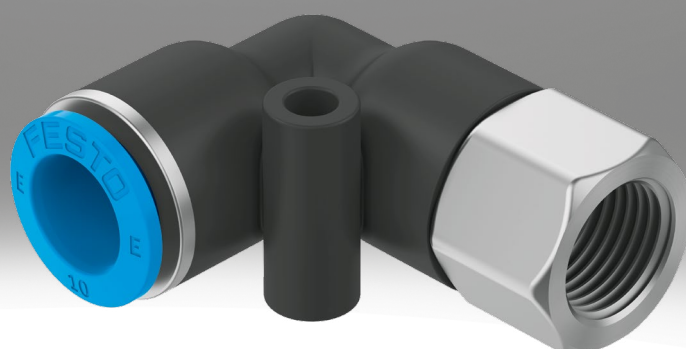


## Push-in fitting NPQE

**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.

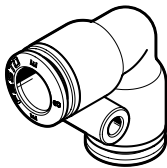
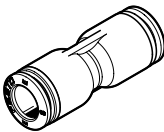
Additional documents Link [npqe](#)



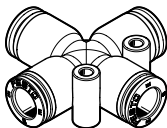
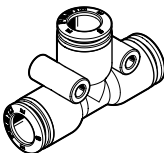
The additional document NPQE-NPQH-NPQM-NPQP-NPQR-ADD contains further information on tubing/fitting combinations and tubing assembly/dismounting.

Design

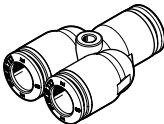
|     |          |     |         |
|-----|----------|-----|---------|
| [D] | Straight | [L] | L-shape |
|-----|----------|-----|---------|



|     |         |     |        |
|-----|---------|-----|--------|
| [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

|                                         |                     |                            |                |                  |                  |
|-----------------------------------------|---------------------|----------------------------|----------------|------------------|------------------|
| General technical data M3/M5 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                       | optional            |                            |                |                  |                  |
| 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            | optional            |                  |                  |                  |
| Colour of release ring       | Blue                |                  |                  |                  |
| Type of seal on screwed plug | Coating             |                  |                  |                  |
| Size of pack                 | 10                  |                  |                  | 5                |

## General technical data – Push-in connector

| 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<br>Bulkhead<br>T-shape<br>X-shape<br>Y-shape<br>Straight design |                                   |                                   |                                   |                                    |                                    | L-shape<br>Straight design         | L-shape<br>T-shape<br>Y-shape<br>Straight design |
| Size                                       | Mini, Standard                                                          |                                   |                                   | Standard                          |                                    |                                    |                                    |                                                  |
| Design                                     | Push-pull principle                                                     |                                   |                                   |                                   |                                    |                                    |                                    |                                                  |
| Mounting position                          | optional                                                                |                                   |                                   |                                   |                                    |                                    |                                    |                                                  |
| Size of pack                               | 10                                                                      |                                   |                                   |                                   |                                    | 5<br>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 <sup>1)</sup>  | 1 - Low corrosion stress                  |

1) More information: [www.festo.com/x/topic/crc](http://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 <sup>1)</sup>                        | Aluminium<br>NBR<br>PTFE<br>TPEE<br>High-alloy stainless steel |
| Material o-ring <sup>2)</sup>                             | 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 <sup>1)</sup> | Class 4 according to ISO 14644-1<br>Element installed statically, no meaningful evaluation possible according to ISO 14644-1 |

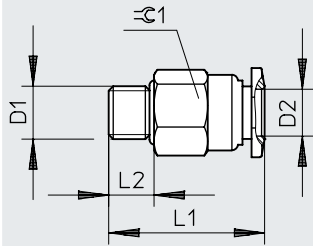
1) Push-in sleeve: class 4 according to ISO 14644-1

### 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

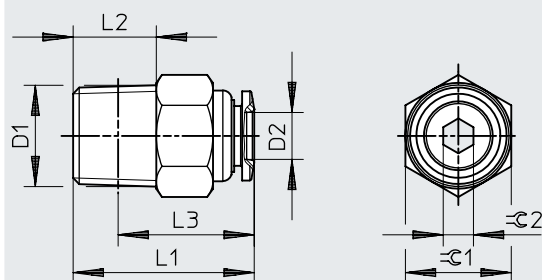
Dimensions – Push-in T-fitting NPQE-D, M thread Download CAD data [www.festo.com](http://www.festo.com)



|                  | D1 | D2 | L1   | L2  | $\pm 0.1$ |
|------------------|----|----|------|-----|-----------|
| 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

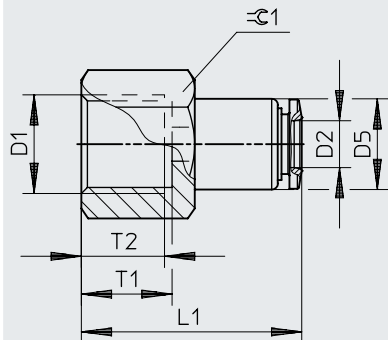
Download CAD data [www.festo.com](http://www.festo.com)

|                    | 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

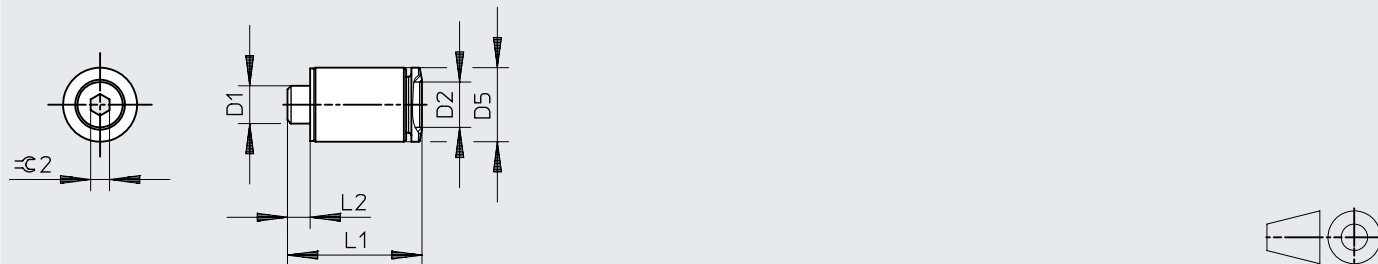
Download CAD data [www.festo.com](http://www.festo.com)



|                     | D1   | D2 | D5<br>Ø | L1   | T1 | T2  | ±1 |
|---------------------|------|----|---------|------|----|-----|----|
| 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

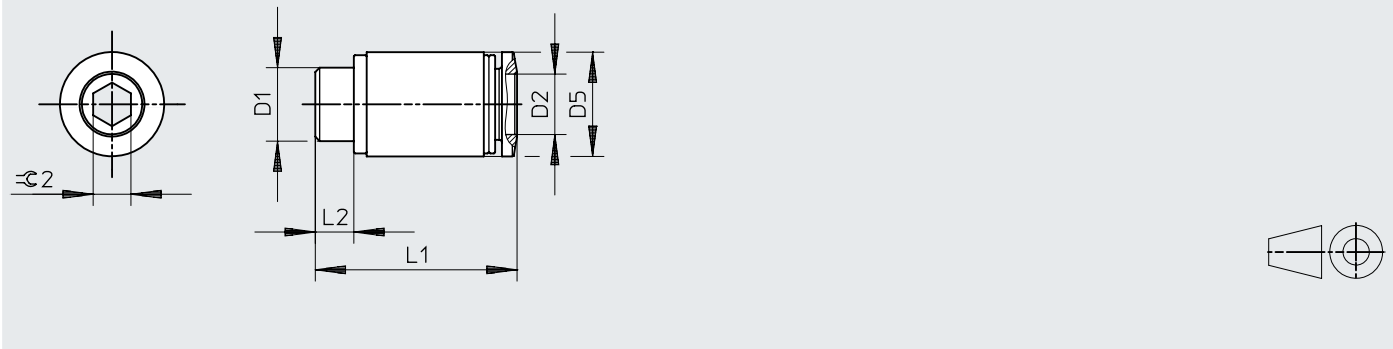
### Dimensions – Push-in fitting NPQE-DK, metric thread

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


|                   | D1 | D2 | D5<br>Ø | L1   | L2  | $\varnothing 2$<br>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

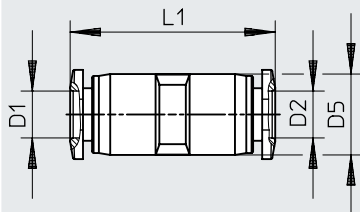
Dimensions – Push-in fitting NPQE-DK, G thread Download CAD data [www.festo.com](http://www.festo.com)



|                     | D1   | D2 | D5<br>Ø | L1   | L2  | ≅ 2<br>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

