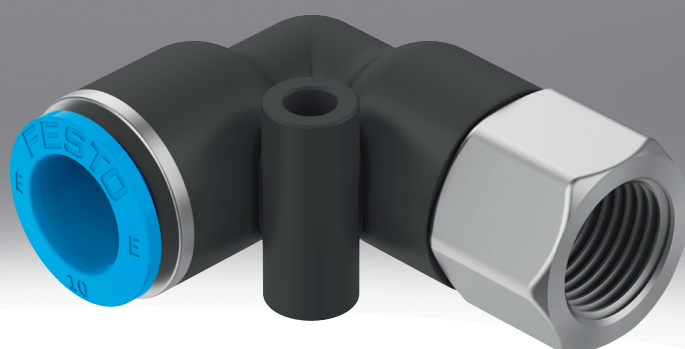


Push-in fitting NPQE

FESTO



Characteristics

At a glance

- Push-in fittings and push-in connections for pneumatic applications with a temperature range up to 60 °C and a pressure range up to 8 bar.
- For O.D. tubing 4, 6, 8, 10 or 12 mm, as push-in fitting with connecting thread M3, M5, M7, G1/8, G1/4, R1/8 or R1/4.

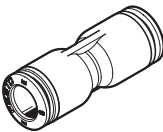
Additional documents Link [npqe](#)



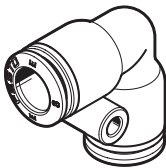
The additional document PUSH-IN-FITTINGS-ADD contains further information on tubing/fitting combinations and thread types, as well as installation instructions.

Design

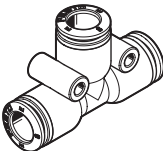
[D] Straight



[L] L-shape



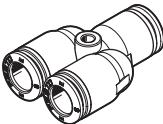
[T] T-shape



[X] X-type



[Y] Y-shape



Pneumatic connection 1

Push-in fittings for different tube outside diameters can be combined with push-in fittings, push-in sleeves, metric male threads, male R and G threads.

Connection type

[F] Female thread

Easier to mount in confined spaces with a hex key.

Type code

001	Series	
NPQE	Push-in fitting	

002	Design	
D	Straight	
H	Bulkhead	
L	L-shape	
P	Blanking plug	
T	T-shape	
X	X-type	
Y	Y-shape	

003	Pneumatic connection 1	
G12	G1/2	
G14	G1/4	
G18	G1/8	
G38	G3/8	
M3	M3	
M5	M5	
M7	M7	
Q3	Push-in connector 3 mm	
Q4	Push-in connector 4 mm	
Q6	Push-in connector 6 mm	
Q8	Push-in connector 8 mm	
Q10	Push-in connector 10 mm	
Q12	Push-in connector 12 mm	
Q14	Push-in connector 14 mm	
Q16	Push-in connector 16 mm	
R12	R1/2	
R14	R1/4	
R18	R1/8	
R38	R3/8	
S3	Push-in sleeve 3 mm	
S4	Push-in sleeve 4 mm	
S6	Push-in sleeve 6 mm	
S8	Push-in sleeve 8 mm	
S10	Push-in sleeve 10 mm	
S12	Push-in sleeve 12 mm	
S16	Push-in sleeve 16 mm	

004	Connection type	
	Standard	
F	Female thread	

005	Pneumatic connection 2	
	None	
Q3	Push-in connector 3 mm	
Q4	Push-in connector 4 mm	
Q6	Push-in connector 6 mm	
Q8	Push-in connector 8 mm	
Q10	Push-in connector 10 mm	
Q12	Push-in connector 12 mm	
Q14	Push-in connector 14 mm	
Q16	Push-in connector 16 mm	
S3	Push-in sleeve 3 mm	
S4	Push-in sleeve 4 mm	
S6	Push-in sleeve 6 mm	
S8	Push-in sleeve 8 mm	
S10	Push-in sleeve 10 mm	
S12	Push-in sleeve 12 mm	
S16	Push-in sleeve 16 mm	

006	Packaging quantity [pieces]	
P5	5	
P10	10	

Datasheet

General technical data – M/G thread

Pneumatic connection, port 1	Male thread M3	Male thread M5	Male thread M7	Male thread G1/8	Male thread G1/4
Design	Push-pull principle				
Mounting position	Any				
Type of seal on screwed plug	Sealing ring	Sealing edge, Sealing ring	Sealing ring		
Nominal torque	0.3	0.8	2	7	9
Tolerance for nominal tightening torque	±5%			±20%	
Size of pack	10				

General technical data – R thread

Pneumatic connection, port 1	Male thread R1/8	Male thread R1/4	Male thread R3/8	Male thread R1/2
Design	Push-pull principle			
Mounting position	Any			
Colour of release ring	Blue			
Type of seal on screwed plug	Coating			
Size of pack	10			5

General technical data – Push-in connector

Pneumatic connection, port 1	For tubing outer diameter of 3 mm	For tubing outer diameter of 4 mm	For tubing outer diameter of 6 mm	For tubing outer diameter of 8 mm	For tubing outer diameter of 10 mm	For tubing outer diameter of 12 mm	For tubing outer diameter of 14 mm	For tubing outer diameter of 16 mm
Design	L-shape Bulkhead T-shape X-shape Y-shape Straight design						L-shape Straight design	L-shape T-shape Y-shape Straight design
Size	Mini, Standard			Standard				
Design	Push-pull principle							
Mounting position	Any							
Size of pack	10					5 10	5	

Operating and environmental conditions

Operating pressure complete temperature range	-0.095 ... 0.8 MPa
Operating pressure complete temperature range	-0.95 ... 8 bar
Operating pressure complete temperature range	-13.775 ... 116 psi
Operating medium	Compressed air to ISO 8573-1:2010 [7:4:4]
Note on operating and pilot medium	Lubricated operation possible
Ambient temperature	-5 ... 60°C
Corrosion resistance class CRC ¹⁾	1 - Low corrosion stress

1) More information: www.festo.com/x/topic/crc

Datasheet

Materials – push-in fitting L, LH, LL, T, LQ, LT, Y

Colour of release ring	Blue
Material housing	Brass, nickel-plated, PBT
Material thread seal	NBR, PTFE
Material release ring	POM
Material tubing seal	NBR
Material tubing clamp component	Stainless steel
Note on materials	RoHS compliant
LABS (PWIS) conformity	VDMA24364 zone III
Cleanroom suitability, measured according to ISO 14644-14	Class 4 according to ISO 14644-1

Materials – Push-in connector D, L, T, Y, X; Push-in cap P

Colour of release ring	Blue
Material release ring	POM
Material tubing seal	NBR
Material tubing clamp component	Stainless steel
Note on materials	RoHS compliant
LABS (PWIS) conformity	VDMA24364 zone III
Cleanroom suitability, measured according to ISO 14644-14	Class 4 according to ISO 14644-1

Materials – Push-in fitting D, DK; Push-in bulkhead connector H

Colour of release ring	Blue
Material housing	Brass, nickel-plated
Material thread seal ¹⁾	Aluminium NBR PTFE TPEE High-alloy stainless steel
Material o-ring ²⁾	NBR
Material release ring	POM
Material tubing seal	NBR
Material tubing clamp component	Stainless steel
Note on materials	RoHS compliant
LABS (PWIS) conformity	VDMA24364 zone III
Cleanroom suitability, measured according to ISO 14644-14	Class 4 according to ISO 14644-1

1) NBR for M thread, PTFE for R thread, TPEE for G thread (DK)

2) for M thread

Materials – Push-in sleeve D; blanking plug P; safety clip QE

Colour of release ring	Blue
Material housing	PBT
Material release ring	POM
Note on materials	RoHS compliant
LABS (PWIS) conformity	VDMA24364 zone III
Cleanroom suitability, measured according to ISO 14644-14 ¹⁾	Class 4 according to ISO 14644-1 Element installed statically, no meaningful evaluation possible according to ISO 14644-1

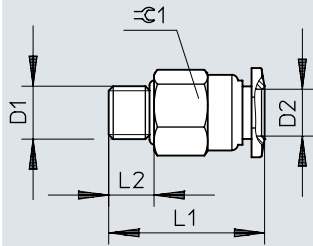
1) Push-in sleeve: class 4 according to ISO 14644-1

Additional material specifications – Products for battery production

Suitability for the production of Li-ion batteries	Suitable for battery production with reduced Cu/Zn/Ni values (F1a)
--	--

Dimensions

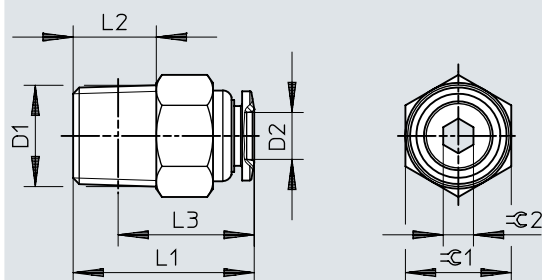
Dimensions – Push-in T-fitting NPQE-D, M thread Download CAD data www.festo.com



	D1	D2	L1	L2	± 0.1
NPQE-D-M3-Q3-P10	M3	3	14,8	3	5,5
NPQE-D-M3-Q4-P10		4	16,8	3	8
NPQE-D-M5-Q3-P10	M5	3	15,5	3,5	8
NPQE-D-M5-Q4-P10		4	17,3	3,5	8
NPQE-D-M5-Q6-P10		6	18,2	3,5	10
NPQE-D-M7-Q4-P10	M7	4	20,1	6	10
NPQE-D-M7-Q6-P10		6	20,6	6	10

Dimensions

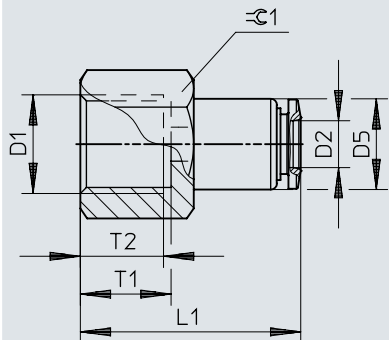
Dimensions – Push-in fitting NPQE-D, R thread

Download CAD data www.festo.com

	D1	D2	L1	L2	L3	$\varnothing 1$	$\varnothing 2$
NPQE-D-R18-Q4-P10	R1/8	4	19,4	8	15,4	10	–
NPQE-D-R18-Q6-P10		6	19,5	8	15,5	10	–
NPQE-D-R18-Q8-P10		8	28,1	8,5	24,1	14	5
NPQE-D-R18-Q10-P10		10	30,4	8,5	26,4	17	5
NPQE-D-R18-Q12-P10		12	32,4	8,5	28,4	21	5
NPQE-D-R14-Q4-P10	R1/4	4	19,4	11	13,4	14	3
NPQE-D-R14-Q6-P10		6	24	11	18	14	4
NPQE-D-R14-Q8-P10		8	26,1	11	20,1	14	6
NPQE-D-R14-Q10-P10		10	32,7	11,5	26,7	17	6
NPQE-D-R14-Q12-P10		12	35,4	11,5	29,4	21	6
NPQE-D-R38-Q6-P5	R3/8	6	22	12	15,6	17	4
NPQE-D-R38-Q8-P5		8	23,7	12	17,3	17	6
NPQE-D-R38-Q10-P5		10	28,4	12	22	17	8
NPQE-D-R38-Q12-P5		12	31,4	12,5	25	21	8
NPQE-D-R38-Q14-P5		14	39,2	12,5	32,8	22	8
NPQE-D-R38-Q16-P5		16	40,1	12,5	33,7	24	8
NPQE-D-R12-Q6-P5	R1/2	6	26	15	17,8	21	4
NPQE-D-R12-Q8-P5		8	27,1	15	18,9	21	6
NPQE-D-R12-Q10-P5		10	26,8	15	18,6	21	8
NPQE-D-R12-Q12-P5		12	34,1	15	25,9	21	8
NPQE-D-R12-Q14-P5		14	35,7	15	27,5	22	10
NPQE-D-R12-Q16-P5		16	37,1	15,5	28,9	24	10

Dimensions

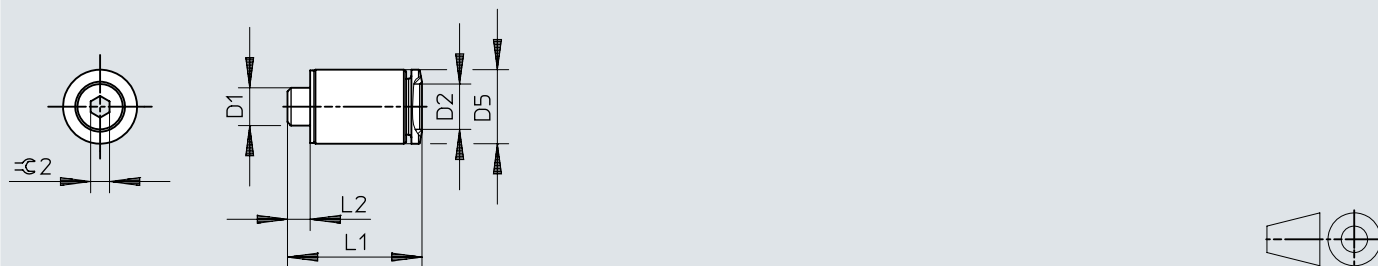
Dimensions – Push-in fitting NPQE-D, female thread with external hex

Download CAD data www.festo.com

	D1	D2	D5 Ø	L1	T1	T2	H7/k6
NPQE-D-M5F-Q3-P10	M5	3	7	17,3	6	5,5	8
NPQE-D-M5F-Q4-P10		4	8	19,6	6	5,5	10
NPQE-D-G18F-Q4-P10	G1/8	4	10	24,8	9	8	14
NPQE-D-G18F-Q6-P10		6	12	26,1	9	8	14
NPQE-D-G18F-Q8-P10		8	14	28,1	9	8	14
NPQE-D-G18F-Q10-P10		10	17	30,1	9	8	17
NPQE-D-G14F-Q4-P10	G1/4	4	10	27,8	12	11	17
NPQE-D-G14F-Q6-P10		6	12	29,1	12	11	17
NPQE-D-G14F-Q8-P10		8	14	31,1	12	11	17
NPQE-D-G14F-Q10-P10		10	17	33,1	12	11	17
NPQE-D-G14F-Q12-P10		12	20	35,6	12	11	21
NPQE-D-G38F-Q6-P5	G3/8	6	12	30,1	13	12	21
NPQE-D-G38F-Q8-P5		8	14	32,1	13	12	21
NPQE-D-G38F-Q10-P5		10	17	34,1	13	12	21
NPQE-D-G38F-Q12-P5		12	20	36,6	13	12	21
NPQE-D-G12F-Q12-P5	G1/2	12	20	38,6	15	14	24
NPQE-D-G12F-Q16-P5		16	23,8	41,1	15	14	24

