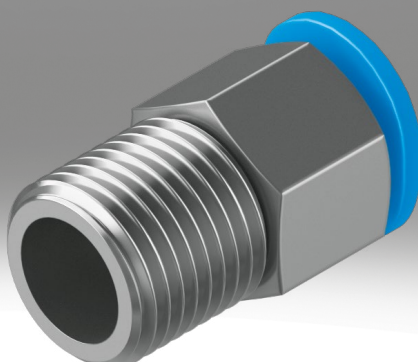


**Push-in fitting, mini series QSM**

**FESTO**



Characteristics

At a glance

- Mini series
- Compact for maximum component density in confined installation spaces
  - PBT and nickel-plated brass
  - Operating medium: compressed air, vacuum

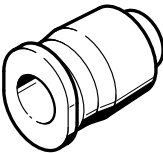
Diagrams Link  qsm



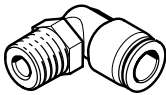
The diagrams shown in this document are also available online. These can be used to display precise values.

Design

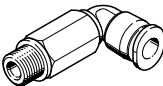
[C] Blanking plug



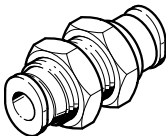
[L] L-shape



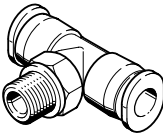
[LL] L-shape, long version



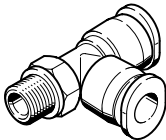
[S] Push-in bulkhead connector



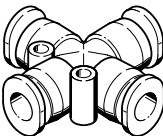
[T] T-shape



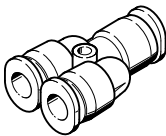
[TL] T-shape, additional push-in connector, lengthwise



[X] X-shape



[Y] Y-shape

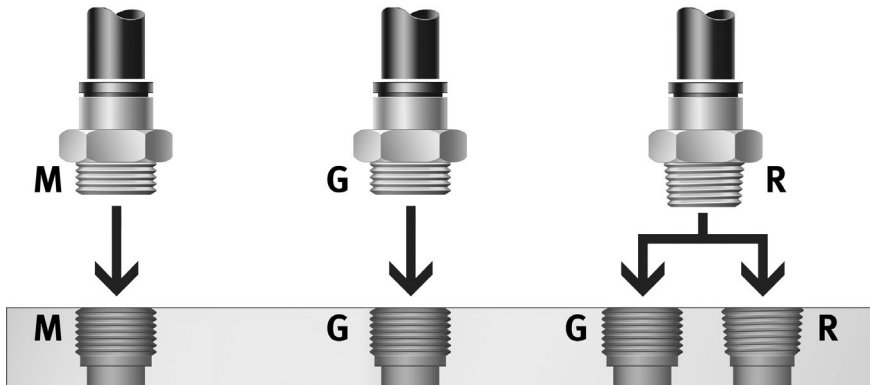


Pneumatic connection 1

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.

## Characteristics

### Description



Which fitting fits into which thread?

- Metric thread: Threads are comparable to G threads and are mounted in metric cylindrical threads. Tightness is ensured by a chambered O-ring.
- G thread to ISO 228-1: shorter thread, constant installation depth, replaceable sealing ring, seal on the front, reusable several times thanks to replaceable sealing ring.
- R thread to EN 10226-1 and ISO 7/1: self-locking thread, seal on the thread, no additional sealing surface required, smaller installation dimensions as no shoulder for sealing surface, can be reused up to 5 times. When combining a male R thread with a female G thread, leakage can occur if the female G thread is not manufactured properly or has an unfavourable limit tolerance. In this case, an additional seal is required, e.g. with sealing band. When combining a male R thread with a female G thread, leakage can occur if the female G thread is not manufactured properly or has an unfavourable limit tolerance. In this case, an additional seal is required, e.g. with sealing band.

### Description

Note: All R threads are coated with a sealing material. This coating replaces the conventional sealing ring. Simply screw in the R thread by hand and tighten it by turning it once or twice with an open-ended spanner. The fitting can be screwed in up to five times. When screwing in the R threads several times, make sure that the abrasion of the sealing material coating cannot get into the compressed air system.

## Type code

| 001           | Series                       |  |
|---------------|------------------------------|--|
| <b>QSM</b>    | Push-in fitting, mini series |  |
| <b>QSMC</b>   | Push-in fitting, mini series |  |
| <b>QSMF</b>   | Push-in fitting, mini series |  |
| <b>QSML</b>   | Push-in fitting, mini series |  |
| <b>QSMLL</b>  | Push-in fitting, mini series |  |
| <b>QSMLLV</b> | Push-in fitting, mini series |  |
| <b>QSMVLV</b> | Push-in fitting, mini series |  |
| <b>QSMP</b>   | Push-in fitting, mini series |  |
| <b>QSMS</b>   | Push-in fitting, mini series |  |
| <b>QSMT</b>   | Push-in fitting, mini series |  |
| <b>QSMTL</b>  | Push-in fitting, mini series |  |
| <b>QSMX</b>   | Push-in fitting, mini series |  |
| <b>QSMY</b>   | Push-in fitting, mini series |  |

| 002       | Design                                            |  |
|-----------|---------------------------------------------------|--|
|           | Straight shape                                    |  |
| <b>C</b>  | Blanking plug                                     |  |
| <b>L</b>  | L-shape                                           |  |
| <b>LL</b> | L-shape, long version                             |  |
| <b>S</b>  | Push-in bulkhead connector                        |  |
| <b>T</b>  | T-shape                                           |  |
| <b>TL</b> | T-shape, additional push-in connector, lengthwise |  |
| <b>X</b>  | X-shape                                           |  |
| <b>Y</b>  | Y-shape                                           |  |

| 003            | Pneumatic connection 1 |  |
|----------------|------------------------|--|
| <b>1/8</b>     | Male thread R1/8       |  |
| <b>2</b>       | Push-in connector 2 mm |  |
| <b>2H</b>      | Push-in sleeve 2 mm    |  |
| <b>3</b>       | Push-in connector 3 mm |  |
| <b>3H</b>      | Push-in sleeve 3 mm    |  |
| <b>4</b>       | Push-in connector 4 mm |  |
| <b>4H</b>      | Push-in sleeve 4 mm    |  |
| <b>6</b>       | Push-in connector 6 mm |  |
| <b>6H</b>      | Push-in sleeve 6 mm    |  |
| <b>G1/8</b>    | Male thread G1/8       |  |
| <b>M3</b>      | Male thread M3         |  |
| <b>M5</b>      | Male thread M5         |  |
| <b>M6</b>      | Male thread M6         |  |
| <b>M6x0,75</b> | Male thread M6x0.75    |  |
| <b>M7</b>      | Male thread M7         |  |
| <b>M8x0,75</b> | Male thread M8x0.75    |  |
| <b>M8x1,25</b> | Male thread M8x1.25    |  |

| 004      | Pneumatic connection 2                                |  |
|----------|-------------------------------------------------------|--|
|          | Same size push-in connector as pneumatic connection 1 |  |
| <b>2</b> | Push-in connector 2 mm                                |  |
| <b>3</b> | Push-in connector 3 mm                                |  |
| <b>4</b> | Push-in connector 4 mm                                |  |
| <b>6</b> | Push-in connector 6 mm                                |  |

| 005      | Mounting method  |  |
|----------|------------------|--|
|          | Standard         |  |
| <b>I</b> | Internal hexagon |  |

| 006      | Additional characteristic |  |
|----------|---------------------------|--|
|          | None                      |  |
| <b>R</b> | Round releasing ring      |  |

| 007        | Packaging unit [units] |  |
|------------|------------------------|--|
| <b>10</b>  | 10                     |  |
| <b>100</b> | 100                    |  |

## Datasheet

## General technical data – Male metric and G thread

| Pneumatic connection, port 1 | Male thread M3      | Male thread M5  | Male thread M6 | Male thread M6x0.75 | Male thread M7 | Male thread M8x0.75 | Male thread M8x1.25 | Male thread G1/8 |
|------------------------------|---------------------|-----------------|----------------|---------------------|----------------|---------------------|---------------------|------------------|
| Design                       | Push-pull principle |                 |                |                     |                |                     |                     |                  |
| Mounting position            | optional            |                 |                |                     |                |                     |                     |                  |
| Type of seal on screwed plug | Sealing ring        |                 |                |                     |                |                     |                     |                  |
| Nominal torque               | 0.48 Nm             | 1.2 ... 1.33 Nm | –              |                     | 2.2 Nm         | –                   |                     | 5.4 Nm           |
| Nominal size                 | 0.8 ... 1.6 mm      | 0.9 ... 2.6 mm  | 2.8 mm         | 2.5 mm              | 1.8 ... 4.1 mm | 4 mm                | 2.3 ... 4.1 mm      |                  |

## General technical data – Male R thread

| Pneumatic connection, port 1 | Male thread R1/8    |
|------------------------------|---------------------|
| Design                       | Push-pull principle |
| Mounting position            | optional            |
| Type of seal on screwed plug | Coating             |
| Nominal size                 | 2.3 ... 4.5 mm      |

## General technical data – Female G thread

| Pneumatic connection, port 1 | Female thread M3    | Female thread M5 |
|------------------------------|---------------------|------------------|
| Design                       | Push-pull principle |                  |
| Mounting position            | optional            |                  |
| Type of seal on screwed plug | Sealing ring        |                  |
| Nominal size                 | 1.3 ... 2.1 mm      | 1.8 ... 1.9 mm   |

## General technical data – Push-in sleeve

| General technical data - Push-in sleeve |                       |                       |                       |                       |
|-----------------------------------------|-----------------------|-----------------------|-----------------------|-----------------------|
| Pneumatic connection, port 1            | Push-in sleeve Ø 2 mm | Push-in sleeve Ø 3 mm | Push-in sleeve Ø 4 mm | Push-in sleeve Ø 6 mm |
| Design                                  | –                     | Push-pull principle   |                       |                       |
| Mounting position                       | optional              |                       |                       |                       |
| Nominal size                            | –                     | 1.1 ... 1.2 mm        | 1.7 ... 1.9 mm        | 1.9 ... 3.2 mm        |

## General technical data – For tubing outer Ø

| Pneumatic connection, port 1 | For tubing outer diameter of 2 mm | For tubing outside diameter of 3 mm | For tubing outer diameter of 4 mm | For tubing outside diameter of 6 mm |
|------------------------------|-----------------------------------|-------------------------------------|-----------------------------------|-------------------------------------|
| Design                       | Push-pull principle               |                                     |                                   |                                     |
| Mounting position            | optional                          |                                     |                                   |                                     |
| Type of seal on screwed plug | Sealing ring                      |                                     | –                                 |                                     |
| Nominal size                 | 0.9 mm                            | 1.1 ... 1.9 mm                      | 1.6 ... 2.6 mm                    | 2.3 ... 3.7 mm                      |

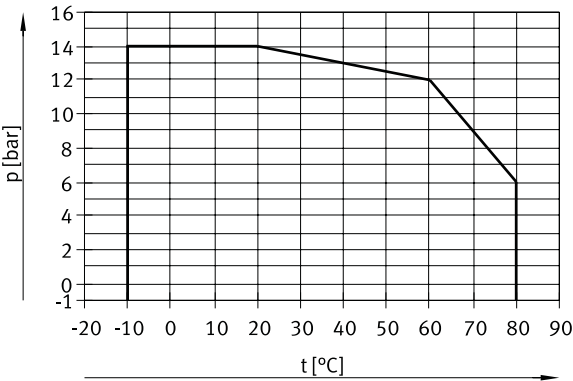
## Operating and environmental conditions

|                                               |                                           |
|-----------------------------------------------|-------------------------------------------|
| Operating pressure complete temperature range | -0.95 ... 6 bar                           |
| Temperature-dependent operating pressure      | -0.95 ... 14 bar                          |
| Operating medium                              | Compressed air to ISO 8573-1:2010 [7:-:-] |
| Note on operating and pilot medium            | Lubricated operation possible             |
| Ambient temperature                           | -10 ... 80°C                              |
| Corrosion resistance class CRC <sup>1)</sup>  | 1 - Low corrosion stress                  |
| Maritime classification <sup>2)</sup>         | See certificate                           |

1) More information [www.festo.com/x/topic/crc](http://www.festo.com/x/topic/crc)2) More information [www.festo.com/catalogue/qsm](http://www.festo.com/catalogue/qsm) → Support/Downloads.