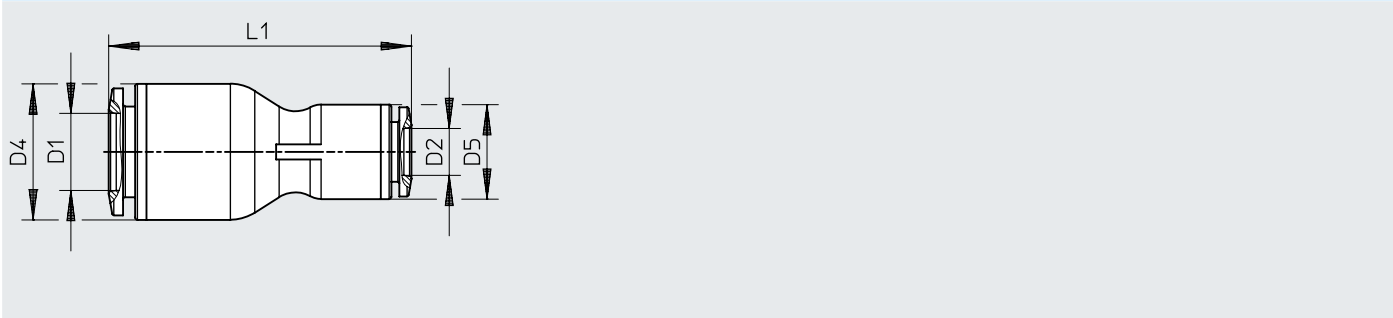
### Dimensions – Push-in fitting NPQE-D

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


|                  | D1 | D2 | D5<br>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](http://www.festo.com)

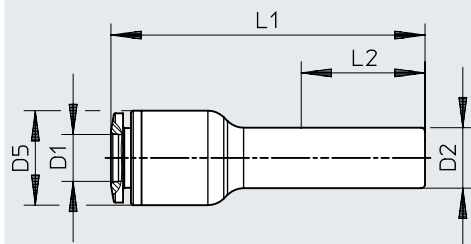


|                    | D1 | D2 | D4<br>ø | D5<br>ø | L1   |
|--------------------|----|----|---------|---------|------|
| NPQE-D-Q4-Q3-P10   | 4  | 3  | –       | 8,1     | 25,5 |
| NPQE-D-Q6-Q4-P10   | 6  | 4  | –       | 10,7    | 26,9 |
| NPQE-D-Q8-Q4-P10   | 8  | 4  | 14      | 10,5    | 35,5 |
| 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

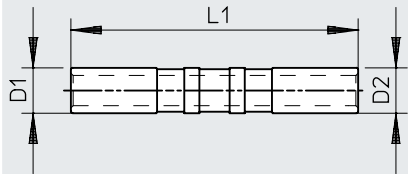
Download CAD data [www.festo.com](http://www.festo.com)



|                    | D1 | D2    | D5<br>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](http://www.festo.com)

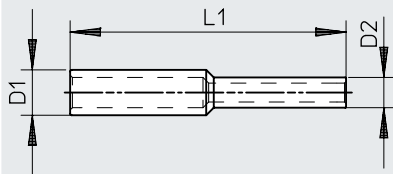


|                  | D1    | D2    | L1   |
|------------------|-------|-------|------|
| NPQE-D-S4-E-P10  | QS-4  | QS-4  | 35   |
| NPQE-D-S6-E-P10  | QS-6  | QS-6  | 38   |
| NPQE-D-S8-E-P10  | QS-8  | QS-8  | 41,5 |
| NPQE-D-S10-E-P10 | QS-10 | QS-10 | 46   |
| NPQE-D-S12-E-P10 | QS-12 | QS-12 |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

## Dimensions

Dimensions – Push-in sleeve NPQE-D, reducing

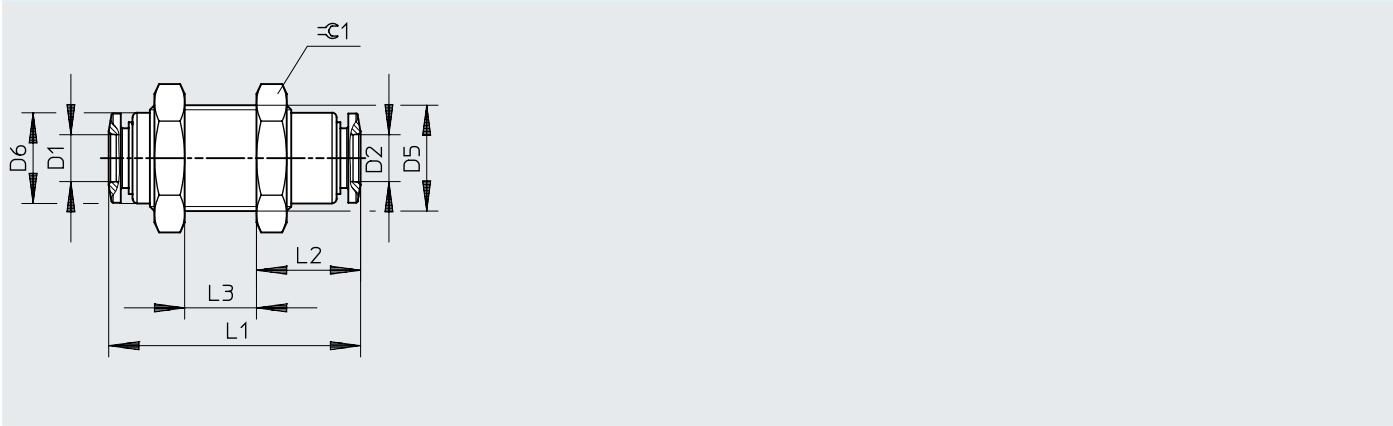
Download CAD data [www.festo.com](http://www.festo.com)



|                    | 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](http://www.festo.com)

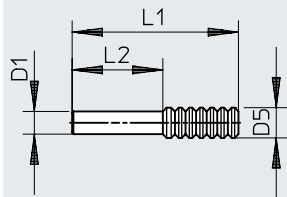


|                  | D1 | D2 | D5      | D6<br>Ø | L1   | L2   | L3   | ± 1 |
|------------------|----|----|---------|---------|------|------|------|-----|
| NPQE-H-Q3-E-P10  | 3  | 3  | M8x0,75 | 5,5     | 22,4 | 8,5  | 7,6  | 10  |
| NPQE-H-Q4-E-P10  | 4  | 4  | M12x1   | 10      | 31,1 | 11,9 | 10,7 | 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

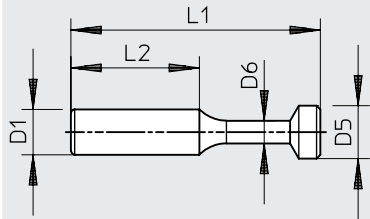
Download CAD data [www.festo.com](http://www.festo.com)



|               | D1   | D5<br>Ø | L1 | L2 |
|---------------|------|---------|----|----|
| NPQE-P-S3-P10 | QS-3 | 4       | 22 | 12 |

Dimensions

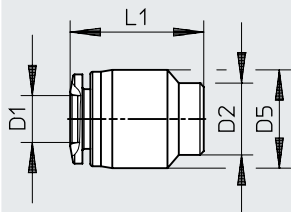
Dimensions – Blanking plug NPQE-P Download CAD data [www.festo.com](http://www.festo.com)



|                | D1    | D5<br>ø | D6<br>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

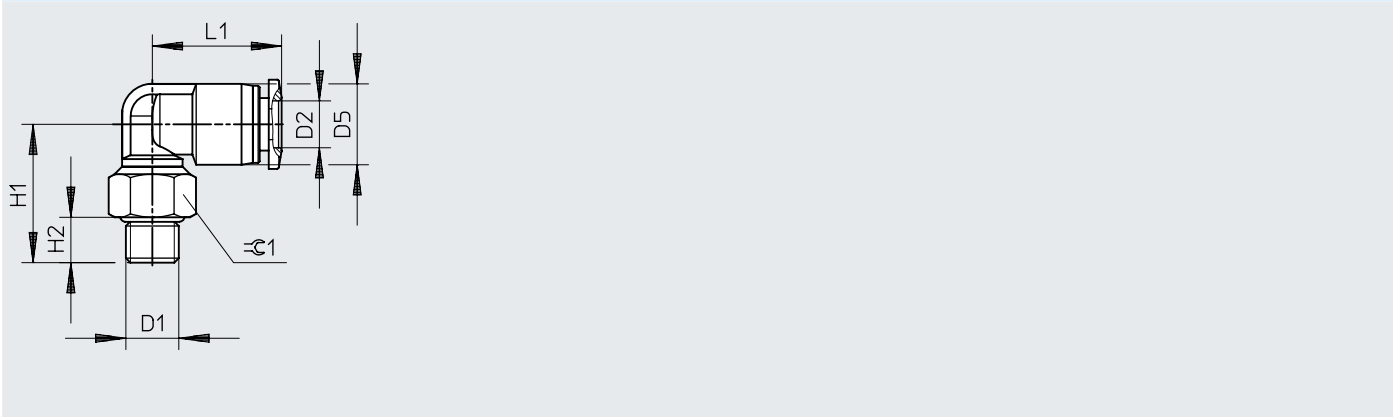
### Dimensions – Plug-in cap NPQE-P

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


|                | D1 | D2<br>ø | D5<br>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 |