Dimensions

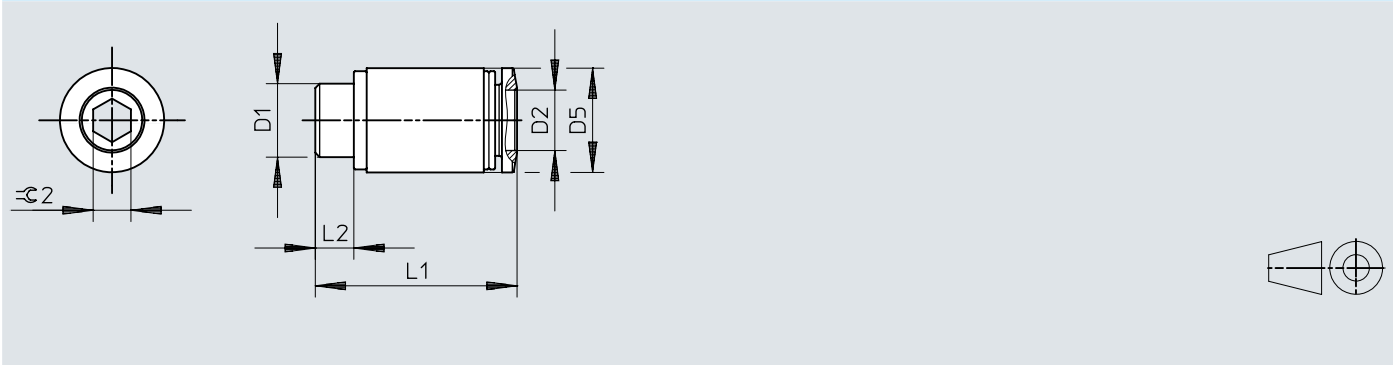
Dimensions – Push-in fitting NPQE-DK, metric thread

[Download CAD data](http://www.festo.com) www.festo.com


	D1	D2	D5 Ø	L1	L2	$\varnothing 2$ S2
NPQE-DK-M3-Q3-P10	M3	3	8	15,5	2,5	1,5
NPQE-DK-M3-Q4-P10		4	8	16,4	2,5	1,5
NPQE-DK-M5-Q3-P10	M5	3	8	15,9	3	2
NPQE-DK-M5-Q4-P10		4	8	17,3	3	2,5
NPQE-DK-M5-Q6-P10		6	10	17,8	3	2,5
NPQE-DK-M7-Q4-P10	M7	4	10	18,8	5,5	3
NPQE-DK-M7-Q6-P10		6	10	20,4	5,5	4

Dimensions

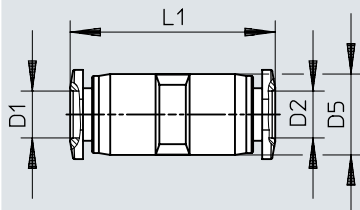
Dimensions – Push-in fitting NPQE-DK, G thread Download CAD data www.festo.com



	D1	D2	D5 Ø	L1	L2	≅ 2 S2
NPQE-DK-G18-Q4-P10	G1/8	4	13	16,2	5,1	3
NPQE-DK-G18-Q6-P10		6	13	18,2	5,1	4
NPQE-DK-G18-Q8-P10		8	14	25,7	4,2	5
NPQE-DK-G18-Q10-P10		10	17	28,3	4,2	5
NPQE-DK-G14-Q6-P10	G1/4	6	17	20,1	4,8	4
NPQE-DK-G14-Q8-P10		8	17	24,4	4,8	6
NPQE-DK-G14-Q10-P10		10	17	28,9	4,8	7
NPQE-DK-G14-Q12-P10		12	20	31,1	4,8	7

Dimensions

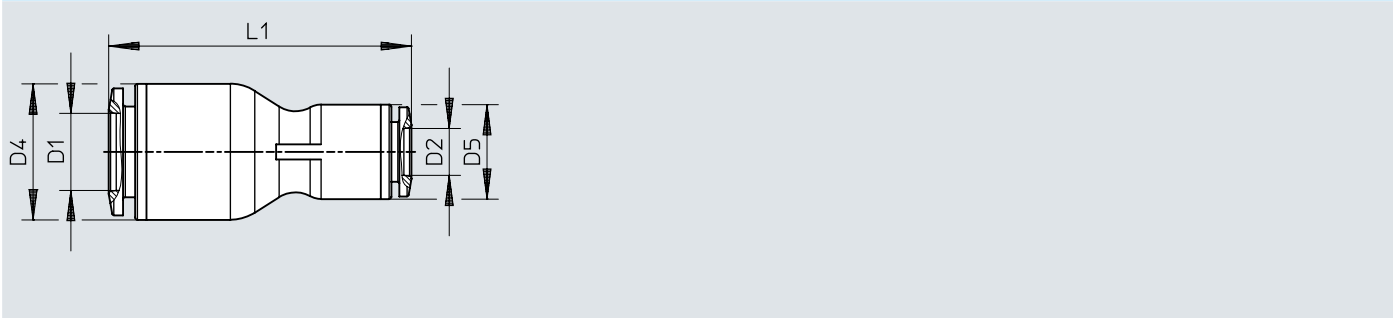
Dimensions – Push-in fitting NPQE-D

[Download CAD data](#) www.festo.com


	D1	D2	D5 Ø	L1
NPQE-D-Q3-E-P10	3	3	6,2	20,2
NPQE-D-Q4-E-P10	4	4	8,1	26
NPQE-D-Q6-E-P10	6	6	10,7	27,1
NPQE-D-Q8-E-P10	8	8	14	38,5
NPQE-D-Q10-E-P10	10	10	18	47,2
NPQE-D-Q12-E-P10	12	12	20,6	48,8
NPQE-D-Q14-E-P5	14	14	23,5	50,8
NPQE-D-Q16-E-P5	16	16	25	50

Dimensions

Dimensions – Push-in connector NPQE-D, reducing Download CAD data www.festo.com

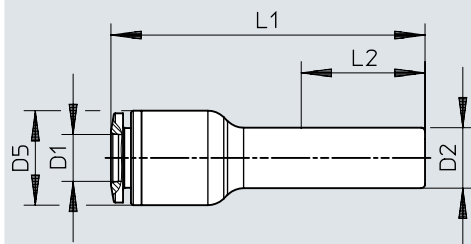


	D1	D2	D4 ø	D5 ø	L1
NPQE-D-Q4-Q3-P10	4	3	–	8,1	25,5
NPQE-D-Q6-Q4-P10	6	4	–	10,7	26,9
NPQE-D-Q8-Q4-P10	8	4	14	10,5	35,5
NPQE-D-Q8-Q6-P10		6	14	12,5	34,6
NPQE-D-Q10-Q6-P10	10	6	18	12,5	40,1
NPQE-D-Q10-Q8-P10		8	18	14	39,5
NPQE-D-Q12-Q8-P10	12	8	20,6	14	43,9
NPQE-D-Q12-Q10-P10		10	20,6	18	44,4
NPQE-D-Q14-Q10-P5	14	10	23,5	18	48,4
NPQE-D-Q14-Q12-P5		12	–	23,5	50,4

Dimensions

Dimensions – Push-in L-connector NPQE-D with push-in sleeve

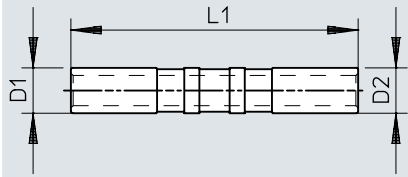
Download CAD data www.festo.com



	D1	D2	D5 ø	L1	L2
NPQE-D-Q3-S4-P10	3	QS-4	6,2	27,6	12,4
NPQE-D-Q4-S6-P10	4	QS-6	10,5	39,5	15,9
NPQE-D-Q4-S8-P10		QS-8	13	41,5	18,3
NPQE-D-Q6-S8-P10	6	QS-8	12,5	41,6	18,3
NPQE-D-Q6-S10-P10		QS-10	12,5	42,4	21,1
NPQE-D-Q6-S12-P10		QS-12	12,5	44	22,7
NPQE-D-Q8-S10-P10	8	QS-10	14	46,8	21,1
NPQE-D-Q8-S12-P10		QS-12	14	46,8	22,7
NPQE-D-Q10-S12-P10	10	QS-12	18	52,3	22,7

Dimensions

Dimensions – Plug-in sleeve NPQE-D [Download CAD data](http://www.festo.com) www.festo.com

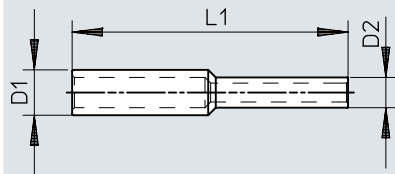


	D1	D2	L1
NPQE-D-S4-E-P10	QS-4	QS-4	35
NPQE-D-S6-E-P10	QS-6	QS-6	38
NPQE-D-S8-E-P10	QS-8	QS-8	41,5
NPQE-D-S10-E-P10	QS-10	QS-10	46
NPQE-D-S12-E-P10	QS-12	QS-12	53
NPQE-D-S16-E-P5	QS-16	QS-16	55,5

Dimensions

Dimensions – Push-in sleeve NPQE-D, reducing

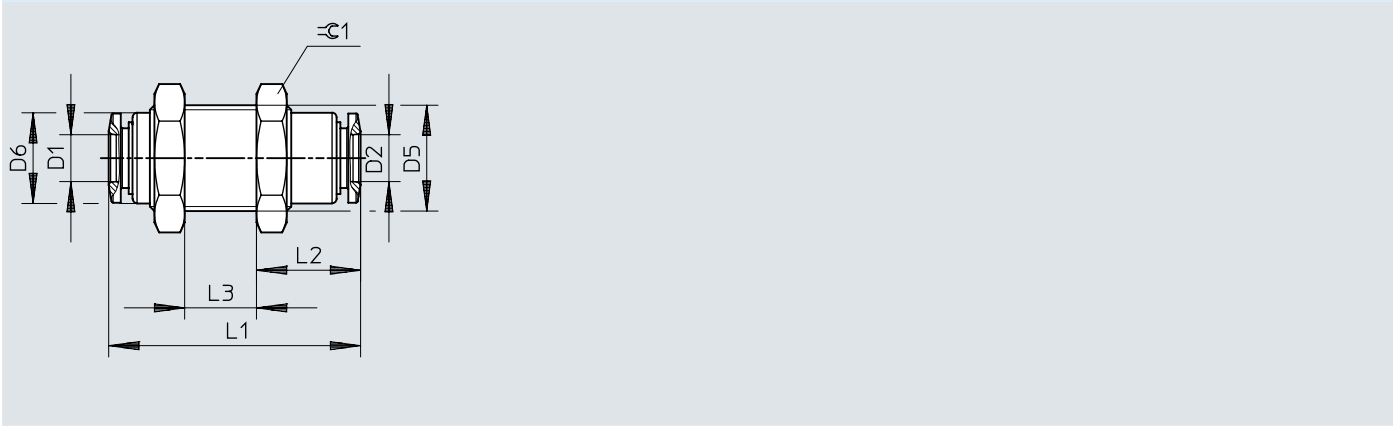
Download CAD data www.festo.com



	D1	D2	L1
NPQE-D-S6-S4-P10	QS-6	QS-4	36,5
NPQE-D-S8-S6-P10	QS-8	QS-6	40,5
NPQE-D-S10-S8-P10	QS-10	QS-8	44
NPQE-D-S12-S8-P10	QS-12	QS-8	47,5
NPQE-D-S12-S10-P10		QS-10	49,5
NPQE-D-S16-S12-P5	QS-16	QS-12	54,5

Dimensions

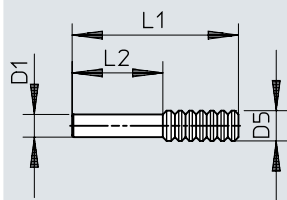
Dimensions – Push-in bulkhead connector NPQE-H Download CAD data www.festo.com



	D1	D2	D5	D6 Ø	L1	L2	L3	± 0.1
NPQE-H-Q3-E-P10	3	3	M8x0,75	5,5	22,4	8,5	7,6	10
NPQE-H-Q4-E-P10	4	4	M12x1	10	31,1	11,9	10,7	14
NPQE-H-Q6-E-P10	6	6	M14x1	12	33,3	13,7	9,5	17
NPQE-H-Q8-E-P10	8	8	M16x1	14	37,7	16,2	9,8	19
NPQE-H-Q10-E-P10	10	10	M20x1	17	41,8	16,9	11,9	24
NPQE-H-Q12-E-P10	12	12	M22x1	20	46,9	18,8	14,8	27

Dimensions

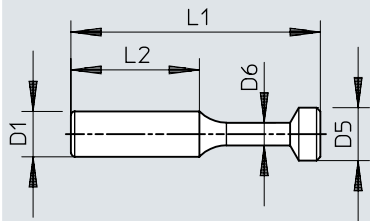
Dimensions – Blanking plug NPQE-P, NPQE-P-S3-P10

[Download CAD data](#) www.festo.com


	D1	D5 Ø	L1	L2
NPQE-P-S3-P10	QS-3	4	22	12

Dimensions

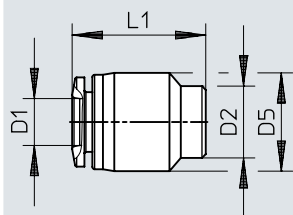
Dimensions – Blanking plug NPQE-P Download CAD data www.festo.com