Datasheet

Operating pressure p as a function of temperature t



Materials – Push-in fittings

|                                    |                                                                    |
|------------------------------------|--------------------------------------------------------------------|
| Material housing <sup>1)</sup>     | Anodised aluminium, Brass, nickel-plated, PBT, Nickel-plated steel |
| Material release ring              | POM                                                                |
| Material tubing seal               | NBR                                                                |
| Material tubing clamp component    | High-alloy stainless steel                                         |
| Note on materials                  | RoHS-compliant                                                     |
| Material nut <sup>2)</sup>         | Nickel-plated brass                                                |
| Material hollow bolt <sup>3)</sup> | Nickel-plated brass                                                |

1) QSM-M3-3/4: Nickel-plated steel (instead of nickel-plated brass)

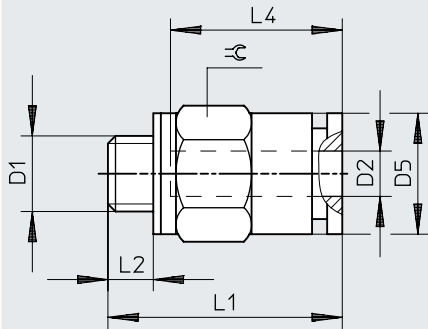
2) QSMS

3) QSMLV/QSMLLV

## Dimensions

Dimensions – Push-in fitting QSM, metric thread with sealing ring

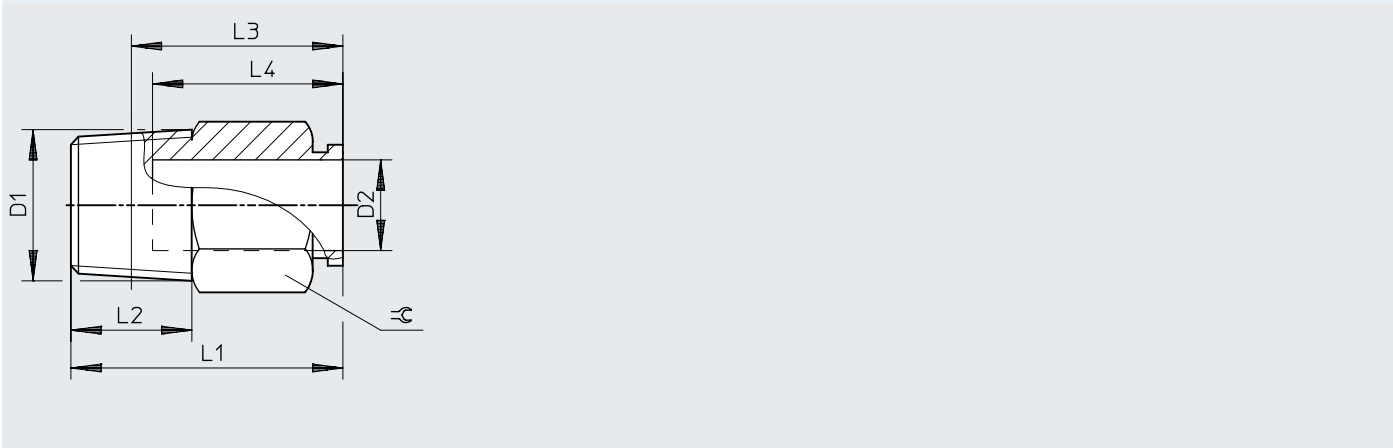
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|              | D1 | D2 | D5   | L1   | L2  | L4   | ≡   |
|--------------|----|----|------|------|-----|------|-----|
| QSM-M3-2     | M3 | 2  | 4,8  | 12,1 | 2,5 | 8,4  | 5   |
| QSM-M3-3     |    | 3  | 7    | 13,3 | 2,5 | 9,6  | 5,5 |
| QSM-M3-3-100 |    |    |      |      |     |      |     |
| QSM-M3-4     |    | 4  | 9,8  | 15,7 | 2,5 | 11,5 | 8   |
| QSM-M3-4-100 | M5 | 2  | 4,8  | 11,8 | 3   | 8,4  | 7   |
| QSM-M5-2     |    | 3  | 9,8  | 16,2 | 3   | 11,5 | 8   |
| QSM-M5-3     |    | 4  | 9,8  | 16,2 | 3   | 11,5 | 8   |
| QSM-M5-3-100 |    |    |      |      |     |      |     |
| QSM-M5-4     |    | 6  | 11,8 | 17,3 | 3   | 12   | 10  |
| QSM-M5-4-100 |    |    |      |      |     |      |     |
| QSM-M5-6     | M6 | 6  | 11,8 | 18   | 3,9 | 11,7 | 10  |
| QSM-M5-6-100 |    |    |      |      |     |      |     |
| QSM-M6-6     |    |    |      |      |     |      |     |

Dimensions

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

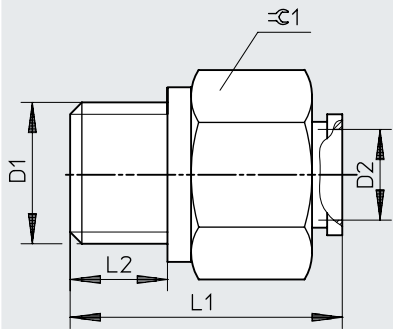


|               | D1   | D2 | L1 | L2 | L3 | L4   | ≧  |
|---------------|------|----|----|----|----|------|----|
| QSM-1/8-4     | R1/8 | 4  | 16 | 8  | 12 | 11,5 | 10 |
| QSM-1/8-4-100 |      |    |    |    |    |      |    |
| QSM-1/8-6     |      | 6  | 18 | 8  | 14 | 12   | 10 |
| QSM-1/8-6-100 |      |    |    |    |    |      |    |

Dimensions

Dimensions – Push-in fitting QSM, G thread with sealing ring

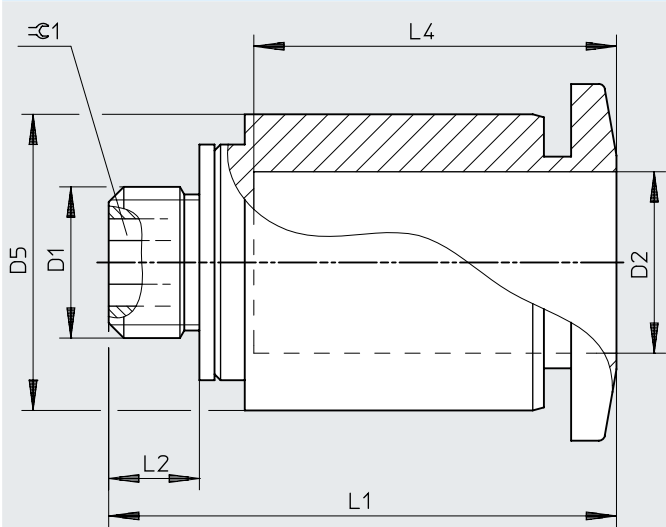
Download CAD data [www.festo.com](http://www.festo.com)



|            | D1   | D2 | L1   | L2  | G  |
|------------|------|----|------|-----|----|
| QSM-G1/8-4 | G1/8 | 4  | 16,4 | 5,1 | 13 |
| QSM-G1/8-6 |      | 6  | 18,4 | 5,1 | 13 |

Dimensions

Dimensions – Push-in fitting QSM-...-I, metric thread with sealing ring Download CAD data [www.festo.com](http://www.festo.com)

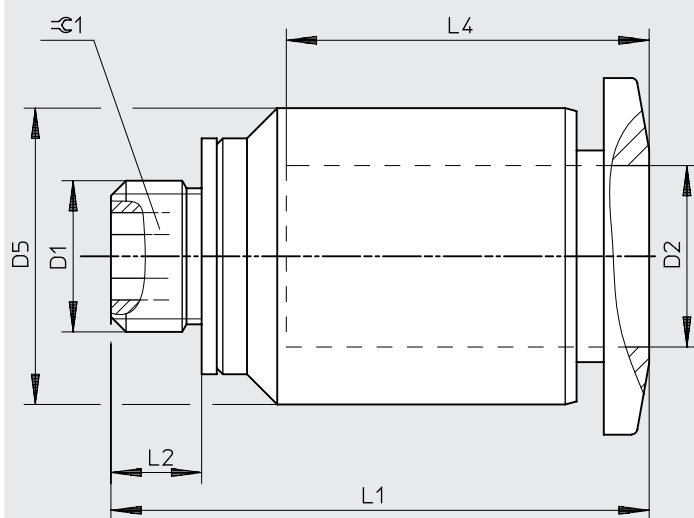


|                | D1 | D2 | D5<br>ø | L1   | L2  | L4   | ☞   |
|----------------|----|----|---------|------|-----|------|-----|
| QSM-M3-2-I     | M3 | 2  | 5       | 12,1 | 2,5 | 8,4  | 1,3 |
| QSM-M5-3-I     | M5 | 3  | 8       | 16,2 | 3   | 11,5 | 2   |
| QSM-M5-4-I     | M5 | 4  | 8       | 16,2 | 3   | 11,5 | 2,5 |
| QSM-M7-4-I     | M7 | 4  | 9,8     | 18,9 | 5,5 | 11,5 | 3   |
| QSM-M7-4-I-100 |    |    |         |      |     |      |     |
| QSM-M7-6-I     | M7 | 6  | 9,8     | 20,9 | 5,5 | 12   | 4   |

## Dimensions

Dimensions – Push-in fitting QSM-...-I, metric thread with sealing ring and chamfer

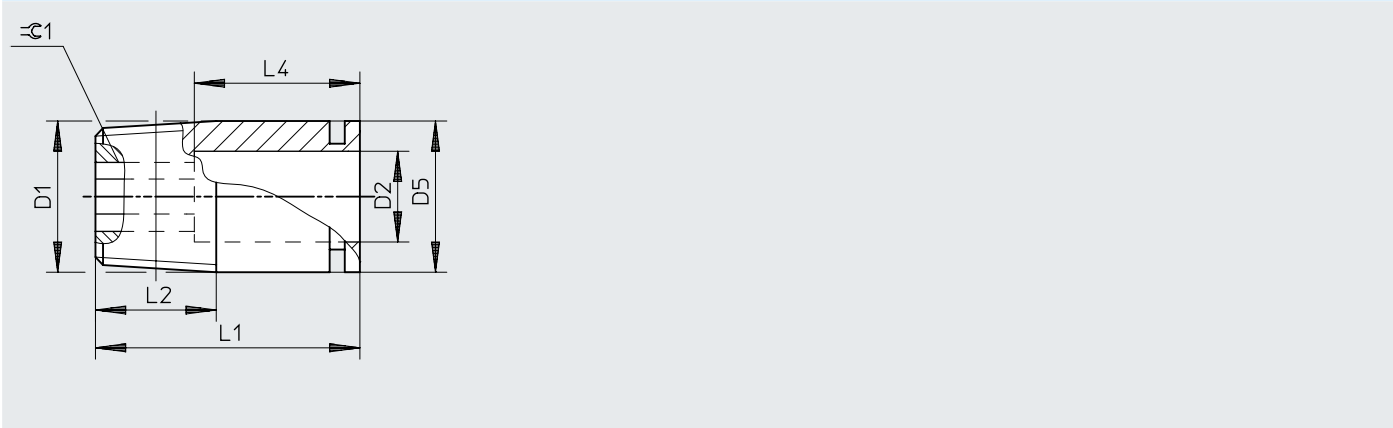
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|            | D1 | D2 | D5<br>ø | L1   | L2  | L4   | ≡C  |
|------------|----|----|---------|------|-----|------|-----|
| QSM-M3-3-I | M3 | 3  | 8       | 15,7 | 2,5 | 11,5 | 1,5 |
| QSM-M3-4-I | M3 | 4  | 8       | 15,7 | 2,5 | 11,5 | 1,5 |
| QSM-M5-6-I | M5 | 6  | 9,8     | 17,8 | 3   | 12   | 2,5 |

Dimensions

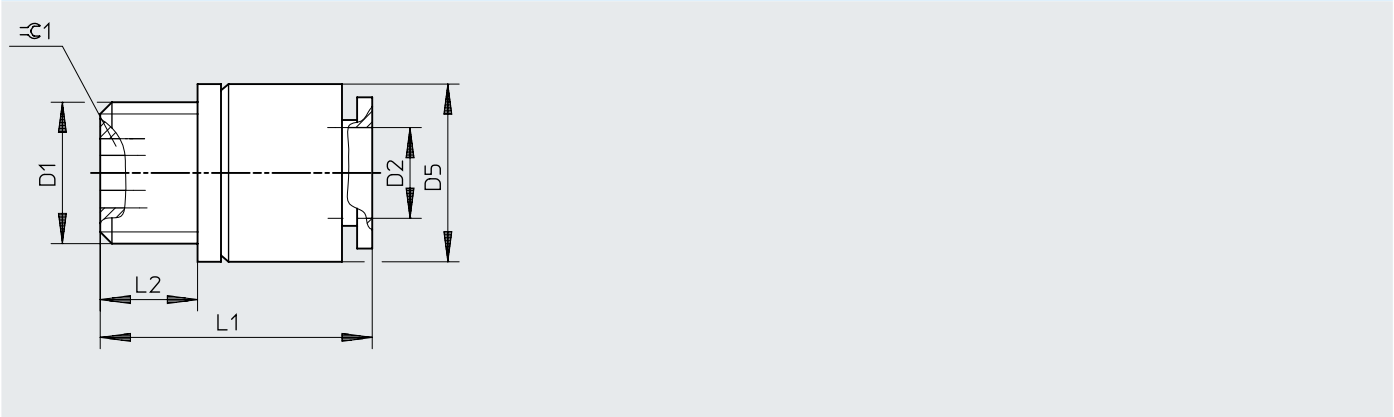
Dimensions – Push-in fitting QSM-...-I, R thread Download CAD data [www.festo.com](http://www.festo.com)



|             | D1   | D2 | D5<br>Ø | L1   | L2 | L3   | L4   | R |
|-------------|------|----|---------|------|----|------|------|---|
| QSM-1/8-4-I | R1/8 | 4  | 10      | 16,4 | 8  | 12,4 | 11,5 | 3 |
| QSM-1/8-6-I |      | 6  | 10      | 18,2 | 8  | 14,2 | 12,5 | 4 |

