

Push-in fittings NPQP



# Push-in fittings NPQP

Features

## Application



Effortless selection of the right fitting. Quick Star offers a secure solution for every connection. The convenient push-in fitting system includes well over 1000 types of standard and function fittings.

Summary of tubing/fitting combinations			
Applications	Fitting	Tubing	Description
Standard	QS-B	PEN	Suitable for a wide range of tasks and attractively priced. Flexible thanks to highly resistant materials, easy to install thanks to optimised bending radii. High level of abrasion resistance in dynamic applications.
	QS	PUN	Maximum flexibility in standard applications thanks to an extremely wide range of options for combining the different types.
	QS	PAN	Meets all requirements, even for standard applications with increased pressure and temperature ranges.
High pressures	NPQM	PAN-MF	Meets DIN standard 73378: ideal for use in mobile pneumatics. Suitable for increased temperature ranges combined with high pressure ranges.
	NPQH	PAN-R	Powerful in pressure ranges up to 20 bar, for example in applications with the pressure booster DPA.
Resistant to chemicals, food safe and hydrolysis resistant	NPQP	PLN	Resistant to cleaning agents, FDA compliant and economical. Can be used instead of the combination with stainless steel fittings.
	NPKA	PUN-H	Hydrolysis resistant and suitable for water applications. Combination suitable for use in clean rooms, FDA compliant and corrosion resistant thanks to 100% polymer construction. Very easy to install thanks to the "one click principle".
	NPQH	PFAN	For high temperatures up to 150 °C. Suitable for use in the food industry, FDA compliant and resistant to cleaning agents.
	NPCK	PFAN	Easy to clean thanks to the union nut's edge-free design. Maximum resistance to corrosion (CRC 4) and FDA compliant. Suitable for a wide range of media.
	CRQS	PFAN	Maximum resistance to corrosion (CRC 4) and to aggressive acids and lyes.
Anti-static	NPQM	PUN-CM	Anti-static tubing plus solid metal fitting: maximum protection for electrical and electronic components.
Flame retardant	NPQM	PUN-V0	Very safe in areas where there is a risk of fire thanks to flame-retardant properties. The tubing has been tested to DIN 5510-2.
Resistant to welding spatter	NPQH	PUN-V0-C	Ideal for applications involving welding spatter. Reliable thanks to a tubing wall thickness of 2 mm for all diameters.
	QS-V0	PAN-V0	Safe even in the immediate vicinity of welding spatter thanks to the double-walled tubing with special fitting.

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## Push-in fittings product range

QSM, Quick Star, Mini

Technical data → Internet: qsm



Miniature push-in fittings for maximum component density in confined spaces. For pneumatic applications with a temperature range up to 80 °C and a pressure range up to 14 bar. Tubing O.D.∅ of 2, 3, 4 and 6 mm with connecting threads M3, M5, M6, M7, R1/8 and G1/8.

QS, Quick Star, standard

Technical data → Internet: qs



Wide selection of push-in fittings for pneumatic applications with a temperature range up to 80 °C and a pressure range up to 14 bar. Tubing O.D.∅ of 4, 6, 8, 10, 12 and 16 mm with connecting threads R1/8 ... R1/2 and G1/8 ... G1/2.

QSM-B, Quick Star, Mini

Technical data → Internet: qsm-b



Miniature push-in fittings for maximum component density in confined spaces. For core pneumatic applications with a temperature range up to 60 °C and a pressure range up to 10 bar. Tubing O.D.∅ of 3, 4 and 6 mm with connecting threads M3, M5, M7 and R1/8.

QS-B, Quick Star, standard

Technical data → Internet: qs-b



Push-in fittings for core pneumatic applications with a temperature range up to 60 °C and a pressure range up to 10 bar. Tubing O.D.∅ of 4, 6, 8, 10, 12 and 16 mm with connecting threads M5 and R1/8 ... R1/2.

CRQS, Quick Star, stainless steel

Technical data → Internet: crqs



Stainless steel push-in fitting. High corrosion resistance (CRC4) and chemical resistance with approval for use in the food and packaging industry. For pneumatic applications with a temperature range up to 120 °C and a pressure range up to 10 bar. Tubing O.D.∅ of 4, 6, 8, 10, 12 and 16 mm with connecting threads M5 and R1/8 ... R1/2.

QS-V0, Quick Star, flame-retardant








Technical data → Internet: qs-v0



Flame-retardant push-in fitting for use in all areas where there is a risk of fire, for example welding systems in the automotive industry and in the construction industry. For pneumatic applications with a temperature range up to 60 °C and a pressure range up to 10 bar. Tubing O.D.∅ of 4, 6, 8, 10 and 12 mm with connecting threads R1/8 ... R1/2 and G1/8 ... G1/2.