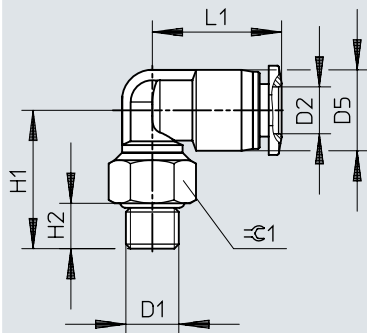
	D1	D5 ø	D6 ø	L1	L2
NPQE-P-S4-P10	QS-4	5	3	28	15
NPQE-P-S6-P10	QS-6	7	3	33	17
NPQE-P-S8-P10	QS-8	9	4	37	18
NPQE-P-S10-P10	QS-10	11	5	42	20,5
NPQE-P-S12-P10	QS-12	13	6	42	23
NPQE-P-S16-P5	QS-16	17	8	46	24

Dimensions

Dimensions – Plug-in cap NPQE-P

[Download CAD data](#) www.festo.com


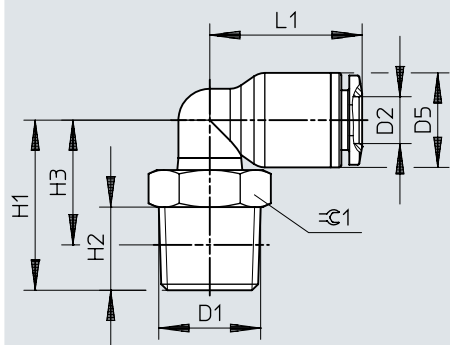
	D1	D2 Ø	D5 Ø	L1
NPQE-P-Q3-P10	3	4,4	6,2	10,6
NPQE-P-Q4-P10	4	7,5	11	16,6
NPQE-P-Q6-P10	6	9,5	13	17,7
NPQE-P-Q8-P10	8	11,2	15	20,3
NPQE-P-Q10-P10	10	13,8	18,4	23,1
NPQE-P-Q12-P10	12	16,3	21,5	25,2

Download CAD data www.festo.com

	D1	D2	D5 ø	H1	H2	L1	≈ 1
NPQE-L-M3-Q3-P10	M3	3	6,2	12,7	3	11,3	5,5
NPQE-L-M3-Q4-P10		4	8,1	14,1	3	16,4	8
NPQE-L-M5-Q3-P10	M5	3	6,2	14,6	3,5	11,3	8
NPQE-L-M5-Q4-P10		4	8,1	14,6	3,5	16,4	8
NPQE-L-M5-Q6-P10		6	10,7	16,3	3,5	17,1	8
NPQE-L-M7-Q4-P10	M7	4	8,1	16,6	6	16,4	10
NPQE-L-M7-Q6-P10		6	10,7	18,3	6	17,1	10

Dimensions

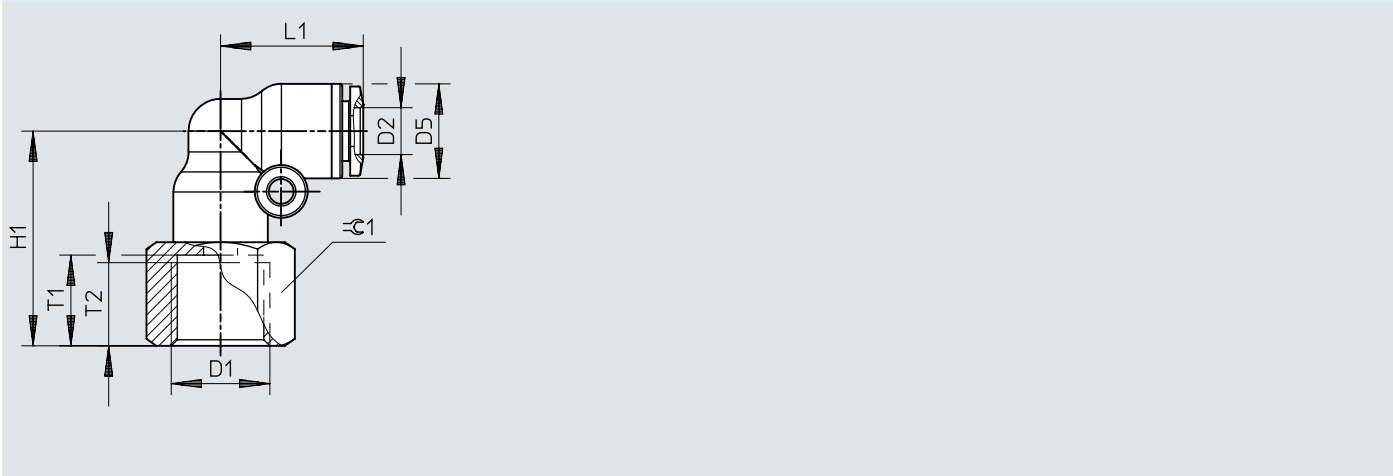
Dimensions – Push-in L-fitting NPQE-L, R thread

Download CAD data www.festo.com

	D1	D2	D5 ø	H1	H2	H3	L1	±1
NPQE-L-R18-Q4-P10	R1/8	4	10,5	19	8	15	18,8	10
NPQE-L-R18-Q6-P10		6	12,5	20	8	16	20,1	10
NPQE-L-R18-Q8-P10		8	14	23,4	8	19,4	22,5	10
NPQE-L-R18-Q10-P10		10	18	25,2	8,5	21,2	27	17
NPQE-L-R18-Q12-P10		12	20,6	26,7	8,5	22,7	28,5	17
NPQE-L-R14-Q4-P10	R1/4	4	10,5	21,5	11	15,5	18,8	14
NPQE-L-R14-Q6-P10		6	12,5	22,5	11	16,5	20,1	14
NPQE-L-R14-Q8-P10		8	14	23	11	17	22,5	14
NPQE-L-R14-Q10-P10		10	18	28,3	11,5	22,3	27	17
NPQE-L-R14-Q12-P10		12	20,6	29,8	11,5	23,8	28,5	17
NPQE-L-R38-Q6-P5	R3/8	6	12,5	24	12	17,6	20,1	17
NPQE-L-R38-Q8-P5		8	14	24,5	12	18,1	22,5	17
NPQE-L-R38-Q10-P5		10	18	26,3	12	19,9	27	17
NPQE-L-R38-Q12-P5		12	20,6	27,8	12	21,4	28,5	17
NPQE-L-R38-Q14-P5		14	23,5	36,2	12,5	29,8	33,4	20
NPQE-L-R38-Q16-P5	R1/2	16	25	35,7	12,5	29,3	33,5	20
NPQE-L-R12-Q6-P5		6	12,5	27	15	18,8	20,1	21
NPQE-L-R12-Q8-P5		8	14	27,5	15	19,3	22,5	21
NPQE-L-R12-Q10-P5		10	18	29,3	15	21,1	27	21
NPQE-L-R12-Q12-P5		12	20,6	30,8	15	22,6	28,5	21
NPQE-L-R12-Q14-P5		14	23,5	38,7	15	30,5	33,4	21
NPQE-L-R12-Q16-P5		16	25	38,2	15	30	33,5	21

Dimensions

Dimensions – Push-in L-fitting NPQE-L, female thread with external hex Download CAD data www.festo.com

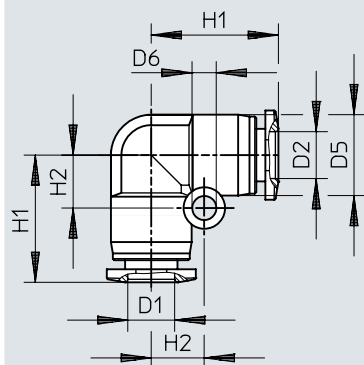


	D1	D2	D5 ø	H1	L1	T1	T2	≈ 1
NPQE-L-M5F-Q4-P10	M5	4	10,5	18,5	17,5	6	5,5	10
NPQE-L-G18F-Q4-P10	G1/8	4	10,5	24	17,5	9	8	14
NPQE-L-G18F-Q6-P10		6	12,5	25,4	18,7	9	8	14
NPQE-L-G18F-Q8-P10		8	14	28,3	22,5	9	8	14
NPQE-L-G18F-Q10-P10		10	18	27,3	27,2	9	8	17
NPQE-L-G14F-Q6-P10	G1/4	6	12,5	28,4	18,7	12	11	17
NPQE-L-G14F-Q8-P10		8	14	31,3	22,5	12	11	17
NPQE-L-G14F-Q10-P10		10	18	35,3	27,2	12	11	17
NPQE-L-G38F-Q8-P5	G3/8	8	14	33	22,5	13	12	21
NPQE-L-G38F-Q10-P5		10	18	37,3	27,2	13	12	21

Dimensions

Dimensions – Push-in L-connector NPQE-L

Download CAD data www.festo.com

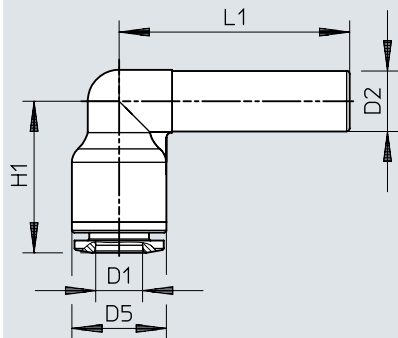


	D1	D2	D5 ø	D6 ø	H1	H2
NPQE-L-Q3-E-P10	3	3	6,2	3,2	11,6	4,7
NPQE-L-Q4-E-P10	4	4	8,1	3,2	15,1	6
NPQE-L-Q6-E-P10	6	6	10,7	3,2	16,8	7
NPQE-L-Q8-E-P10	8	8	14	3,3	22,5	10
NPQE-L-Q10-E-P10	10	10	18	4,3	27,3	12
NPQE-L-Q12-E-P10	12	12	20,6	4,3	29,3	13,5
NPQE-L-Q14-E-P5	14	14	23,5	4,3	31,9	13,5
NPQE-L-Q16-E-P5	16	16	25	4,3	32,5	15,5

Dimensions

Dimensions – Push-in L-connector NPQE-L with push-in sleeve

Download CAD data www.festo.com

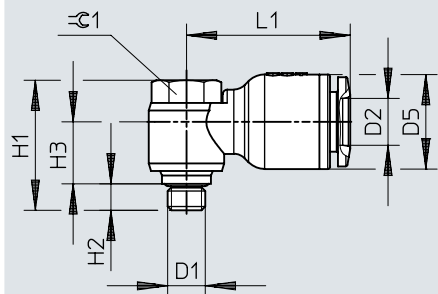


	D1	D2	D5 ø	H1	L1
NPQE-L-Q3-S3-P10	3	QS-3	6,2	11,3	22,5
NPQE-L-Q3-S4-P10		QS-4	6,2	11,3	25
NPQE-L-Q4-S4-P10	4	QS-4	8,1	14,9	25
NPQE-L-Q4-S6-P10		QS-6	8,1	14,9	29,5
NPQE-L-Q6-S6-P10	6	QS-6	10,7	17,1	27
NPQE-L-Q6-S8-P10		QS-8	12,5	20,1	30,5
NPQE-L-Q8-S8-P10	8	QS-8	14	22,5	30,5
NPQE-L-Q8-S10-P10		QS-10	14	22,5	33,5
NPQE-L-Q10-S10-P10	10	QS-10	18	27	34,5
NPQE-L-Q10-S12-P10		QS-12	18	27	39
NPQE-L-Q12-S12-P10	12	QS-12	20,6	28,5	39,2

Dimensions

Dimensions – Push-in L-fitting NPQE-LH, M thread

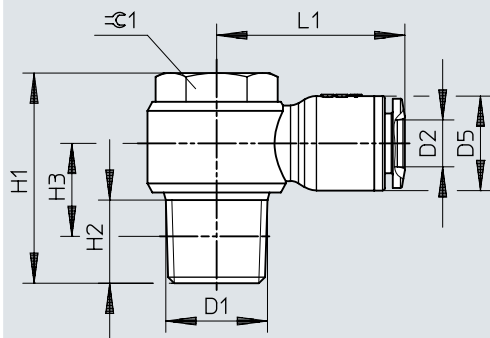
Download CAD data www.festo.com



	D1	D2	D5 Ø	H1	H2	H3	L1	≈ 1
NPQE-LH-M5-Q4-P10	M5	4	10,5	17,2	3,5	7,2	20	8
NPQE-LH-M5-Q6-P10	M5	6	12,5	17,2	3,5	8,2	21,9	8

Dimensions

Dimensions – Push-in L-fitting NPQE-LH, R thread

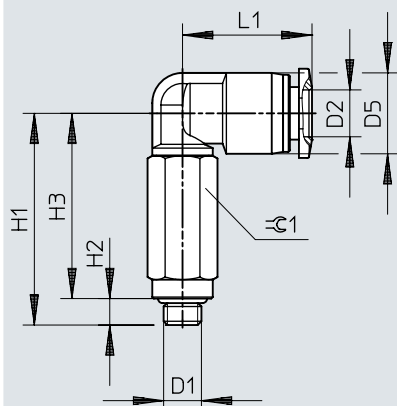
Download CAD data www.festo.com

	D1	D2	D5 ø	H1	H2	H3	L1	$\varnothing 1$
NPQE-LH-R18-Q4-P10	R1/8	4	10,5	24	8	11,5	22,3	10
NPQE-LH-R18-Q6-P10		6	12,5	24	8	11,5	22,9	10
NPQE-LH-R18-Q8-P10		8	14	24	8	12,3	25,3	10
NPQE-LH-R18-Q10-P10		10	18	24	8	14,2	30,2	10
NPQE-LH-R14-Q4-P10	R1/4	4	10,5	27,8	11	12,3	24,1	14
NPQE-LH-R14-Q6-P10		6	12,5	27,8	11	12,3	25	14
NPQE-LH-R14-Q8-P10		8	14	27,8	11	13,3	28,4	14
NPQE-LH-R14-Q10-P10		10	18	27,8	11	15	32	14
NPQE-LH-R14-Q12-P10		12	20,6	27,8	11	16,3	33,2	14
NPQE-LH-R38-Q6-P5	R3/8	6	12,5	33,4	12	14,2	26,5	19
NPQE-LH-R38-Q8-P5		8	14	33,4	12	14	29,3	19
NPQE-LH-R38-Q10-P5		10	18	33,4	12	16	32,5	19
NPQE-LH-R38-Q12-P5		12	20,6	33,4	12	17,3	35,3	19
NPQE-LH-R12-Q10-P5	R1/2	10	18	40,1	15	17,6	35,5	24
NPQE-LH-R12-Q12-P5		12	20,6	40,1	15	18,9	36,3	24
NPQE-LH-R12-Q16-P5		16	25	49	15	21,8	37,5	24