Dimensions

Dimensions – Push-in fitting QSM-...-I, G thread with sealing ring [Download CAD data](#) [www.festo.com](http://www.festo.com)

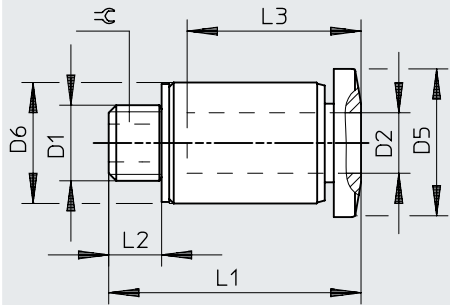


|              | D1   | D2 | D5<br>ø | L1   | L2  | ≡G |
|--------------|------|----|---------|------|-----|----|
| QSM-G1/8-4-I | G1/8 | 4  | 13      | 16,4 | 5,1 | 3  |
| QSM-G1/8-6-I |      | 6  | 13      | 18,4 | 5,1 | 4  |

Dimensions

Dimensions – Push-in fitting QSM-...-I-R, metric thread with sealing ring, round releasing ring

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

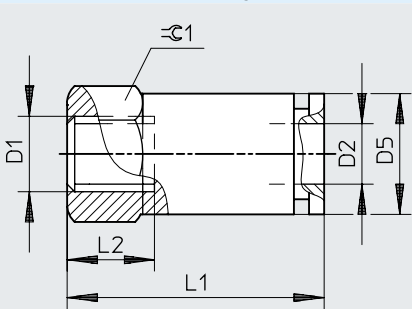


|                  | D1 | D2 | D5<br>ø | D6<br>ø | L1   | L2  | L3   | ☞   |
|------------------|----|----|---------|---------|------|-----|------|-----|
| QSM-M3-3-I-R     | M3 | 3  | 6       | 5,5     | 13,3 | 2,5 | 9,6  | 1,5 |
| QSM-M3-3-I-R-100 |    |    |         |         |      |     |      |     |
| QSM-M3-4-I-R     |    | 4  | 7,8     | 8       | 15,7 | 2,5 | 11,5 | 1,5 |
| QSM-M3-4-I-R-100 |    |    |         |         |      |     |      |     |
| QSM-M5-3-I-R     | M5 | 3  | 7,8     | 8       | 16,2 | 3   | 11,5 | 2   |
| QSM-M5-3-I-R-100 |    |    |         |         |      |     |      |     |
| QSM-M5-4-I-R     |    | 4  | 7,8     | 8       | 16,2 | 3   | 11,5 | 2,5 |
| QSM-M5-4-I-R-100 |    |    |         |         |      |     |      |     |
| QSM-M5-6-I-R     |    | 6  | 9,8     | 9,8     | 17,8 | 3   | 12   | 2,5 |
| QSM-M5-6-I-R-100 |    |    |         |         |      |     |      |     |
| QSM-M7-6-I-R     | M7 | 6  | 9,8     | 9,8     | 20,9 | 5,5 | 12   | 4   |
| QSM-M7-6-I-R-100 |    |    |         |         |      |     |      |     |

Dimensions

Dimensions – Push-in fitting QSMF

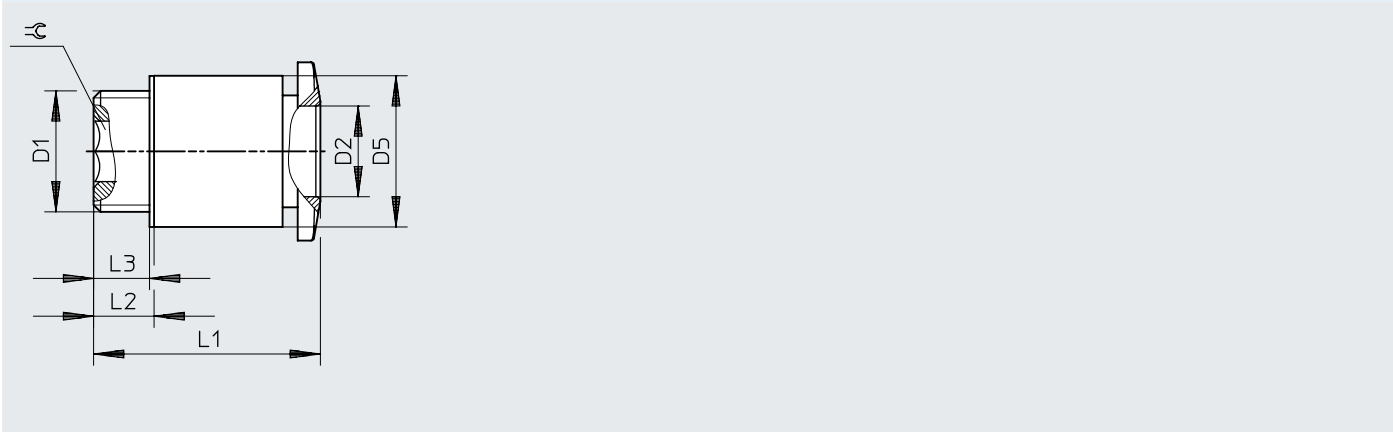
Download CAD data [www.festo.com](http://www.festo.com)



|           | D1 | D2 | D5<br>Ø | L1   | L2  | ⌀   |
|-----------|----|----|---------|------|-----|-----|
| QSMF-M3-3 | M3 | 3  | 5,5     | 13,9 | 4,4 | 5,5 |
| QSMF-M3-4 |    | 4  | 8       | 16   | 4,5 | 8   |
| QSMF-M5-3 | M5 | 3  | 8       | 15,5 | 4,5 | 8   |
| QSMF-M5-4 |    | 4  | 8       | 18,2 | 4,5 | 8   |

Dimensions

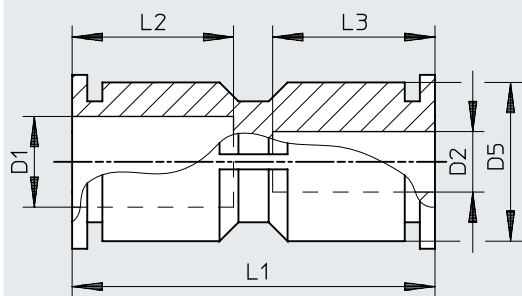
Dimensions – Push-in fitting QSMP [Download CAD data](#) [www.festo.com](http://www.festo.com)



|                | D1      | D2 | D5<br>ø | L1   | L2  | L3  | ≡   |
|----------------|---------|----|---------|------|-----|-----|-----|
| QSMP-M6X0.75-4 | M6x0,75 | 4  | 8       | 14,6 | 3,5 | 3   | 2,5 |
| QSMP-M8X0.75-6 | M8x0,75 | 6  | 10      | 15,1 | 4   | 3,4 | 4   |
| QSMP-M8X1.25-6 | M8x1,25 | 6  | 10      | 19,1 | 7   | 6,4 | 4   |

## Dimensions

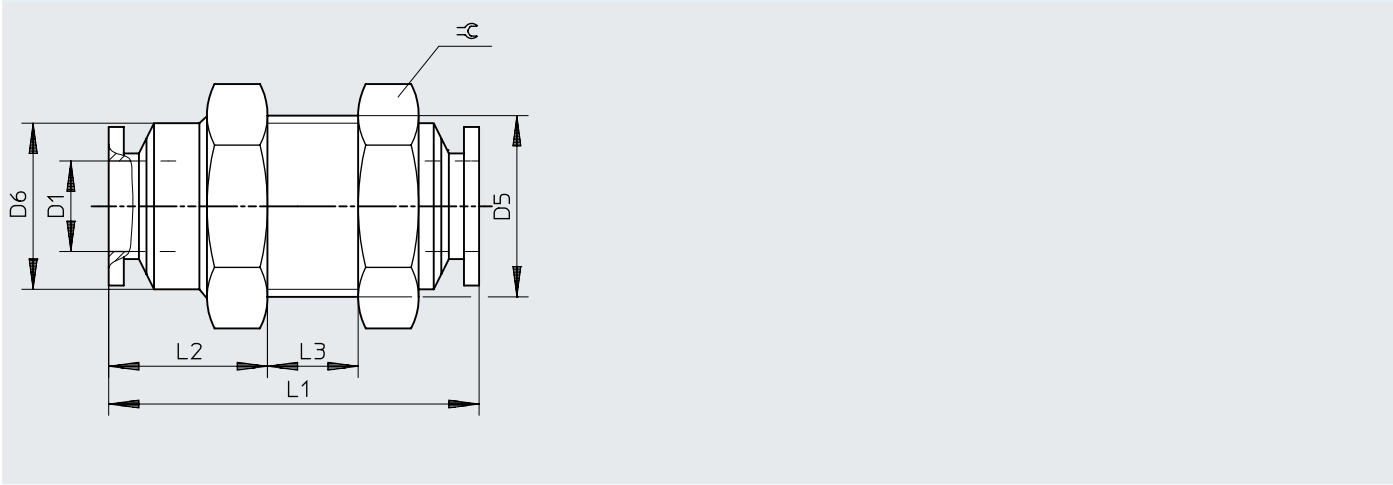
### Dimensions – Push-in connector QSM

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|           | D1 | D2 | D5<br>∅ | L1   | L2   | L3   |
|-----------|----|----|---------|------|------|------|
| QSM-3     | 3  | 3  | 6       | 20   | 9,5  | 9,5  |
| QSM-3-100 |    |    |         |      |      |      |
| QSM-4     | 4  | 4  | 8       | 23,5 | 11,5 | 11,5 |
| QSM-4-100 |    |    |         |      |      |      |
| QSM-6     | 6  | 6  | 10,5    | 25   | 12   | 12   |
| QSM-6-100 |    |    |         |      |      |      |

Dimensions

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

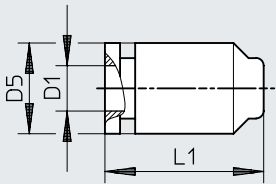


|            | D1 | D5      | D6<br>ø | L1   | L2  | L3<br>max. | ≡  |
|------------|----|---------|---------|------|-----|------------|----|
| QSMS-3     | 3  | M8x0,75 | 7       | 19,5 | 7   | 7,5        | 10 |
| QSMS-4     | 4  | M10x1   | 9       | 24   | 9,5 | 7,5        | 12 |
| QSMS-4-100 |    |         |         |      |     |            |    |
| QSMS-6     | 6  | M12x1   | 11      | 25   | 11  | 6          | 14 |
| QSMS-6-100 |    |         |         |      |     |            |    |

Dimensions

Dimensions – Push-in cap QSMC

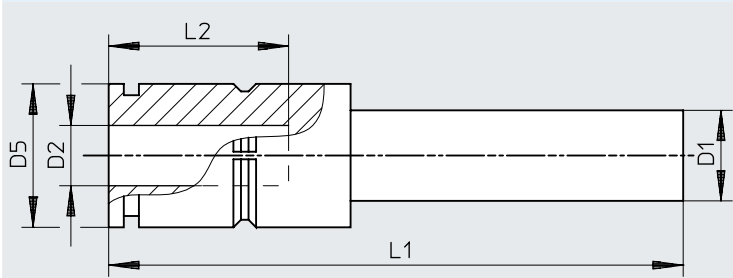
Download CAD data [www.festo.com](http://www.festo.com)



|        | D1 | D5<br>Ø | L1   |
|--------|----|---------|------|
| QSMC-3 | 3  | 6       | 10,5 |

Dimensions

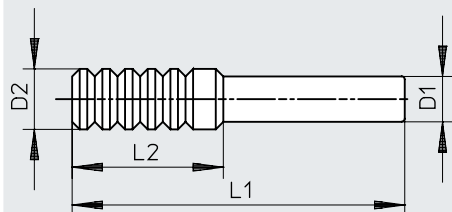
Dimensions – Push-in connector QSM-...H [Download CAD data](#) [www.festo.com](http://www.festo.com)



|              | D1   | D2 | D5<br>ø | L1   | L2   |
|--------------|------|----|---------|------|------|
| QSM-3H-2     | QS-3 | 2  | 6       | 26,3 | 8,4  |
| QSM-4H-3     | QS-4 | 3  | 6       | 27   | 9,5  |
| QSM-4H-3-100 |      |    |         |      |      |
| QSM-6H-4     | QS-6 | 4  | 9       | 32,6 | 11,6 |
| QSM-6H-4-100 |      |    |         |      |      |