## Push-in fittings NPQP

Features

Push-in fittings product range	
<p>NPQH</p> 	<p>Technical data → Internet: npqh</p> <p>All metal push-in fitting made of chemically nickel-plated brass. High corrosion resistance (CRC3) and chemical resistance with approval for use in the food and packaging industry. For pneumatic applications with a temperature range up to 150 °C and a pressure range up to 20 bar.</p> <p>Tubing O.D.∅ of 4, 6, 8, 10, 12 and 14 mm with connecting threads M5, M7 and G1/8 ... G1/2.</p>
<p>NPQM</p> 	<p>Technical data → Internet: npqm</p> <p>Attractively priced metal push-in fitting for pneumatic applications with a temperature range up to 70 °C and a pressure range up to 16 bar.</p> <p>Tubing O.D.∅ of 3, 4, 6, 8, 10, 12 and 14 mm with connecting threads M5, M7 and G1/8 ... G1/2.</p>
Functional push-in fittings product range	
<p>NPQP</p> 	<p>Technical data → Internet: npqp</p> <p>Polypropylene fitting for use in applications with extreme media influences. For pneumatic applications with a temperature range up to 60 °C and a pressure range up to 10 bar.</p> <p>Tubing O.D.∅ of 4, 6, 8, 10 and 12 mm with connecting threads R1/8 ... R1/2.</p>
<p>QSK, Quick Star, self-sealing push-in fitting</p> 	<p>Technical data → Internet: qsk</p> <p>Push-in fitting that blocks the air flow after the tubing is disconnected. For pneumatic applications with a temperature range up to 60 °C and a pressure range up to 14 bar.</p> <p>Tubing O.D.∅ of 4, 6, 8, 10 and 12 mm with connecting threads M5, R1/8 ... R1/2 and G1/8 ... G1/2.</p>
<p>QSR, Quick Star, rotary push-in fitting</p> 	<p>Technical data → Internet: qsr</p> <p>Push-in fitting with swivel connection, rotatable by 360°. The ball bearing enables rotating movements in the application up to max. 500 rpm. For pneumatic applications with a temperature range up to 60 °C and a pressure range up to 14 bar.</p> <p>Tubing O.D.∅ of 4, 6, 8, 10 and 12 mm with connecting threads M5, R1/8 ... R1/2 and G1/8 ... G1/2.</p>
Quick connectors product range	
<p>NPCK</p> 	<p>Technical data → Internet: npck</p> <p>Stainless steel fitting for use in areas subject to intensive cleaning. Highest level of corrosion resistance (CRC 4). For pneumatic applications with a temperature range up to 120 °C and a pressure range up to 12 bar.</p> <p>Tubing O.D.∅ of 4, 6, 8 and 10 mm with connecting thread M5 and G1/8 ... G3/8.</p>
Click fittings product range	
<p>NPKA</p> 	<p>Technical data → Internet: npka</p> <p>Plastic fitting for easy installation with one-hand operation. Hydrolysis resistant, FDA compliant and easy to clean. For pneumatic applications with a temperature range up to 60 °C and a pressure range up to 10 bar.</p> <p>Tubing O.D. 6 mm with connecting thread G1/8.</p>

# Push-in fittings NPQP

Technical data

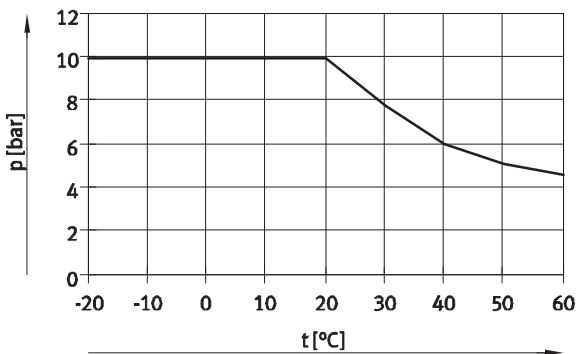
General technical data	
Size	Standard
Design	Push-pull principle


Operating and environmental conditions	
Temperature-dependent operating pressure [bar]	-0.95 ... +10
Operating medium	Compressed air in accordance with ISO 8573-1:2010 [7:--:--]
Note on operating/pilot medium	Operation with lubricated medium possible
Ambient temperature [°C]	-20 ... +60 Extended temperature range on request
Corrosion resistance class CRC <sup>1)</sup>	4

1) CRC4: Corrosion resistance class to Festo standard 940 070  
Components with very heavy corrosion exposure. Components in contact with aggressive media, e.g. in food or chemical industries. These applications must, if necessary, be verified by special tests with the media concerned.

Materials	
Housing	PP
Tube retaining claw	High-alloy stainless steel
Note on materials	RoHS-compliant Contains PWIS (paint-wetting impairment substances)

### Operating pressure p as a function of temperature t












 **Note**  
Leaks can occur with large temperature fluctuations due to the high expansion coefficient of polypropylene in combination with the R thread. To avoid this it is recommended to seal the thread with Loctite® 55 pipe sealing cord.

Loctite® is a registered trademark of the respective trademark owners in certain countries.







# Push-in fittings NPQP

Product range overview

Design	Version	Type	Connection D1			Connection D2		→ Page/ Internet
			R thread	Tubing O.D.	Push-in sleeve ∅	Tubing O.D.	Push-in sleeve ∅	
Inline	<b>Push-in fitting – Male thread with external hex</b>							
		NPQP-D	R1/8	-	-	4, 6, 8	-	8
			R1/4			4, 6, 8, 10		
			R3/8			10, 12		
			R1/2			12		
	<b>Push-in connector</b>							
		NPQP-D	-	-	-	4	-	9
			6					
			8					
			10					
			12					
		NPQP-D reducing	-	-	-	4	-	9
6								
8								
10								
12								
<b>Push-in bulkhead connector</b>								
	NPQP-H	-	-	-	4	-	10	
		6						
		8						
		10						
		12						
<b>Push-in connector with push-in sleeve</b>								
	NPQP-D-...-S	-	-	-	-	6, 8	10	
		8, 10						
		10, 12						
		12						
		-						
<b>Blanking plug</b>								
	NPQP-P	-	-	-	4	-	11	
		6						
		8						
		10						
		12						
L-shape	<b>Push-in L-fitting – Male thread with external hex</b>							
		NPQP-L	R1/8	-	-	4, 6, 8	-	12
			R1/4			4, 6, 8, 10		
			R3/8			10, 12		
			R1/2			12		
	<b>Push-in L-fitting – Male thread with external hex</b>							
		NPQP-LQ	R1/8	-	-	4, 6, 8	-	12
			R1/4			4, 6, 8, 10		
			R3/8			10, 12		
			R1/2			12		
	<b>Push-in L-connector</b>							
		NPQP-L	-	-	-	4	-	13
6								
8								
10								
12								