Dimensions

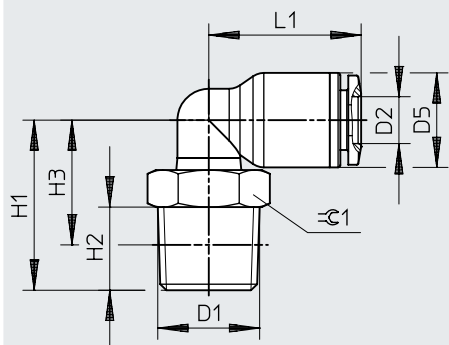
Dimensions – Push-in L-fitting NPQE-L, M thread [Download CAD data](#) [www.festo.com](http://www.festo.com)



|                  | D1 | D2 | D5<br>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

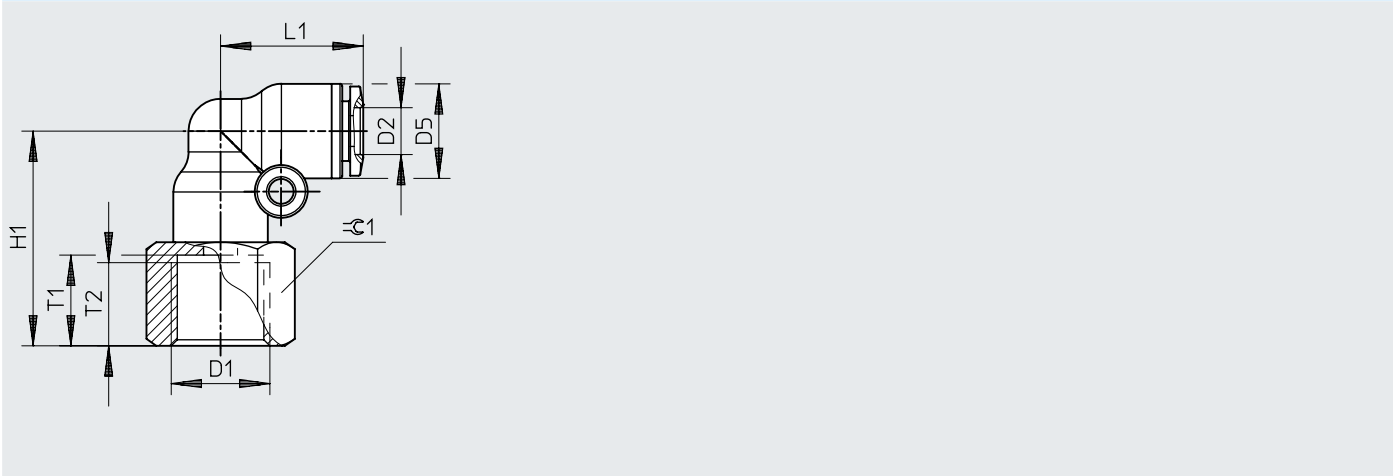
Dimensions – Push-in L-fitting NPQE-L, R thread

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

|                    | D1   | D2 | D5<br>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  |      | 16 | 25      | 35,7 | 12,5 | 29,3 | 33,5 | 20 |
| NPQE-L-R12-Q6-P5   | R1/2 | 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](http://www.festo.com)

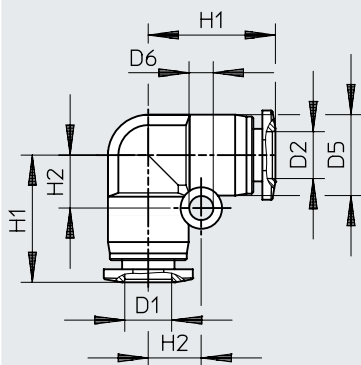


|                     | D1   | D2 | D5<br>ø | H1   | L1   | T1 | T2  | ≈ 1 |
|---------------------|------|----|---------|------|------|----|-----|-----|
| NPQE-L-M5F-Q4-P10   | M5   | 4  | 10,5    | 18,5 | 17,5 | 6  | 5,5 | 10  |
| NPQE-L-G18F-Q4-P10  | G1/8 | 4  | 10,5    | 24   | 17,5 | 9  | 8   | 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](http://www.festo.com)

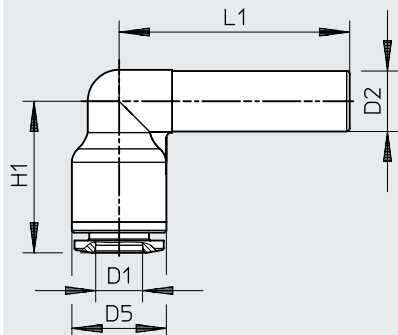


|                  | D1 | D2 | D5<br>ø | D6<br>ø | H1   | H2   |
|------------------|----|----|---------|---------|------|------|
| NPQE-L-Q3-E-P10  | 3  | 3  | 6,2     | 3,2     | 11,6 | 4,7  |
| NPQE-L-Q4-E-P10  | 4  | 4  | 8,1     | 3,2     | 15,1 | 6    |
| NPQE-L-Q6-E-P10  | 6  | 6  | 10,7    | 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

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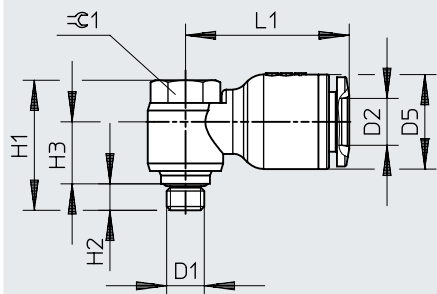


|                    | D1 | D2    | D5<br>ø | H1   | L1   |
|--------------------|----|-------|---------|------|------|
| NPQE-L-Q3-S3-P10   | 3  | QS-3  | 6,2     | 11,3 | 22,5 |
| NPQE-L-Q3-S4-P10   |    | QS-4  | 6,2     | 11,3 | 25   |
| NPQE-L-Q4-S4-P10   | 4  | QS-4  | 8,1     | 14,9 | 25   |
| 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

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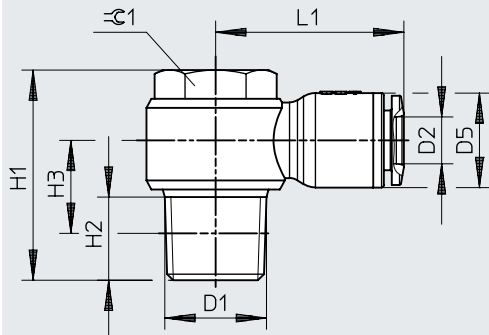


|                   | D1 | D2 | D5<br>Ø | H1   | H2  | H3  | L1   | ≅ 1 |
|-------------------|----|----|---------|------|-----|-----|------|-----|
| NPQE-LH-M5-Q4-P10 | M5 | 4  | 10,5    | 17,2 | 3,5 | 7,2 | 20   | 8   |
| NPQE-LH-M5-Q6-P10 | M5 | 6  | 12,5    | 17,2 | 3,5 | 8,2 | 21,9 | 8   |

## Dimensions

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

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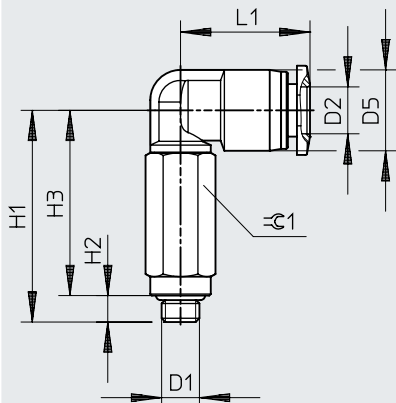


|                     | D1   | D2 | D5<br>ø | H1   | H2 | H3   | L1   | R 1 |
|---------------------|------|----|---------|------|----|------|------|-----|
| NPQE-LH-R18-Q4-P10  | R1/8 | 4  | 10,5    | 24   | 8  | 11,5 | 22,3 | 10  |
| NPQE-LH-R18-Q6-P10  |      | 6  | 12,5    | 24   | 8  | 11,5 | 22,9 | 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

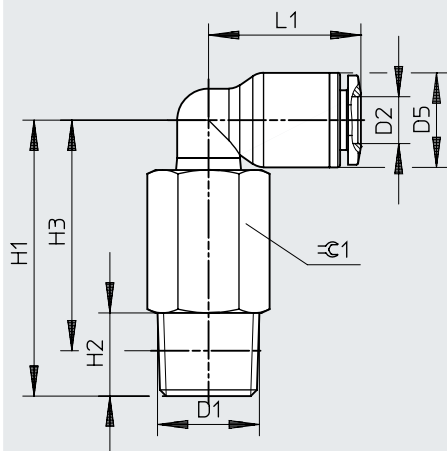
Download CAD data [www.festo.com](http://www.festo.com)



|                   | D1 | D2 | D5<br>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

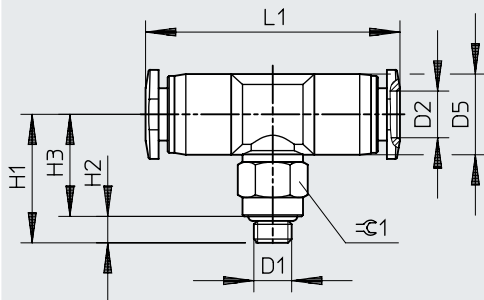
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|                     | D1   | D2 | D5<br>ø | H1   | H2   | H3   | L1   | ≅ 1 |
|---------------------|------|----|---------|------|------|------|------|-----|
| NPQE-LL-R18-Q4-P10  | R1/8 | 4  | 10,5    | 33   | 8    | 29   | 18,8 | 10  |
| NPQE-LL-R18-Q6-P10  |      | 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](http://www.festo.com)

