					
	T-fitting – Female thread/male thread/female thread								
		NPFB-T	M5	–	–	M5	–	–	18
			–	G1/8		–		R1/8	
				G1/4				R1/4	
				G3/8				R3/8	
				G1/2				R1/2	
				G3/4				R3/4	
				G1				R1	

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

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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	–	G1/8	–	–	–	R1/8	18
				G1/4				R1/4	
				G3/8				R3/8	
				G1/2				R1/2	
	T-fitting – Male thread								
		NPFB-T	–	–	R1/8	–	–	–	19
					R1/4				
					R3/8				
					R1/2				
					R3/4				
					R1				
	T-fitting – Male thread/male thread/female thread								
		NPFB-T	–	–	R1/8	–	G1/8	–	19
					R1/4		G1/4		
					R3/8		G3/8		
					R1/2		G1/2		
	T-fitting – Male thread/female thread/female thread								
		NPFB-T	M5	–	–	M5	–	–	20
			–		R1/8	–	G1/8		
					R1/4		G1/4		
					R3/8		G3/8		
					R1/2		G1/2		
					R3/4		G3/4		
					R1		G1		
Y-shape	**Y-fitting – Female thread**								
		NPFB-Y	–	G1/8	–	–	–	–	20
				G1/4					
				G3/8					
				G1/2					
	Y-fitting – Male thread/female thread/female thread								
		NPFB-Y	–	–	R1/8	–	G1/8	–	21
					R1/4		G1/4		
					R3/8		G3/8		
					R1/2		G1/2		
X-shape	**X-fitting – Female thread**								
		NPFB-X	–	G1/8	–	–	–	–	21
				G1/4					
				G3/8					
				G1/2					
	X-fitting – Male thread/female thread/female thread/female thread								
		NPFB-X	–	G1/8	–	–	–	R1/8	22
				G1/4				R1/4	
				G3/8				R3/8	
				G1/2				R1/2	

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

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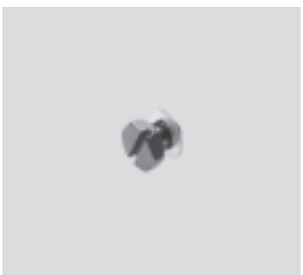
Threaded fittings

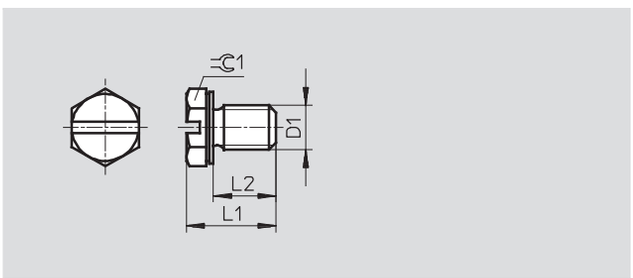
Technical data

Blanking plug B-M3-S9
with sealing ring

Material:
High-alloy stainless steel

Note on materials:
Free of copper and PTFE



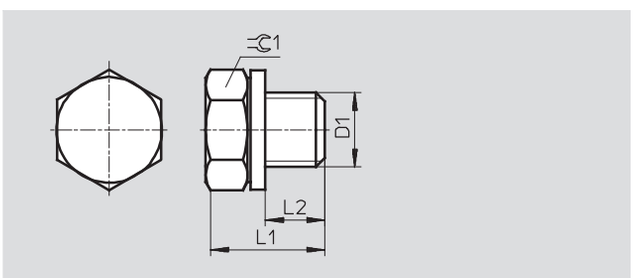


Blanking plug B-M5
with sealing ring

Material:
Aluminium

Note on materials:
Free of copper and PTFE



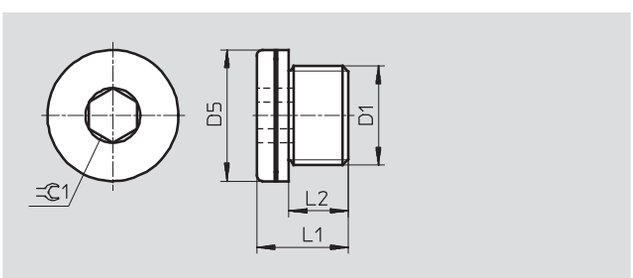


Blanking plug B
with sealing ring

Material:
Steel

Note on materials:
Free of copper and PTFE





Dimensions and ordering data

Connection D1	D5 ∅	L1	L2	⫃1	Weight/piece [g]	Part No.	Type	PU[1]
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								
G⅛	14	11	6.4	5	5	**3568**	**B-⅛[3]**	**10**
						534213	**B-⅛-100[3]**	**100**
G¼	18	15	9.8	6	15	**3569**	**B-¼[3]**	**10**
						534214	**B-¼-50[3]**	**50**
G⅜	22	15	9.8	8	22	**3570**	**B-⅜[3]**	**10**
						534215	**B-⅜-20[3]**	**20**
G½	26	18	11.65	10	43	**3571**	**B-½[3]**	**10**
						534216	**B-½-20[3]**	**20**
G¾	32	20	13.05	12	73	**3572**	**B-¾[3]**	**1**
G1	39	21	14	17	153	**5763**	**B-1**	**1**

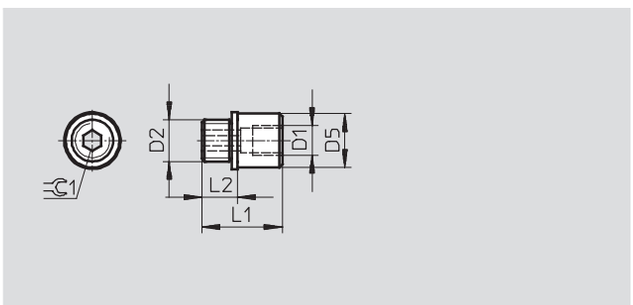
1) Packaging unit quantity
2) Corrosion and acid resistant version
3) Conforms to RoHS

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Reducing nipple D
with sealing ring

Material:
Brass





Dimensions and ordering data

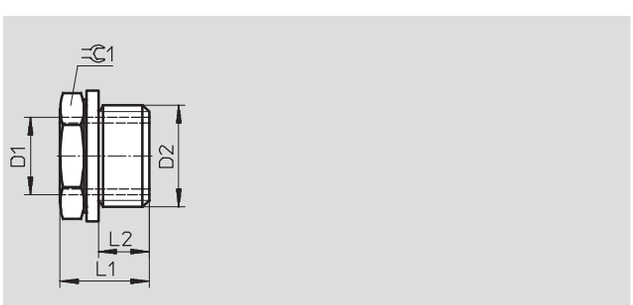
Connection		D5	L1	L2	⊂ 1	Weight/piece [g]	Part No.	Type	PU[1]
D1	D2								
M5	M7	9	13.5	6	3	43	**161359**	**D-M5I-M7A-ISK**	**10**