## Dimensions

### Dimensions – Blanking plug QSMC-...H

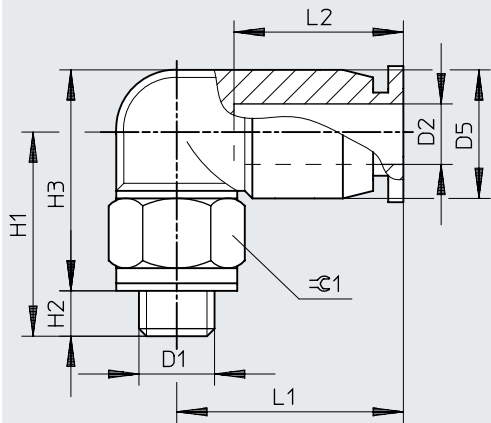
[Download CAD data](#) [www.festo.com](http://www.festo.com)


|         | D1   | D2<br>Ø | L1 | L2   |
|---------|------|---------|----|------|
| QSMC-2H | QS-2 | 3       | 20 | 10,2 |
| QSMC-3H | QS-3 | 4       | 22 | 10,2 |

Dimensions

Dimensions – Push-in L-fitting QSML, metric thread with sealing ring

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

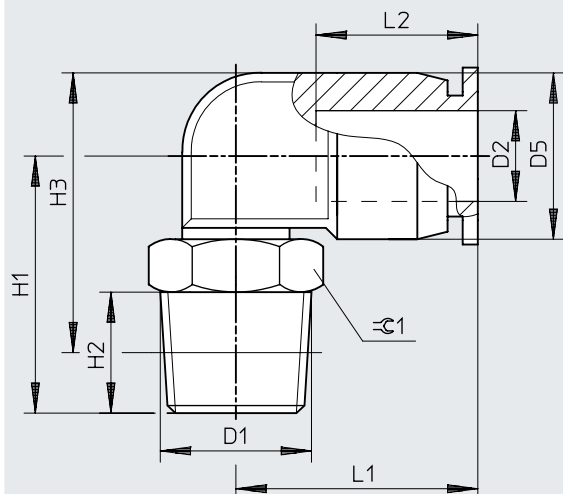


|               | D1 | D2 | D5<br>ø | H1   | H2  | H3   | L1   | L2   | ☞   |
|---------------|----|----|---------|------|-----|------|------|------|-----|
| QSML-M3-2     | M3 | 2  | 6       | 12   | 2,5 | 12,5 | 10,3 | 8,4  | 5,5 |
| QSML-M3-3     |    | 3  | 6       | 12   | 2,5 | 12,5 | 11   | 9,5  | 5,5 |
| QSML-M3-3-100 |    |    |         |      |     |      |      |      |     |
| QSML-M3-4     |    | 4  | 8       | 14   | 2,5 | 15,5 | 15,7 | 11,6 | 8   |
| QSML-M3-4-100 |    |    |         |      |     |      |      |      |     |
| QSML-M5-2     | M5 | 2  | 6       | 13,5 | 3   | 13,5 | 10,3 | 8,4  | 8   |
| QSML-M5-3     |    | 3  | 6       | 13,5 | 3   | 13,5 | 11   | 9,5  | 8   |
| QSML-M5-3-100 |    |    |         |      |     |      |      |      |     |
| QSML-M5-4     |    | 4  | 8       | 13,5 | 3   | 14,5 | 15,7 | 11,6 | 8   |
| QSML-M5-4-100 |    |    |         |      |     |      |      |      |     |
| QSML-M5-6     | M7 | 6  | 10,5    | 14,5 | 3   | 16,8 | 16,3 | 11,9 | 8   |
| QSML-M5-6-100 |    |    |         |      |     |      |      |      |     |
| QSML-M7-4     |    | 4  | 8       | 17   | 5,5 | 15,5 | 15,7 | 11,6 | 10  |
| QSML-M7-4-100 |    |    |         |      |     |      |      |      |     |
| QSML-M7-6     |    | 6  | 10,5    | 19   | 5,5 | 18,8 | 16,3 | 11,9 | 10  |
| QSML-M7-6-100 |    |    |         |      |     |      |      |      |     |

## Dimensions

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

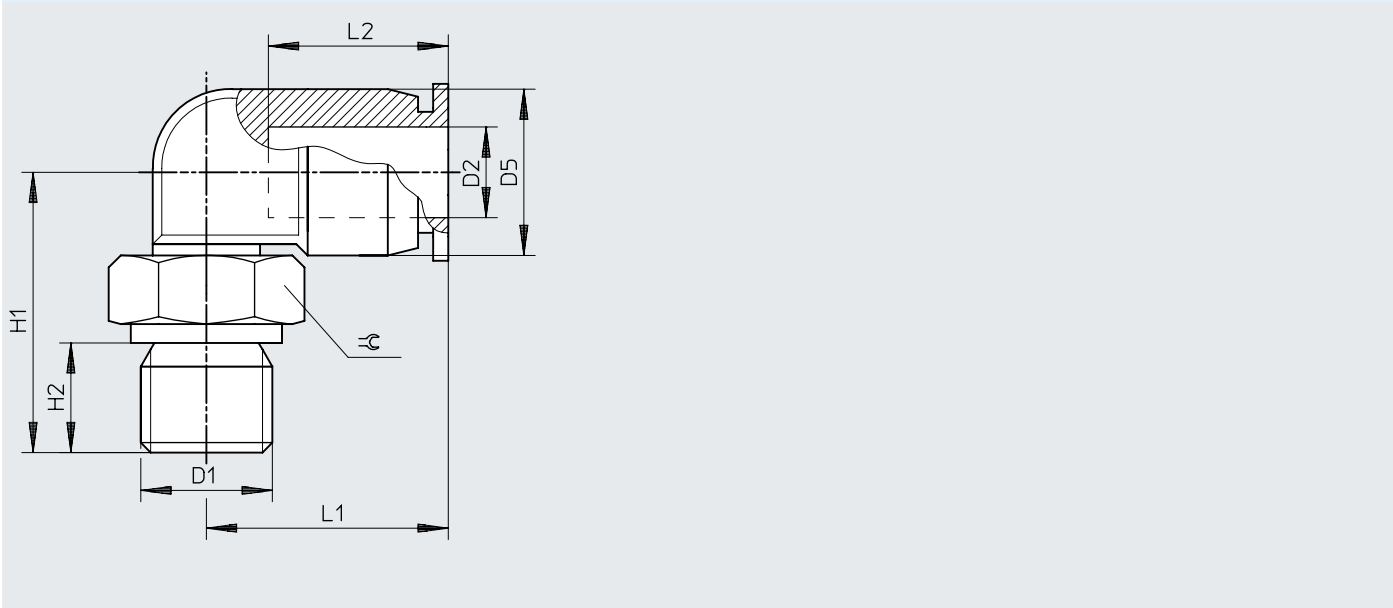
Download CAD data [www.festo.com](http://www.festo.com)



|                | D1   | D2 | D5<br>ø | H1 | H2 | H3   | L1   | L2   | ≡  |
|----------------|------|----|---------|----|----|------|------|------|----|
| QSML-1/8-4     | R1/8 | 4  | 8,5     | 16 | 8  | 16,3 | 16   | 11,5 | 10 |
| QSML-1/8-4-100 |      |    |         |    |    |      |      |      |    |
| QSML-1/8-6     |      | 6  | 11      | 17 | 8  | 18,5 | 16,5 | 12   | 10 |
| QSML-1/8-6-100 |      |    |         |    |    |      |      |      |    |

Dimensions

Dimensions – Push-in L-fitting QSML, G thread with sealing ring [Download CAD data](http://www.festo.com) [www.festo.com](http://www.festo.com)

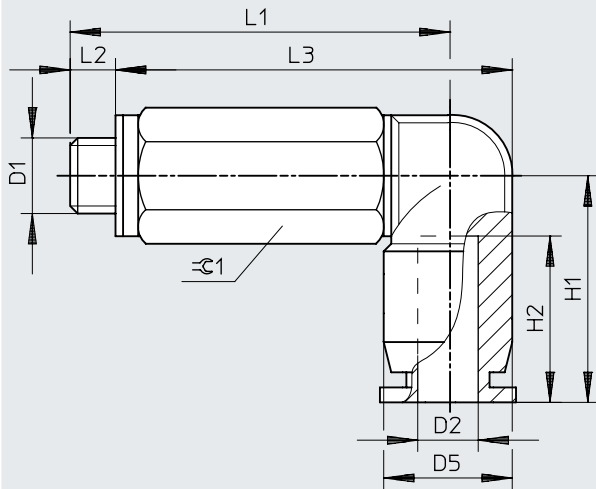


|                 | D1   | D2 | D5<br>Ø | H1   | H2  | L1   | ⌀  |
|-----------------|------|----|---------|------|-----|------|----|
| QSML-G1/8-4     | G1/8 | 4  | 8       | 16,5 | 5,1 | 15,7 | 13 |
| QSML-G1/8-4-100 |      |    |         |      |     |      |    |
| QSML-G1/8-6     |      |    |         |      |     |      |    |
|                 |      | 6  | 10,5    | 17,5 | 5,1 | 16,3 | 13 |

## Dimensions

Dimensions – Push-in L-fitting, long QSMLL, metric thread with sealing ring

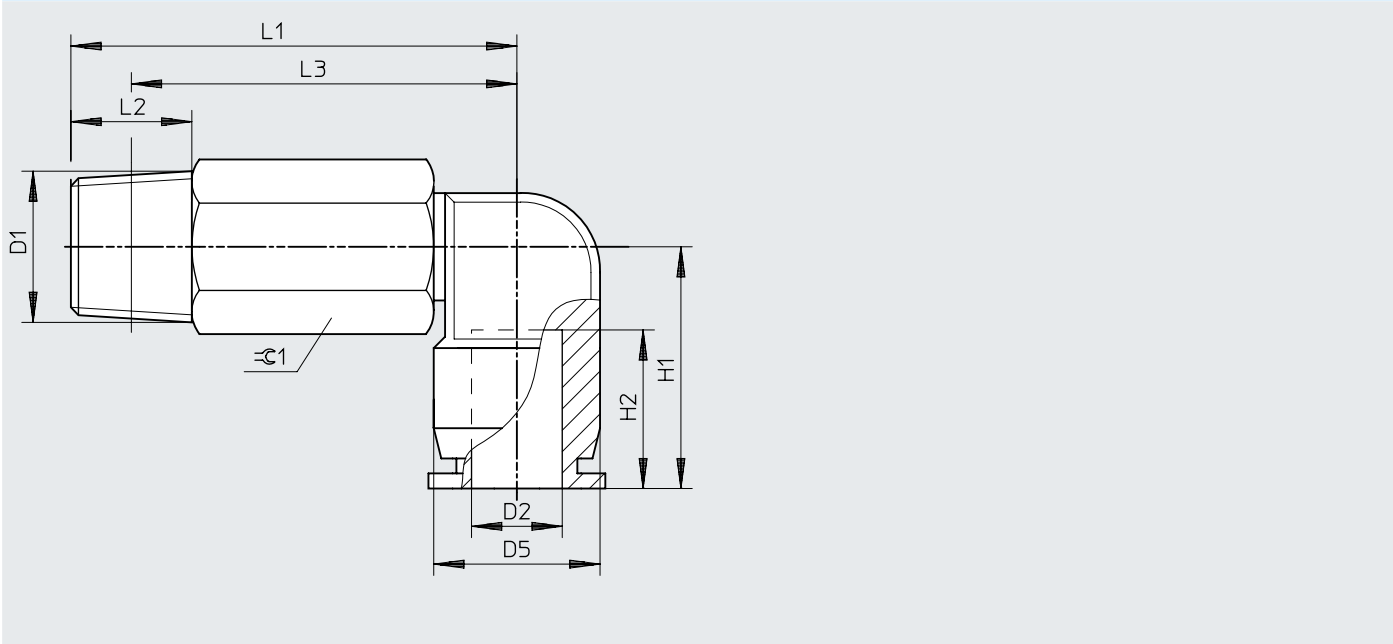
Download CAD data [www.festo.com](http://www.festo.com)



|                | D1 | D2 | D5<br>Ø | H1   | H2   | L1   | L2  | L3   | R1  |
|----------------|----|----|---------|------|------|------|-----|------|-----|
| QSMLL-M3-2     | M3 | 2  | 6       | 10,3 | 8,4  | 19   | 2,5 | 19,5 | 5,5 |
| QSMLL-M3-3     |    | 3  | 6       | 11   | 9,5  | 19   | 2,5 | 19,5 | 5,5 |
| QSMLL-M3-3-100 |    |    |         |      |      |      |     |      |     |
| QSMLL-M3-4     |    | 4  | 8       | 15,7 | 11,6 | 23   | 2,5 | 24,5 | 8   |
| QSMLL-M5-2     | M5 | 2  | 6       | 10,3 | 8,4  | 25   | 3   | 25   | 8   |
| QSMLL-M5-3     |    | 3  | 6       | 11   | 9,5  | 25   | 3   | 25   | 8   |
| QSMLL-M5-3-100 |    |    |         |      |      |      |     |      |     |
| QSMLL-M5-4     |    | 4  | 8       | 15,7 | 11,6 | 25   | 3   | 26   | 8   |
| QSMLL-M5-4-100 |    |    |         |      |      |      |     |      |     |
| QSMLL-M5-6     |    | 6  | 10,5    | 16,3 | 11,9 | 26   | 3   | 28,3 | 8   |
| QSMLL-M7-4     | M7 | 4  | 8       | 15,7 | 11,6 | 29,5 | 5,5 | 28   | 10  |
| QSMLL-M7-4-100 |    |    |         |      |      |      |     |      |     |
| QSMLL-M7-6     |    | 6  | 10,5    | 16,3 | 11,9 | 31,5 | 5,5 | 31,3 | 10  |