# Push-in fittings NPQP

Product range overview

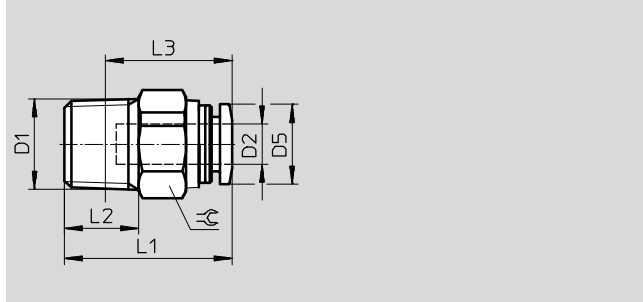
Design	Version	Type	Connection D1			Connection D2		→ Page/ Internet
			R thread	Tubing O.D.	Push-in sleeve ∅	Tubing O.D.	Push-in sleeve ∅	
T-shape	<b>Push-in T-fitting – Male thread with external hex</b>							
		NPQP-T	R1/8	–	–	4, 6, 8	–	14
			R1/4			4, 6, 8, 10		
			R3/8			10, 12		
			R1/2			12		
	<b>Push-in T-connector</b>							
		NPQP-T	–	4	–	4	–	15
				6		6		
				8		8		
				10		10		
12				12				
	NPQP-T reducing	–	6	–	4	–	15	
			8		6			
			10		8			
			12		10			
Y-shape	<b>Push-in Y-fitting – Male thread with external hex</b>							
		NPQP-Y	R1/8	–	–	4, 6, 8	–	16
			R1/4			4, 6, 8, 10		
			R3/8			10, 12		
			R1/2			12		
	<b>Push-in Y-connector</b>							
		NPQP-Y	–	4	–	4	–	17
				6		6		
				8		8		
				10		10		
12				12				
	NPQP-Y reducing	–	6	–	4	–	17	
			8		6			
			10		8			
			12		10			


## Push-in fittings NPQP

Technical data

### Push-in fitting NPQP-D

Male thread  
with external hex



Dimensions and ordering data											
Connection	Nominal size [mm]	Tubing O.D. D2	D5	L1	L2	L3		Weight/piece [g]	Part No.	Type	PU <sup>1)</sup>
R <sup>1</sup> / <sub>8</sub>	2.1	4	9.9	21.1	8	17.1	12	2.5	<b>133041</b>	<b>NPQP-D-R18-Q4-FD-P10</b>	<b>10</b>
	3.4	6	11.8	22.8	8	18.8	14	3.0	<b>133043</b>	<b>NPQP-D-R18-Q6-FD-P10</b>	<b>10</b>
	5.3	8	13.8	27.9	8	23.9	17	4.5	<b>133045</b>	<b>NPQP-D-R18-Q8-FD-P10</b>	<b>10</b>
R <sup>1</sup> / <sub>4</sub>	2.1	4	9.9	22.3	11	16.3	14	3.5	<b>133042</b>	<b>NPQP-D-R14-Q4-FD-P10</b>	<b>10</b>
	3.4	6	11.8	24.8	11	18.8	14	3.5	<b>133044</b>	<b>NPQP-D-R14-Q6-FD-P10</b>	<b>10</b>
	5.3	8	13.8	26.6	11	20.6	17	4.5	<b>133046</b>	<b>NPQP-D-R14-Q8-FD-P10</b>	<b>10</b>
	6.2	10	16.8	32.6	11	26.6	19	7.0	<b>133047</b>	<b>NPQP-D-R14-Q10-FD-P10</b>	<b>10</b>
R <sup>3</sup> / <sub>8</sub>	6.2	10	16.8	33.6	12	27.3	19	8.0	<b>133048</b>	<b>NPQP-D-R38-Q10-FD-P10</b>	<b>10</b>
	7.2	12	19.8	37.6	12	31.3	22	12.0	<b>133049</b>	<b>NPQP-D-R38-Q12-FD-P10</b>	<b>10</b>
R <sup>1</sup> / <sub>2</sub>	7.2	12	19.8	34.1	15	25.9	22	12.0	<b>133050</b>	<b>NPQP-D-R12-Q12-FD</b>	<b>1</b>