Dimensions

Dimensions – Push-in L-fitting, long, NPQE-LL, M thread

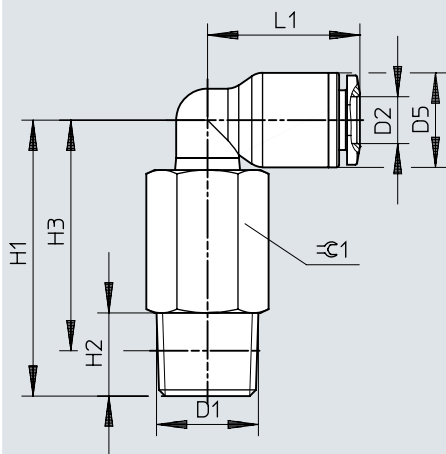
Download CAD data www.festo.com



	D1	D2	D5 Ø	H1	H2	H3	L1	≅ 1
NPQE-LL-M3-Q4-P10	M3	4	8,1	23,1	3	20,1	16,4	8
NPQE-LL-M5-Q4-P10	M5	4	8,1	26,3	3,5	22,8	16,4	8
NPQE-LL-M5-Q6-P10		6	10,7	28	3,5	24,5	17,1	8
NPQE-LL-M7-Q4-P10	M7	4	8,1	29,1	6	23,1	16,4	10
NPQE-LL-M7-Q6-P10		6	10,7	30,8	6	24,8	17,1	10

Dimensions

Dimensions – Push-in L-fitting, long, NPQE-LL, R thread

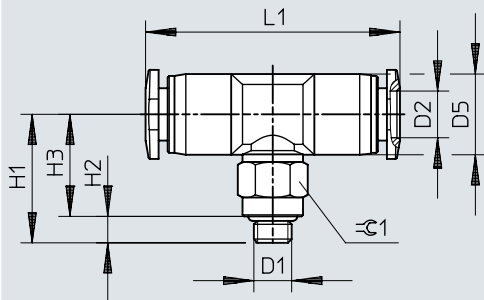
Download CAD data www.festo.com

	D1	D2	D5 ø	H1	H2	H3	L1	±G 1
NPQE-LL-R18-Q4-P10	R1/8	4	10,5	33	8	29	18,8	10
NPQE-LL-R18-Q6-P10		6	12,5	34	8	30	20,1	10
NPQE-LL-R18-Q8-P10		8	14	39,2	8	35,2	22,5	10
NPQE-LL-R18-Q10-P10		10	18	47,3	8,5	43,3	26,9	17
NPQE-LL-R18-Q12-P10		12	20,6	48,8	8,5	44,8	28,4	17
NPQE-LL-R14-Q4-P10	R1/4	4	10,5	35,5	11	29,5	18,8	14
NPQE-LL-R14-Q6-P10		6	12,5	36,5	11	30,5	20	14
NPQE-LL-R14-Q8-P10		8	14	38,8	11	32,8	22,5	14
NPQE-LL-R14-Q10-P10		10	18	50,4	11,5	44,4	26,9	17
NPQE-LL-R14-Q12-P10		12	20,6	51,9	11,5	45,9	28,4	17
NPQE-LL-R38-Q8-P5	R3/8	8	14	40,3	12	33,9	22,5	17
NPQE-LL-R38-Q10-P5		10	18	48,4	12	42	26,9	17
NPQE-LL-R38-Q12-P5		12	20,6	49,9	12	43,5	28,4	17
NPQE-LL-R12-Q12-P5	R1/2	12	20,6	52,9	15	44,7	28,4	21

Dimensions

Dimensions – Push-in T-fitting NPQE-T, M thread

Download CAD data www.festo.com

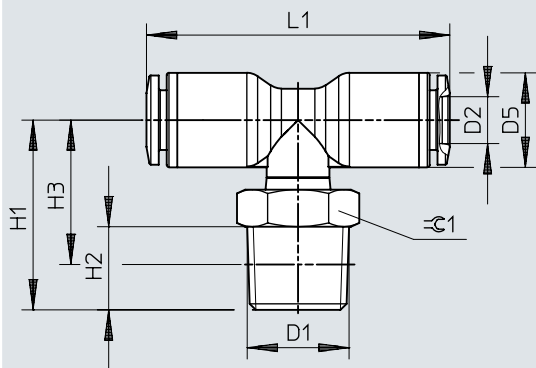


	D1	D2	D5 ø	H1	H2	H3	L1	☞ 1
NPQE-T-M3-Q4-P10	M3	4	8,1	15,3	3	12,3	30,2	8
NPQE-T-M5-Q4-P10	M5	4	8,1	15,8	3,5	12,3	30,2	8
NPQE-T-M5-Q6-P10		6	10,7	17	3,5	13,5	33,6	8

Dimensions

Dimensions – Push-in T-fitting NPQE-T, R thread

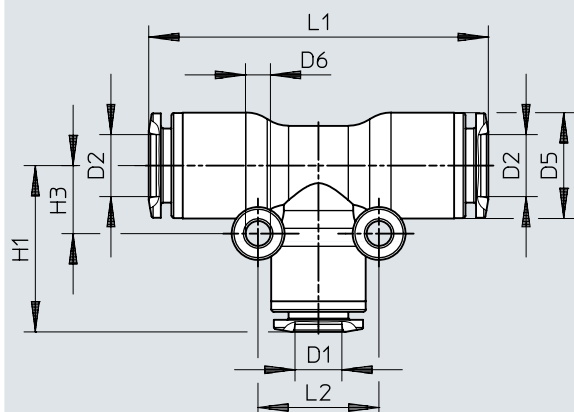
Download CAD data www.festo.com



	D1	D2	D5 ø	H1	H2	H3	L1	±1
NPQE-T-R18-Q4-P10	R1/8	4	10,5	21,5	8	17,5	36	10
NPQE-T-R18-Q6-P10		6	12,5	22,6	8	18,6	40,2	10
NPQE-T-R18-Q8-P10		8	14	27,1	8	23,1	45,4	10
NPQE-T-R18-Q10-P10		10	18	28,5	8,5	24,5	54	17
NPQE-T-R18-Q12-P10		12	20,6	29,8	8,5	25,8	58,8	17
NPQE-T-R14-Q4-P10	R1/4	4	10,5	24	11	18	36	14
NPQE-T-R14-Q6-P10		6	12,5	25,1	11	19,1	40,2	14
NPQE-T-R14-Q8-P10		8	14	26,7	11	20,7	45,4	14
NPQE-T-R14-Q10-P10		10	18	31,6	11,5	25,6	54	17
NPQE-T-R14-Q12-P10		12	20,6	32,9	11,5	26,9	58,8	17
NPQE-T-R38-Q8-P5	R3/8	8	14	28,2	12	21,8	45,4	17
NPQE-T-R38-Q10-P5		10	18	29,6	12	23,2	54	17
NPQE-T-R38-Q12-P5		12	20,6	30,9	12	24,5	58,8	17
NPQE-T-R12-Q10-P5	R1/2	10	18	32,6	15	24,4	54	21
NPQE-T-R12-Q12-P5		12	20,6	33,9	15	25,7	58,8	21
NPQE-T-R12-Q16-P5		16	25	40,7	15	32,5	69	21

Dimensions

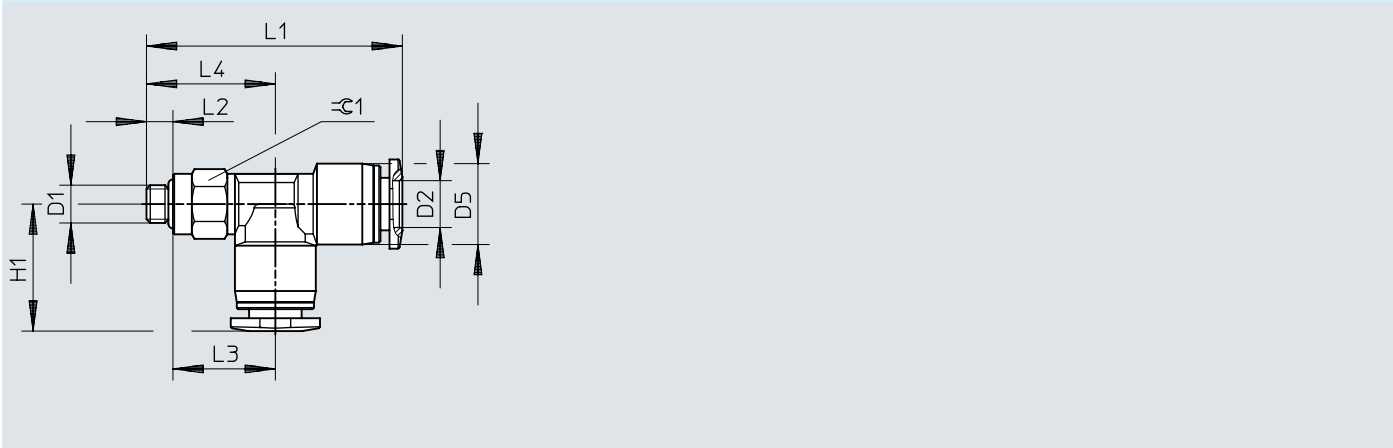
Dimensions – Push-in T-connector NPQE-T

Download CAD data www.festo.com

	D1	D2	D5 ø	D6 ø	H1	H3	L1	L2
NPQE-T-Q3-E-P10	3	3	6,2	3,2	11,6	4,7	23,2	9,4
NPQE-T-Q4-E-P10	4	4	8,1	3,2	15,1	6	30,2	12
NPQE-T-Q6-E-P10	6	6	10,7	3,2	16,8	7	33,6	14
NPQE-T-Q8-E-P10	8	8	14	3,3	22,5	9	44,9	18
NPQE-T-Q10-E-P10	10	10	18	4,3	28	12	56	24
NPQE-T-Q12-E-P10	12	12	20,6	4,3	29,4	13,5	58,8	27
NPQE-T-Q16-E-P5	16	16	25	4,3	32,5	15,5	65	31
NPQE-T-Q3-Q4-P10	3	4	8,1	3,2	14,6	6	30,2	12
NPQE-T-Q4-Q6-P10	4	6	10,7	3,2	16,6	7	33,6	14
NPQE-T-Q4-Q8-P10		8	14	3,3	21	9	42,9	15
NPQE-T-Q6-Q8-P10	6	8	14	3,3	22	9	44,9	16
NPQE-T-Q6-Q10-P10		10	18	4,3	23,1	11	52	18
NPQE-T-Q8-Q10-P10	8	10	18	4,3	27,5	11	56	18
NPQE-T-Q8-Q12-P10		12	20,6	4,3	27	12,5	56,8	19
NPQE-T-Q10-Q12-P10	10	12	20,6	4,3	29	13,5	58,8	24
NPQE-T-Q12-Q16-P5	12	16	25	4,3	31,9	15,5	65	27
NPQE-T-Q6-Q4-P10	6	4	10,7	3,2	16,8	7	33,2	14
NPQE-T-Q8-Q6-P10	8	6	14	3,3	22,1	9	44,1	16
NPQE-T-Q10-Q8-P10	10	8	18	4,3	28	12	55	24
NPQE-T-Q12-Q10-P10	12	10	20,6	4,3	29,4	13,5	58	27

Dimensions

Dimensions – Push-in T-fitting NPQE-LQ, M thread Download CAD data www.festo.com

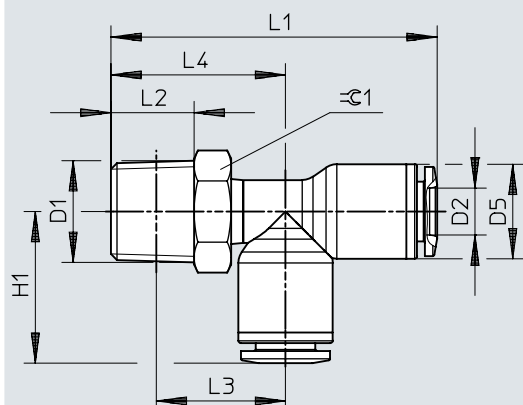


	D1	D2	D5 ø	H1	L1	L2	L3	L4	≅ 1
NPQE-LQ-M5-Q4-P10	M5	4	8,1	15,1	30,9	3,5	12,3	15,8	8
NPQE-LQ-M5-Q6-P10		6	10,7	16,8	33,9	3,5	13,6	17,1	8