1) Packaging unit quantity

Reducing nipple D
with sealing ring

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





Dimensions and ordering data

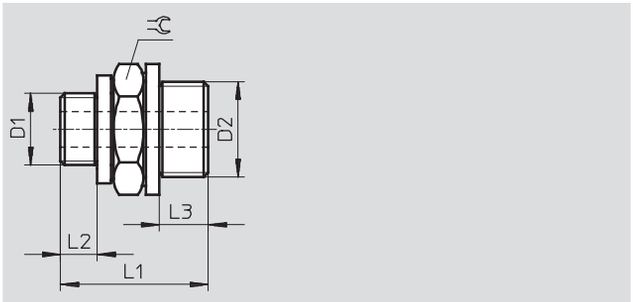
Connection		L1	L2	⊂ 1	Weight/piece [g]	Part No.	Type	PU[1]
D1	D2							
M thread								
M3	M5	6.3	3.8	7	1	**30980**	**D-M3I-M5A-S9[2]**	**10**
M5	G⅛	9.5	4.9	13	10	**3842**	**D-M5I-⅛A[3]**	**10**
6 mm deep						**534208**	**D-M5I-⅛A-100**	**100**
M5	G¼	12	5.8	17	12	**197632**	**D-M5I-¼A**	**10**
M7	G⅛	9.5	4.9	13	–	**534144**	**D-M7I-⅛A**	**10**
G⅛	G¼	12	5.8	17	8	**3577**	**D-⅛I-¼A**	**10**
						534209	**D-⅛I-¼A-100**	**100**
	G⅜	14	6.8	19	–	**534147**	**D-⅛I-⅜A**	**10**
G¼	G⅜	14	6.8	19	14	**3581**	**D-¼I-⅜A**	**10**
						534210	**D-¼I-⅜A-50**	**50**
	G½	15.5	8.15	24	36	**197633**	**D-¼I-½A**	**10**
	G¾	20.4	9.05	32	–	**534145**	**D-¼I-¾A**	**10**
G⅜	G½	15.5	8.15	24	25	**3585**	**D-⅜I-½A**	**10**
						534211	**D-⅜I-½A-20**	**20**
	G¾	20.4	9.05	32	–	**534146**	**D-⅜I-¾A**	**10**
G½	G¾	20.4	14	32	45	**3588**	**D-½I-¾A**	**1**
	G1	21	13	36	110	**197634**	**D-½I-1A**	**1**
G¾	G1	21	13	36	55	**9168**	**D-¾I-1A**	**1**

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

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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**
	G⅛	2.5	15.3	3.8	4.9	13	1	**4138**	**E-M5-⅛**[3)]	**10**
								534204	**E-M5-⅛-100**[3)]	**100**
G thread – Aluminium										
G⅛	G⅛	4.5	17	4.9	4.9	13	1	**3573**	**E-⅛-⅛**[3)]	**10**
	G¼	4.5	19.5	4.9	5.8	17	1	**3574**	**E-⅛-¼**[3)]	**10**
								534205	**E-⅛-¼-100**[3)]	**100**
G¼	G¼	6.5	21	5.8	5.8	17	1	**3575**	**E-¼-¼**[3)]	**10**
	G⅜	6.5	22	5.8	6.8	19	10	**3576**	**E-¼-⅜**[3)]	**10**
								534206	**E-¼-⅜-50**[3)]	**50**
G⅜	G⅜	9.0	23	6.8	6.8	19	10	**3578**	**E-⅜-⅜**[3)]	**10**
	G½	9.0	26.5	6.8	8.15	24	20	**3579**	**E-⅜-½**[3)]	**1**
								534207	**E-⅜-½-20**[3)]	**20**
G½	G½	13.0	28	8.15	8.15	24	20	**3580**	**E-½-½**[3)]	**1**
	G¾	13.0	30.5	8.5	9.05	32	35	**3582**	**E-½-¾**[3)]	**1**
G¾	G¾	18.0	32	9.5	9.05	32	30	**3584**	**E-¾-¾**[3)]	**1**
M thread – Brass										
M7	G⅛	4.5	17.7	5.3	4.9	13		**534148**	**E-M7-⅛-MS**	**10**
G thread – Brass										
G⅛	G⅛	4.5	17	4.9	4.9	13	10	**15621**	**E-⅛-⅛-MS**	**10**
	G¼	4.5	19.5	4.9	5.8	17	20	**15622**	**E-⅛-¼-MS**	**10**
	G⅜	5.3	20.4	4.9	6.8	19	25	**534150**	**E-⅛-⅜-MS**	**10**
G¼	G¼	6.5	21	5.8	5.8	17	20	**15623**	**E-¼-¼-MS**	**10**
	G⅜	6.5	22	5.8	6.8	19	30	**15624**	**E-¼-⅜-MS**	**10**
	G½	8	25.5	5.8	8.15	24	30	**534149**	**E-¼-½-MS**	**10**
G⅜	G⅜	9	23	6.8	6.8	19	30	**15625**	**E-⅜-⅜-MS**	**10**
	G½	9	26.5	6.8	8.15	24	53	**15626**	**E-⅜-½-MS**	**1**
G½	G½	13	28	8.15	8.15	24	52	**15627**	**E-½-½-MS**	**1**
	G¾	13	30.5	8.15	9.05	32	100	**15628**	**E-½-¾-MS**	**1**
G¾	G¾	18	32	9.05	9.05	32	100	**15629**	**E-¾-¾-MS**	**1**

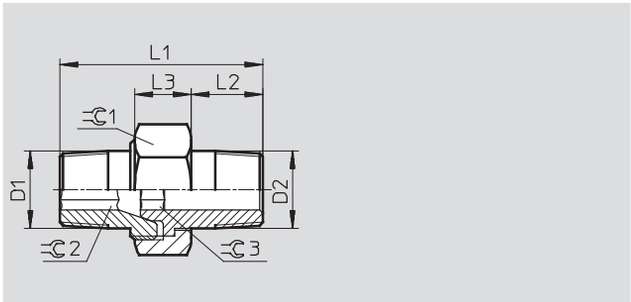
1) Packaging unit quantity
2) Corrosion and acid resistant version
3) Free of copper and PTFE

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Double nipple ESK
adjustable for angular compensation