1) Packaging unit

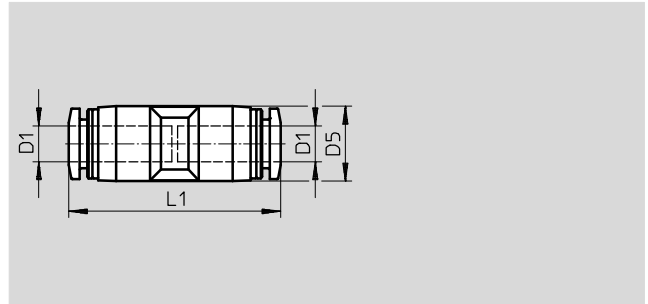


# Push-in fittings NPQP

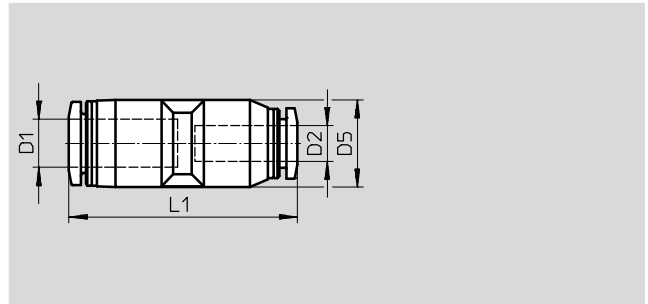
Technical data

**FESTO**

## Push-in connector NPQD-D



Reducing



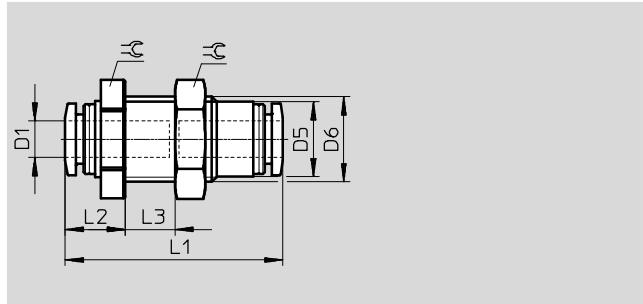
Dimensions and ordering data								
Tubing O.D. D1	Nominal size [mm]	Tubing O.D. D2	D5 Ø	L1	Weight/piece [g]	Part No.	Type	PU <sup>1)</sup>
4	2.6	–	10.0	31.0	4.0	<b>133091</b>	<b>NPQP-D-Q4-E-FD-P10</b>	<b>10</b>
6	4.0	–	12.5	35.2	5.5	<b>133092</b>	<b>NPQP-D-Q6-E-FD-P10</b>	<b>10</b>
8	5.0	–	14.5	37.8	8.0	<b>133093</b>	<b>NPQP-D-Q8-E-FD-P10</b>	<b>10</b>
10	6.7	–	17.5	43.8	13.0	<b>133094</b>	<b>NPQP-D-Q10-E-FD-P10</b>	<b>10</b>
12	8.7	–	21.0	48.2	19.0	<b>133095</b>	<b>NPQP-D-Q12-E-FD-P10</b>	<b>10</b>
<b>Reducing</b>								
6	2.6	4	12.5	34.6	5.5	<b>133096</b>	<b>NPQP-D-Q6-Q4-FD-P10</b>	<b>10</b>
8	4.0	6	14.5	38.0	7.0	<b>133097</b>	<b>NPQP-D-Q8-Q6-FD-P10</b>	<b>10</b>
10	5.0	8	17.5	43.3	12.0	<b>133098</b>	<b>NPQP-D-Q10-Q8-FD-P10</b>	<b>10</b>
12	6.7	10	21.0	48.0	18.0	<b>133099</b>	<b>NPQP-D-Q12-Q10-FD-P10</b>	<b>10</b>

1) Packaging unit

## Push-in fittings NPQP

Technical data

### Push-in bulkhead connector NPQP-H

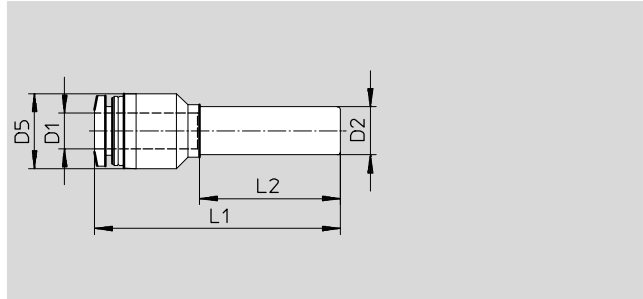


Dimensions and ordering data											
Tubing O.D.	Nominal size	D5	D6	L1	L2	L3	≅	Weight/piece	Part No.	Type	PU <sup>1)</sup>
D1	[mm]	∅				max.		[g]			
4	2.3	10	M12x1.5	31.6	9.3	6.5	14	7.2	133100	NPQP-H-Q4-E-FD	1
6	3.7	12.3	M14x1.5	35.8	9.9	9.5	17	10.2	133101	NPQP-H-Q6-E-FD	1
8	4.9	14.2	M16x1.5	38.4	10.7	9	19	14.3	133102	NPQP-H-Q8-E-FD	1
10	7.1	17.5	M20x2	43.4	13.2	12	24	24.4	133103	NPQP-H-Q10-E-FD	1
12	7.8	21	M24x2	48.8	13.4	14	27	30.4	133104	NPQP-H-Q12-E-FD	1

1) Packaging unit

### Push-in connector NPQP-D

with push-in sleeve



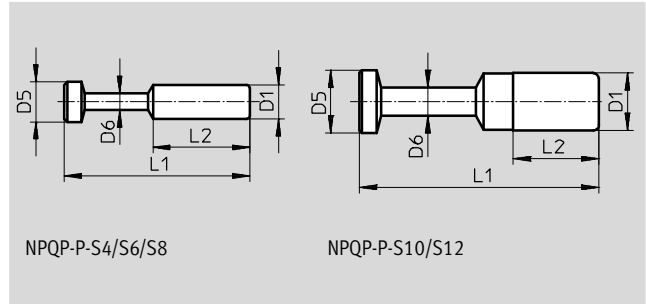
Dimensions and ordering data											
Tubing O.D.	Nominal size	Push-in sleeve ∅	D5	L1	L2	Weight/piece	Part No.	Type	PU <sup>1)</sup>		
D1	[mm]	D2	∅			[g]					
4	2.5	6	10.0	37.8	22.3	2.4	133133	NPQP-D-Q4-S6-FD-P10	10		
	2.4	8	12.5	40.3	23.3	3.0	133134	NPQP-D-Q4-S8-FD-P10	10		
6	3.8	8	12.5	40.9	23.3	3.2	133135	NPQP-D-Q6-S8-FD-P10	10		
	3.8	10	12.5	43.9	28.3	3.6	133136	NPQP-D-Q6-S10-FD-P10	10		
8	5.4	10	14.5	43.7	24.8	4.7	133137	NPQP-D-Q8-S10-FD-P10	10		
	5.4	12	14.5	49.7	33.5	5.4	133138	NPQP-D-Q8-S12-FD-P10	10		
10	6.3	12	17.5	50.2	28.8	7.9	133139	NPQP-D-Q10-S12-FD-P10	10		

1) Packaging unit

# Push-in fittings NPQP

Technical data

## Blanking plug NPQP-P



Dimensions and ordering data								
Push-in sleeve Ø	D5	D6	L1	L2	Weight/piece	Part No.	Type	PU <sup>1)</sup>
D1	Ø	Ø			[g]			
4	5	3	27.5	15.0	0.5	<b>133128</b>	<b>NPQP-P-S4-FD-P10</b>	<b>10</b>
6	7	3	32.5	17.0	0.5	<b>133129</b>	<b>NPQP-P-S6-FD-P10</b>	<b>10</b>
8	9	4	36.5	18.1	1.0	<b>133130</b>	<b>NPQP-P-S8-FD-P10</b>	<b>10</b>
10	11	5	42.0	20.2	2.0	<b>133131</b>	<b>NPQP-P-S10-FD-P10</b>	<b>10</b>
12	13	6	44.0	23.4	2.5	<b>133132</b>	<b>NPQP-P-S12-FD-P10</b>	<b>10</b>