Dimensions

Dimensions – Push-in T-fitting NPQE-LQ, R thread

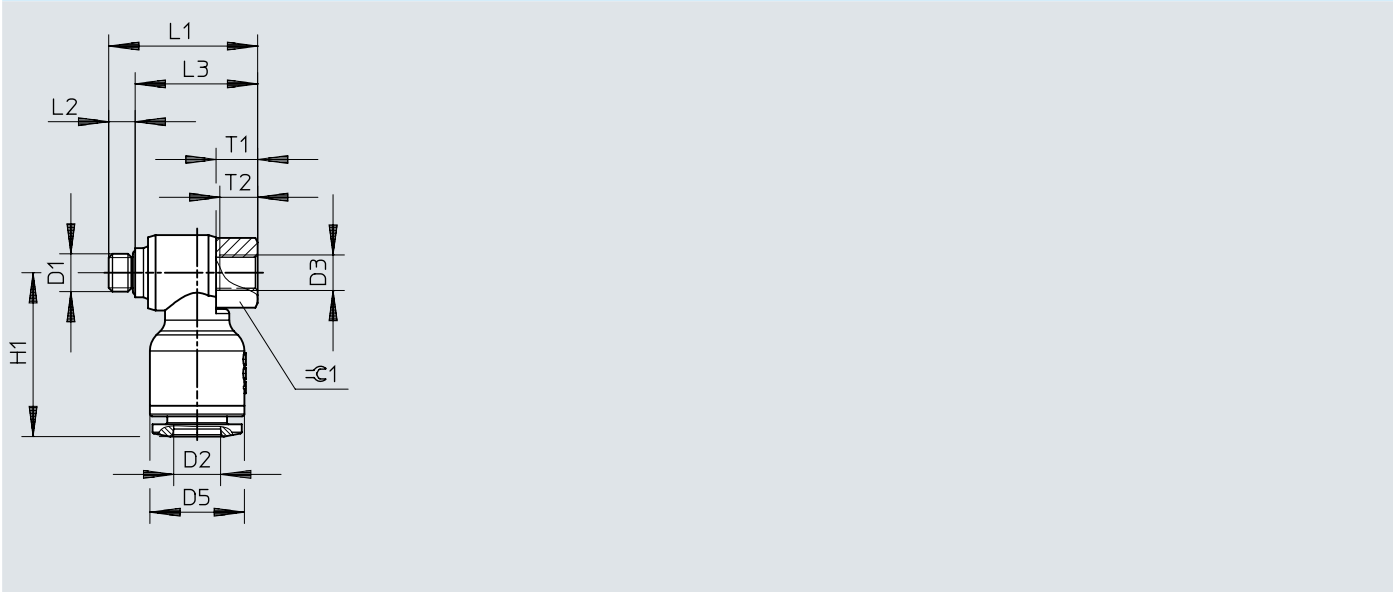
Download CAD data www.festo.com



	D1	D2	D5 ø	H1	L1	L2	L3	L4	± 1
NPQE-LQ-R18-Q4-P10	R1/8	4	10,5	18	37,6	8	15,6	19,6	10
NPQE-LQ-R18-Q6-P10		6	12,5	20,1	40,7	8	16,6	20,6	10
NPQE-LQ-R18-Q8-P10		8	14	22,7	46,6	8	19,9	23,9	10
NPQE-LQ-R18-Q10-P10		10	18	27	53,3	8,5	22,3	26,3	17
NPQE-LQ-R18-Q12-P10		12	20,6	29,4	56,9	8,5	23,5	27,5	17
NPQE-LQ-R14-Q4-P10	R1/4	4	10,5	18	40,1	11	16,1	22,1	14
NPQE-LQ-R14-Q6-P10		6	12,5	20,1	43,2	11	17,1	23,1	14
NPQE-LQ-R14-Q8-P10		8	14	22,7	46,2	11	17,5	23,5	14
NPQE-LQ-R14-Q10-P10		10	18	27	56,4	11,5	23,4	29,4	17
NPQE-LQ-R14-Q12-P10		12	20,6	29,4	60	11,5	24,6	30,6	17

Dimensions

Dimensions – Push-in T-fitting NPQE-LT, M thread Download CAD data www.festo.com

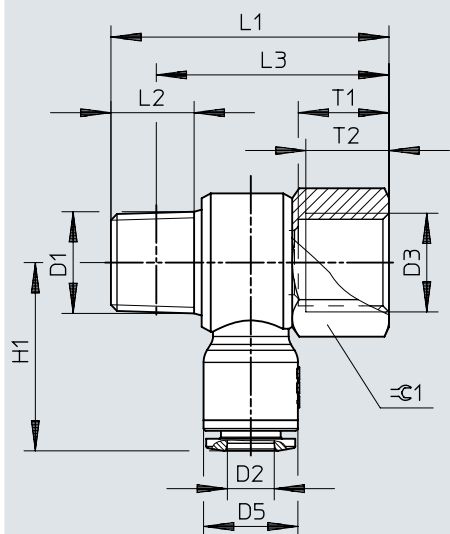


	D1	D2	D3	D5 ø	H1	L1	L2	L3	T1	T2	≅ 1
NPQE-LT-M5-Q4-P10	M5	4	M5	10,5	20	19,7	3,5	16,2	5,5	5	8
NPQE-LT-M5-Q6-P10		6	M5	12,5	21,7	19,7	3,5	16,2	5,5	5	8

Dimensions

Dimensions – Push-in T-fitting NPQE-LT, R thread

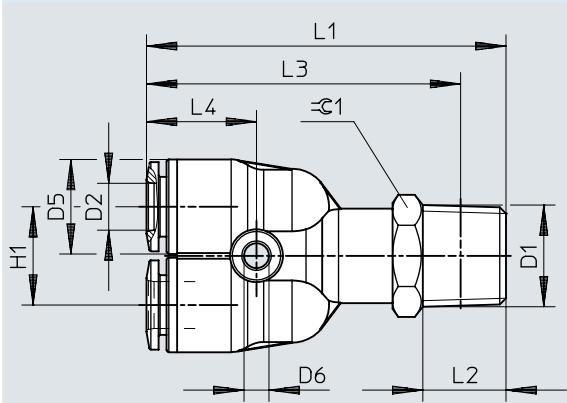
Download CAD data www.festo.com



	D1	D2	D3	D5 Ø	H1	L1	L2	L3	T1	T2	R1
NPQE-LT-R18-Q4-P10	R1/8	4	G1/8	10,5	22,3	31	8	27	9	8	14
NPQE-LT-R18-Q6-P10		6	G1/8	12,5	22,9	31	8	27	9	8	14
NPQE-LT-R18-Q8-P10		8	G1/8	14	25,3	31	8	27	9	8	14
NPQE-LT-R18-Q10-P10		10	G1/8	18	30,2	31	8	27	9	8	14
NPQE-LT-R14-Q6-P10	R1/4	6	G1/4	12,5	24,9	36,8	11	30,8	12	11	17
NPQE-LT-R14-Q8-P10		8	G1/4	14	28,4	36,8	11	30,8	12	11	17
NPQE-LT-R14-Q10-P10		10	G1/4	18	32	36,8	11	30,8	12	11	17
NPQE-LT-R14-Q12-P10		12	G1/4	20,6	33,2	36,8	11	30,8	12	11	17
NPQE-LT-R38-Q10-P5	R3/8	10	G3/8	18	32,5	42,9	12	36,5	13	12	21
NPQE-LT-R38-Q12-P5		12	G3/8	20,6	35,3	42,9	12	36,5	13	12	21
NPQE-LT-R12-Q12-P5	R1/2	12	G1/2	20,6	36,3	50	15	41,8	15	14	24

Dimensions

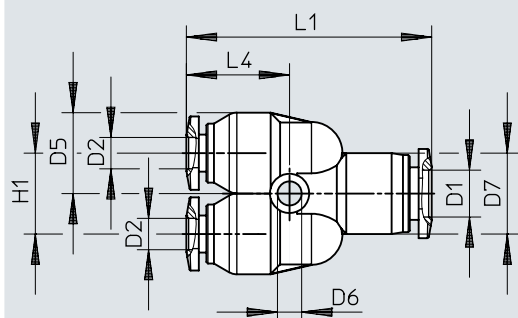
Dimensions – Push-in Y fitting NPQE-Y Download CAD data www.festo.com



	D1	D2	D5 ø	D6 ø	H1	L1	L2	L3	L4	⌀ 1
NPQE-Y-R18-Q4-P10	R1/8	4	10,5	3,3	11	42,5	8	38,5	14	10
NPQE-Y-R18-Q6-P10		6	12,5	3,3	13	44,4	8,5	40,4	14,6	12
NPQE-Y-R18-Q8-P10		8	14	3,3	15	47,6	8,5	43,6	17,9	14
NPQE-Y-R18-Q10-P10		10	18	4,3	18	56,8	8,5	52,8	20,4	17
NPQE-Y-R14-Q4-P10	R1/4	4	10,5	3,3	11	46,5	11	40,5	14	14
NPQE-Y-R14-Q6-P10		6	12,5	3,3	13	47,6	11	41,6	14,6	14
NPQE-Y-R14-Q8-P10		8	14	3,3	15	50,3	11	44,3	17,9	14
NPQE-Y-R14-Q10-P10		10	18	4,3	18	59,8	11,5	53,8	20,4	17
NPQE-Y-R38-Q10-P5	R3/8	10	18	4,3	18	60,5	12	54,1	20,4	17
NPQE-Y-R38-Q12-P5		12	20,6	4,3	21	64,6	12,5	58,2	21,3	21
NPQE-Y-R12-Q12-P5	R1/2	12	20,6	4,3	21	67,3	15	59,1	21,3	21

Dimensions

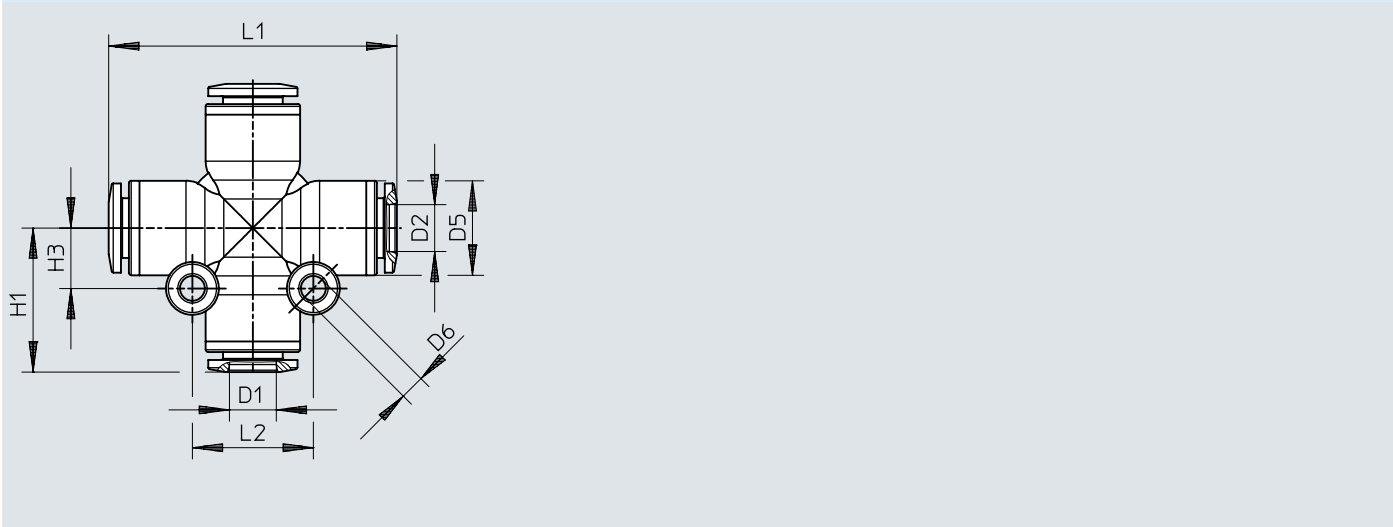
Dimensions – Push-in Y-connector NPQE-Y

Download CAD data www.festo.com

	D1	D2	D5 ø	D6 ø	D7 ø	H1	L1	L4
NPQE-Y-Q3-E-P10	3	3	7,8	3,1	7,8	8,1	29,2	13,1
NPQE-Y-Q4-E-P10	4	4	7,8	3,1	7,8	8,1	30,2	13,6
NPQE-Y-Q6-E-P10	6	6	10,7	3,2	10,7	10,7	32,6	13,8
NPQE-Y-Q8-E-P10	8	8	14	3,3	14	15	39,8	17,9
NPQE-Y-Q10-E-P10	10	10	18	4,3	18	18	49,1	20,5
NPQE-Y-Q12-E-P10	12	12	20,6	4,3	20,6	21	52,8	21,4
NPQE-Y-Q16-E-P5	16	16	25	4,3	25	25	61	22,5
NPQE-Y-Q4-Q3-P10	4	3	7,8	3,1	7,8	8,1	29,7	13,1
NPQE-Y-Q6-Q4-P10	6	4	10,7	3,2	10,7	10,7	32,4	13,6
NPQE-Y-Q8-Q4-P10	8	4	10,5	3,3	14	11	38,4	13,9
NPQE-Y-Q8-Q6-P10		6	12,5	3,3	14	13	39,9	14,6
NPQE-Y-Q10-Q6-P10	10	6	12,5	3,3	18	13	43	14,5
NPQE-Y-Q10-Q8-P10		8	14	3,3	18	15	48,5	17,9
NPQE-Y-Q12-Q8-P10	12	8	14	4,3	20,6	15	47,9	17,9
NPQE-Y-Q12-Q10-P10		10	18	4,3	20,6	18	51,6	20,5
NPQE-Y-Q16-Q12-P5	16	12	20,6	4,3	25	21	56,4	21,4

Dimensions

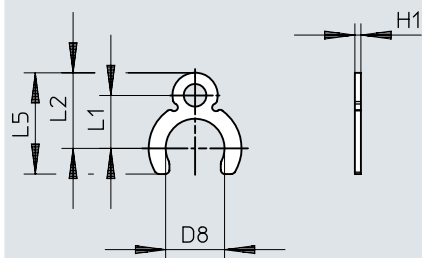
Dimensions – Push-in X connector NPQE-X Download CAD data www.festo.com



	D1	D2	D5 ø	D6 ø	H1	H3	L1	L2
NPQE-X-Q3-E-P10	3	3	6,2	3,2	12,3	4,9	24,6	9,8
NPQE-X-Q4-E-P10	4	4	10,5	3,3	17,5	7	35	14
NPQE-X-Q6-E-P10	6	6	12,5	3,3	19,1	8	38,2	16
NPQE-X-Q8-E-P10	8	8	14	3,3	22,5	9	44,9	18
NPQE-X-Q10-E-P10	10	10	18	4,3	28,1	12	56	24
NPQE-X-Q12-E-P10	12	12	20,6	4,3	29,4	13,5	58,8	27

Dimensions

Dimensions – Safety clip NPAP-QE

[Download CAD data](#) www.festo.com


	D8 ø	H1	L1	L2	L5
NPAP-QE-S-Q4-P10	5,5	0,8	6	9	12
NPAP-QE-S-Q6-P10	7,8	0,8	7	10	13,5
NPAP-QE-S-Q8-P10	9,7	1,2	8	11	15,3
NPAP-QE-S-Q10-P10	11,9	1,4	10	13,5	18,8
NPAP-QE-S-Q12-P10	14,8	1,6	11	14,5	20,5
NPAP-QE-S-Q16-P10	18,2	1,9	13,5	17,5	24,5

Ordering data

Ordering data – Push-in fitting NPQE-DK (male thread with internal hex)