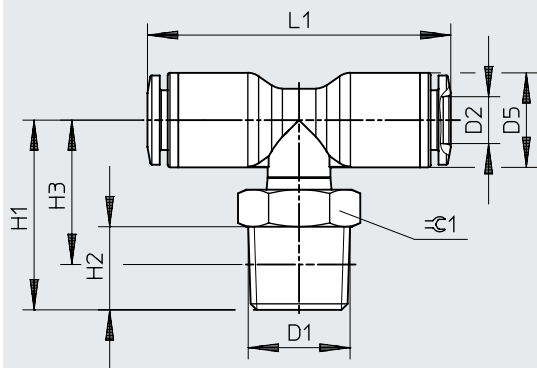


|                  | D1 | D2 | D5<br>ø | H1   | H2  | H3   | L1   | ☞ 1 |
|------------------|----|----|---------|------|-----|------|------|-----|
| NPQE-T-M3-Q4-P10 | M3 | 4  | 8,1     | 15,3 | 3   | 12,3 | 30,2 | 8   |
| NPQE-T-M5-Q4-P10 | M5 | 4  | 8,1     | 15,8 | 3,5 | 12,3 | 30,2 | 8   |
| NPQE-T-M5-Q6-P10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

## Dimensions

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

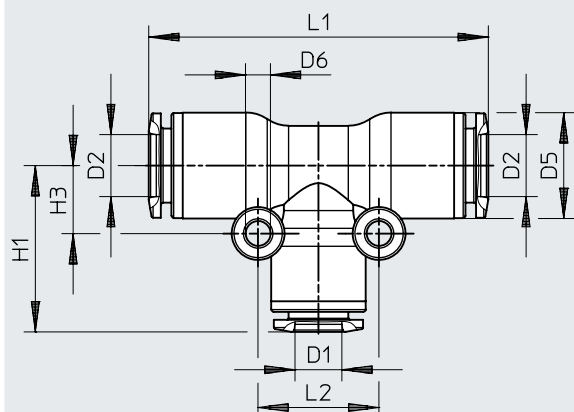
Download CAD data [www.festo.com](http://www.festo.com)



|                    | D1   | D2 | D5<br>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

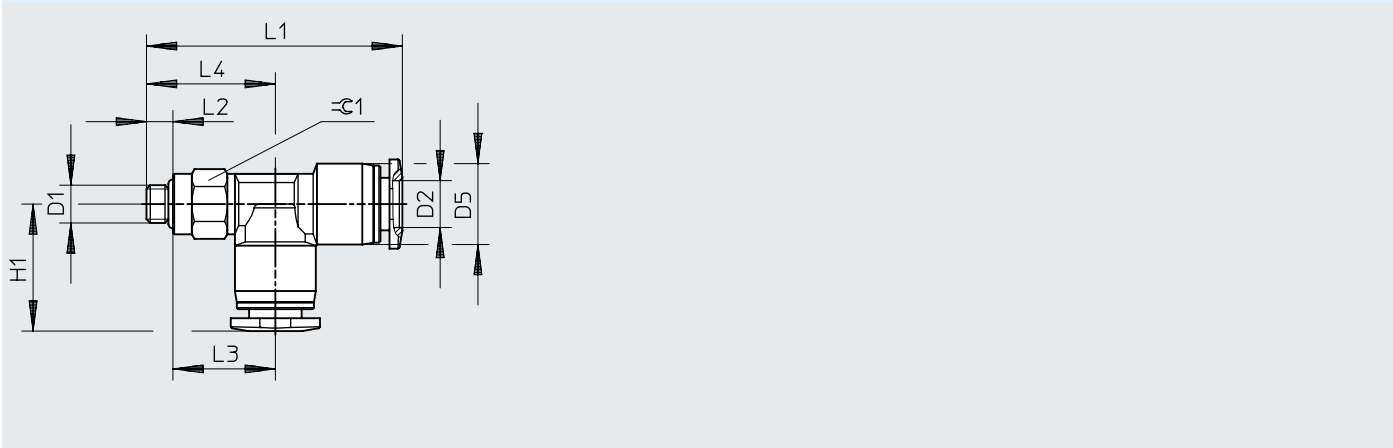
**Dimensions – Push-in T-connector NPQE-T**

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


|                    | D1 | D2 | D5<br>ø | D6<br>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](http://www.festo.com)

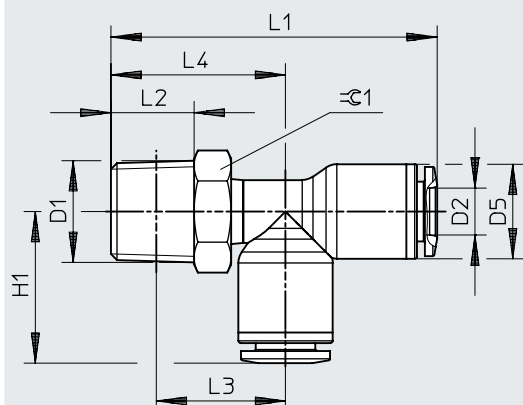


|                   | D1 | D2 | D5<br>ø | H1   | L1   | L2  | L3   | L4   | ≅ 1 |
|-------------------|----|----|---------|------|------|-----|------|------|-----|
| NPQE-LQ-M5-Q4-P10 | M5 | 4  | 8,1     | 15,1 | 30,9 | 3,5 | 12,3 | 15,8 | 8   |
| NPQE-LQ-M5-Q6-P10 |    | 6  | 10,7    | 16,8 | 33,9 |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

## Dimensions

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

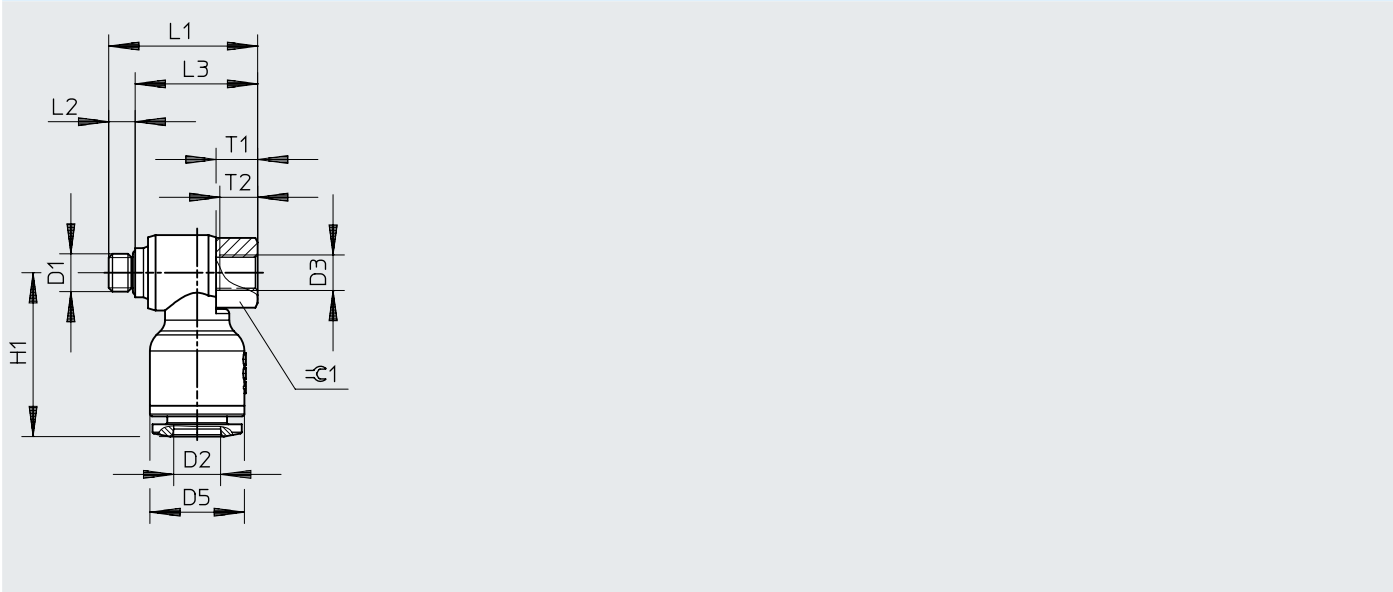
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|                     | D1   | D2 | D5<br>ø | H1   | L1   | L2   | L3   | L4   | ± 1 |
|---------------------|------|----|---------|------|------|------|------|------|-----|
| NPQE-LQ-R18-Q4-P10  | R1/8 | 4  | 10,5    | 18   | 37,6 | 8    | 15,6 | 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

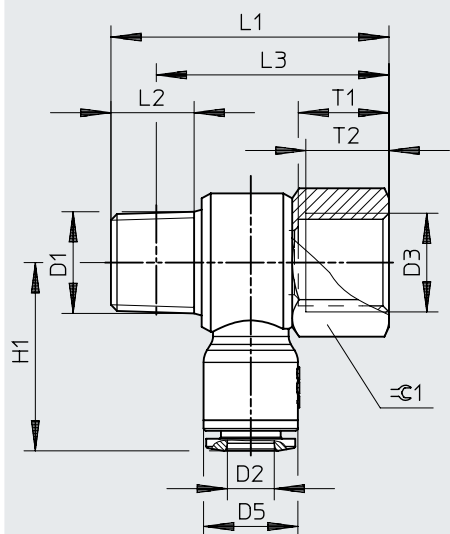
Dimensions – Push-in T-fitting NPQE-LT, M thread Download CAD data [www.festo.com](http://www.festo.com)



|                   | D1 | D2 | D3 | D5<br>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**