Dimensions

Dimensions – Push-in L-fitting, long QSMLL, R thread Download CAD data [www.festo.com](http://www.festo.com)

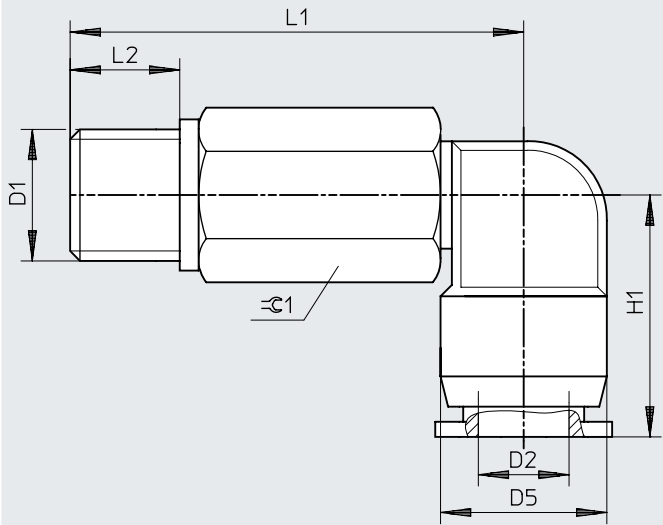


|             | D1   | D2 | D5<br>ø | H1   | H2   | L1   | L2 | L3   | ≡  |
|-------------|------|----|---------|------|------|------|----|------|----|
| QSMLL-1/8-4 | R1/8 | 4  | 8,5     | 15,5 | 11,5 | 28,5 | 8  | 22   | 10 |
| QSMLL-1/8-6 |      | 6  | 11      | 16,5 | 12   | 29,5 | 8  | 25,5 | 10 |

Dimensions

Dimensions – Push-in L-fitting, long QSMLL, G thread with sealing ring

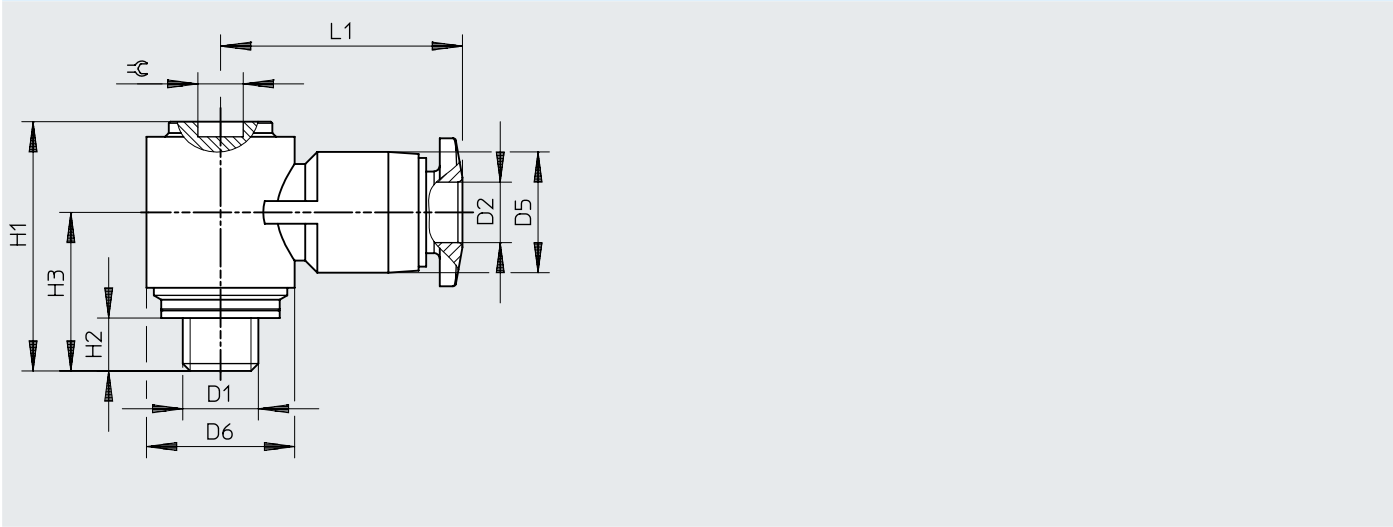
Download CAD data [www.festo.com](http://www.festo.com)



|              | D1   | D2 | D5<br>Ø | H1   | L1 | L2  | G  |
|--------------|------|----|---------|------|----|-----|----|
| QSMLL-G1/8-4 | G1/8 | 4  | 8       | 15,7 | 29 | 5,1 | 13 |
| QSMLL-G1/8-6 |      | 6  | 10,5    | 16,3 | 30 | 5,1 | 13 |

Dimensions

Dimensions – Push-in L-fitting QSMLV-...-I Download CAD data [www.festo.com](http://www.festo.com)

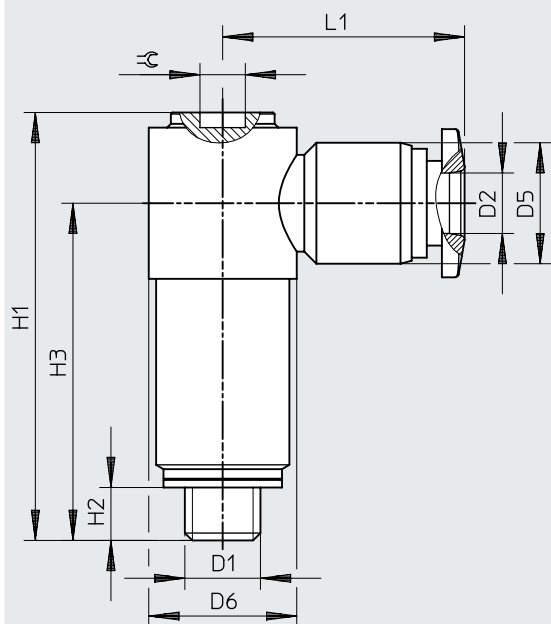


|              | D1 | D2 | D5<br>ø | D6<br>ø | H1   | H2  | H3   | L1   | ≡C |
|--------------|----|----|---------|---------|------|-----|------|------|----|
| QSMLV-M5-3-I | M5 | 3  | 8       | 9,8     | 16,5 | 3,5 | 10,5 | 16   | 3  |
| QSMLV-M5-4-I |    | 4  | 8       | 9,8     | 16,5 | 3,5 | 10,5 | 16   | 3  |
| QSMLV-M7-4-I | M7 | 4  | 8       | 9,8     | 18,5 | 5,5 | 13,2 | 16   | 3  |
| QSMLV-M7-6-I |    | 6  | 10,5    | 9,8     | 18,5 | 5,5 | 12,5 | 17,8 | 3  |

## Dimensions

Dimensions – Push-in L-fitting, long QSMLLV-...-I

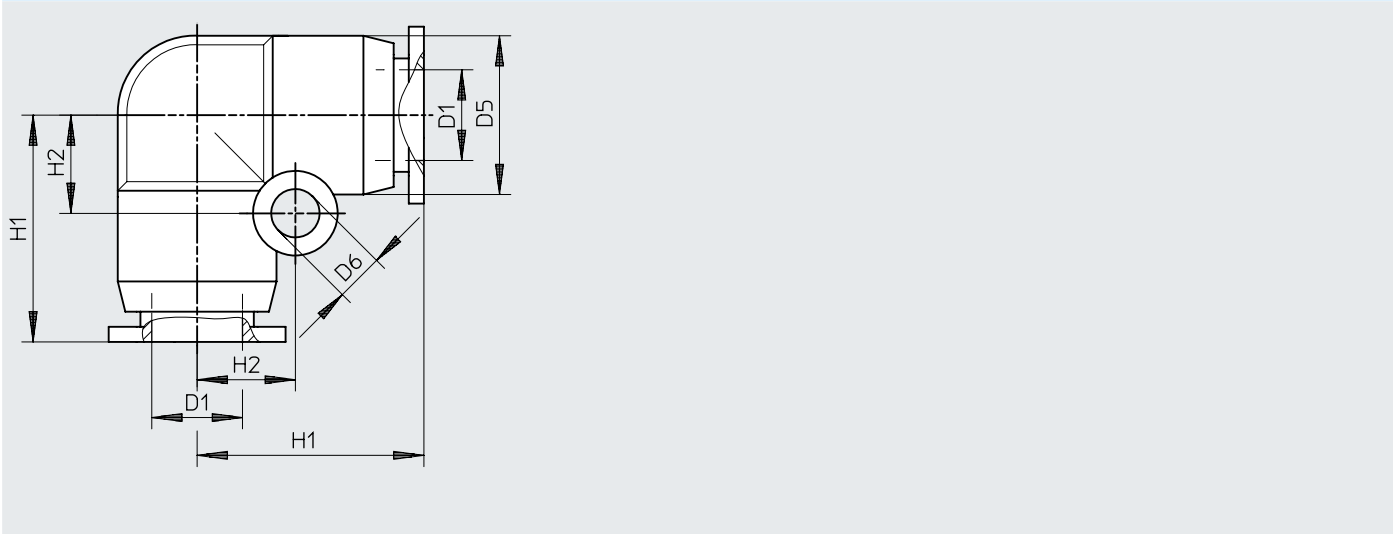
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|               | D1 | D2 | D5<br>ø | D6<br>ø | H1   | H2  | H3   | L1   | ±G |
|---------------|----|----|---------|---------|------|-----|------|------|----|
| QSMLLV-M5-3-I | M5 | 3  | 8       | 9,8     | 28,3 | 3,5 | 23   | 16   | 3  |
| QSMLLV-M5-4-I |    | 4  | 8       | 9,8     | 28,3 | 3,5 | 23   | 16   | 3  |
| QSMLLV-M7-4-I | M7 | 4  | 8       | 9,8     | 30,3 | 5,5 | 25   | 16   | 3  |
| QSMLLV-M7-6-I |    | 6  | 10,5    | 9,8     | 30,3 | 5,5 | 24,3 | 17,8 | 3  |

Dimensions

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

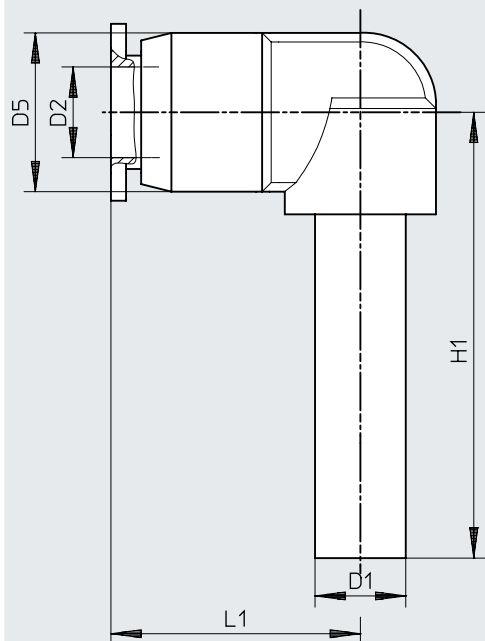


|            | D1 | D5<br>ø | D6<br>ø | H1   | H2  |
|------------|----|---------|---------|------|-----|
| QSML-3     | 3  | 6       | 3,2     | 11   | 4,5 |
| QSML-4     | 4  | 8       | 3,2     | 13,5 | 5,5 |
| QSML-4-100 |    |         |         |      |     |
| QSML-6     | 6  | 10,5    | 3,2     | 15,5 | 6,5 |
| QSML-6-100 |    |         |         |      |     |