	Size	Nominal size	Pneumatic connection, port 2	Pneumatic connection, port 1	Part no.	Type
	Mini	1.5 mm	For tubing outer diameter of 3 mm	Male thread M3	8112964	NPQE-DK-M3-Q3-P10
			For tubing outside diameter of 4 mm		8112965	NPQE-DK-M3-Q4-P10
		2 mm	For tubing outer diameter of 3 mm	Male thread M5	8112966	NPQE-DK-M5-Q3-P10
			For tubing outside diameter of 4 mm		8112967	NPQE-DK-M5-Q4-P10
		2.5 mm	For tubing outside diameter of 4 mm		8112968	NPQE-DK-M5-Q6-P10
			For tubing outside diameter of 6 mm			
		3 mm	For tubing outside diameter of 4 mm	Male thread M7	8112969	NPQE-DK-M7-Q4-P10
				Male thread G1/8	8112971	NPQE-DK-G18-Q4-P10
		4 mm	For tubing outside diameter of 6 mm	Male thread M7	8112970	NPQE-DK-M7-Q6-P10
				Male thread G1/8	8112972	NPQE-DK-G18-Q6-P10
	Standard	5 mm	For tubing outside diameter of 8 mm	Male thread G1/8	8112973	NPQE-DK-G18-Q8-P10
			For tubing outside diameter of 10 mm		8112974	NPQE-DK-G18-Q10-P10
		6 mm	For tubing outside diameter of 8 mm	Male thread G1/4	8112976	NPQE-DK-G14-Q8-P10
					8112977	NPQE-DK-G14-Q10-P10
		7 mm	For tubing outside diameter of 10 mm		8112978	NPQE-DK-G14-Q12-P10
			For tubing outer diameter of 12 mm			

Ordering data – Push-in fitting NPQE-D (male thread with external hex)

	Size	Nominal size	Pneumatic connection, port 2	Pneumatic connection, port 1	Part no.	Type
	Mini	1 mm	For tubing outer diameter of 3 mm	Male thread M3	8112906	NPQE-D-M3-Q3-P10
			For tubing outside diameter of 4 mm		8112907	NPQE-D-M3-Q4-P10
		2 mm	For tubing outer diameter of 3 mm	Male thread M5	8112908	NPQE-D-M5-Q3-P10
			For tubing outside diameter of 4 mm		8112909	NPQE-D-M5-Q4-P10
		2.3 mm	For tubing outside diameter of 4 mm		8112910	NPQE-D-M5-Q6-P10
			For tubing outside diameter of 6 mm			
	3 mm	3 mm	For tubing outside diameter of 4 mm	Male thread M7	8112911	NPQE-D-M7-Q4-P10

Ordering data

Ordering data – Push-in fitting NPQE-D (male thread with external hex)

	Size	Nominal size	Pneumatic connection, port 2	Pneumatic connection, port 1	Part no.	Type
	Mini	3 mm	For tubing outside diameter of 4 mm	Male thread R1/8	8112913	NPQE-D-R18-Q4-P10
		3.5 mm	For tubing outside diameter of 4 mm	Male thread M7	8112912	NPQE-D-M7-Q6-P10
		4 mm	For tubing outside diameter of 6 mm	Male thread R1/8	8112914	NPQE-D-R18-Q6-P10
	Standard	3 mm	For tubing outside diameter of 4 mm	Male thread R1/4	8112918	NPQE-D-R14-Q4-P10
		4 mm	For tubing outside diameter of 6 mm		8112919	NPQE-D-R14-Q6-P10
				Male thread R3/8	8112923	NPQE-D-R38-Q6-P5
				Male thread R1/2	8112929	NPQE-D-R12-Q6-P5
		5 mm	For tubing outside diameter of 8 mm For tubing outside diameter of 10 mm For tubing outer diameter of 12 mm	Male thread R1/8	8112915	NPQE-D-R18-Q8-P10
					8112916	NPQE-D-R18-Q10-P10
					8112917	NPQE-D-R18-Q12-P10
		6 mm	For tubing outside diameter of 8 mm For tubing outside diameter of 10 mm For tubing outer diameter of 12 mm	Male thread R1/4	8112920	NPQE-D-R14-Q8-P10
				Male thread R3/8	8112924	NPQE-D-R38-Q8-P5
				Male thread R1/2	8112930	NPQE-D-R12-Q8-P5
				Male thread R1/4	8112921	NPQE-D-R14-Q10-P10
				8112922	NPQE-D-R14-Q12-P10	
		8 mm	For tubing outside diameter of 10 mm	Male thread R3/8	8112925	NPQE-D-R38-Q10-P5
				Male thread R1/2	8112931	NPQE-D-R12-Q10-P5
			For tubing outer diameter of 12 mm	Male thread R3/8	8112926	NPQE-D-R38-Q12-P5
				Male thread R1/2	8112932	NPQE-D-R12-Q12-P5
			For tubing outside diameter of 14 mm For tubing outside diameter of 16 mm	Male thread R3/8	8112927	NPQE-D-R38-Q14-P5
					8112928	NPQE-D-R38-Q16-P5
		10 mm	For tubing outside diameter of 14 mm For tubing outside diameter of 16 mm	Male thread R1/2	8112933	NPQE-D-R12-Q14-P5
					8112934	NPQE-D-R12-Q16-P5

Ordering data – Push-in fitting NPQE-D (male thread with internal hex)

	Size	Nominal size	Pneumatic connection, port 2	Pneumatic connection, port 1	Part no.	Type
	Mini	2.2 mm	For tubing outer diameter of 3 mm	Female thread M5	8112984	NPQE-D-M5F-Q3-P10
		2.5 mm	For tubing outside diameter of 4 mm		8112985	NPQE-D-M5F-Q4-P10
	Standard			Female thread G1/8	8112986	NPQE-D-G18F-Q4-P10
				Female thread G1/4	8112990	NPQE-D-G14F-Q4-P10

Ordering data

Ordering data – Push-in fitting NPQE-D (male thread with internal hex)

	Size	Nominal size	Pneumatic connection, port 2	Pneumatic connection, port 1	Part no.	Type
	Standard	4.5 mm	For tubing outside diameter of 6 mm	Female thread G1/8	8112987	NPQE-D-G18F-Q6-P10
				Female thread G1/4	8112991	NPQE-D-G14F-Q6-P10
				Female thread G3/8	8112995	NPQE-D-G38F-Q6-P5
		6 mm	For tubing outside diameter of 8 mm	Female thread G1/8	8112988	NPQE-D-G18F-Q8-P10
				Female thread G1/4	8112992	NPQE-D-G14F-Q8-P10
				Female thread G3/8	8112996	NPQE-D-G38F-Q8-P5
		8 mm	For tubing outside diameter of 10 mm	Female thread G1/8	8112989	NPQE-D-G18F-Q10-P10
				Female thread G1/4	8112993	NPQE-D-G14F-Q10-P10
				Female thread G3/8	8112997	NPQE-D-G38F-Q10-P5
		10 mm	For tubing outer diameter of 12 mm	Female thread G1/4	8112994	NPQE-D-G14F-Q12-P10
				Female thread G3/8	8112998	NPQE-D-G38F-Q12-P5
				Female thread G1/2	8112999	NPQE-D-G12F-Q12-P5
		14 mm	For tubing outside diameter of 16 mm		8113000	NPQE-D-G12F-Q16-P5

Ordering data – Push-in connector NPQE-D

	Size	Nominal size	Pneumatic connection, port 2	Pneumatic connection, port 1	Part no.	Type
	Mini	2.2 mm	For tubing outer diameter of 3 mm	For tubing outside diameter of 3 mm	8113103	NPQE-D-Q3-E-P10
		2.3 mm	For tubing outside diameter of 4 mm	For tubing outer diameter of 4 mm	8113105	NPQE-D-Q4-E-P10
		4 mm	For tubing outside diameter of 6 mm	For tubing outside diameter of 6 mm	8113107	NPQE-D-Q6-E-P10
	Standard	7.1 mm	For tubing outside diameter of 8 mm	For tubing outer diameter of 8 mm	8113110	NPQE-D-Q8-E-P10
		9.3 mm	For tubing outside diameter of 10 mm	For tubing outer diameter of 10 mm	8113113	NPQE-D-Q10-E-P10
		10 mm	For tubing outer diameter of 12 mm	For tubing outer diameter of 12 mm	8113116	NPQE-D-Q12-E-P10
		13 mm	For tubing outside diameter of 14 mm	For tubing outer diameter of 14 mm	8113119	NPQE-D-Q14-E-P5
			For tubing outside diameter of 16 mm	For tubing outer diameter of 16 mm	8113120	NPQE-D-Q16-E-P5

Ordering data

Ordering data – Push-in connector NPQE-D, reducing

	Size	Nominal size	Pneumatic connection, port 2	Pneumatic connection, port 1	Part no.	Type
	Mini	2.3 mm	For tubing outer diameter of 3 mm	For tubing outer diameter of 4 mm	8113104	NPQE-D-Q4-Q3-P10
			For tubing outside diameter of 4 mm	For tubing outside diameter of 6 mm	8113106	NPQE-D-Q6-Q4-P10
	Standard	3.5 mm	For tubing outside diameter of 6 mm	For tubing outer diameter of 8 mm	8113108	NPQE-D-Q8-Q4-P10
		5.3 mm		For tubing outer diameter of 10 mm	8113109	NPQE-D-Q8-Q6-P10
		7.1 mm	For tubing outside diameter of 8 mm	For tubing outer diameter of 12 mm	8113111	NPQE-D-Q10-Q6-P10
				For tubing outer diameter of 14 mm	8113112	NPQE-D-Q10-Q8-P10
		9.3 mm	For tubing outside diameter of 10 mm	For tubing outer diameter of 12 mm	8113114	NPQE-D-Q12-Q8-P10
		10 mm	For tubing outside diameter of 12 mm	For tubing outer diameter of 14 mm	8113115	NPQE-D-Q12-Q10-P10
				For tubing outer diameter of 16 mm	8113117	NPQE-D-Q14-Q10-P5
				For tubing outer diameter of 18 mm	8113118	NPQE-D-Q14-Q12-P5

Ordering data – Push-in connector with Push-in sleeve NPQE-D

	Size	Nominal size	Pneumatic connection, port 2	Pneumatic connection, port 1	Part no.	Type
	Mini	2.5 mm	Push-in sleeve Ø 4 mm	For tubing outside diameter of 3 mm	8113183	NPQE-D-Q3-S4-P10
	Standard	3.5 mm	Push-in sleeve Ø 6 mm	For tubing outer diameter of 4 mm	8113184	NPQE-D-Q4-S6-P10
			Push-in sleeve Ø 8 mm		8113185	NPQE-D-Q4-S8-P10
		4.6 mm	Push-in sleeve Ø 12 mm	For tubing outside diameter of 6 mm	8113189	NPQE-D-Q6-S12-P10
		5 mm	Push-in sleeve Ø 8 mm		8113186	NPQE-D-Q6-S8-P10
		5.5 mm	Push-in sleeve Ø 10 mm		8113187	NPQE-D-Q6-S10-P10
		7 mm	Push-in sleeve Ø 12 mm	For tubing outer diameter of 8 mm	8113188	NPQE-D-Q8-S10-P10
		7.5 mm			8113190	NPQE-D-Q8-S12-P10
		8.5 mm	Push-in sleeve Ø 12 mm	For tubing outer diameter of 10 mm	8113191	NPQE-D-Q10-S12-P10

Ordering data – Push-in sleeve NPQE-D

	Size	Nominal size	Pneumatic connection, port 2	Pneumatic connection, port 1	Part no.	Type
	Standard	2.5 mm	Push-in sleeve Ø 4 mm	Push-in sleeve Ø 4 mm	8113210	NPQE-D-S4-E-P10
		4 mm	Push-in sleeve Ø 6 mm	Push-in sleeve Ø 6 mm	8113212	NPQE-D-S6-E-P10
		6 mm	Push-in sleeve Ø 8 mm	Push-in sleeve Ø 8 mm	8113214	NPQE-D-S8-E-P10
		7.5 mm	Push-in sleeve Ø 10 mm	Push-in sleeve Ø 10 mm	8113216	NPQE-D-S10-E-P10
		9 mm	Push-in sleeve Ø 12 mm	Push-in sleeve Ø 12 mm	8113219	NPQE-D-S12-E-P10
		13 mm	Push-in sleeve Ø 16 mm	Push-in sleeve Ø 16 mm	8113221	NPQE-D-S16-E-P5

Ordering data

Ordering data – Push-in sleeve NPQE-D, reducing

	Size	Nominal size	Pneumatic connection, port 2	Pneumatic connection, port 1	Part no.	Type
	Standard	2.5 mm	Push-in sleeve Ø 4 mm	Push-in sleeve Ø 6 mm	8113211	NPQE-D-S6-S4-P10
		4 mm	Push-in sleeve Ø 6 mm	Push-in sleeve Ø 8 mm	8113213	NPQE-D-S8-S6-P10
		6 mm	Push-in sleeve Ø 8 mm	Push-in sleeve Ø 10 mm	8113215	NPQE-D-S10-S8-P10
				Push-in sleeve Ø 12 mm	8113217	NPQE-D-S12-S8-P10
		7.5 mm	Push-in sleeve Ø 10 mm	Push-in sleeve Ø 12 mm	8113218	NPQE-D-S12-S10-P10
		9 mm	Push-in sleeve Ø 12 mm		8113220	NPQE-D-S16-S12-P5

Ordering data – Push-in bulkhead connector NPQE-H

	Size	Nominal size	Pneumatic connection, port 2	Pneumatic connection, port 1	Part no.	Type
	Standard	2.2 mm	For tubing outer diameter of 3 mm	For tubing outside diameter of 3 mm	8113121	NPQE-H-Q3-E-P10
		2.5 mm	For tubing outside diameter of 4 mm	For tubing outer diameter of 4 mm	8113122	NPQE-H-Q4-E-P10
		4.5 mm	For tubing outside diameter of 6 mm	For tubing outside diameter of 6 mm	8113123	NPQE-H-Q6-E-P10
		6 mm	For tubing outside diameter of 8 mm	For tubing outer diameter of 8 mm	8113124	NPQE-H-Q8-E-P10
		8 mm	For tubing outside diameter of 10 mm	For tubing outer diameter of 10 mm	8113125	NPQE-H-Q10-E-P10
		10 mm	For tubing outer diameter of 12 mm	For tubing outer diameter of 12 mm	8113126	NPQE-H-Q12-E-P10