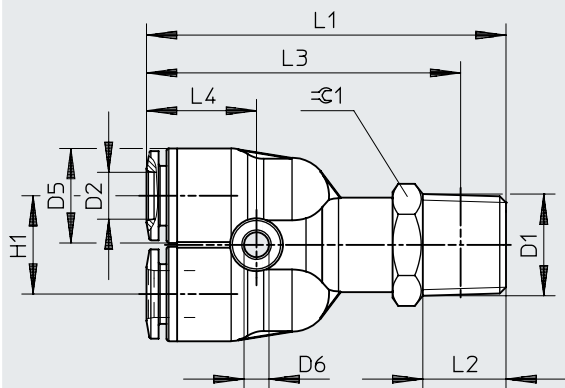
 Download CAD data [www.festo.com](http://www.festo.com)


|                     | D1   | D2 | D3   | D5<br>Ø | H1   | L1   | L2 | L3   | T1 | T2 | ≅ 1 |
|---------------------|------|----|------|---------|------|------|----|------|----|----|-----|
| 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

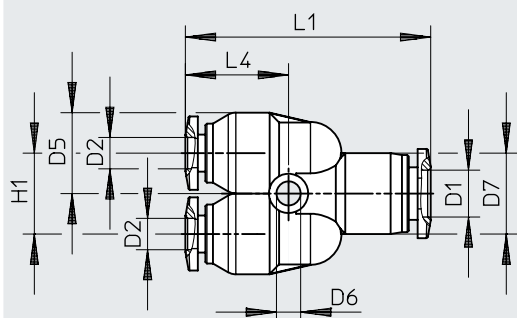
Download CAD data [www.festo.com](http://www.festo.com)



|                    | D1   | D2 | D5<br>ø | D6<br>ø | H1 | L1   | L2   | L3   | L4   | $\pm 1$ |
|--------------------|------|----|---------|---------|----|------|------|------|------|---------|
| 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

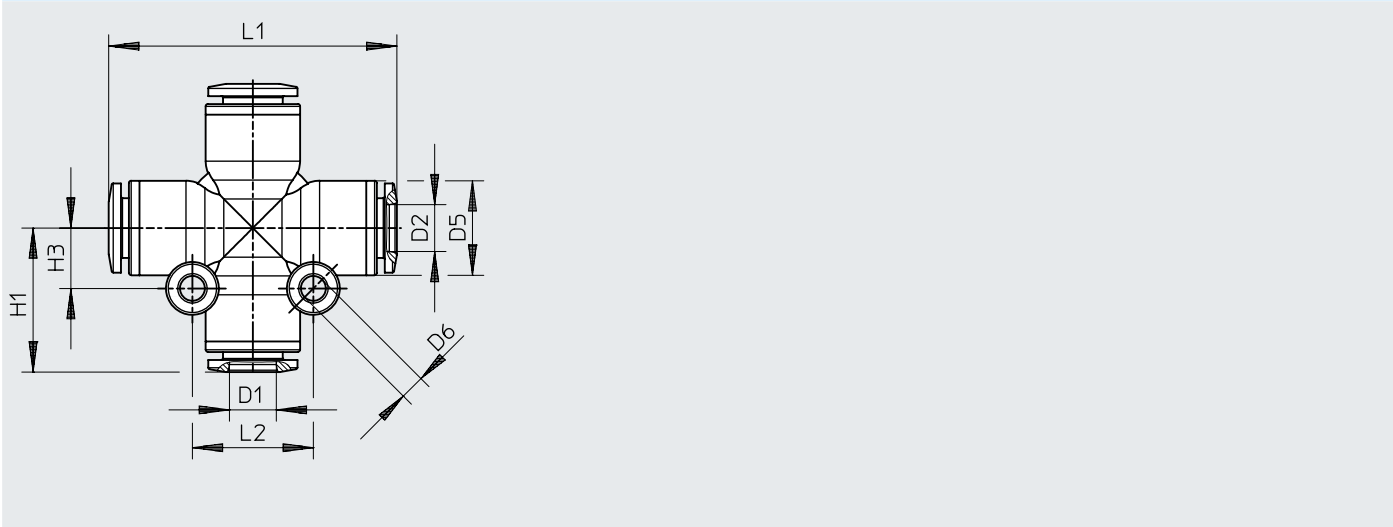
Dimensions – Push-in Y-connector NPQE-Y

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|                    | D1 | D2 | D5<br>ø | D6<br>ø | D7<br>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

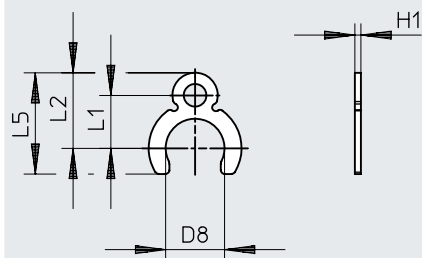
Dimensions – Push-in X connector NPQE-X Download CAD data [www.festo.com](http://www.festo.com)



|                  | D1 | D2 | D5<br>ø | D6<br>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

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|                   | D8<br>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 |                              |          |                     |
|  |          | 6 mm         | For tubing outside diameter of 8 mm  | Male thread G1/4             | 8112976  | NPQE-DK-G14-Q8-P10  |
|  |          |              |                                      |                              |          |                     |
|  |          | 7 mm         | For tubing outside diameter of 10 mm |                              | 8112977  | NPQE-DK-G14-Q10-P10 |
|  |          |              | For tubing outer diameter of 12 mm   |                              |          |                     |
|  |          |              |                                      |                              | 8112978  | NPQE-DK-G14-Q12-P10 |
|  |          |              |                                      |                              |          |                     |

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 |                              |          |                  |
|  |      | 2.3 mm       | For tubing outside diameter of 4 mm |                              | 8112909  | NPQE-D-M5-Q4-P10 |
|  |      |              | For tubing outside diameter of 6 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             | <b>8112913</b> | <b>NPQE-D-R18-Q4-P10</b>  |
|                                                                                   |          | 3.5 mm       | For tubing outside diameter of 4 mm  | Male thread M7               | <b>8112912</b> | <b>NPQE-D-M7-Q6-P10</b>   |
|                                                                                   |          | 4 mm         | For tubing outside diameter of 6 mm  | Male thread R1/8             | <b>8112914</b> | <b>NPQE-D-R18-Q6-P10</b>  |
|                                                                                   | Standard | 3 mm         | For tubing outside diameter of 4 mm  | Male thread R1/4             | <b>8112918</b> | <b>NPQE-D-R14-Q4-P10</b>  |
|                                                                                   |          | 4 mm         | For tubing outside diameter of 6 mm  |                              | <b>8112919</b> | <b>NPQE-D-R14-Q6-P10</b>  |
|                                                                                   |          |              |                                      | Male thread R3/8             | <b>8112923</b> | <b>NPQE-D-R38-Q6-P5</b>   |
|                                                                                   |          |              |                                      | Male thread R1/2             | <b>8112929</b> | <b>NPQE-D-R12-Q6-P5</b>   |
|                                                                                   |          | 5 mm         | For tubing outside diameter of 8 mm  | Male thread R1/8             | <b>8112915</b> | <b>NPQE-D-R18-Q8-P10</b>  |
|                                                                                   |          |              | For tubing outside diameter of 10 mm |                              | <b>8112916</b> | <b>NPQE-D-R18-Q10-P10</b> |
|                                                                                   |          |              | For tubing outer diameter of 12 mm   |                              | <b>8112917</b> | <b>NPQE-D-R18-Q12-P10</b> |
|                                                                                   |          | 6 mm         | For tubing outside diameter of 8 mm  | Male thread R1/4             | <b>8112920</b> | <b>NPQE-D-R14-Q8-P10</b>  |
|                                                                                   |          |              |                                      | Male thread R3/8             | <b>8112924</b> | <b>NPQE-D-R38-Q8-P5</b>   |
|                                                                                   |          |              |                                      | Male thread R1/2             | <b>8112930</b> | <b>NPQE-D-R12-Q8-P5</b>   |
|                                                                                   |          |              | For tubing outside diameter of 10 mm | Male thread R1/4             | <b>8112921</b> | <b>NPQE-D-R14-Q10-P10</b> |
|                                                                                   |          |              | For tubing outer diameter of 12 mm   |                              | <b>8112922</b> | <b>NPQE-D-R14-Q12-P10</b> |
|                                                                                   |          | 8 mm         | For tubing outside diameter of 10 mm | Male thread R3/8             | <b>8112925</b> | <b>NPQE-D-R38-Q10-P5</b>  |
|                                                                                   |          |              |                                      | Male thread R1/2             | <b>8112931</b> | <b>NPQE-D-R12-Q10-P5</b>  |
|                                                                                   |          |              | For tubing outer diameter of 12 mm   | Male thread R3/8             | <b>8112926</b> | <b>NPQE-D-R38-Q12-P5</b>  |
|                                                                                   |          |              |                                      | Male thread R1/2             | <b>8112932</b> | <b>NPQE-D-R12-Q12-P5</b>  |
|                                                                                   |          |              | For tubing outside diameter of 14 mm | Male thread R3/8             | <b>8112927</b> | <b>NPQE-D-R38-Q14-P5</b>  |
|                                                                                   |          |              | For tubing outside diameter of 16 mm |                              | <b>8112928</b> | <b>NPQE-D-R38-Q16-P5</b>  |
|                                                                                   |          | 10 mm        | For tubing outside diameter of 14 mm | Male thread R1/2             | <b>8112933</b> | <b>NPQE-D-R12-Q14-P5</b>  |
|                                                                                   |          |              | For tubing outside diameter of 16 mm |                              | <b>8112934</b> | <b>NPQE-D-R12-Q16-P5</b>  |