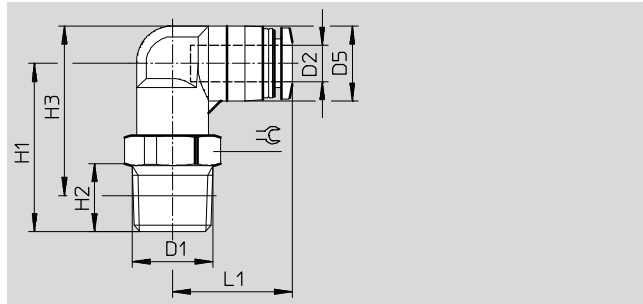
1) Packaging unit

# Push-in fittings NPQP

Technical data

## Push-in L-fitting NPQP-L

Male thread  
with external hex

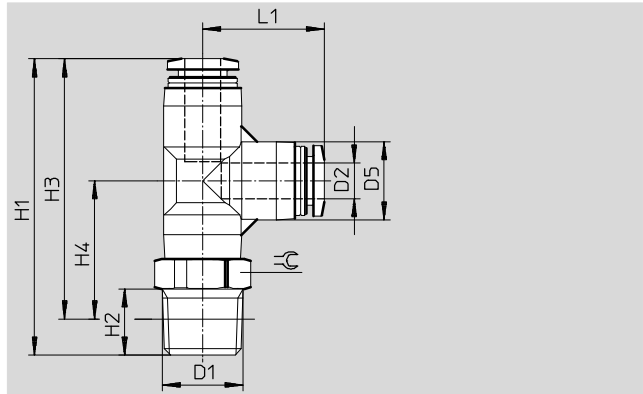


Dimensions and ordering data													
Connection	Nominal size	Tubing O.D.	D5	H1	H2	H3	L1	⌀	Weight/piece	Part No.	Type	PU <sup>1)</sup>	
D1	[mm]	D2							[g]				
R <sup>1</sup> / <sub>8</sub>	2.1	4	10.0	23.3	8	24.3	18.1	10	4.0	<b>133051</b>	<b>NPQP-L-R18-Q4-FD-P10</b>	<b>10</b>	
	3.3	6	12.5	25.0	8	27.3	19.9	12	5.0	<b>133053</b>	<b>NPQP-L-R18-Q6-FD-P10</b>	<b>10</b>	
	4.7	8	14.5	28.0	8	31.3	22.7	14	7.0	<b>133055</b>	<b>NPQP-L-R18-Q8-FD-P10</b>	<b>10</b>	
R <sup>1</sup> / <sub>4</sub>	2.1	4	10.0	26.3	11	25.3	18.1	14	4.5	<b>133052</b>	<b>NPQP-L-R14-Q4-FD-P10</b>	<b>10</b>	
	3.3	6	12.5	28.0	11	28.2	19.9	14	5.5	<b>133054</b>	<b>NPQP-L-R14-Q6-FD-P10</b>	<b>10</b>	
	4.7	8	14.5	31.0	11	32.2	22.7	14	7.5	<b>133056</b>	<b>NPQP-L-R14-Q8-FD-P10</b>	<b>10</b>	
	5.7	10	17.5	36.0	11	38.7	26.4	17	12.0	<b>133057</b>	<b>NPQP-L-R14-Q10-FD-P10</b>	<b>10</b>	
R <sup>3</sup> / <sub>8</sub>	5.7	10	17.5	37.0	12	39.4	26.4	17	13.0	<b>133058</b>	<b>NPQP-L-R38-Q10-FD-P10</b>	<b>10</b>	
	6.9	12	21.0	39.0	12	43.2	29.6	22	18.0	<b>133059</b>	<b>NPQP-L-R38-Q12-FD-P10</b>	<b>10</b>	
R <sup>1</sup> / <sub>2</sub>	6.9	12	21.0	42.0	15	44.3	29.6	22	19.0	<b>133060</b>	<b>NPQP-L-R12-Q12-FD</b>	<b>1</b>	

1) Packaging unit

## Push-in L-fitting NPQP-LQ

Male thread  
with external hex



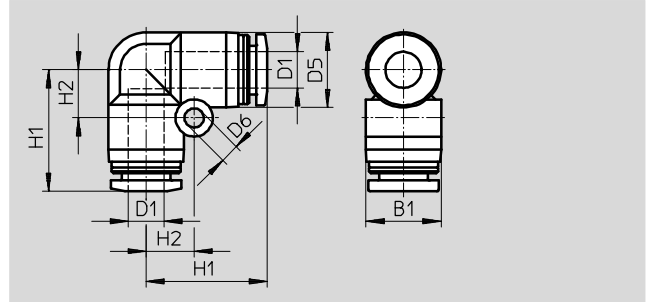
Dimensions and ordering data														
Connection	Nominal size	Tubing O.D.	D5	H1	H2	H3	H4	L1	⌀	Weight/piece	Part No.	Type	PU <sup>1)</sup>	
D1	[mm]	D2								[g]				
R <sup>1</sup> / <sub>8</sub>	2.0	4	10.0	40.2	8	36.2	19.2	17.0	10	6.0	<b>133061</b>	<b>NPQP-LQ-R18-Q4-FD-P10</b>	<b>10</b>	
	3.3	6	13.0	46.3	8	42.3	22.0	20.2	12	8.0	<b>133063</b>	<b>NPQP-LQ-R18-Q6-FD-P10</b>	<b>10</b>	
	4.8	8	15.0	50.4	8	46.4	24.2	22.2	14	11.0	<b>133065</b>	<b>NPQP-LQ-R18-Q8-FD-P10</b>	<b>10</b>	
R <sup>1</sup> / <sub>4</sub>	2.0	4	10.0	43.2	11	37.2	20.2	17.0	14	6.5	<b>133062</b>	<b>NPQP-LQ-R14-Q4-FD-P10</b>	<b>10</b>	
	3.3	6	13.0	49.3	11	43.3	23.0	20.2	14	8.5	<b>133064</b>	<b>NPQP-LQ-R14-Q6-FD-P10</b>	<b>10</b>	
	4.8	8	15.0	53.4	11	47.4	25.2	22.2	14	12.0	<b>133066</b>	<b>NPQP-LQ-R14-Q8-FD-P10</b>	<b>10</b>	
	5.8	10	17.5	61.4	11	55.4	30.0	25.4	17	18.0	<b>133067</b>	<b>NPQP-LQ-R14-Q10-FD-P10</b>	<b>10</b>	
R <sup>3</sup> / <sub>8</sub>	5.8	10	17.5	62.4	12	56.1	30.7	25.4	17	19.0	<b>133068</b>	<b>NPQP-LQ-R38-Q10-FD-P10</b>	<b>10</b>	
	6.9	12	21.0	67.8	12	61.5	32.9	28.4	22	26.0	<b>133069</b>	<b>NPQP-LQ-R38-Q12-FD-P10</b>	<b>10</b>	
R <sup>1</sup> / <sub>2</sub>	6.9	12	21.0	70.8	15	62.6	34.0	28.4	22	28.0	<b>133070</b>	<b>NPQP-LQ-R12-Q12-FD</b>	<b>1</b>	