Ordering data – Blanking plug NPQE-P

	Size	Pneumatic connection, port 1	Part no.	Type
	Standard	Push-in sleeve Ø 3 mm	8113203	NPQE-P-S3-P10
		Push-in sleeve Ø 4 mm	8113204	NPQE-P-S4-P10
		Push-in sleeve Ø 6 mm	8113205	NPQE-P-S6-P10
		Push-in sleeve Ø 8 mm	8113206	NPQE-P-S8-P10
		Push-in sleeve Ø 10 mm	8113207	NPQE-P-S10-P10
		Push-in sleeve Ø 12 mm	8113208	NPQE-P-S12-P10
		Push-in sleeve Ø 16 mm	8113209	NPQE-P-S16-P5

Ordering data – Push-in cap NPQE-P

	Size	Pneumatic connection, port 1	Part no.	Type
	Mini	For tubing outside diameter of 3 mm	8113171	NPQE-P-Q3-P10
	Standard	For tubing outer diameter of 4 mm	8113172	NPQE-P-Q4-P10
		For tubing outside diameter of 6 mm	8113173	NPQE-P-Q6-P10
		For tubing outer diameter of 8 mm	8113174	NPQE-P-Q8-P10
		For tubing outer diameter of 10 mm	8113175	NPQE-P-Q10-P10
		For tubing outer diameter of 12 mm	8113176	NPQE-P-Q12-P10

Ordering data

Ordering data – Push-in L-fitting NPQE-L (male thread with external hex)						
	Size	Nominal size	Pneumatic connection, port 2	Pneumatic connection, port 1	Part no.	Type
	Mini	1 mm	For tubing outer diameter of 3 mm	Male thread M3	8112935	NPQE-L-M3-Q3-P10
			For tubing outside diameter of 4 mm		8112936	NPQE-L-M3-Q4-P10
		2.2 mm	For tubing outer diameter of 3 mm	Male thread M5	8112937	NPQE-L-M5-Q3-P10
		2.3 mm	For tubing outside diameter of 4 mm		8112938	NPQE-L-M5-Q4-P10
			For tubing outside diameter of 4 mm	Male thread M7	8112940	NPQE-L-M7-Q4-P10
			For tubing outside diameter of 4 mm	Male thread M5	8112939	NPQE-L-M5-Q6-P10
				Male thread M7	8112941	NPQE-L-M7-Q6-P10
	Standard	3.4 mm	For tubing outside diameter of 4 mm	Male thread R1/8	8112942	NPQE-L-R18-Q4-P10
				Male thread R1/4	8112947	NPQE-L-R14-Q4-P10
		4 mm	For tubing outside diameter of 6 mm	Male thread R1/8	8112943	NPQE-L-R18-Q6-P10
				Male thread R1/4	8112948	NPQE-L-R14-Q6-P10
				Male thread R3/8	8112952	NPQE-L-R38-Q6-P5
				Male thread R1/2	8112958	NPQE-L-R12-Q6-P5
		6 mm	For tubing outside diameter of 8 mm	Male thread R1/8	8112944	NPQE-L-R18-Q8-P10
				Male thread R1/4	8112949	NPQE-L-R14-Q8-P10
				Male thread R3/8	8112953	NPQE-L-R38-Q8-P5
				Male thread R1/2	8112959	NPQE-L-R12-Q8-P5
		6.5 mm	For tubing outside diameter of 10 mm	Male thread R1/8	8112945	NPQE-L-R18-Q10-P10
			For tubing outer diameter of 12 mm		8112946	NPQE-L-R18-Q12-P10
		8.5 mm	For tubing outside diameter of 10 mm	Male thread R1/4	8112950	NPQE-L-R14-Q10-P10
			For tubing outer diameter of 12 mm		8112951	NPQE-L-R14-Q12-P10
		9.3 mm	For tubing outside diameter of 10 mm	Male thread R3/8	8112954	NPQE-L-R38-Q10-P5
				Male thread R1/2	8112960	NPQE-L-R12-Q10-P5
		9.5 mm	For tubing outer diameter of 12 mm	Male thread R3/8	8112955	NPQE-L-R38-Q12-P5
				Male thread R1/2	8112961	NPQE-L-R12-Q12-P5
		11.5 mm	For tubing outside diameter of 14 mm	Male thread R3/8	8112956	NPQE-L-R38-Q14-P5
			For tubing outside diameter of 16 mm		8112957	NPQE-L-R38-Q16-P5
		13 mm	For tubing outside diameter of 14 mm	Male thread R1/2	8112962	NPQE-L-R12-Q14-P5
			For tubing outside diameter of 16 mm		8112963	NPQE-L-R12-Q16-P5

Ordering data

Ordering data – Push-in L-fitting NPQE-L (female thread with external hex)

	Size	Nominal size	Pneumatic connection, port 2	Pneumatic connection, port 1	Part no.	Type
	Standard	2.5 mm	For tubing outside diameter of 4 mm	Female thread M5	8113001	NPQE-L-M5F-Q4-P10
		4.5 mm	For tubing outside diameter of 6 mm	Female thread G1/8	8113002	NPQE-L-G18F-Q4-P10
				Female thread G1/4	8113003	NPQE-L-G18F-Q6-P10
		6 mm	For tubing outside diameter of 8 mm	Female thread G1/8	8113006	NPQE-L-G14F-Q6-P10
				Female thread G1/4	8113004	NPQE-L-G18F-Q8-P10
				Female thread G3/8	8113007	NPQE-L-G14F-Q8-P10
		8 mm	For tubing outside diameter of 10 mm	Female thread G1/8	8113009	NPQE-L-G38F-Q8-P5
				Female thread G3/8	8113005	NPQE-L-G18F-Q10-P10
		8.5 mm		Female thread G1/4	8113010	NPQE-L-G38F-Q10-P5
					8113008	NPQE-L-G14F-Q10-P10

Ordering data – Push-in L-connector NPQE-L

	Size	Nominal size	Pneumatic connection, port 2	Pneumatic connection, port 1	Part no.	Type
	Mini	2.2 mm	For tubing outer diameter of 3 mm	For tubing outside diameter of 3 mm	8113127	NPQE-L-Q3-E-P10
		2.3 mm	For tubing outside diameter of 4 mm	For tubing outer diameter of 4 mm	8113128	NPQE-L-Q4-E-P10
		4 mm	For tubing outside diameter of 6 mm	For tubing outside diameter of 6 mm	8113129	NPQE-L-Q6-E-P10
	Standard	7.1 mm	For tubing outside diameter of 8 mm	For tubing outer diameter of 8 mm	8113130	NPQE-L-Q8-E-P10
		9.3 mm	For tubing outside diameter of 10 mm	For tubing outer diameter of 10 mm	8113131	NPQE-L-Q10-E-P10
		10 mm	For tubing outer diameter of 12 mm	For tubing outer diameter of 12 mm	8113132	NPQE-L-Q12-E-P10
		13 mm	For tubing outside diameter of 14 mm	For tubing outer diameter of 14 mm	8113133	NPQE-L-Q14-E-P5
		14.3 mm	For tubing outside diameter of 16 mm	For tubing outer diameter of 16 mm	8113134	NPQE-L-Q16-E-P5

Ordering data – Push-in L-connector with Push-in sleeve NPQE-L

	Size	Nominal size	Pneumatic connection, port 2	Pneumatic connection, port 1	Part no.	Type
	Mini	1.5 mm	Push-in sleeve Ø 3 mm	For tubing outside diameter of 3 mm	8113192	NPQE-L-Q3-S3-P10

Ordering data

Ordering data – Push-in L-connector with Push-in sleeve NPQE-L

	Size	Nominal size	Pneumatic connection, port 2	Pneumatic connection, port 1	Part no.	Type
	Mini	2.2 mm	Push-in sleeve Ø 4 mm	For tubing outside diameter of 3 mm	8113193	NPQE-L-Q3-S4-P10
		2.5 mm		For tubing outer diameter of 4 mm	8113194	NPQE-L-Q4-S4-P10
		3 mm	Push-in sleeve Ø 6 mm		8113195	NPQE-L-Q4-S6-P10
		4 mm		For tubing outside diameter of 6 mm	8113196	NPQE-L-Q6-S6-P10
	Standard		Push-in sleeve Ø 8 mm	For tubing outside diameter of 6 mm	8113197	NPQE-L-Q6-S8-P10
		6 mm		For tubing outer diameter of 8 mm	8113198	NPQE-L-Q8-S8-P10
			Push-in sleeve Ø 10 mm		8113199	NPQE-L-Q8-S10-P10
		9.3 mm		For tubing outer diameter of 10 mm	8113200	NPQE-L-Q10-S10-P10
			Push-in sleeve Ø 12 mm		8113201	NPQE-L-Q10-S12-P10
		9.5 mm		For tubing outer diameter of 12 mm	8113202	NPQE-L-Q12-S12-P10

Ordering data – Push-in L-fitting NPQE-LH

	Size	Nominal size	Pneumatic connection, port 2	Pneumatic connection, port 1	Part no.	Type
	Standard	1.8 mm	For tubing outside diameter of 4 mm	Male thread M5	8113030	NPQE-LH-M5-Q4-P10
			For tubing outside diameter of 6 mm		8113031	NPQE-LH-M5-Q6-P10
		3 mm	For tubing outside diameter of 4 mm	Male thread R1/8	8113032	NPQE-LH-R18-Q4-P10
		3.5 mm		Male thread R1/4	8113036	NPQE-LH-R14-Q4-P10
		4 mm	For tubing outside diameter of 6 mm	Male thread R1/8	8113033	NPQE-LH-R18-Q6-P10
				Male thread R1/4	8113037	NPQE-LH-R14-Q6-P10
			For tubing outside diameter of 8 mm	Male thread R3/8	8113041	NPQE-LH-R38-Q6-P5
				Male thread R1/8	8113034	NPQE-LH-R18-Q8-P10
			For tubing outside diameter of 10 mm		8113035	NPQE-LH-R18-Q10-P10
		5 mm	For tubing outside diameter of 8 mm	Male thread R1/4	8113038	NPQE-LH-R14-Q8-P10
				Male thread R3/8	8113042	NPQE-LH-R38-Q8-P5
			For tubing outside diameter of 10 mm	Male thread R1/4	8113039	NPQE-LH-R14-Q10-P10
			For tubing outer diameter of 12 mm		8113040	NPQE-LH-R14-Q12-P10
		6.5 mm	For tubing outside diameter of 10 mm	Male thread R3/8	8113043	NPQE-LH-R38-Q10-P5
			For tubing outer diameter of 12 mm		8113044	NPQE-LH-R38-Q12-P5
		8 mm	For tubing outside diameter of 10 mm	Male thread R1/2	8113045	NPQE-LH-R12-Q10-P5

Ordering data

Ordering data – Push-in L-fitting NPQE-LH

	Size	Nominal size	Pneumatic connection, port 2	Pneumatic connection, port 1	Part no.	Type
	Standard	8 mm	For tubing outer diameter of 12 mm	Male thread R1/2	8113046	NPQE-LH-R12-Q12-P5
			For tubing outside diameter of 16 mm		8113047	NPQE-LH-R12-Q16-P5

Ordering data – Push-in L-fitting, long NPQE-LL

	Size	Nominal size	Pneumatic connection, port 2	Pneumatic connection, port 1	Part no.	Type
	Mini	1 mm	For tubing outside diameter of 4 mm	Male thread M3	8113011	NPQE-LL-M3-Q4-P10
		2.3 mm		Male thread M5	8113012	NPQE-LL-M5-Q4-P10
				Male thread M7	8113014	NPQE-LL-M7-Q4-P10
		2.3 mm	For tubing outside diameter of 6 mm	Male thread M5	8113013	NPQE-LL-M5-Q6-P10
			Male thread M7	8113015	NPQE-LL-M7-Q6-P10	
	Standard	3.4 mm	For tubing outside diameter of 4 mm	Male thread R1/8	8113016	NPQE-LL-R18-Q4-P10
				Male thread R1/4	8113021	NPQE-LL-R14-Q4-P10
		4 mm	For tubing outside diameter of 6 mm	Male thread R1/8	8113017	NPQE-LL-R18-Q6-P10
				Male thread R1/4	8113022	NPQE-LL-R14-Q6-P10
		6 mm	For tubing outside diameter of 8 mm	Male thread R1/8	8113018	NPQE-LL-R18-Q8-P10
				Male thread R1/4	8113023	NPQE-LL-R14-Q8-P10
				Male thread R3/8	8113026	NPQE-LL-R38-Q8-P5
		6.5 mm	For tubing outside diameter of 10 mm	Male thread R1/8	8113019	NPQE-LL-R18-Q10-P10
			For tubing outer diameter of 12 mm		8113020	NPQE-LL-R18-Q12-P10
		8.5 mm	For tubing outside diameter of 10 mm	Male thread R1/4	8113024	NPQE-LL-R14-Q10-P10
			For tubing outer diameter of 12 mm		8113025	NPQE-LL-R14-Q12-P10
		9.3 mm	For tubing outside diameter of 10 mm	Male thread R3/8	8113027	NPQE-LL-R38-Q10-P5
		9.5 mm	For tubing outer diameter of 12 mm		8113028	NPQE-LL-R38-Q12-P5
					Male thread R1/2	8113029

Ordering data – Push-in T-fitting NPQE-T

Ordering data Push-in T-fitting NPQE-T

	Size	Nominal size	Pneumatic connection, port 2	Pneumatic connection, port 1	Part no.	Type
	Mini	1 mm	For tubing outside diameter of 4 mm	Male thread M3	8113048	NPQE-T-M3-Q4-P10
		2.2 mm		Male thread M5	8113049	NPQE-T-M5-Q4-P10
					8113050	NPQE-T-M5-Q6-P10
	Standard	3.4 mm	For tubing outside diameter of 4 mm	Male thread R1/8	8113051	NPQE-T-R18-Q4-P10
				Male thread R1/4	8113056	NPQE-T-R14-Q4-P10
		4 mm	For tubing outside diameter of 6 mm	Male thread R1/8	8113052	NPQE-T-R18-Q6-P10