Material:
Brass





Dimensions and ordering data

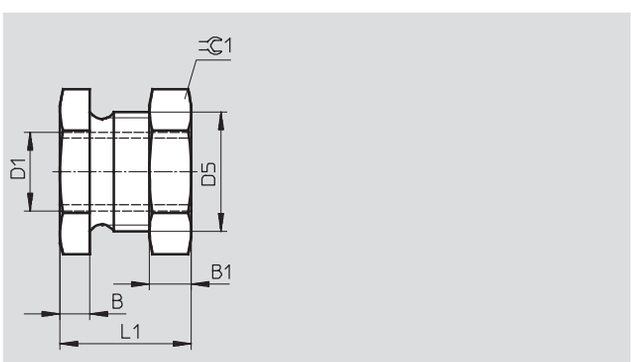
Connection		L1	L2	L3	⌀1	⌀2	⌀3	Part No.	Type	PU[1]
D1	D2									
R⅛	R⅛	27	9	8.5	15	5	5	**151520**	**ESK-⅛-⅛**	**1**
	R¼	30.6	12	9.5	19	5	6	**534151**	**ESK-⅛-¼**	**1**
	R⅜	34.5	13	10	22	5	8	**534155**	**ESK-⅛-⅜**	**1**
R¼	R¼	34	12	9.5	19	6	6	**151521**	**ESK-¼-¼**	**1**
	R⅜	36	13	10	22	6	8	**534152**	**ESK-¼-⅜**	**1**
	R½	40.5	16	12	27	6	12	**534153**	**ESK-¼-½**	**1**
R⅜	R⅜	36	13	10	22	8	8	**151522**	**ESK-⅜-⅜**	**1**
	R½	44	16	12	27	8	12	**534154**	**ESK-⅜-½**	**1**
R½	R½	44	16	12	27	12	12	**151523**	**ESK-½-½**	**1**

1) Packaging unit quantity

Female bulkhead connector SCM

Material:
Blue anodised aluminium





Dimensions and ordering data

Connection D1	D5	B	B1	L1	⌀1	Weight/piece [g]	Part No.	Type	PU[1]
M5	M10x1	4	3.5	15.5	13	5	**9969**	**SCM-M5**	**1**
G⅛	M14x1.5	5	5	20	17	10	**9970**	**SCM-⅛**	**1**
G¼	M20x1.5	5	7	22	24	28	**9971**	**SCM-¼**	**1**
G⅜	M24x1.5	8	8.5	26.5	27	34	**9972**	**SCM-⅜**	**1**
G½	M30x1.5	8	10.5	28.5	36	78	**9973**	**SCM-½**	**1**

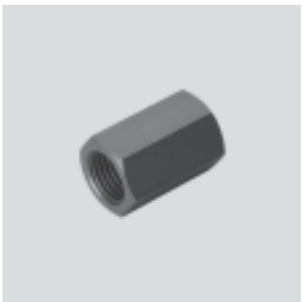
1) Packaging unit quantity

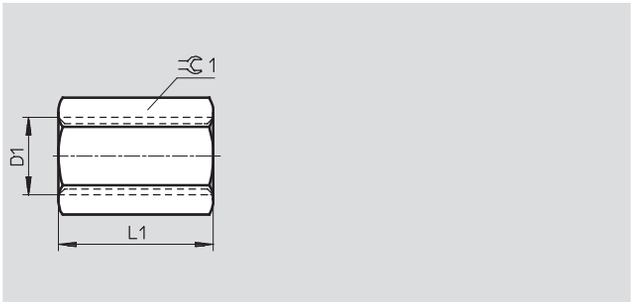
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Pipe coupling sleeve QM

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

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





Dimensions and ordering data

Connection D1	L1	⌀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**

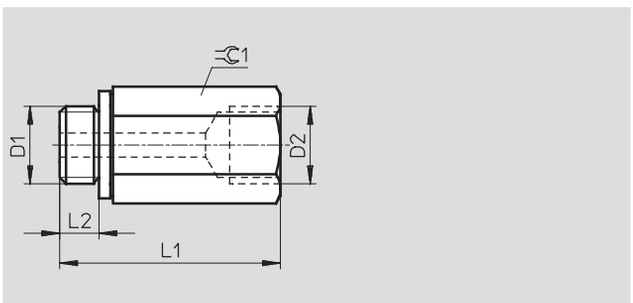
1) Packaging unit quantity

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	⌀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**
G1/8	G1/8	25.6	4.9	13	7	**36170**	**QM-1/8-A/I**	**10**
G1/4	G1/4	36	5.8	17	15	**36171**	**QM-1/4-A/I**	**10**
G3/8	G3/8	37.8	6.8	19	16	**36172**	**QM-3/8-A/I**	**10**
G1/2	G1/2	49	8.15	24	36	**187387**	**QM-1/2-A/I**	**1**

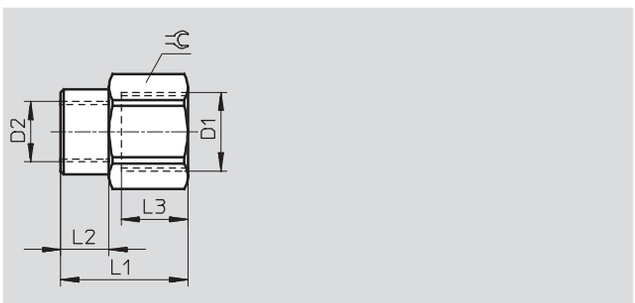
1) Packaging unit quantity

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Reducing sleeve QMR

Material:
Nickel plated brass





Dimensions and ordering data										
Connection D1	Nominal size [mm]	Connection D2	L1	L2	L3	⫧	Weight/piece [g]	Part No.	Type	PU[1]
M thread										
G1/8	2.6	M5	17	7	7	14	12	**153281**	**QMR-1/8-M5-B**	**10**
G thread										
G1/4	5.3	G1/8	21	8	9	17	22	**153282**	**QMR-1/4-1/8-B**	**10**
G3/8	6.9	G1/4	25	11	11	21	34	**153283**	**QMR-3/8-1/4-B**	**10**
G1/2	10.7	G3/8	33	14	14	24	55	**153284**	**QMR-1/2-3/8-B**	**1**

1) Packaging unit quantity

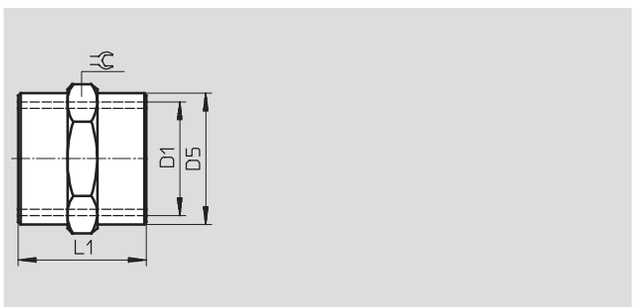
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Sleeve NPFB-S
Operating pressure:
–0.95 ... +40 bar
Ambient temperature:
–20 ... +150 °C
Operating medium:
Compressed air in accordance with
ISO 8573-1:2010 [7:–:–]