1) Packaging unit

# Push-in fittings NPQP

Technical data

## Push-in L-connector NPQP-L



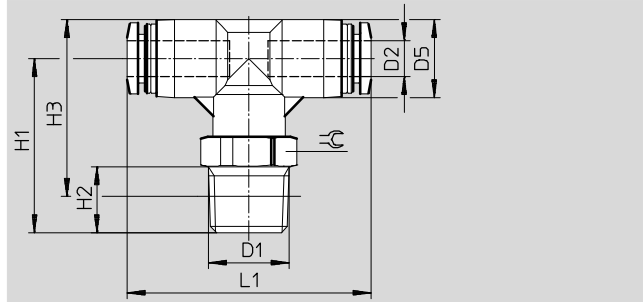
Dimensions and ordering data											
Tubing O.D.	Nominal size [mm]	Tubing O.D.	D5 ∅	D6	B1	H1	H2	Weight/piece [g]	Part No.	Type	PU <sup>1)</sup>
D1		D1									
4	2.3	4	10.0	3.2	10.0	17.0	6.5	4.5	<b>133105</b>	<b>NPQP-L-Q4-E-FD-P10</b>	<b>10</b>
6	3.6	6	12.5	3.2	12.5	20.2	8.0	6.0	<b>133106</b>	<b>NPQP-L-Q6-E-FD-P10</b>	<b>10</b>
8	4.6	8	15.0	4.2	15.6	22.4	10.0	9.0	<b>133107</b>	<b>NPQP-L-Q8-E-FD-P10</b>	<b>10</b>
10	6.2	10	17.5	4.2	18.2	26.4	12.0	14.0	<b>133108</b>	<b>NPQP-L-Q10-E-FD-P10</b>	<b>10</b>
12	7.7	12	21.0	4.2	21.7	29.6	14.0	20.0	<b>133109</b>	<b>NPQP-L-Q12-E-FD-P10</b>	<b>10</b>

1) Packaging unit

# Push-in fittings NPQP

Technical data

## Push-in T-fitting NPQP-T



Dimensions and ordering data												
Connection	Nominal size	Tubing O.D.	D5	H1	H2	H3	L1	$\approx \text{C}$	Weight/ piece	Part No.	Type	PU <sup>1)</sup>
D1	[mm]	D2							[g]			
R $\frac{1}{8}$	2.0	4	10.0	23.2	8	24.2	34.0	10	6.0	<b>133071</b>	<b>NPQP-T-R18-Q4-FD-P10</b>	<b>10</b>
	3.2	6	13.0	26.0	8	28.5	40.6	12	8.0	<b>133073</b>	<b>NPQP-T-R18-Q6-FD-P10</b>	<b>10</b>
	4.7	8	15.0	26.3	8	29.8	44.8	14	11.0	<b>133075</b>	<b>NPQP-T-R18-Q8-FD-P10</b>	<b>10</b>
R $\frac{1}{4}$	2.0	4	10.0	26.2	11	25.2	34.0	14	6.5	<b>133072</b>	<b>NPQP-T-R14-Q4-FD-P10</b>	<b>10</b>
	3.2	6	13.0	29.0	11	29.5	40.6	14	8.5	<b>133074</b>	<b>NPQP-T-R14-Q6-FD-P10</b>	<b>10</b>
	4.7	8	15.0	29.3	11	30.8	44.8	14	12.0	<b>133076</b>	<b>NPQP-T-R14-Q8-FD-P10</b>	<b>10</b>
	5.8	10	17.5	36.0	11	38.7	50.8	17	18.0	<b>133077</b>	<b>NPQP-T-R14-Q10-FD-P10</b>	<b>10</b>
R $\frac{3}{8}$	5.8	10	17.5	37.0	12	39.4	50.8	17	19.0	<b>133078</b>	<b>NPQP-T-R38-Q10-FD-P10</b>	<b>10</b>
	6.9	12	21.0	39.0	12	43.2	57.2	22	26.0	<b>133079</b>	<b>NPQP-T-R38-Q12-FD-P10</b>	<b>10</b>
R $\frac{1}{2}$	6.9	12	21.0	42.0	15	44.3	57.2	22	28.0	<b>133080</b>	<b>NPQP-T-R12-Q12-FD</b>	<b>1</b>