## Dimensions

Dimensions – Push-in L-connector QSML-...H

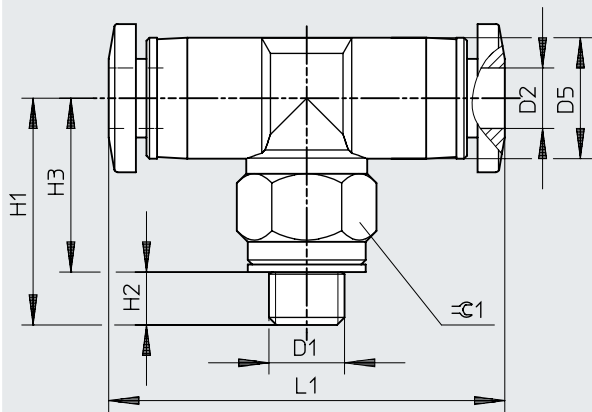
Download CAD data [www.festo.com](http://www.festo.com)



|           | D1   | D2 | D5<br>Ø | H1   | L1   |
|-----------|------|----|---------|------|------|
| QSML-3H   | QS-3 | 3  | 9       | 24   | 14,7 |
| QSML-4H   | QS-4 | 4  | 9       | 25   | 14,7 |
| QSML-6H   | QS-6 | 6  | 10,5    | 26,5 | 17,3 |
| QSML-4H-3 | QS-4 | 3  | 9       | 25   | 14,7 |
| QSML-6H-4 | QS-6 | 4  | 9       | 26   | 14,7 |

Dimensions

Dimensions – Push-in T-fitting QSMT, metric thread with sealing ring [www.festo.com](http://www.festo.com)

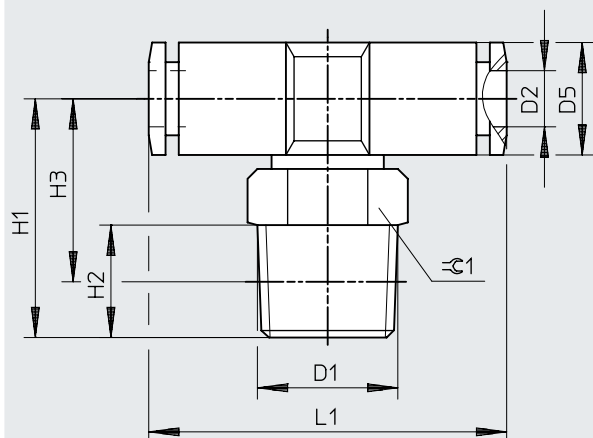


|               | D1 | D2 | D5<br>ø | H1   | H2  | H3   | L1   | ☞   |
|---------------|----|----|---------|------|-----|------|------|-----|
| QSMT-M3-3     | M3 | 3  | 6       | 12,8 | 3,3 | 9,5  | 22   | 5,5 |
| QSMT-M3-4     |    | 4  | 8       | 15,8 | 3,3 | 12,5 | 26,2 | 8   |
| QSMT-M5-3     | M5 | 3  | 6       | 14   | 3,5 | 10,5 | 22   | 8   |
| QSMT-M5-4     |    | 4  | 8       | 15   | 3,5 | 11,5 | 26,2 | 8   |
| QSMT-M5-4-100 |    |    |         |      |     |      |      |     |
| QSMT-M5-6     |    | 6  | 10,5    | 16   | 3,5 | 12,5 | 28,4 | 8   |
| QSMT-M5-6-100 |    |    |         |      |     |      |      |     |

## Dimensions

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

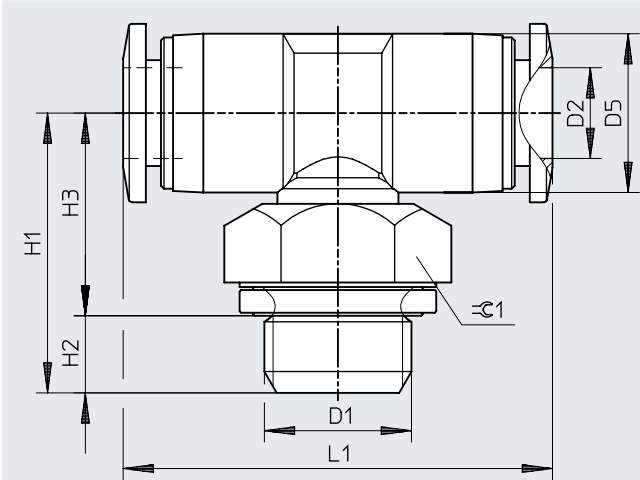
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|            | D1   | D2 | D5<br>ø | H1 | H2 | H3 | L1 | ≈  |
|------------|------|----|---------|----|----|----|----|----|
| QSMT-1/8-4 | R1/8 | 4  | 8,5     | 17 | 8  | 13 | 27 | 10 |
| QSMT-1/8-6 |      | 6  | 11      | 18 | 8  | 14 | 30 | 10 |

Dimensions

Dimensions – Push-in T-fitting QSMT, G thread with sealing ring [www.festo.com](http://www.festo.com)

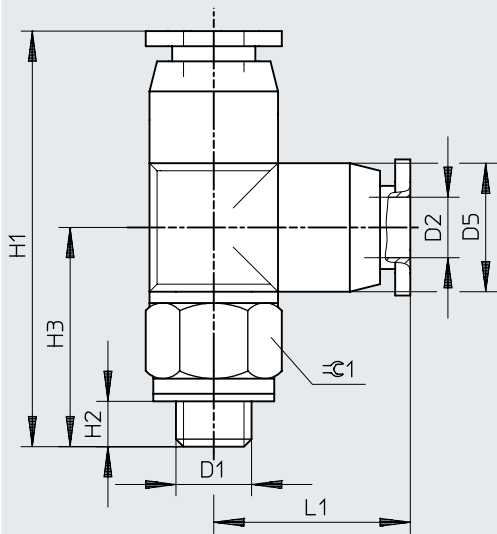


|             | D1   | D2 | D5<br>ø | H1   | H2  | H3   | L1   | ≡G |
|-------------|------|----|---------|------|-----|------|------|----|
| QSMT-G1/8-4 | G1/8 | 4  | 8       | 17,5 | 5,1 | 12,4 | 26,2 | 13 |
| QSMT-G1/8-6 |      | 6  | 10,5    | 18,5 | 5,1 | 13,4 | 28,4 | 13 |

Dimensions

Dimensions – Push-in T-fitting QSMTL, metric thread with sealing ring

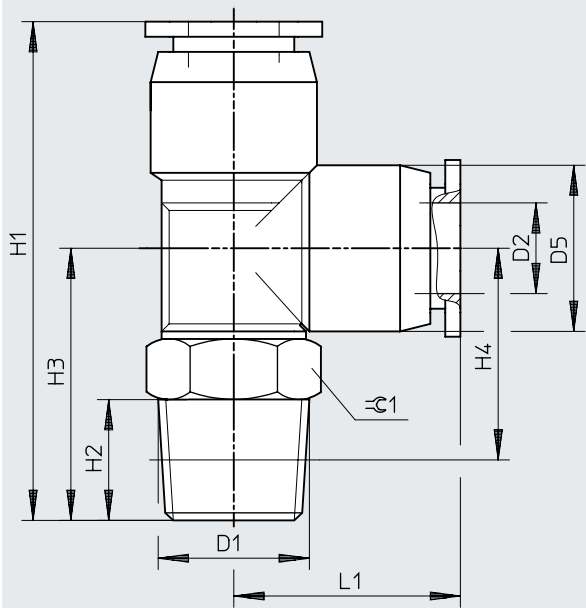
Download CAD data [www.festo.com](http://www.festo.com)



|             | D1   | D2 | D5<br>Ø | H1 | H2 | H3 | L1 | R1/8 |
|-------------|------|----|---------|----|----|----|----|------|
| QSMTL-1/8-4 | R1/8 | 4  | 8       | 17 | 13 | 13 | 10 | 10   |
| QSMTL-1/8-6 |      | 6  | 8       | 18 | 14 | 15 | 10 | 10   |

Dimensions

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

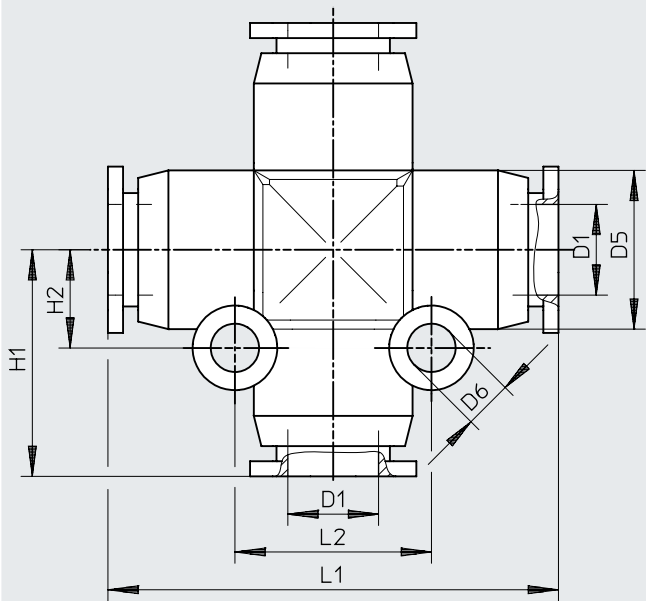


|             | D1   | D2 | D5<br>ø | H1 | H2 | H3 | H4 | L1 | ≙  |
|-------------|------|----|---------|----|----|----|----|----|----|
| QSMTL-1/8-4 | R1/8 | 4  | 8,5     | 30 | 8  | 17 | 13 | 13 | 10 |
| QSMTL-1/8-6 |      | 6  | 10,5    | 33 | 8  | 18 | 14 | 15 | 10 |

Dimensions

Dimensions – Push-in T-fitting QSMTL, G thread with sealing ring

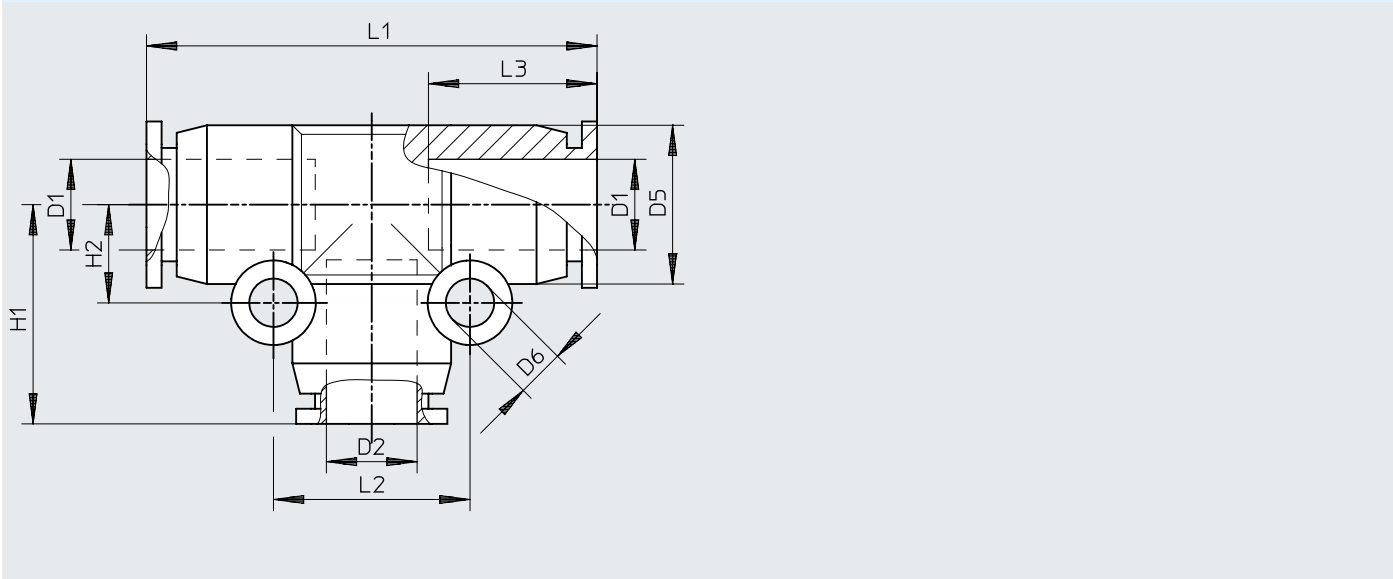
Download CAD data [www.festo.com](http://www.festo.com)



|        | D1 | D5<br>Ø | D6<br>Ø | H1   | H2  | L1 | L2 |
|--------|----|---------|---------|------|-----|----|----|
| QSMX-3 | 3  | 8       | 3,2     | 13,5 | 5,5 | 27 | 11 |
| QSMX-4 | 4  | 8       | 3,2     | 13,5 | 5,5 | 27 | 11 |
| QSMX-6 | 6  | 10,5    | 3,2     | 15,5 | 6,5 | 31 | 13 |