Material:
Nickel-plated brass

Note on material:
Conforms to RoHS





Dimensions and ordering data

Connection D1	D5 ∅	L1	⌀	Weight/piece [g]	Part No.	Type	PU[1]
M thread							
M5	7.5	11	8	3	**547809**	**NPFB-S-2M5-F**	**10**
G thread							
G1/8	13.8	15	14	11	**547810**	**NPFB-S-2G18-F**	**10**
G1/4	16.8	22	17	20	**547811**	**NPFB-S-2G14-F**	**10**
G3/8	21.8	24	22	38	**547812**	**NPFB-S-2G38-F**	**10**
G1/2	25.5	30	26	55	**547813**	**NPFB-S-2G12-F**	**10**
G3/4	31.5	32	32	91	**547814**	**NPFB-S-2G34-F**	**10**

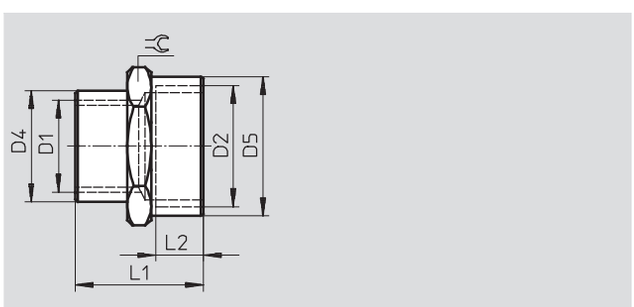
1) Packaging unit quantity

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	Part No.	Type	PU[1]
D1	D2	∅	∅				[g]			
G1/8	G3/8	13.8	21.8	20	10	22	30	**547815**	**NPFB-R-G38-G18-F**	**10**
G1/2	G3/4	25.5	31.5	30	13	32	83	**547816**	**NPFB-R-G34-G12-F**	**10**

1) Packaging unit quantity

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Threaded fittings NPFB

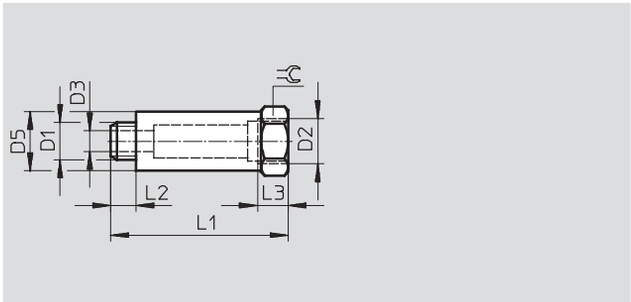
Technical data

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	Part No.	Type	PU[1]
D1	D2	∅	∅					[g]			
E1											
G⅛	G⅛	5	13.5	22	6	6.5	14	17	**547822**	**NPFB-E1-2G18-FM**	**10**
G¼	G¼	7	16.5	28	8	10	17	28	**547823**	**NPFB-E1-2G14-FM**	**10**
G⅜	G⅜	11	21.8	32	9	10	22	40	**547824**	**NPFB-E1-2G38-FM**	**10**
G½	G½	14	25.5	35	10	11	26	55	**547825**	**NPFB-E1-2G12-FM**	**10**
E2											
G⅛	G⅛	5	13.5	32	6	6.5	14	25	**547826**	**NPFB-E2-2G18-FM**	**10**
G¼	G¼	7	16.5	35	8	10	17	35	**547827**	**NPFB-E2-2G14-FM**	**10**
E3											
G⅛	G⅛	5	13.5	42	6	6.5	14	32	**547828**	**NPFB-E3-2G18-FM**	**10**
G¼	G¼	7	16.5	51	8	10	17	51	**547829**	**NPFB-E3-2G14-FM**	**10**
E4											
G⅛	G⅛	5	13.5	51	6	6.5	14	40	**547830**	**NPFB-E4-2G18-FM**	**10**

1) Packaging unit quantity

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Threaded fittings NPFB

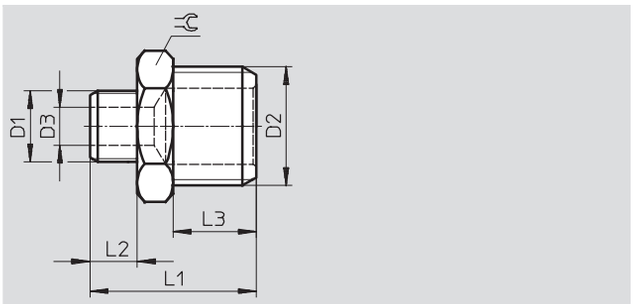
Technical data

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:–:–]