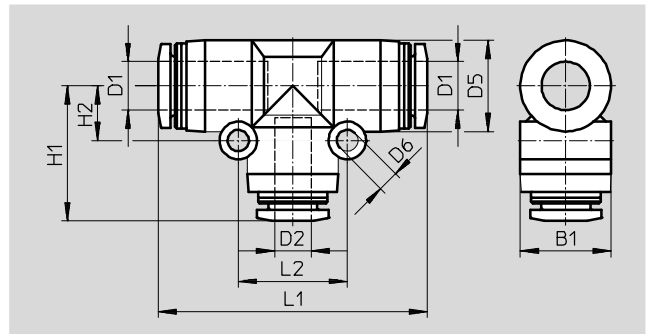
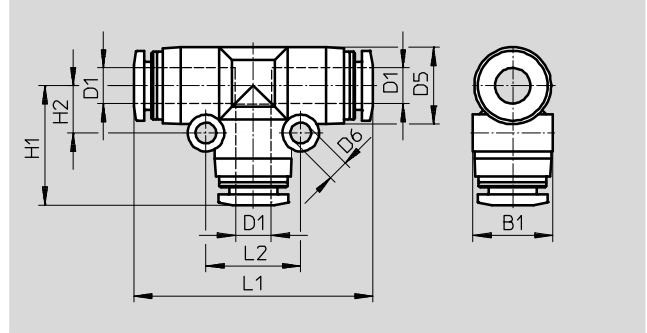
1) Packaging unit

# Push-in fittings NPQP

Technical data

**FESTO**

## Push-in T-connector NPQP-T



Reducing

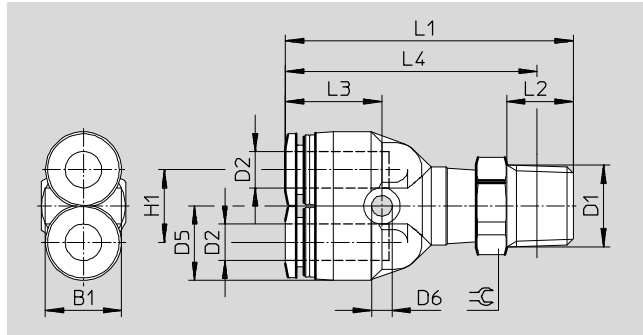
Dimensions and ordering data													
Tubing O.D. D1	Nominal size [mm]	Tubing O.D. D2	D5 ∅	D6	B1	H1	H2	L1	L2	Weight/ piece [g]	Part No.	Type	PU <sup>1)</sup>
4	2.6	-	10.0	3.2	10.4	17.3	6.5	34.6	13.0	6.5	<b>133110</b>	<b>NPQP-T-Q4-E-FD-P10</b>	<b>10</b>
6	4.0	-	13.0	3.2	13.5	20.2	8.0	40.4	16.0	9.0	<b>133111</b>	<b>NPQP-T-Q6-E-FD-P10</b>	<b>10</b>
8	5.0	-	15.0	3.2	15.6	22.2	9.0	44.4	18.0	13.0	<b>133112</b>	<b>NPQP-T-Q8-E-FD-P10</b>	<b>10</b>
10	6.7	-	17.5	4.2	18.2	25.4	12.0	50.8	24.0	21.0	<b>133113</b>	<b>NPQP-T-Q10-E-FD-P10</b>	<b>10</b>
12	8.7	-	21.0	4.2	21.7	28.4	14.0	57.2	28.0	30.0	<b>133114</b>	<b>NPQP-T-Q12-E-FD-P10</b>	<b>10</b>
<b>Reducing</b>													
6	2.3	4	13.0	3.2	13.5	19.6	8.0	40.4	16.0	9.0	<b>133115</b>	<b>NPQP-T-Q6-Q4-FD-P10</b>	<b>10</b>
8	3.6	6	15.0	3.2	15.6	22.4	9.0	44.4	18.0	12.0	<b>133116</b>	<b>NPQP-T-Q8-Q6-FD-P10</b>	<b>10</b>
10	5.0	8	17.5	4.2	18.2	24.9	12.0	50.8	24.0	19.5	<b>133117</b>	<b>NPQP-T-Q10-Q8-FD-P10</b>	<b>10</b>
12	6.4	10	21.0	4.2	21.7	28.2	14.0	57.2	28.0	28.0	<b>133118</b>	<b>NPQP-T-Q12-Q10-FD-P10</b>	<b>10</b>

1) Packaging unit

# Push-in fittings NPQP

Technical data

## Push-in Y-fitting NPQP-Y



Dimensions and ordering data															
Connection	Nominal size [mm]	Tubing O.D.	D5	D6	B1	H1	L1	L2	L3	L4	≈C	Weight/ piece [g]	Part No.	Type	PU <sup>1)</sup>
D1	[mm]	D2													
<b>R thread</b>															
R <sup>1</sup> / <sub>8</sub>	2.0	4	10.0	3.2	10.4	11	40.7	8	14.2	36.7	10	6.5	<b>133081</b>	<b>NPQP-Y-R18-Q4-FD-P10</b>	<b>10</b>
	2.8	6	12.5	3.4	13.5	12	44.5	8	15.9	40.5	12	8.0	<b>133083</b>	<b>NPQP-Y-R18-Q6-FD-P10</b>	<b>10</b>
	4.5	8	14.5	3.4	14.5	14	48.7	8	17.2	44.7	14	12.0	<b>133085</b>	<b>NPQP-Y-R18-Q8-FD-P10</b>	<b>10</b>
R <sup>1</sup> / <sub>4</sub>	2.0	4	10.0	3.2	10.4	11	43.7	11	14.2	37.7	14	7.0	<b>133082</b>	<b>NPQP-Y-R14-Q4-FD-P10</b>	<b>10</b>
	2.8	6	12.5	3.4	13.5	12	47.5	11	15.9	41.5	14	8.5	<b>133084</b>	<b>NPQP-Y-R14-Q6-FD-P10</b>	<b>10</b>
	4.5	8	14.5	3.4	14.5	14	51.7	11	17.2	45.7	14	12.0	<b>133086</b>	<b>NPQP-Y-R14-Q8-FD-P10</b>	<b>10</b>
	5.3	10	18.0	4.5	18.0	18	58.5	11	19.7	52.5	17	20.0	<b>133087</b>	<b>NPQP-Y-R14-Q10-FD-P10</b>	<b>10</b>
R <sup>3</sup> / <sub>8</sub>	5.3	10	18.0	4.5	18.0	18	59.5	12	19.7	53.2	17	21.0	<b>133088</b>	<b>NPQP-Y-R38-Q10-FD-P10</b>	<b>10</b>
	6.2	12	21.0	4.2	21.0	20	64.7	12	22.4	58.4	22	28.0	<b>133089</b>	<b>NPQP-Y-R38-Q12-FD-P10</b>	<b>10</b>
R <sup>1</sup> / <sub>2</sub>	6.2	12	21.0	4.2	21.0	20	67.7	15	22.4	59.5	22	30.0	<b>133090</b>	<b>NPQP-Y-R12-Q12-FD</b>	<b>1</b>