Ordering data

Ordering data – Push-in T-fitting NPQE-T

	Size	Nominal size	Pneumatic connection, port 2	Pneumatic connection, port 1	Part no.	Type
	Standard	4 mm	For tubing outside diameter of 6 mm	Male thread R1/4	8113057	NPQE-T-R14-Q6-P10
		6 mm	For tubing outside diameter of 8 mm	Male thread R1/8	8113053	NPQE-T-R18-Q8-P10
				Male thread R1/4	8113058	NPQE-T-R14-Q8-P10
				Male thread R3/8	8113061	NPQE-T-R38-Q8-P5
		6.5 mm	For tubing outside diameter of 10 mm	Male thread R1/8	8113054	NPQE-T-R18-Q10-P10
					8113055	NPQE-T-R18-Q12-P10
		8.5 mm	For tubing outside diameter of 10 mm	Male thread R1/4	8113059	NPQE-T-R14-Q10-P10
					8113060	NPQE-T-R14-Q12-P10
		9.3 mm	For tubing outside diameter of 10 mm	Male thread R3/8	8113062	NPQE-T-R38-Q10-P5
				Male thread R1/2	8113064	NPQE-T-R12-Q10-P5
		9.5 mm	For tubing outer diameter of 12 mm	Male thread R3/8	8113063	NPQE-T-R38-Q12-P5
				Male thread R1/2	8113065	NPQE-T-R12-Q12-P5
		13 mm			8113066	NPQE-T-R12-Q16-P5

Ordering data – Push-in T-connector NPQE-T

	Size	Nominal size	Pneumatic connection, port 2	Pneumatic connection, port 1	Part no.	Type
	Mini	2.2 mm	For tubing outer diameter of 3 mm	For tubing outside diameter of 3 mm	8113135	NPQE-T-Q3-E-P10
		2.3 mm	For tubing outside diameter of 4 mm	For tubing outer diameter of 4 mm	8113137	NPQE-T-Q4-E-P10
		4 mm	For tubing outside diameter of 6 mm	For tubing outside diameter of 6 mm	8113140	NPQE-T-Q6-E-P10
	Standard	7.1 mm	For tubing outside diameter of 8 mm	For tubing outer diameter of 8 mm	8113144	NPQE-T-Q8-E-P10
		9.3 mm	For tubing outside diameter of 10 mm	For tubing outer diameter of 10 mm	8113148	NPQE-T-Q10-E-P10
		12.3 mm	For tubing outer diameter of 12 mm	For tubing outer diameter of 12 mm	8113152	NPQE-T-Q12-E-P10
		14.3 mm	For tubing outside diameter of 16 mm	For tubing outer diameter of 16 mm	8113154	NPQE-T-Q16-E-P5

Ordering data

Ordering data – Push-in T-connector NPQE-T, increasing

	Size	Nominal size	Pneumatic connection, port 2	Pneumatic connection, port 1	Part no.	Type
	Mini	2.2 mm	For tubing outside diameter of 4 mm	For tubing outside diameter of 3 mm	8113136	NPQE-T-Q3-Q4-P10
		2.3 mm	For tubing outside diameter of 6 mm	For tubing outer diameter of 4 mm	8113139	NPQE-T-Q4-Q6-P10
	Standard	3.5 mm	For tubing outside diameter of 8 mm	For tubing outside diameter of 6 mm	8113142	NPQE-T-Q4-Q8-P10
		5.3 mm			8113143	NPQE-T-Q6-Q8-P10
			For tubing outside diameter of 10 mm	For tubing outer diameter of 8 mm	8113146	NPQE-T-Q6-Q10-P10
		7.1 mm			8113147	NPQE-T-Q8-Q10-P10
			For tubing outer diameter of 12 mm	For tubing outer diameter of 10 mm	8113150	NPQE-T-Q8-Q12-P10
		9.3 mm			8113151	NPQE-T-Q10-Q12-P10
		10 mm	For tubing outside diameter of 16 mm	For tubing outer diameter of 12 mm	8113153	NPQE-T-Q12-Q16-P5

Ordering data – Push-in T-connector NPQE-T, reducing

	Size	Nominal size	Pneumatic connection, port 2	Pneumatic connection, port 1	Part no.	Type
	Mini	2.3 mm	For tubing outside diameter of 4 mm	For tubing outside diameter of 6 mm	8113138	NPQE-T-Q6-Q4-P10
	Standard	5.3 mm	For tubing outside diameter of 6 mm	For tubing outer diameter of 8 mm	8113141	NPQE-T-Q8-Q6-P10
		7.1 mm	For tubing outside diameter of 8 mm	For tubing outer diameter of 10 mm	8113145	NPQE-T-Q10-Q8-P10
		9.3 mm	For tubing outside diameter of 10 mm	For tubing outer diameter of 12 mm	8113149	NPQE-T-Q12-Q10-P10

Ordering data – Push-in T-fitting NPQE-LQ

	Size	Nominal size	Pneumatic connection, port 2	Pneumatic connection, port 1	Part no.	Type
	Mini	2.2 mm	For tubing outside diameter of 4 mm	Male thread M5	8113067	NPQE-LQ-M5-Q4-P10
			For tubing outside diameter of 6 mm		8113068	NPQE-LQ-M5-Q6-P10
	Standard	3.4 mm	For tubing outside diameter of 4 mm	Male thread R1/8	8113069	NPQE-LQ-R18-Q4-P10
				Male thread R1/4	8113074	NPQE-LQ-R14-Q4-P10
		4 mm	For tubing outside diameter of 6 mm	Male thread R1/8	8113070	NPQE-LQ-R18-Q6-P10
				Male thread R1/4	8113075	NPQE-LQ-R14-Q6-P10
		6 mm	For tubing outside diameter of 8 mm	Male thread R1/8	8113071	NPQE-LQ-R18-Q8-P10
				Male thread R1/4	8113076	NPQE-LQ-R14-Q8-P10
		6.5 mm	For tubing outside diameter of 10 mm	Male thread R1/8	8113072	NPQE-LQ-R18-Q10-P10

Ordering data

Ordering data – Push-in T-fitting NPQE-LQ						
	Size	Nominal size	Pneumatic connection, port 2	Pneumatic connection, port 1	Part no.	Type
	Standard	6.5 mm	For tubing outer diameter of 12 mm	Male thread R1/8	8113073	NPQE-LQ-R18-Q12-P10
		8.5 mm	For tubing outside diameter of 10 mm	Male thread R1/4	8113077	NPQE-LQ-R14-Q10-P10
			For tubing outer diameter of 12 mm		8113078	NPQE-LQ-R14-Q12-P10

Ordering data – Push-in T-fitting NPQE-LT						
	Size	Nominal size	Pneumatic connection, port 2	Pneumatic connection, port 1	Part no.	Type
	Standard	1.8 mm	For tubing outside diameter of 4 mm	Male thread M5	8113090	NPQE-LT-M5-Q4-P10
			For tubing outside diameter of 6 mm		8113091	NPQE-LT-M5-Q6-P10
		3 mm	For tubing outside diameter of 4 mm	Male thread R1/8	8113092	NPQE-LT-R18-Q4-P10
			For tubing outside diameter of 6 mm		8113093	NPQE-LT-R18-Q6-P10
		4 mm	For tubing outside diameter of 6 mm	Male thread R1/4	8113096	NPQE-LT-R14-Q6-P10
			For tubing outside diameter of 8 mm	Male thread R1/8	8113094	NPQE-LT-R18-Q8-P10
			For tubing outside diameter of 10 mm		8113095	NPQE-LT-R18-Q10-P10
		5 mm	For tubing outside diameter of 8 mm	Male thread R1/4	8113097	NPQE-LT-R14-Q8-P10
			For tubing outside diameter of 10 mm		8113098	NPQE-LT-R14-Q10-P10
			For tubing outer diameter of 12 mm		8113099	NPQE-LT-R14-Q12-P10
		6.5 mm	For tubing outside diameter of 10 mm	Male thread R3/8	8113100	NPQE-LT-R38-Q10-P5
			For tubing outer diameter of 12 mm		8113101	NPQE-LT-R38-Q12-P5
		8 mm	For tubing outer diameter of 12 mm	Male thread R1/2	8113102	NPQE-LT-R12-Q12-P5

Ordering data – Push-in Y-fitting NPQE-Y						
	Size	Nominal size	Pneumatic connection, port 2	Pneumatic connection, port 1	Part no.	Type
	Standard	2.6 mm	For tubing outside diameter of 4 mm	Male thread R1/8	8113079	NPQE-Y-R18-Q4-P10
				Male thread R1/4	8113083	NPQE-Y-R14-Q4-P10
		4.6 mm	For tubing outside diameter of 6 mm	Male thread R1/8	8113080	NPQE-Y-R18-Q6-P10
				Male thread R1/4	8113084	NPQE-Y-R14-Q6-P10
		5 mm	For tubing outside diameter of 10 mm	Male thread R1/8	8113082	NPQE-Y-R18-Q10-P10

Ordering data

Ordering data – Push-in Y-fitting NPQE-Y

	Size	Nominal size	Pneumatic connection, port 2	Pneumatic connection, port 1	Part no.	Type
	Standard	6 mm	For tubing outside diameter of 8 mm	Male thread R1/8	8113081	NPQE-Y-R18-Q8-P10
				Male thread R1/4	8113085	NPQE-Y-R14-Q8-P10
		8 mm	For tubing outside diameter of 10 mm	Male thread R3/8	8113086	NPQE-Y-R14-Q10-P10
					8113087	NPQE-Y-R38-Q10-P5
		9 mm	For tubing outer diameter of 12	Male thread R1/2	8113088	NPQE-Y-R38-Q12-P5
					8113089	NPQE-Y-R12-Q12-P5

Ordering data – Push-in Y-connector NPQE-Y

	Size	Nominal size	Pneumatic connection, port 2	Pneumatic connection, port 1	Part no.	Type
	Mini	2.2 mm	For tubing outer diameter of 3 mm	For tubing outside diameter of 3 mm	8113155	NPQE-Y-Q3-E-P10
		2.3 mm	For tubing outside diameter of 4 mm	For tubing outer diameter of 4 mm	8113157	NPQE-Y-Q4-E-P10
		4 mm	For tubing outside diameter of 6 mm	For tubing outside diameter of 6 mm	8113159	NPQE-Y-Q6-E-P10
	Standard	8.2 mm	For tubing outside diameter of 8 mm	For tubing outer diameter of 8 mm	8113162	NPQE-Y-Q8-E-P10
			For tubing outside diameter of 10 mm	For tubing outer diameter of 10 mm	8113165	NPQE-Y-Q10-E-P10
		12.3 mm	For tubing outer diameter of 12 mm	For tubing outer diameter of 12 mm	8113168	NPQE-Y-Q12-E-P10
		13 mm	For tubing outside diameter of 16 mm	For tubing outer diameter of 16 mm	8113170	NPQE-Y-Q16-E-P5

Ordering data – Push-in Y-connector NPQE-Y, reducing

	Size	Nominal size	Pneumatic connection, port 2	Pneumatic connection, port 1	Part no.	Type
	Mini	2.2 mm	For tubing outer diameter of 3 mm	For tubing outer diameter of 4 mm	8113156	NPQE-Y-Q4-Q3-P10
		2.3 mm	For tubing outside diameter of 4 mm	For tubing outside diameter of 6 mm	8113158	NPQE-Y-Q6-Q4-P10
	Standard	3 mm		For tubing outer diameter of 8 mm	8113160	NPQE-Y-Q8-Q4-P10
		4.6 mm		For tubing outer diameter of 10 mm	8113163	NPQE-Y-Q10-Q6-P10
		6 mm	For tubing outside diameter of 8 mm	For tubing outer diameter of 12 mm	8113166	NPQE-Y-Q12-Q8-P10
		6.2 mm	For tubing outside diameter of 6 mm	For tubing outer diameter of 8 mm	8113161	NPQE-Y-Q8-Q6-P10
		8.2 mm	For tubing outside diameter of 8 mm	For tubing outer diameter of 10 mm	8113164	NPQE-Y-Q10-Q8-P10

Ordering data

Ordering data – Push-in Y-connector NPQE-Y, reducing						
	Size	Nominal size	Pneumatic connection, port 2	Pneumatic connection, port 1	Part no.	Type
	Standard	10.3 mm	For tubing outside diameter of 10 mm	For tubing outer diameter of 12 mm	8113167	NPQE-Y-Q12-Q10-P10
		12.3 mm	For tubing outer diameter of 12 mm	For tubing outer diameter of 16 mm	8113169	NPQE-Y-Q16-Q12-P5

Ordering data – Push-in X connector NPQE-X						
	Size	Nominal size	Pneumatic connection, port 2	Pneumatic connection, port 1	Part no.	Type
	Mini	2.2 mm	For tubing outer diameter of 3 mm	For tubing outside diameter of 3 mm	8113177	NPQE-X-Q3-E-P10
	Standard	3.5 mm	For tubing outside diameter of 4 mm	For tubing outer diameter of 4 mm	8113178	NPQE-X-Q4-E-P10
		5 mm	For tubing outside diameter of 6 mm	For tubing outside diameter of 6 mm	8113179	NPQE-X-Q6-E-P10
		7 mm	For tubing outside diameter of 8 mm	For tubing outer diameter of 8 mm	8113180	NPQE-X-Q8-E-P10
		9.3 mm	For tubing outside diameter of 10 mm	For tubing outer diameter of 10 mm	8113181	NPQE-X-Q10-E-P10
		10 mm	For tubing outer diameter of 12 mm	For tubing outer diameter of 12 mm	8113182	NPQE-X-Q12-E-P10

Accessories

Safety clip NPAP-QE						
	Pneumatic connection	LABS (PWIS) conformity	Size of pack	Product weight	Part no.	Type
	For tubing O.D. 4 mm	VDMA24364 zone III	10	0.06 g	8113228	NPAP-QE-S-Q4-P10
	For tubing O.D. 6 mm			0.07 g	8113229	NPAP-QE-S-Q6-P10
	For tubing O.D. 8 mm			0.11 g	8113230	NPAP-QE-S-Q8-P10
	For tubing outside diameter of 10 mm			0.23 g	8113231	NPAP-QE-S-Q10-P10
	For tubing O.D. 12 mm			0.28 g	8113232	NPAP-QE-S-Q12-P10
	For tubing O.D. 16 mm			0.39 g	8113233	NPAP-QE-S-Q16-P10