

**Threaded fittings NPFC**




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Technical data

Operating and environmental conditions	
Operating pressure [bar]	-0.95 ... 50
Operating medium	Compressed air to ISO 8573-1:2010 [-:-:-]
	Gases on request
	Liquids on request
Ambient temperature [°C]	-20 ... +150
Corrosion resistance class CRC <sup>1)</sup>	1

1) Corrosion resistance class CRC 1 to Festo standard FN 940070  
 Low corrosion stress. For dry indoor applications or transport and storage protection. Also applies to parts behind covers, in the non-visible interior area, and parts which are covered in the application (e.g. drive trunnions).







Materials	
Threaded fitting	Nickel-plated brass
Note on materials	RoHS-compliant

 - Note

<p>When using R threaded studs, we recommend sealing using thread sealing tape GWB-0,1 (part no. 9076).</p>	<p>When using M and G threaded studs, an additional axial sealing ring is required (preferably soft aluminium Al 99.5).</p>
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Product range overview

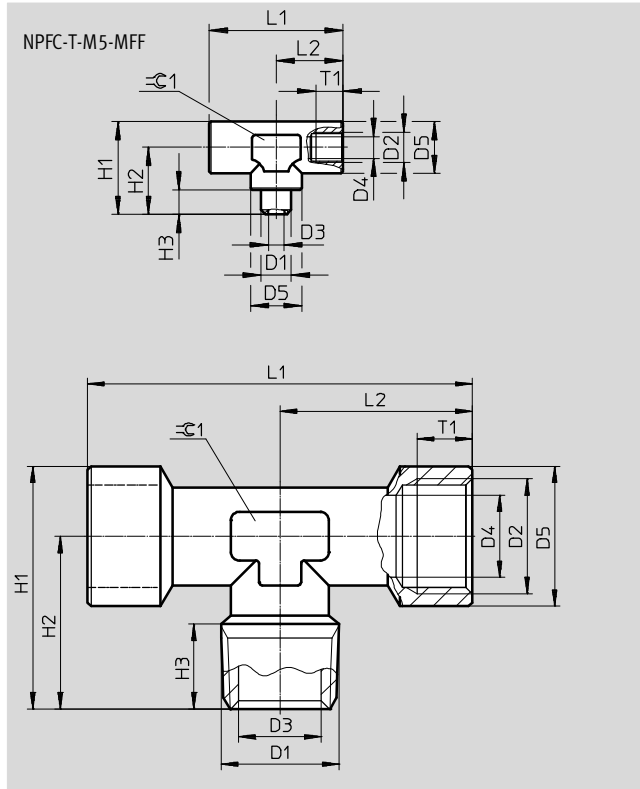
Design	Version	Type	Connection D1			Connection D2			→ Page/ Internet
			M thread	G thread	R thread	M thread	G thread	R thread	
Straight design	<b>Bulkhead fitting</b>								
		NPFC-B	M5	–	–	–	–	–	11
			–	G1/8	–	–	–	–	
			–	G1/4	–	–	–	–	
			–	G3/8	–	–	–	–	
–			G1/2	–	–	–	–		
L-shape	<b>Elbow fitting – internal thread</b>								
		NPFC-L	M5	–	–	–	–	–	12
			–	G1/8	–	–	–	–	
			–	G1/4	–	–	–	–	
			–	G3/8	–	–	–	–	
			–	G1/2	–	–	–	–	
			–	G3/4	–	–	–	–	
			–	G1	–	–	–	–	
	<b>Elbow fitting – external thread/internal thread</b>								
		NPFC-L	M5	–	–	M5	–	–	12
			–	G1/8	–	–	R1/8	–	
			–	G1/4	–	–	R1/4	–	
			–	G3/8	–	–	R3/8	–	
			–	G1/2	–	–	R1/2	–	
			–	G3/4	–	–	R3/4	–	
–			G1	–	–	R1	–		
<b>Elbow fitting – external thread</b>									
	NPFC-L	M5	–	–	–	–	–	13	
		–	–	–	R1/8	–	–		
		–	–	–	R1/4	–	–		
		–	–	–	R3/8	–	–		
		–	–	–	R1/2	–	–		
		–	–	–	R3/4	–	–		
T-shape	<b>T-fitting – internal thread</b>								
		NPFC-T	–	G1/8	–	–	–	–	13
			–	G1/4	–	–	–	–	
			–	G3/8	–	–	–	–	
			–	G1/2	–	–	–	–	
			–	G3/4	–	–	–	–	
			–	G1	–	–	–	–	
	<b>T-fitting – internal thread/external thread/internal thread</b>								
		NPFC-T	M5	–	–	M5	–	–	14
			–	G1/8	–	–	R1/8	–	
			–	G1/4	–	–	R1/4	–	
–			G3/8	–	–	R3/8	–		
–			G1/2	–	–	R1/2	–		
–			G3/4	–	–	R3/4	–		
–	G1	–	–	R1	–				

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Technical data

## T-fitting NPFC-T

External thread/internal thread/  
internal thread



Dimensions and ordering data															
Connection		D3	D4	D5	H1	H2	H3	L1	L2	T1	≈C1	Weight/piece	Part no.	Type	PU <sup>1)</sup>
D1	D2	∅	∅	∅								[g]			
M5	M5	2.5	3	8.5	15.3	11	4	22	11	4.5	9	10.6	<b>8069244</b>	<b>NPFC-T-M5-MFF</b>	<b>10</b>
R <sup>1</sup> / <sub>8</sub>	G <sup>1</sup> / <sub>8</sub>	5.5	6	13	24	17.5	8	39	19.5	7.4	12	26.3	<b>8030241</b>	<b>NPFC-T-R18-2G18-MFF</b>	<b>10</b>
R <sup>1</sup> / <sub>4</sub>	G <sup>1</sup> / <sub>4</sub>	8	8	16.5	31.3	23	11	49	24.5	9.5	13	45	<b>8030242</b>	<b>NPFC-T-R14-2G14-MFF</b>	<b>10</b>
R <sup>3</sup> / <sub>8</sub>	G <sup>3</sup> / <sub>8</sub>	11	11	20.5	35.8	25.5	11.5	54	27	10.5	16	65.9	<b>8030243</b>	<b>NPFC-T-R38-2G38-MFF</b>	<b>10</b>
R <sup>1</sup> / <sub>2</sub>	G <sup>1</sup> / <sub>2</sub>	15	15	25.5	41.8	29	14	64	32	13	20	114.7	<b>8030244</b>	<b>NPFC-T-R12-2G12-MFF</b>	<b>10</b>

1) Packaging unit quantity