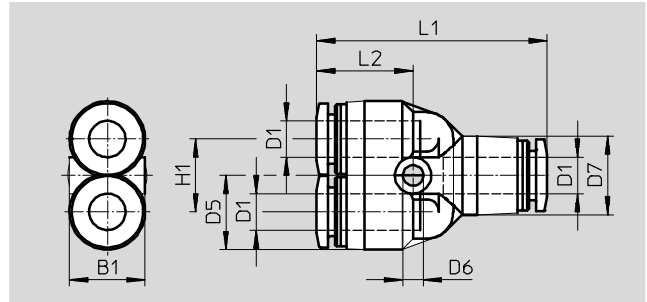
1) Packaging unit



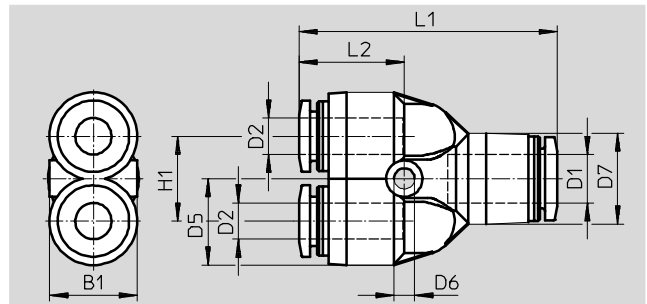
# Push-in fittings NPQP

Technical data

## Push-in Y-connector NPQP-Y



Reducing



Dimensions and ordering data													
Tubing O.D. D1	Nominal size [mm]	Tubing O.D. D2	D5 ∅	D6	D7	B1	H1	L1	L2	Weight/ piece [g]	Part No.	Type	PU <sup>1)</sup>
4	2.3	-	10.0	3.2	10.0	10.4	11.0	33.0	14.2	6.5	133119	NPQP-Y-Q4-E-FD-P10	10
6	3.6	-	12.5	3.4	13.0	13.5	12.0	38.0	15.9	9.0	133120	NPQP-Y-Q6-E-FD-P10	10
8	4.6	-	14.5	3.4	15.0	14.5	14.0	42.4	17.2	13.0	133121	NPQP-Y-Q8-E-FD-P10	10
10	5.9	-	18.0	4.5	18.0	18.0	18.0	48.8	19.7	22.0	133122	NPQP-Y-Q10-E-FD-P10	10
12	7.0	-	21.0	4.2	21.5	21.0	20.0	55.2	22.4	31.0	133123	NPQP-Y-Q12-E-FD-P10	10
Reducing													
6	2.3	4	12.5	3.4	13.0	13.5	12.0	37.4	15.3	8.5	133124	NPQP-Y-Q6-Q4-FD-P10	10
8	3.6	6	14.5	3.4	15.0	15.1	14.0	42.6	17.4	11.5	133125	NPQP-Y-Q8-Q6-FD-P10	10
10	4.7	8	18.0	4.5	18.0	18.0	18.0	48.3	19.2	18.5	133126	NPQP-Y-Q10-Q8-FD-P10	10
12	5.9	10	21.0	4.2	21.5	21.0	20.0	55.0	22.2	28.5	133127	NPQP-Y-Q12-Q10-FD-P10	10

1) Packaging unit

## Product Range and Company Overview

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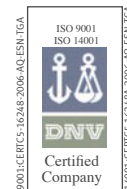
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# Festo North America



**1 Festo Canada  
Headquarters  
Festo Inc.**  
5300 Explorer Drive  
Mississauga, ON  
L4W 5G4

**2 Montréal**  
5600, Trans-Canada  
Pointe-Claire, QC  
H9R 1B6

**3 Québec City**  
2930, rue Watt#117  
Québec, QC  
G1X 4G3



**4 Festo United States  
Headquarters  
Festo Corporation**  
395 Moreland Road  
Hauppauge, NY  
11788

**5 Appleton**  
North 922 Tower View Drive, Suite N  
Greenville, WI  
54942

**7 Detroit**  
1441 West Long Lake Road  
Troy, MI  
48098

**6 Chicago**  
85 W Algonquin - Suite 340  
Arlington Heights, IL  
60005

**8 Silicon Valley**  
4935 Southfront Road, Suite F  
Livermore, CA  
94550

## Festo Regional Contact Center

### Canadian Customers

Commercial Support:  
Tel: 1 877 GO FESTO (1 877 463 3786)  
Fax: 1 877 FX FESTO (1 877 393 3786)  
Email: festo.canada@ca.festo.com

Technical Support:  
Tel: 1 866 GO FESTO (1 866 463 3786)  
Fax: 1 877 FX FESTO (1 877 393 3786)  
Email: technical.support@ca.festo.com

### USA Customers

Commercial Support:  
Tel: 1 800 99 FESTO (1 800 993 3786)  
Fax: 1 800 96 FESTO (1 800 963 3786)  
Email: customer.service@us.festo.com

Technical Support:  
Tel: 1 866 GO FESTO (1 866 463 3786)  
Fax: 1 800 96 FESTO (1 800 963 3786)  
Email: product.support@us.festo.com