Dimensions

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

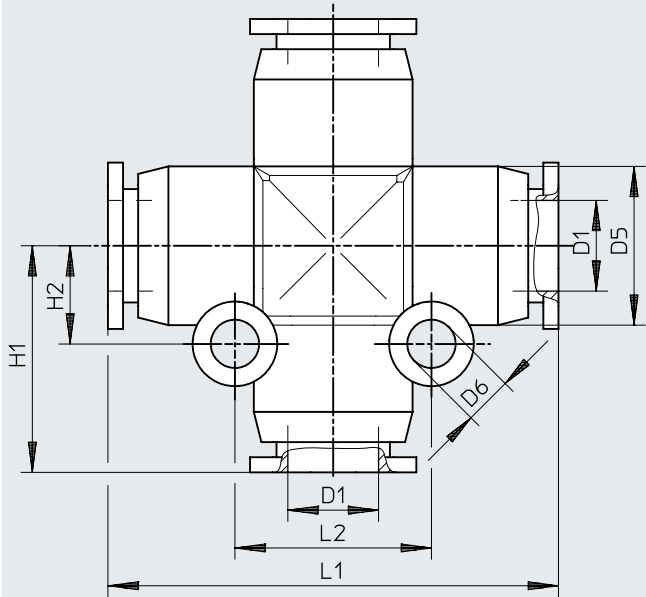


|            | D1 | D2 | D5<br>ø | D6<br>ø | H1   | H2  | L1   | L2   | L3   |
|------------|----|----|---------|---------|------|-----|------|------|------|
| QSMT-2     | 2  | 2  | 6       | 3,2     | 10,3 | 4,5 | 20,5 | 9    | 8,4  |
| QSMT-3     | 3  | 3  | 6       | 3,2     | 11   | 4,5 | 22   | 9    | 9,5  |
| QSMT-4     | 4  | 4  | 8       | 3,2     | 13,7 | 5,6 | 27,3 | 11,2 | 11,6 |
| QSMT-4-100 |    |    |         |         |      |     |      |      |      |
| QSMT-6     | 6  | 6  | 10,5    | 3,2     | 15,3 | 6,6 | 30,5 | 13,2 | 11,9 |
| QSMT-6-100 |    |    |         |         |      |     |      |      |      |
| QSMT-4-3   | 4  | 3  | 8       | 3,2     | 13   | 5,5 | 27   | 11   | 11,5 |
| QSMT-6-4   | 6  | 4  | 10,5    | 3,2     | 15   | 6,5 | 30   | 13   | 12   |

Dimensions

Dimensions – Push-in X-connector QSMX

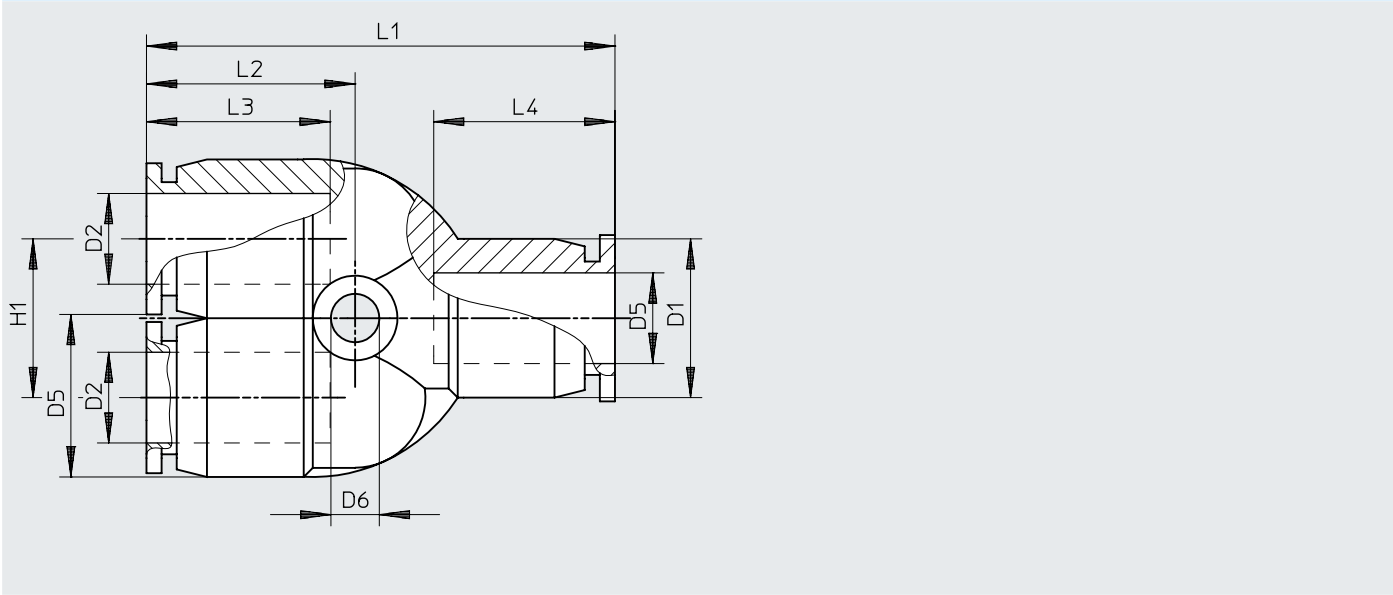
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|        | D1 | D5<br>Ø | D6<br>Ø | H1   | H2  | L1 | L2 |
|--------|----|---------|---------|------|-----|----|----|
| QSMX-3 | 3  | 8       | 3,2     | 13,5 | 5,5 | 27 | 11 |
| QSMX-4 | 4  | 8       | 3,2     | 13,5 | 5,5 | 27 | 11 |
| QSMX-6 | 6  | 10,5    | 3,2     | 15,5 | 6,5 | 31 | 13 |

Dimensions

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



|            | D1 | D2 | D5<br>ø | D6<br>ø | H1   | L1   | L2   | L3   | L4   |
|------------|----|----|---------|---------|------|------|------|------|------|
| QSMY-2     | 2  | 2  | 6       | 3,2     | 6,5  | 19,5 | 11,8 | 8,4  | 8,4  |
| QSMY-3     | 3  | 3  | 8       | 3,2     | 8    | 28,8 | 13,2 | 11,6 | 11,6 |
| QSMY-4     | 4  | 4  | 8       | 3,2     | 8    | 28,8 | 13,2 | 11,6 | 11,6 |
| QSMY-4-100 |    |    |         |         |      |      |      |      |      |
| QSMY-6     | 6  | 6  | 10,5    | 3,2     | 10,5 | 31,6 | 14,3 | 11,9 | 11,9 |
| QSMY-6-100 |    |    |         |         |      |      |      |      |      |
| QSMY-4-3   | 4  | 3  | 8       | 3,2     | 8    | 28,8 | 13,2 | 11,6 | 11,6 |
| QSMY-6-4   | 6  | 4  | 10,5    | 3,2     | 10,5 | 31,5 | 14,2 | 11,6 | 11,9 |

## Ordering data

| Push-in fitting QSM, metric thread with sealing ring                              |                              |                                     |              |                |          |              |
|-----------------------------------------------------------------------------------|------------------------------|-------------------------------------|--------------|----------------|----------|--------------|
|                                                                                   | Pneumatic connection, port 1 | Pneumatic connection, port 2        | Size of pack | Product weight | Part no. | Type         |
|  | Male thread M3               | For tubing outside diameter of 2 mm | 10           | 1 g            | 133027   | QSM-M3-2     |
|                                                                                   |                              | For tubing outer diameter of 3 mm   | 100          | 1.1 g          | ★ 153301 | QSM-M3-3     |
|                                                                                   |                              |                                     |              |                | 130775   | QSM-M3-3-100 |
|                                                                                   |                              | For tubing outside diameter of 4 mm | 10           | 2.4 g          | ★ 153303 | QSM-M3-4     |
|                                                                                   |                              |                                     | 100          |                | 130776   | QSM-M3-4-100 |
|                                                                                   | Male thread M5               | For tubing outside diameter of 2 mm | 10           | 2.2 g          | 133028   | QSM-M5-2     |
|                                                                                   |                              | For tubing outer diameter of 3 mm   | 100          | 3.4 g          | 153302   | QSM-M5-3     |
|                                                                                   |                              |                                     |              |                | 130777   | QSM-M5-3-100 |
|                                                                                   |                              | For tubing outside diameter of 4 mm | 10           | 3.2 g          | ★ 153304 | QSM-M5-4     |
|                                                                                   |                              |                                     | 100          |                | ★ 130778 | QSM-M5-4-100 |
|                                                                                   |                              | For tubing outside diameter of 6 mm | 10           | 4.5 g          | ★ 153306 | QSM-M5-6     |
|                                                                                   |                              |                                     | 100          |                | ★ 130779 | QSM-M5-6-100 |
|                                                                                   | Male thread M6               | 6 mm                                | 10           | 4.8 g          | ★ 132600 | QSM-M6-6     |

| Push-in fitting QSM, R thread                                                       |                              |                                     |              |                |          |               |
|-------------------------------------------------------------------------------------|------------------------------|-------------------------------------|--------------|----------------|----------|---------------|
|                                                                                     | Pneumatic connection, port 1 | Pneumatic connection, port 2        | Size of pack | Product weight | Part no. | Type          |
|  | Male thread R1/8             | For tubing outside diameter of 4 mm | 10           | 6 g            | ★ 153305 | QSM-1/8-4     |
|                                                                                     |                              |                                     | 100          |                | 130755   | QSM-1/8-4-100 |
|                                                                                     |                              | For tubing outside diameter of 6 mm | 10           |                | ★ 153307 | QSM-1/8-6     |
|                                                                                     |                              |                                     | 100          |                | 130756   | QSM-1/8-6-100 |

| Push-in fitting QSM, G thread with sealing ring                                     |                              |                                     |              |                |          |            |
|-------------------------------------------------------------------------------------|------------------------------|-------------------------------------|--------------|----------------|----------|------------|
|                                                                                     | Pneumatic connection, port 1 | Pneumatic connection, port 2        | Size of pack | Product weight | Part no. | Type       |
|  | Male thread G1/8             | For tubing outside diameter of 4 mm | 10           | 9.4 g          | ★ 186264 | QSM-G1/8-4 |
|                                                                                     |                              | For tubing outside diameter of 6 mm |              | 11 g           | ★ 186265 | QSM-G1/8-6 |

| Push-in fitting QSM-...-I, metric thread with sealing ring                          |                              |                                     |              |                |          |            |
|-------------------------------------------------------------------------------------|------------------------------|-------------------------------------|--------------|----------------|----------|------------|
|                                                                                     | Pneumatic connection, port 1 | Pneumatic connection, port 2        | Size of pack | Product weight | Part no. | Type       |
|  | Male thread M3               | For tubing outside diameter of 2 mm | 10           | 0.8 g          | 133026   | QSM-M3-2-I |
|                                                                                     |                              | For tubing outer diameter of 3 mm   |              | 2.3 g          | 153312   | QSM-M3-3-I |
|                                                                                     |                              | For tubing outside diameter of 4 mm |              | 2.2 g          | ★ 153314 | QSM-M3-4-I |
|                                                                                     | Male thread M5               | For tubing outer diameter of 3 mm   |              | 3.2 g          | 153313   | QSM-M5-3-I |

## Ordering data

| Push-in fitting QSM-...-I, metric thread with sealing ring                       |                              |                                     |              |                |          |                |
|----------------------------------------------------------------------------------|------------------------------|-------------------------------------|--------------|----------------|----------|----------------|
|                                                                                  | Pneumatic connection, port 1 | Pneumatic connection, port 2        | Size of pack | Product weight | Part no. | Type           |
|  | Male thread M5               | For tubing outside diameter of 4 mm | 10           | 3 g            | ★ 153315 | QSM-M5-4-I     |
|                                                                                  |                              | For tubing outside diameter of 6 mm |              | 4.4 g          | ★ 153317 | QSM-M5-6-I     |
|                                                                                  | Male thread M7               | For tubing outside diameter of 4 mm | 100          | 6 g            | ★ 153319 | QSM-M7-4-I     |
|                                                                                  |                              | For tubing outside diameter of 6 mm |              |                | ★ 133006 | QSM-M7-4-I-100 |
|                                                                                  |                              | For tubing outside diameter of 6 mm | 10           | 6.4 g          | ★ 153321 | QSM-M7-6-I     |

| Push-in fitting QSM-...-I, R thread                                               |                              |                                     |              |                |          |             |
|-----------------------------------------------------------------------------------|------------------------------|-------------------------------------|--------------|----------------|----------|-------------|
|                                                                                   | Pneumatic connection, port 1 | Pneumatic connection, port 2        | Size of pack | Product weight | Part no. | Type        |
|  | Male thread R1/8             | For tubing outside diameter of 4 mm | 10           | 6.2 g          | ★ 153316 | QSM-1/8-4-I |
|                                                                                   |                              | For tubing outside diameter of 6 mm |              | 5.6 g          | ★ 153318 | QSM-1/8-6-I |

| Push-in fitting QSM-...-I, G thread with sealing ring                               |                              |                                     |              |                |          |              |
|-------------------------------------------------------------------------------------|------------------------------|-------------------------------------|--------------|----------------|----------|--------------|
|                                                                                     | Pneumatic connection, port 1 | Pneumatic connection, port 2        | Size of pack | Product weight | Part no. | Type         |
|  | Male thread G1/8             | For tubing outside diameter of 4 mm | 10           | 8.9 g          | ★ 186266 | QSM-G1/8-4-I |
|                                                                                     |                              | For tubing outside diameter of 6 mm |              | 9.5 g          | ★ 186267 | QSM-G1/8-6-I |