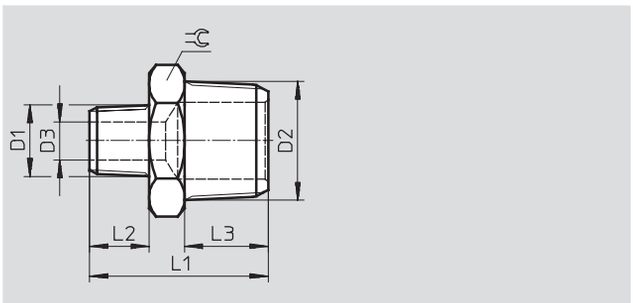
Material:
Nickel-plated brass

Note on material:
Conforms to RoHS


G thread




R thread



Dimensions and ordering data

Connection		D3	L1	L2	L3	⌀	Weight/piece	Part No.	Type	PU[1]
D1	D2	∅					[g]			
M thread										
M5	M5	2	11.5	4	4	8	3	**550036**	**NPFB-D-2M5-M**	**10**
M7	G⅛	4	14.5	4	6	14	7	**547799**	**NPFB-D-M7-G18-M**	**10**
G thread										
G⅛	G⅛	5.5	16.5	6	6	14	10	**547800**	**NPFB-D-2G18-M**	**10**
	G¼	5.5	19	6	8	17	16	**547801**	**NPFB-D-G18-G14-M**	**10**
	G⅜	5.5	20	6	9	19	21	**547802**	**NPFB-D-G18-G38-M**	**10**
G¼	G¼	8	21	8	8	17	17	**547803**	**NPFB-D-2G14-M**	**10**
	G⅜	8	22	8	9	19	23	**547804**	**NPFB-D-G14-G38-M**	**10**
	G½	8	23.5	8	10	24	36	**547805**	**NPFB-D-G14-G12-M**	**10**
G⅜	G⅜	11	23	9	9	19	24	**547806**	**NPFB-D-2G38-M**	**10**
	G½	11	24.5	9	10	24	37	**547807**	**NPFB-D-G38-G12-M**	**10**
G½	G½	14	25.5	10	10	24	38	**547808**	**NPFB-D-2G12-M**	**10**
R thread										
R⅛	R⅛	5	20	8	8	12	11	**547787**	**NPFB-D-2R18-M**	**10**
	R¼	5	24	8	11	14	17	**547788**	**NPFB-D-R18-R14-M**	**10**
	R⅜	5.5	24.5	8	11.5	17	23	**547789**	**NPFB-D-R18-R38-M**	**10**
R¼	R¼	8	27	11	11	14	21	**547790**	**NPFB-D-2R14-M**	**10**
	R⅜	8	27.5	11	11.5	17	27	**547791**	**NPFB-D-R14-R38-M**	**10**
	R½	8	30.5	11	14	22	44	**547792**	**NPFB-D-R14-R12-M**	**10**
R⅜	R⅜	11	28	11.5	11.5	17	30	**547793**	**NPFB-D-2R38-M**	**10**
	R½	11	31	11.5	14	22	47	**547794**	**NPFB-D-R38-R12-M**	**10**
R½	R½	14	33.5	14	14	22	56	**547795**	**NPFB-D-2R12-M**	**10**
	R¾	14	37.5	14	16.5	27	84	**547796**	**NPFB-D-R12-R34-M**	**10**
R¾	R¾	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

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Threaded fittings NPFB

Technical data

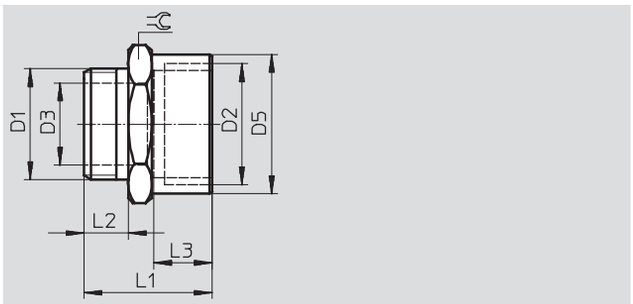
FESTO

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	Part No.	Type	PU[1]
D1	D2	∅	∅					[g]			
M5	G1/8	2	13.8	15.5	4	6.5	14	11	**547817**	**NPFB-R-G18-M5-FM**	**10**
G1/8	G1/4	5.5	16.8	20.5	6	8	17	19	**547818**	**NPFB-R-G14-G18-FM**	**10**
	G3/8	5.5	21.8	23	6	10	22	35	**547819**	**NPFB-R-G38-G18-FM**	**10**
G1/4	G3/8	8	21.8	24	8	10	22	35	**547820**	**NPFB-R-G38-G14-FM**	**10**
G3/8	G1/2	11	25.5	29.5	9	11	26	51	**547821**	**NPFB-R-G12-G38-FM**	**10**

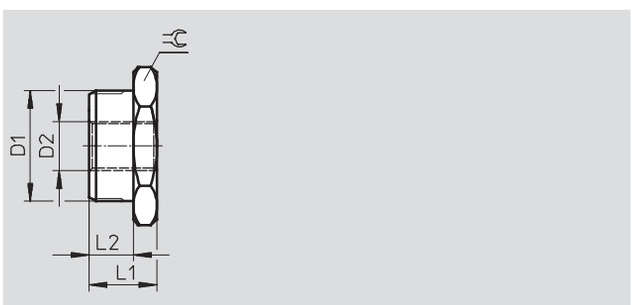
1) Packaging unit quantity

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	Part No.	Type	PU[1]
D1	D2				[g]			
G1/8	M5	10.5	6	14	8	**547831**	**NPFB-R-G18-M5-MF**	**10**
G1/4	G1/8	13	8	17	13	**547832**	**NPFB-R-G14-G18-MF**	**10**
G3/8	G1/8	14	9	19	22	**547833**	**NPFB-R-G38-G18-MF**	**10**
	G1/4	14	9	19	16	**547834**	**NPFB-R-G38-G14-MF**	**10**
G1/2	G1/4	15.5	10	24	35	**547835**	**NPFB-R-G12-G14-MF**	**10**
	G3/8	15.5	10	24	28	**547836**	**NPFB-R-G12-G38-MF**	**10**
G3/4	G1/2	17.5	11	30	51	**575668**	**NPFB-R-G34-G12-MF**	**10**

1) Packaging unit quantity

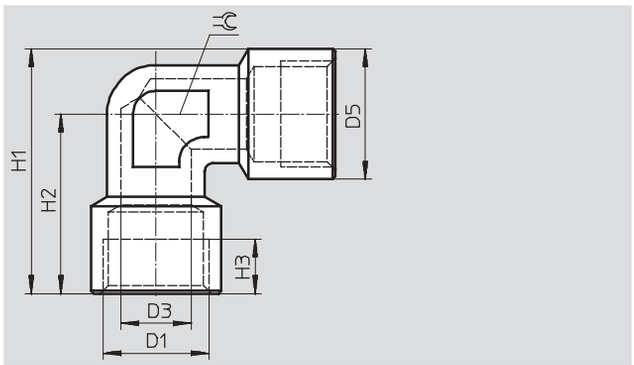
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Elbow fitting NPFB-L
Operating pressure:
–0.95 ... +40 bar
Ambient temperature:
–20 ... +150 °C
Operating medium:
Compressed air in accordance with
ISO 8573-1:2010 [7:–:–]

Material:
Nickel-plated brass

Note on material:
Conforms to RoHS





Dimensions and ordering data

Connection D1	D3 ∅	D5 ∅	H1	H2	H3	⌀	Weight/piece [g]	Part No.	Type	PU[1]
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**

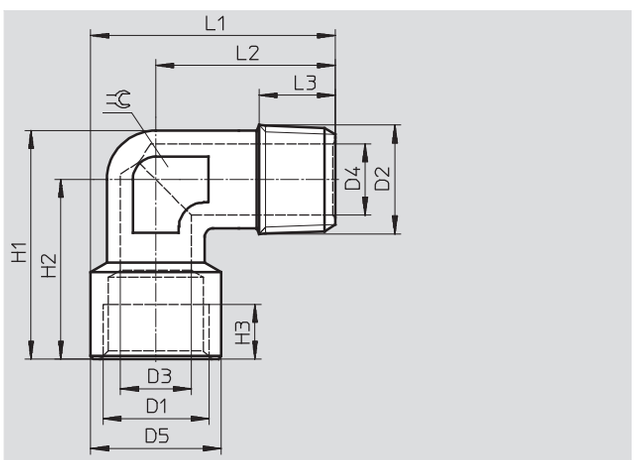
1) Packaging unit quantity

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 D1	Connection D2	D3 ∅	D4 ∅	D5 ∅	L1	L2	L3	H1	H2	H3	⌀	Weight/piece [g]	Part No.	Type	PU[1]
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