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             | <b>8112984</b> | <b>NPQE-D-M5F-Q3-P10</b>  |
|                                                                                     |          | 2.5 mm       | For tubing outside diameter of 4 mm |                              | <b>8112985</b> | <b>NPQE-D-M5F-Q4-P10</b>  |
|                                                                                     | Standard |              |                                     | Female thread G1/8           | <b>8112986</b> | <b>NPQE-D-G18F-Q4-P10</b> |
|                                                                                     |          |              |                                     | Female thread G1/4           | <b>8112990</b> | <b>NPQE-D-G14F-Q4-P10</b> |

## 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           | <b>8112987</b> | <b>NPQE-D-G18F-Q6-P10</b>  |
|  |          |              |                                      | Female thread G1/4           | <b>8112991</b> | <b>NPQE-D-G14F-Q6-P10</b>  |
|  |          |              |                                      | Female thread G3/8           | <b>8112995</b> | <b>NPQE-D-G38F-Q6-P5</b>   |
|  |          | 6 mm         | For tubing outside diameter of 8 mm  | Female thread G1/8           | <b>8112988</b> | <b>NPQE-D-G18F-Q8-P10</b>  |
|  |          |              |                                      | Female thread G1/4           | <b>8112992</b> | <b>NPQE-D-G14F-Q8-P10</b>  |
|  |          |              |                                      | Female thread G3/8           | <b>8112996</b> | <b>NPQE-D-G38F-Q8-P5</b>   |
|  |          | 8 mm         | For tubing outside diameter of 10 mm | Female thread G1/8           | <b>8112989</b> | <b>NPQE-D-G18F-Q10-P10</b> |
|  |          |              |                                      | Female thread G1/4           | <b>8112993</b> | <b>NPQE-D-G14F-Q10-P10</b> |
|  |          |              |                                      | Female thread G3/8           | <b>8112997</b> | <b>NPQE-D-G38F-Q10-P5</b>  |
|  |          | 10 mm        | For tubing outer diameter of 12 mm   | Female thread G1/4           | <b>8112994</b> | <b>NPQE-D-G14F-Q12-P10</b> |
|  |          |              |                                      | Female thread G3/8           | <b>8112998</b> | <b>NPQE-D-G38F-Q12-P5</b>  |
|  |          |              |                                      | Female thread G1/2           | <b>8112999</b> | <b>NPQE-D-G12F-Q12-P5</b>  |
|  |          | 14 mm        | For tubing outside diameter of 16 mm |                              | <b>8113000</b> | <b>NPQE-D-G12F-Q16-P5</b>  |

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 | <b>8113103</b> | <b>NPQE-D-Q3-E-P10</b>  |
|  |          | 2.3 mm       | For tubing outside diameter of 4 mm  | For tubing outer diameter of 4 mm   | <b>8113105</b> | <b>NPQE-D-Q4-E-P10</b>  |
|  |          | 4 mm         | For tubing outside diameter of 6 mm  | For tubing outside diameter of 6 mm | <b>8113107</b> | <b>NPQE-D-Q6-E-P10</b>  |
|  | Standard | 7.1 mm       | For tubing outside diameter of 8 mm  | For tubing outer diameter of 8 mm   | <b>8113110</b> | <b>NPQE-D-Q8-E-P10</b>  |
|  |          | 9.3 mm       | For tubing outside diameter of 10 mm | For tubing outer diameter of 10 mm  | <b>8113113</b> | <b>NPQE-D-Q10-E-P10</b> |
|  |          | 10 mm        | For tubing outer diameter of 12 mm   | For tubing outer diameter of 12 mm  | <b>8113116</b> | <b>NPQE-D-Q12-E-P10</b> |
|  |          | 13 mm        | For tubing outside diameter of 14 mm | For tubing outer diameter of 14 mm  | <b>8113119</b> | <b>NPQE-D-Q14-E-P5</b>  |
|  |          |              | For tubing outside diameter of 16 mm | For tubing outer diameter of 16 mm  | <b>8113120</b> | <b>NPQE-D-Q16-E-P5</b>  |

## 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   | <b>8113104</b> | <b>NPQE-D-Q4-Q3-P10</b>   |
|                                                                                   |          |              | For tubing outside diameter of 4 mm  | For tubing outside diameter of 6 mm | <b>8113106</b> | <b>NPQE-D-Q6-Q4-P10</b>   |
|                                                                                   | Standard | 3.5 mm       | For tubing outside diameter of 6 mm  | For tubing outer diameter of 8 mm   | <b>8113108</b> | <b>NPQE-D-Q8-Q4-P10</b>   |
|                                                                                   |          | 5.3 mm       |                                      | For tubing outer diameter of 10 mm  | <b>8113109</b> | <b>NPQE-D-Q8-Q6-P10</b>   |
|                                                                                   |          | 7.1 mm       | For tubing outside diameter of 8 mm  | For tubing outer diameter of 12 mm  | <b>8113111</b> | <b>NPQE-D-Q10-Q6-P10</b>  |
|                                                                                   |          |              |                                      | For tubing outer diameter of 14 mm  | <b>8113112</b> | <b>NPQE-D-Q10-Q8-P10</b>  |
|                                                                                   |          | 9.3 mm       | For tubing outside diameter of 10 mm | For tubing outer diameter of 12 mm  | <b>8113114</b> | <b>NPQE-D-Q12-Q8-P10</b>  |
|                                                                                   |          |              |                                      | For tubing outer diameter of 14 mm  | <b>8113115</b> | <b>NPQE-D-Q12-Q10-P10</b> |
|                                                                                   |          | 10 mm        | For tubing outer diameter of 12 mm   | For tubing outer diameter of 14 mm  | <b>8113117</b> | <b>NPQE-D-Q14-Q10-P5</b>  |
|                                                                                   |          |              |                                      | For tubing outer diameter of 16 mm  | <b>8113118</b> | <b>NPQE-D-Q14-Q12-P5</b>  |

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 | <b>8113183</b> | <b>NPQE-D-Q3-S4-P10</b>   |
|                                                                                     | Standard | 3.5 mm       | Push-in sleeve Ø 6 mm        | For tubing outer diameter of 4 mm   | <b>8113184</b> | <b>NPQE-D-Q4-S6-P10</b>   |
|                                                                                     |          |              | Push-in sleeve Ø 8 mm        |                                     | <b>8113185</b> | <b>NPQE-D-Q4-S8-P10</b>   |
|                                                                                     |          | 4.6 mm       | Push-in sleeve Ø 12 mm       | For tubing outside diameter of 6 mm | <b>8113189</b> | <b>NPQE-D-Q6-S12-P10</b>  |
|                                                                                     |          | 5 mm         | Push-in sleeve Ø 8 mm        |                                     | <b>8113186</b> | <b>NPQE-D-Q6-S8-P10</b>   |
|                                                                                     |          | 5.5 mm       | Push-in sleeve Ø 10 mm       |                                     | <b>8113187</b> | <b>NPQE-D-Q6-S10-P10</b>  |
|                                                                                     |          | 7 mm         | Push-in sleeve Ø 12 mm       | For tubing outer diameter of 8 mm   | <b>8113188</b> | <b>NPQE-D-Q8-S10-P10</b>  |
|                                                                                     |          | 7.5 mm       |                              | For tubing outer diameter of 10 mm  | <b>8113190</b> | <b>NPQE-D-Q8-S12-P10</b>  |
|                                                                                     |          | 8.5 mm       |                              |                                     | <b>8113191</b> | <b>NPQE-D-Q10-S12-P10</b> |

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        | <b>8113210</b> | <b>NPQE-D-S4-E-P10</b>  |
|                                                                                     |          | 4 mm         | Push-in sleeve Ø 6 mm        | Push-in sleeve Ø 6 mm        | <b>8113212</b> | <b>NPQE-D-S6-E-P10</b>  |
|                                                                                     |          | 6 mm         | Push-in sleeve Ø 8 mm        | Push-in sleeve Ø 8 mm        | <b>8113214</b> | <b>NPQE-D-S8-E-P10</b>  |
|                                                                                     |          | 7.5 mm       | Push-in sleeve Ø 10 mm       | Push-in sleeve Ø 10 mm       | <b>8113216</b> | <b>NPQE-D-S10-E-P10</b> |
|                                                                                     |          | 9 mm         | Push-in sleeve Ø 12 mm       | Push-in sleeve Ø 12 mm       | <b>8113219</b> | <b>NPQE-D-S12-E-P10</b> |
|                                                                                     |          | 13 mm        | Push-in sleeve Ø 16 mm       | Push-in sleeve Ø 16 mm       | <b>8113221</b> | <b>NPQE-D-S16-E-P5</b>  |