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Threaded fittings NPFB

Technical data

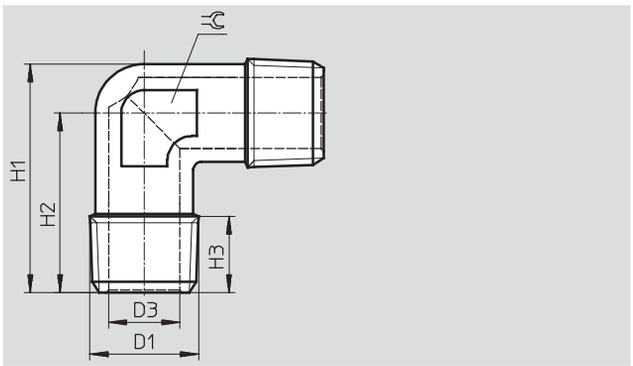
Elbow fitting NPFB-L

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**
R⅛	5.5	24	19	8	10	14	**547730**	**NPFB-L-2R18-M**	**10**
R¼	8	30.5	24	12.5	13	29	**547731**	**NPFB-L-2R14-M**	**10**
R⅜	11	34.8	26.5	13.6	17	45	**547732**	**NPFB-L-2R38-M**	**10**
R½	14	42	31.5	15.5	20	83	**547733**	**NPFB-L-2R12-M**	**10**
R¾	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

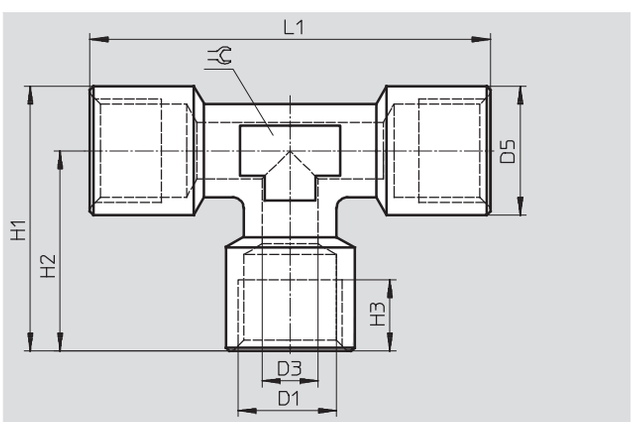
T-fitting NPFB-T

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**
G⅛	6	13	40	26.5	20	7	10	27	**547745**	**NPFB-T-3G18-F**	**10**
G¼	9	16	51	33.5	25.5	8	13	44	**547746**	**NPFB-T-3G14-F**	**10**
G⅜	10	21	58	39.5	29	10	17	85	**547747**	**NPFB-T-3G38-F**	**10**
G½	15	26.2	70	48.1	35	11	20	151	**547748**	**NPFB-T-3G12-F**	**10**
G¾	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

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Threaded fittings NPFB

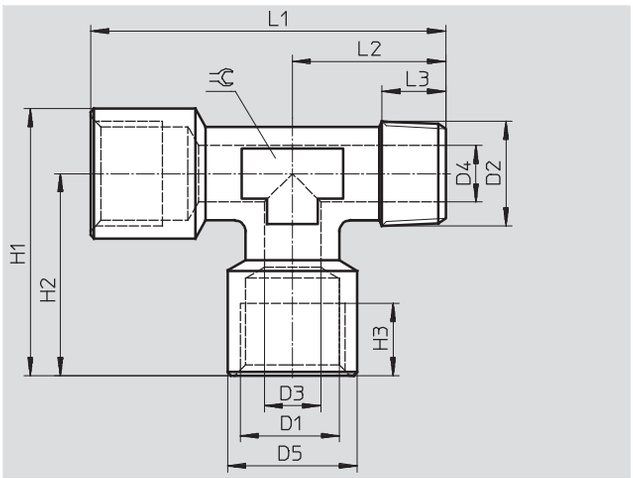
Technical data

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	Part No.	Type	PU[1]
D1	D2	∅	∅	∅								[g]			
M5	M5	4.2	2	8.5	22.5	12	4	15.25	11	5	9	8	**547758**	**NPFB-T-3M5-FMF**	**10**
G1/8	R1/8	6	5.5	13	39	19	8	26.5	20	7	10	26	**547759**	**NPFB-T-2G18-R18-FMF**	**10**
G1/4	R1/4	9	8	16	49.5	24	11	33.5	25.5	8	13	46	**547760**	**NPFB-T-2G14-R14-FMF**	**10**
G3/8	R3/8	10	11	20.5	55.5	26.5	13.6	39.25	29	10	17	82	**547761**	**NPFB-T-2G38-R38-FMF**	**10**
G1/2	R1/2	15	15	25.5	66.5	31.5	15.5	47.75	35	11	20	133	**547762**	**NPFB-T-2G12-R12-FMF**	**10**
G3/4	R3/4	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**

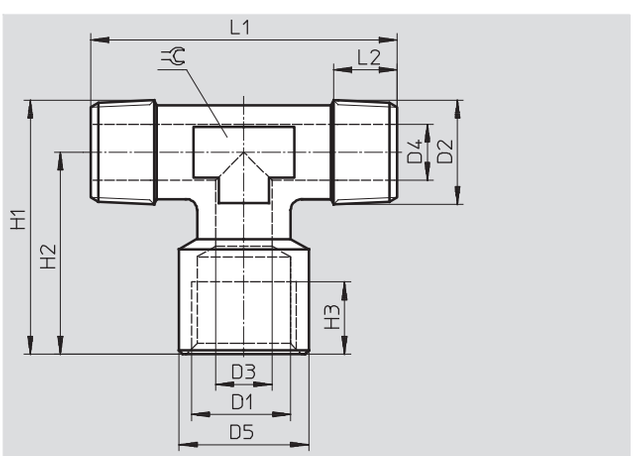
1) Packaging unit quantity

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	Part No.	Type	PU[1]
D1	D2	∅	∅	∅							[g]			
G1/8	R1/8	5.5	6	13	38	8	24.9	20	7	10	23	**547771**	**NPFB-T-G18-2R18-FMM**	**10**
G1/4	R1/4	8	9	16	48	12.5	32	25.5	8	13	43	**547772**	**NPFB-T-G14-2R14-FMM**	**10**
G3/8	R3/8	11	10	20.5	53	13.6	37.5	29	10	17	72	**547773**	**NPFB-T-G38-2R38-FMM**	**10**
G1/2	R1/2	15	15	25.5	63	15.5	45.7	35	11	20	118	**547774**	**NPFB-T-G12-2R12-FMM**	**10**

1) Packaging unit quantity

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Threaded fittings NPFB

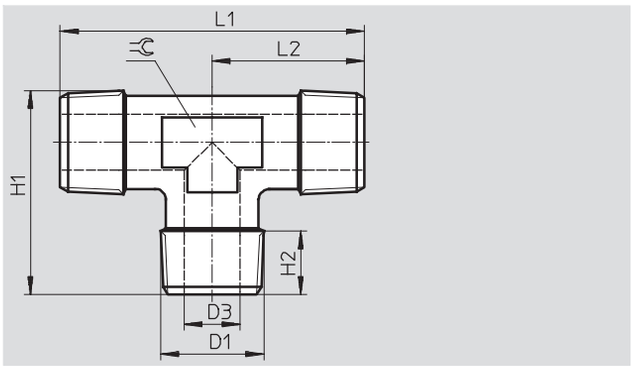
Technical data

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 D1	D3 ∅	L1	L2	H1	H2	⌀	Weight/piece [g]	Part No.	Type	PU[1]
R⅛	5.5	38	19	23.9	8	10	20	**547765**	**NPFB-T-3R18-M**	**10**
R¼	8	48	24	30.6	12.5	13	41	**547766**	**NPFB-T-3R14-M**	**10**
R⅜	11	53	26.5	34.8	13.6	17	62	**547767**	**NPFB-T-3R38-M**	**10**
R½	15	63	31.5	42.2	15.5	20	101	**547768**	**NPFB-T-3R12-M**	**10**
R¾	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**

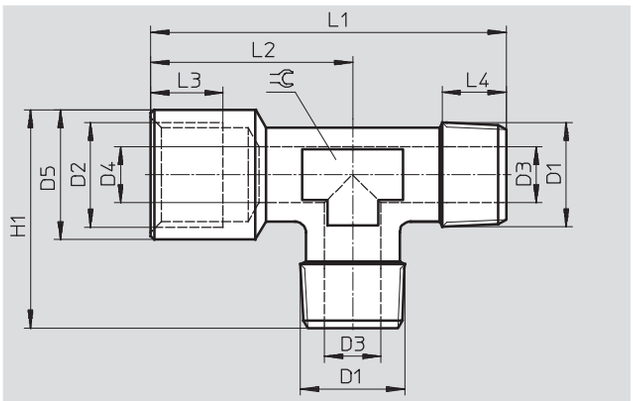
1) Packaging unit quantity

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	Part No.	Type	PU[1]
D1	D2	∅	∅	∅							[g]			
R⅛	G⅛	6	5.5	13	39	20	7	8	25.5	10	24	**547775**	**NPFB-T-2R18-G18-MMF**	**10**
R¼	G¼	9	8	16	49.5	25.5	8	12.5	32	13	43	**547776**	**NPFB-T-2R14-G14-MMF**	**10**
R⅜	G⅜	10	11	20.5	55.5	29	10	13.6	36.75	17	72	**547777**	**NPFB-T-2R38-G38-MMF**	**10**
R½	G½	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

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Threaded fittings NPFB

Technical data

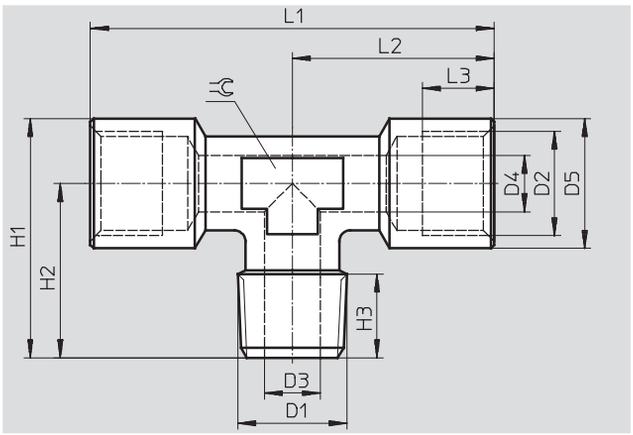
T-fitting NPFB-T

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	Part No.	Type	PU[1]
D1	D2	∅	∅	∅								[g]			
M5	M5	2	4.2	8.5	22	11	5	15.75	11.5	4	9	8	**547751**	**NPFB-T-3M5-MFF**	**10**
R⅛	G⅛	5.5	6	13	40	20	7	25.5	19	8	10	26	**547752**	**NPFB-T-R18-2G18-MFF**	**10**
R¼	G¼	8	9	16	51	25.5	8	32	24	12.5	13	46	**547753**	**NPFB-T-R14-2G14-MFF**	**10**
R⅜	G⅜	11	10	20.5	58	29	10	36.75	26.5	13.6	17	83	**547754**	**NPFB-T-R38-2G38-MFF**	**10**
R½	G½	15	15	25.5	70	35	11	44.25	31.5	15.5	20	130	**547755**	**NPFB-T-R12-2G12-MFF**	**10**
R¾	G¾	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

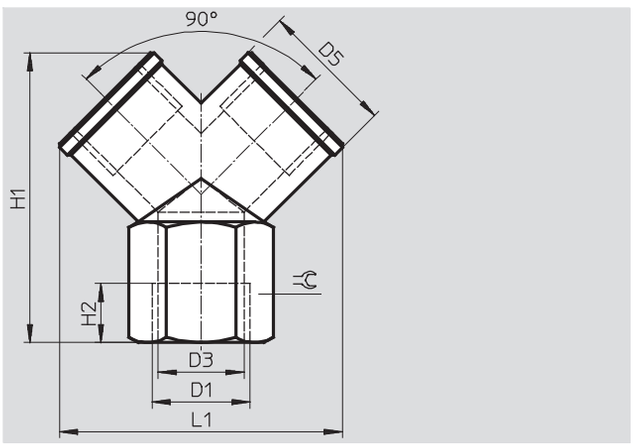
Y-fitting NPFB-Y

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	Part No.	Type	PU[1]
D1	∅	∅					[g]			
G⅛	8.7	13	29	26.5	8	13	18	**547736**	**NPFB-Y-3G18-F**	**10**
G¼	11.6	17	36	32	11	17	32	**547737**	**NPFB-Y-3G14-F**	**10**
G⅜	15	21	41	37	11.5	20	44	**547738**	**NPFB-Y-3G38-F**	**10**
G½	19	26	52.5	45	14	25	92	**547739**	**NPFB-Y-3G12-F**	**10**