## 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 6 mm  | Male thread M7               | 8112940  | NPQE-L-M7-Q4-P10   |
|                                                                                   |          |              |                                      | 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             | <b>8113001</b> | <b>NPQE-L-M5F-Q4-P10</b>   |
|  |          | 4.5 mm       | For tubing outside diameter of 6 mm  | Female thread G1/8           | <b>8113002</b> | <b>NPQE-L-G18F-Q4-P10</b>  |
|  |          |              |                                      | Female thread G1/4           | <b>8113003</b> | <b>NPQE-L-G18F-Q6-P10</b>  |
|  |          | 6 mm         | For tubing outside diameter of 8 mm  | Female thread G1/8           | <b>8113006</b> | <b>NPQE-L-G14F-Q6-P10</b>  |
|  |          |              |                                      | Female thread G1/4           | <b>8113004</b> | <b>NPQE-L-G18F-Q8-P10</b>  |
|  |          |              |                                      | Female thread G3/8           | <b>8113007</b> | <b>NPQE-L-G14F-Q8-P10</b>  |
|  |          | 8 mm         | For tubing outside diameter of 10 mm | Female thread G1/8           | <b>8113009</b> | <b>NPQE-L-G38F-Q8-P5</b>   |
|  |          |              |                                      | Female thread G3/8           | <b>8113005</b> | <b>NPQE-L-G18F-Q10-P10</b> |
|  |          | 8.5 mm       |                                      | Female thread G1/4           | <b>8113010</b> | <b>NPQE-L-G38F-Q10-P5</b>  |
|  |          |              |                                      |                              | <b>8113008</b> | <b>NPQE-L-G14F-Q10-P10</b> |

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 | <b>8113127</b> | <b>NPQE-L-Q3-E-P10</b>  |
|  |          | 2.3 mm       | For tubing outside diameter of 4 mm  | For tubing outer diameter of 4 mm   | <b>8113128</b> | <b>NPQE-L-Q4-E-P10</b>  |
|  |          | 4 mm         | For tubing outside diameter of 6 mm  | For tubing outside diameter of 6 mm | <b>8113129</b> | <b>NPQE-L-Q6-E-P10</b>  |
|  | Standard | 7.1 mm       | For tubing outside diameter of 8 mm  | For tubing outer diameter of 8 mm   | <b>8113130</b> | <b>NPQE-L-Q8-E-P10</b>  |
|  |          | 9.3 mm       | For tubing outside diameter of 10 mm | For tubing outer diameter of 10 mm  | <b>8113131</b> | <b>NPQE-L-Q10-E-P10</b> |
|  |          | 10 mm        | For tubing outer diameter of 12 mm   | For tubing outer diameter of 12 mm  | <b>8113132</b> | <b>NPQE-L-Q12-E-P10</b> |
|  |          | 13 mm        | For tubing outside diameter of 14 mm | For tubing outer diameter of 14 mm  | <b>8113133</b> | <b>NPQE-L-Q14-E-P5</b>  |
|  |          | 14.3 mm      | For tubing outside diameter of 16 mm | For tubing outer diameter of 16 mm  | <b>8113134</b> | <b>NPQE-L-Q16-E-P5</b>  |

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 | <b>8113192</b> | <b>NPQE-L-Q3-S3-P10</b> |

## 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        |                                     | 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 |
|                                                                                    |          |              |                                      |                              | 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 outer diameter of 16 mm |                              | 8113047  | NPQE-LH-R12-Q16-P5 |

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

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   |
|                                                                                  |                  |              | 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             |
|                                                                                  | 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 |
|                                                                                  |                  |              |                                      |                                     | 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 |
|                                                                                  |                  |              |                                      |                                     | 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  |
|                                                                                  |                  |              |                                      |                                     | 8113028          | NPQE-LL-R38-Q12-P5  |
|                                                                                  | 9.5 mm           |              | For tubing outer diameter of 12 mm   | Male thread R1/2                    | 8113029          | NPQE-LL-R12-Q12-P5  |
|                                                                                  |                  |              |                                      |                                     |                  |                     |

## 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 outer diameter of 4 mm | Male thread M3               | 8113048  | NPQE-T-M3-Q4-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               |
|-----------------------------------------------------------------------------------|----------|--------------|--------------------------------------|------------------------------|----------|--------------------|
|  | Mini     | 2.2 mm       | For tubing outside diameter of 4 mm  | Male thread M5               | 8113049  | NPQE-T-M5-Q4-P10   |
|                                                                                   |          |              | For tubing outside diameter of 6 mm  |                              | 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  |
|                                                                                   |          |              |                                      | 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        | For tubing outer diameter of 12 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 | <b>8113136</b> | <b>NPQE-T-Q3-Q4-P10</b>   |
|                                                                                  |          | 2.3 mm       | For tubing outside diameter of 6 mm  | For tubing outer diameter of 4 mm   | <b>8113139</b> | <b>NPQE-T-Q4-Q6-P10</b>   |
|                                                                                  | Standard | 3.5 mm       | For tubing outside diameter of 8 mm  | For tubing outside diameter of 6 mm | <b>8113142</b> | <b>NPQE-T-Q4-Q8-P10</b>   |
|                                                                                  |          | 5.3 mm       |                                      |                                     | <b>8113143</b> | <b>NPQE-T-Q6-Q8-P10</b>   |
|                                                                                  |          |              | For tubing outside diameter of 10 mm | For tubing outer diameter of 8 mm   | <b>8113146</b> | <b>NPQE-T-Q6-Q10-P10</b>  |
|                                                                                  |          | 7.1 mm       |                                      |                                     | <b>8113147</b> | <b>NPQE-T-Q8-Q10-P10</b>  |
|                                                                                  |          |              | For tubing outer diameter of 12 mm   | For tubing outer diameter of 10 mm  | <b>8113150</b> | <b>NPQE-T-Q8-Q12-P10</b>  |
|                                                                                  |          | 9.3 mm       |                                      |                                     | <b>8113151</b> | <b>NPQE-T-Q10-Q12-P10</b> |
|                                                                                  |          | 10 mm        | For tubing outside diameter of 16 mm | For tubing outer diameter of 12 mm  | <b>8113153</b> | <b>NPQE-T-Q12-Q16-P5</b>  |

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 | <b>8113138</b> | <b>NPQE-T-Q6-Q4-P10</b>   |
|                                                                                    | Standard | 5.3 mm       | For tubing outside diameter of 6 mm  | For tubing outer diameter of 8 mm   | <b>8113141</b> | <b>NPQE-T-Q8-Q6-P10</b>   |
|                                                                                    |          | 7.1 mm       | For tubing outside diameter of 8 mm  | For tubing outer diameter of 10 mm  | <b>8113145</b> | <b>NPQE-T-Q10-Q8-P10</b>  |
|                                                                                    |          | 9.3 mm       | For tubing outside diameter of 10 mm | For tubing outer diameter of 12 mm  | <b>8113149</b> | <b>NPQE-T-Q12-Q10-P10</b> |

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               | <b>8113067</b> | <b>NPQE-LQ-M5-Q4-P10</b>   |
|                                                                                    |          |              | For tubing outside diameter of 6 mm  |                              | <b>8113068</b> | <b>NPQE-LQ-M5-Q6-P10</b>   |
|                                                                                    | Standard | 3.4 mm       | For tubing outside diameter of 4 mm  | Male thread R1/8             | <b>8113069</b> | <b>NPQE-LQ-R18-Q4-P10</b>  |
|                                                                                    |          |              |                                      | Male thread R1/4             | <b>8113074</b> | <b>NPQE-LQ-R14-Q4-P10</b>  |
|                                                                                    |          | 4 mm         | For tubing outside diameter of 6 mm  | Male thread R1/8             | <b>8113070</b> | <b>NPQE-LQ-R18-Q6-P10</b>  |
|                                                                                    |          |              |                                      | Male thread R1/4             | <b>8113075</b> | <b>NPQE-LQ-R14-Q6-P10</b>  |
|                                                                                    |          | 6 mm         | For tubing outside diameter of 8 mm  | Male thread R1/8             | <b>8113071</b> | <b>NPQE-LQ-R18-Q8-P10</b>  |
|                                                                                    |          |              |                                      | Male thread R1/4             | <b>8113076</b> | <b>NPQE-LQ-R14-Q8-P10</b>  |
|                                                                                    |          | 6.5 mm       | For tubing outside diameter of 10 mm | Male thread R1/8             | <b>8113072</b> | <b>NPQE-LQ-R18-Q10-P10</b> |

## 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             | <b>8113073</b> | <b>NPQE-LQ-R18-Q12-P10</b> |
|                                                                                   |          | 8.5 mm       | For tubing outside diameter of 10 mm | Male thread R1/4             | <b>8113077</b> | <b>NPQE-LQ-R14-Q10-P10</b> |
|                                                                                   |          |              | For tubing outer diameter of 12 mm   |                              | <b>8113078</b> | <b>NPQE-LQ-R14-Q12-P10</b> |

| 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               | <b>8113090</b> | <b>NPQE-LT-M5-Q4-P10</b>   |
|                                                                                   |          |              | For tubing outside diameter of 6 mm  |                              | <b>8113091</b> | <b>NPQE-LT-M5-Q6-P10</b>   |
|                                                                                   |          | 3 mm         | For tubing outside diameter of 4 mm  | Male thread R1/8             | <b>8113092</b> | <b>NPQE-LT-R18-Q4-P10</b>  |
|                                                                                   |          |              | For tubing outside diameter of 6 mm  |                              | <b>8113093</b> | <b>NPQE-LT-R18-Q6-P10</b>  |
|                                                                                   |          | 4 mm         | For tubing outside diameter of 6 mm  | Male thread R1/4             | <b>8113096</b> | <b>NPQE-LT-R14-Q6-P10</b>  |
|                                                                                   |          |              | For tubing outside diameter of 8 mm  | Male thread R1/8             | <b>8113094</b> | <b>NPQE-LT-R18-Q8-P10</b>  |
|                                                                                   |          |              | For tubing outside diameter of 10 mm |                              | <b>8113095</b> | <b>NPQE-LT-R18-Q10-P10</b> |
|                                                                                   |          | 5 mm         | For tubing outside diameter of 8 mm  | Male thread R1/4             | <b>8113097</b> | <b>NPQE-LT-R14-Q8-P10</b>  |
|                                                                                   |          |              | For tubing outside diameter of 10 mm |                              | <b>8113098</b> | <b>NPQE-LT-R14-Q10-P10</b> |
|                                                                                   |          |              | For tubing outer diameter of 12 mm   |                              | <b>8113099</b> | <b>NPQE-LT-R14-Q12-P10</b> |
|                                                                                   |          | 6.5 mm       | For tubing outside diameter of 10 mm | Male thread R3/8             | <b>8113100</b> | <b>NPQE-LT-R38-Q10-P5</b>  |
|                                                                                   |          |              | For tubing outer diameter of 12 mm   |                              | <b>8113101</b> | <b>NPQE-LT-R38-Q12-P5</b>  |
|                                                                                   |          | 8 mm         | For tubing outer diameter of 12 mm   | Male thread R1/2             | <b>8113102</b> | <b>NPQE-LT-R12-Q12-P5</b>  |

| 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             | <b>8113079</b> | <b>NPQE-Y-R18-Q4-P10</b>  |
|                                                                                     |          |              |                                      | Male thread R1/4             | <b>8113083</b> | <b>NPQE-Y-R14-Q4-P10</b>  |
|                                                                                     |          | 4.6 mm       | For tubing outside diameter of 6 mm  | Male thread R1/8             | <b>8113080</b> | <b>NPQE-Y-R18-Q6-P10</b>  |
|                                                                                     |          |              |                                      | Male thread R1/4             | <b>8113084</b> | <b>NPQE-Y-R14-Q6-P10</b>  |
|                                                                                     |          | 5 mm         | For tubing outside diameter of 10 mm | Male thread R1/8             | <b>8113082</b> | <b>NPQE-Y-R18-Q10-P10</b> |

## 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             | <b>8113081</b> | <b>NPQE-Y-R18-Q8-P10</b>  |
|                                                                                  |          |              |                                      | Male thread R1/4             | <b>8113085</b> | <b>NPQE-Y-R14-Q8-P10</b>  |
|                                                                                  |          | 8 mm         | For tubing outside diameter of 10 mm |                              | <b>8113086</b> | <b>NPQE-Y-R14-Q10-P10</b> |
|                                                                                  |          |              |                                      | Male thread R3/8             | <b>8113087</b> | <b>NPQE-Y-R38-Q10-P5</b>  |
|                                                                                  |          | 9 mm         | For tubing outer diameter of 12 mm   |                              | <b>8113088</b> | <b>NPQE-Y-R38-Q12-P5</b>  |
|                                                                                  |          |              |                                      | Male thread R1/2             | <b>8113089</b> | <b>NPQE-Y-R12-Q12-P5</b>  |

## 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 | <b>8113155</b> | <b>NPQE-Y-Q3-E-P10</b>  |
|                                                                                  |          | 2.3 mm       | For tubing outside diameter of 4 mm  | For tubing outer diameter of 4 mm   | <b>8113157</b> | <b>NPQE-Y-Q4-E-P10</b>  |
|                                                                                  |          | 4 mm         | For tubing outside diameter of 6 mm  | For tubing outside diameter of 6 mm | <b>8113159</b> | <b>NPQE-Y-Q6-E-P10</b>  |
|                                                                                  | Standard | 8.2 mm       | For tubing outside diameter of 8 mm  | For tubing outer diameter of 8 mm   | <b>8113162</b> | <b>NPQE-Y-Q8-E-P10</b>  |
|                                                                                  |          |              | For tubing outside diameter of 10 mm | For tubing outer diameter of 10 mm  | <b>8113165</b> | <b>NPQE-Y-Q10-E-P10</b> |
|                                                                                  |          | 12.3 mm      | For tubing outer diameter of 12 mm   | For tubing outer diameter of 12 mm  | <b>8113168</b> | <b>NPQE-Y-Q12-E-P10</b> |
|                                                                                  |          |              | For tubing outside diameter of 16 mm | For tubing outer diameter of 16 mm  | <b>8113170</b> | <b>NPQE-Y-Q16-E-P5</b>  |

## 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   | <b>8113156</b> | <b>NPQE-Y-Q4-Q3-P10</b>  |
|                                                                                    |          | 2.3 mm       | For tubing outside diameter of 4 mm | For tubing outside diameter of 6 mm | <b>8113158</b> | <b>NPQE-Y-Q6-Q4-P10</b>  |
|                                                                                    | Standard | 3 mm         |                                     | For tubing outer diameter of 8 mm   | <b>8113160</b> | <b>NPQE-Y-Q8-Q4-P10</b>  |
|                                                                                    |          | 4.6 mm       | For tubing outside diameter of 6 mm | For tubing outer diameter of 10 mm  | <b>8113163</b> | <b>NPQE-Y-Q10-Q6-P10</b> |
|                                                                                    |          | 6 mm         | For tubing outside diameter of 8 mm | For tubing outer diameter of 12 mm  | <b>8113166</b> | <b>NPQE-Y-Q12-Q8-P10</b> |
|                                                                                    |          | 6.2 mm       | For tubing outside diameter of 6 mm | For tubing outer diameter of 8 mm   | <b>8113161</b> | <b>NPQE-Y-Q8-Q6-P10</b>  |
|                                                                                    |          | 8.2 mm       | For tubing outside diameter of 8 mm | For tubing outer diameter of 10 mm  | <b>8113164</b> | <b>NPQE-Y-Q10-Q8-P10</b> |
|                                                                                    |          |              |                                     |                                     |                |                          |

## 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 | <b>8113167</b> | <b>NPQE-Y-Q12-Q10-P10</b> |
|                                                                                   |          | 12.3 mm      | For tubing outer diameter of 12 mm   | For tubing outer diameter of 16 mm | <b>8113169</b> | <b>NPQE-Y-Q16-Q12-P5</b>  |

| 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 | <b>8113177</b> | <b>NPQE-X-Q3-E-P10</b>  |
|                                                                                   | Standard | 3.5 mm       | For tubing outside diameter of 4 mm  | For tubing outer diameter of 4 mm   | <b>8113178</b> | <b>NPQE-X-Q4-E-P10</b>  |
|                                                                                   |          | 5 mm         | For tubing outside diameter of 6 mm  | For tubing outside diameter of 6 mm | <b>8113179</b> | <b>NPQE-X-Q6-E-P10</b>  |
|                                                                                   |          | 7 mm         | For tubing outside diameter of 8 mm  | For tubing outer diameter of 8 mm   | <b>8113180</b> | <b>NPQE-X-Q8-E-P10</b>  |
|                                                                                   |          | 9.3 mm       | For tubing outside diameter of 10 mm | For tubing outer diameter of 10 mm  | <b>8113181</b> | <b>NPQE-X-Q10-E-P10</b> |
|                                                                                   |          | 10 mm        | For tubing outer diameter of 12 mm   | For tubing outer diameter of 12 mm  | <b>8113182</b> | <b>NPQE-X-Q12-E-P10</b> |

## 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         | <b>8113228</b> | <b>NPAP-QE-S-Q4-P10</b>  |
|                                                                                  | For tubing O.D. 6 mm                 |                        |              | 0.07 g         | <b>8113229</b> | <b>NPAP-QE-S-Q6-P10</b>  |
|                                                                                  | For tubing O.D. 8 mm                 |                        |              | 0.11 g         | <b>8113230</b> | <b>NPAP-QE-S-Q8-P10</b>  |
|                                                                                  | For tubing outside diameter of 10 mm |                        |              | 0.23 g         | <b>8113231</b> | <b>NPAP-QE-S-Q10-P10</b> |
|                                                                                  | For tubing O.D. 12 mm                |                        |              | 0.28 g         | <b>8113232</b> | <b>NPAP-QE-S-Q12-P10</b> |
|                                                                                  | For tubing O.D. 16 mm                |                        |              | 0.39 g         | <b>8113233</b> | <b>NPAP-QE-S-Q16-P10</b> |