1) Packaging unit quantity

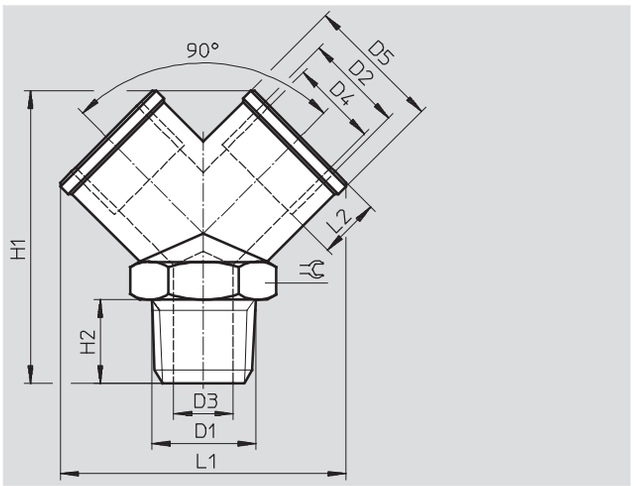
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Y-fitting NPFB-Y
Operating pressure:
–0.95 ... +40 bar
Ambient temperature:
–20 ... +150 °C
Operating medium:
Compressed air in accordance with
ISO 8573-1:2010 [7:–:–]

Material:
Nickel-plated brass

Note on material:
Conforms to RoHS





Dimensions and ordering data

Connection D1	Connection D2	D3 ∅	D4 ∅	D5 ∅	L1	L2	H1	H2	⌀	Weight/piece [g]	Part No.	Type	PU[1]
R⅛	G⅛	5.5	8.7	13	29	8	32	8	13	22	**547740**	**NPFB-Y-R18-2G18-MFF**	**10**
R¼	G¼	8	11.6	17	36	11	38	11	17	38	**547741**	**NPFB-Y-R14-2G14-MFF**	**10**
R⅜	G⅜	11	15	21	41	11.5	42.5	11.5	20	52	**547742**	**NPFB-Y-R38-2G38-MFF**	**10**
R½	G½	15	19	26	52.5	14	53	14	25	110	**547743**	**NPFB-Y-R12-2G12-MFF**	**10**

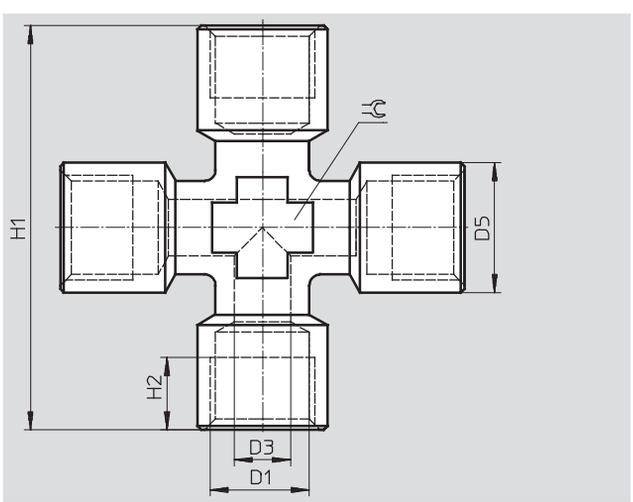
1) Packaging unit quantity

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 D1	D3 ∅	D5 ∅	H1	H2	⌀	Weight/piece [g]	Part No.	Type	PU[1]
G⅛	6	13	46	7	13	60	**547779**	**NPFB-X-4G18-F**	**10**
G¼	9	17	51	8	13	73	**547780**	**NPFB-X-4G14-F**	**10**
G⅜	10	20.5	58	10	17	118	**547781**	**NPFB-X-4G38-F**	**10**
G½	15	26.2	67	14	21	186	**547782**	**NPFB-X-4G12-F**	**10**

1) Packaging unit quantity

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Threaded fittings NPFB

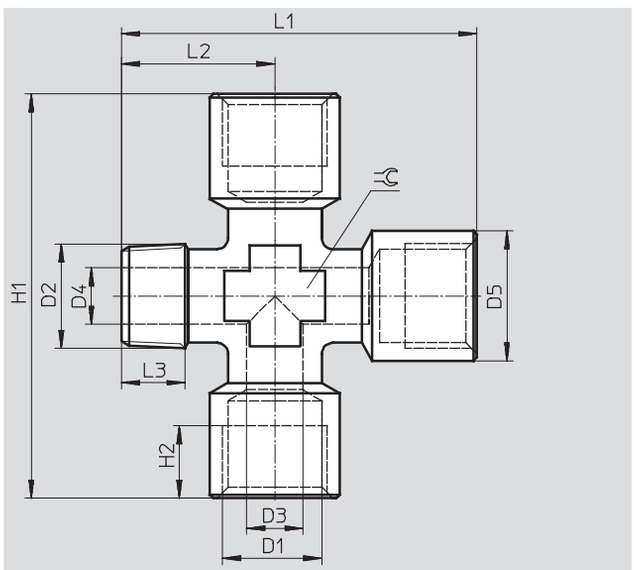
Technical data

X-fitting NPFB-X
Operating pressure:
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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	Part No.	Type	PU[1]
D1	D2	∅	∅	∅							[g]			
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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Product Range and Company Overview

A Complete Suite of Automation Services

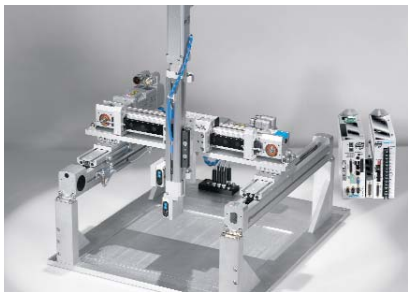
Our experienced engineers provide complete support at every stage of your development process, including: conceptualization, analysis, engineering, design, assembly, documentation, validation, and production.



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Comprehensive engineering support and on-site services



Complete Systems
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With a comprehensive line of more than 30,000 automation components, Festo is capable of solving the most complex automation requirements.



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Festo is a leading global manufacturer of pneumatic and electromechanical systems, components and controls for industrial automation, with more than 12,000 employees in 56 national headquarters serving more than 180 countries. For more than 80 years, Festo has continuously elevated the state of manufacturing with innovations and optimized motion control solutions that deliver higher performing, more profitable automated manufacturing and processing equipment. Our dedication to the advancement of automation extends beyond technology to the education and development of current and future automation and robotics designers with simulation tools, teaching programs, and on-site services.

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