| Push-in fitting QSM-...-I-R, metric thread with sealing ring, round releasing ring |                              |                                     |              |                |          |                  |
|------------------------------------------------------------------------------------|------------------------------|-------------------------------------|--------------|----------------|----------|------------------|
|                                                                                    | Pneumatic connection, port 1 | Pneumatic connection, port 2        | Size of pack | Product weight | Part no. | Type             |
|  | Male thread M3               | For tubing outer diameter of 3 mm   | 10           | 2.3 g          | 133001   | QSM-M3-3-I-R     |
|                                                                                    |                              |                                     | 100          |                | 132914   | QSM-M3-3-I-R-100 |
|                                                                                    |                              | For tubing outside diameter of 4 mm | 10           | 2.2 g          | ★ 133002 | QSM-M3-4-I-R     |
|                                                                                    |                              |                                     | 100          |                | 132915   | QSM-M3-4-I-R-100 |
|                                                                                    | Male thread M5               | For tubing outer diameter of 3 mm   | 10           | 3.2 g          | 133003   | QSM-M5-3-I-R     |
|                                                                                    |                              |                                     | 100          |                | 132916   | QSM-M5-3-I-R-100 |
|                                                                                    |                              | For tubing outside diameter of 4 mm | 10           | 3 g            | ★ 133004 | QSM-M5-4-I-R     |
|                                                                                    |                              |                                     | 100          |                | ★ 132917 | QSM-M5-4-I-R-100 |
|                                                                                    |                              | For tubing outside diameter of 6 mm | 10           | 4.4 g          | ★ 133005 | QSM-M5-6-I-R     |
|                                                                                    |                              |                                     | 100          |                | ★ 132918 | QSM-M5-6-I-R-100 |
|                                                                                    | Male thread M7               | For tubing outside diameter of 6 mm | 10           | 6.4 g          | ★ 133007 | QSM-M7-6-I-R     |
|                                                                                    |                              |                                     | 100          |                | ★ 132919 | QSM-M7-6-I-R-100 |

## Ordering data

| Push-in fitting QSMF, metric thread with sealing ring                             |                              |                                     |              |                |          |           |
|-----------------------------------------------------------------------------------|------------------------------|-------------------------------------|--------------|----------------|----------|-----------|
|                                                                                   | Pneumatic connection, port 1 | Pneumatic connection, port 2        | Size of pack | Product weight | Part no. | Type      |
|  | Female thread M3             | For tubing outer diameter of 3 mm   | 10           | 1.6 g          | 153308   | QSMF-M3-3 |
|                                                                                   |                              | For tubing outside diameter of 4 mm |              | 4.1 g          | 153310   | QSMF-M3-4 |
|                                                                                   | Female thread M5             | For tubing outer diameter of 3 mm   |              | 4.3 g          | 153309   | QSMF-M5-3 |
|                                                                                   |                              | For tubing outside diameter of 4 mm |              | 4.5 g          | 153311   | QSMF-M5-4 |

| Push-in fitting QSMP, metric thread with sealing ring                             |                              |                                     |              |                |          |                |
|-----------------------------------------------------------------------------------|------------------------------|-------------------------------------|--------------|----------------|----------|----------------|
|                                                                                   | Pneumatic connection, port 1 | Pneumatic connection, port 2        | Size of pack | Product weight | Part no. | Type           |
|  | Male thread M6x0.75          | For tubing outside diameter of 4 mm | 10           | 2.7 g          | 153320   | QSMP-M6X0.75-4 |
|                                                                                   | Male thread M8x0.75          | For tubing outside diameter of 6 mm |              | 3.7 g          | 153322   | QSMP-M8X0.75-6 |
|                                                                                   | Male thread M8x1.25          |                                     |              | 4.7 g          | 154434   | QSMP-M8X1.25-6 |
|                                                                                   |                              |                                     |              |                |          |                |

| Push-in connector QSM                                                               |                                     |                                     |              |                |          |           |
|-------------------------------------------------------------------------------------|-------------------------------------|-------------------------------------|--------------|----------------|----------|-----------|
|                                                                                     | Pneumatic connection, port 1        | Pneumatic connection, port 2        | Size of pack | Product weight | Part no. | Type      |
|  | For tubing outside diameter of 3 mm | For tubing outer diameter of 3 mm   | 10           | 1.5 g          | 153323   | QSM-3     |
|                                                                                     |                                     |                                     | 100          |                | 130757   | QSM-3-100 |
|                                                                                     | For tubing outer diameter of 4 mm   | For tubing outside diameter of 4 mm | 10           | 2 g            | ★ 153324 | QSM-4     |
|                                                                                     |                                     |                                     | 100          |                | 130758   | QSM-4-100 |
|                                                                                     | For tubing outside diameter of 6 mm | For tubing outer diameter of 6 mm   | 10           | 4 g            | ★ 153325 | QSM-6     |
|                                                                                     |                                     |                                     | 100          |                | 130759   | QSM-6-100 |

| Push-in connector QSM, reducing                                                     |                                     |                                     |              |                |          |             |
|-------------------------------------------------------------------------------------|-------------------------------------|-------------------------------------|--------------|----------------|----------|-------------|
|                                                                                     | Pneumatic connection, port 1        | Pneumatic connection, port 2        | Size of pack | Product weight | Part no. | Type        |
|  | For tubing outside diameter of 3 mm | For tubing outside diameter of 2 mm | 10           | 1 g            | 133029   | QSM-3-2     |
|                                                                                     | For tubing outer diameter of 4 mm   | For tubing outer diameter of 3 mm   | 100          | 2.1 g          | ★ 153326 | QSM-4-3     |
|                                                                                     |                                     |                                     |              |                | 130760   | QSM-4-3-100 |
|                                                                                     | For tubing outside diameter of 6 mm | For tubing outside diameter of 4 mm | 100          | 3 g            | ★ 153327 | QSM-6-4     |
|                                                                                     |                                     |                                     |              |                | 130761   | QSM-6-4-100 |
|                                                                                     |                                     |                                     |              |                |          |             |

| Push-in bulkhead connector QSMS                                                     |                                     |                                   |              |                |          |        |
|-------------------------------------------------------------------------------------|-------------------------------------|-----------------------------------|--------------|----------------|----------|--------|
|                                                                                     | Pneumatic connection, port 1        | Pneumatic connection, port 2      | Size of pack | Product weight | Part no. | Type   |
|  | For tubing outside diameter of 3 mm | For tubing outer diameter of 3 mm | 10           | 3 g            | 153375   | QSMS-3 |

## Ordering data

| Push-in bulkhead connector QSMS                                                  |                                     |                                     |              |                |          |            |
|----------------------------------------------------------------------------------|-------------------------------------|-------------------------------------|--------------|----------------|----------|------------|
|                                                                                  | Pneumatic connection, port 1        | Pneumatic connection, port 2        | Size of pack | Product weight | Part no. | Type       |
|  | For tubing outer diameter of 4 mm   | For tubing outside diameter of 4 mm | 10           | 6 g            | ★ 153376 | QSMS-4     |
|                                                                                  |                                     |                                     | 100          |                | 130780   | QSMS-4-100 |
|                                                                                  | For tubing outside diameter of 6 mm | For tubing outside diameter of 6 mm | 10           | 9 g            | ★ 153377 | QSMS-6     |
|                                                                                  |                                     |                                     | 100          |                | 130781   | QSMS-6-100 |

| Push-in cap QSMC                                                                 |                                     |              |                |          |        |
|----------------------------------------------------------------------------------|-------------------------------------|--------------|----------------|----------|--------|
|                                                                                  | Pneumatic connection, port 1        | Size of pack | Product weight | Part no. | Type   |
|  | For tubing outside diameter of 3 mm | 10           | 0.5 g          | 153381   | QSMC-3 |

| Push-in connector QSM-...H                                                        |                              |                                     |              |                |          |              |
|-----------------------------------------------------------------------------------|------------------------------|-------------------------------------|--------------|----------------|----------|--------------|
|                                                                                   | Pneumatic connection, port 1 | Pneumatic connection, port 2        | Size of pack | Product weight | Part no. | Type         |
|  | Push-in sleeve Ø 3 mm        | For tubing outside diameter of 2 mm | 10           | 0.6 g          | 133035   | QSM-3H-2     |
|                                                                                   | Push-in sleeve Ø 4 mm        | For tubing outer diameter of 3 mm   | 100          | 0.8 g          | 153328   | QSM-4H-3     |
|                                                                                   |                              |                                     |              |                | 130762   | QSM-4H-3-100 |
|                                                                                   | Push-in sleeve Ø 6 mm        | For tubing outside diameter of 4 mm | 100          | 2.4 g          | ★ 153329 | QSM-6H-4     |
|                                                                                   |                              |                                     |              |                | 130763   | QSM-6H-4-100 |
|                                                                                   |                              |                                     |              |                |          |              |

| Blanking plug QSMC-...H                                                            |                              |              |                |          |         |
|------------------------------------------------------------------------------------|------------------------------|--------------|----------------|----------|---------|
|                                                                                    | Pneumatic connection, port 1 | Size of pack | Product weight | Part no. | Type    |
|  | Push-in sleeve Ø 2 mm        | 10           | 0.1 g          | 133036   | QSMC-2H |
|                                                                                    | Push-in sleeve Ø 3 mm        |              | 0.2 g          | 153382   | QSMC-3H |

| Push-in L-fitting QSML, metric thread with sealing ring                            |                                   |                                     |                                     |                |          |               |
|------------------------------------------------------------------------------------|-----------------------------------|-------------------------------------|-------------------------------------|----------------|----------|---------------|
|                                                                                    | Pneumatic connection, port 1      | Pneumatic connection, port 2        | Size of pack                        | Product weight | Part no. | Type          |
|  | Male thread M3                    | For tubing outside diameter of 2 mm | 10                                  | 1.4 g          | 133030   | QSML-M3-2     |
|                                                                                    |                                   | For tubing outer diameter of 3 mm   | 100                                 |                | ★ 153330 | QSML-M3-3     |
|                                                                                    |                                   |                                     |                                     |                | 130768   | QSML-M3-3-100 |
|                                                                                    |                                   | For tubing outside diameter of 4 mm | 10                                  | 3 g            | ★ 153332 | QSML-M3-4     |
|                                                                                    |                                   |                                     | 100                                 |                | ★ 130769 | QSML-M3-4-100 |
|                                                                                    |                                   | Male thread M5                      | For tubing outside diameter of 2 mm | 10             | 2.7 g    | 133031        |
|                                                                                    | For tubing outer diameter of 3 mm |                                     | 2.8 g                               |                | ★ 153331 | QSML-M5-3     |

## Ordering data

| Push-in L-fitting QSML, metric thread with sealing ring                           |                              |                                     |              |                |          |               |
|-----------------------------------------------------------------------------------|------------------------------|-------------------------------------|--------------|----------------|----------|---------------|
|                                                                                   | Pneumatic connection, port 1 | Pneumatic connection, port 2        | Size of pack | Product weight | Part no. | Type          |
|  | Male thread M5               | For tubing outer diameter of 3 mm   | 100          | 2.8 g          | 130770   | QSML-M5-3-100 |
|                                                                                   |                              | For tubing outside diameter of 4 mm | 10           | 3.4 g          | ★ 153333 | QSML-M5-4     |
|                                                                                   |                              |                                     | 100          |                | ★ 130771 | QSML-M5-4-100 |
|                                                                                   |                              | For tubing outside diameter of 6 mm | 10           | 4.1 g          | ★ 153335 | QSML-M5-6     |
|                                                                                   |                              |                                     | 100          |                | ★ 130772 | QSML-M5-6-100 |
|                                                                                   | Male thread M7               | For tubing outside diameter of 4 mm | 10           | 5.6 g          | ★ 186352 | QSML-M7-4     |
|                                                                                   |                              |                                     | 100          |                | 130773   | QSML-M7-4-100 |
|                                                                                   |                              | For tubing outside diameter of 6 mm | 10           | 6.2 g          | ★ 186353 | QSML-M7-6     |
|                                                                                   |                              |                                     | 100          |                | 130774   | QSML-M7-6-100 |

| Push-in L-fitting QSML, R thread                                                   |                              |                                     |              |                |          |                |
|------------------------------------------------------------------------------------|------------------------------|-------------------------------------|--------------|----------------|----------|----------------|
|                                                                                    | Pneumatic connection, port 1 | Pneumatic connection, port 2        | Size of pack | Product weight | Part no. | Type           |
|  | Male thread R1/8             | For tubing outside diameter of 4 mm | 10           | 6 g            | ★ 153334 | QSML-1/8-4     |
|                                                                                    |                              |                                     | 100          |                | 130764   | QSML-1/8-4-100 |
|                                                                                    |                              | For tubing outside diameter of 6 mm | 10           | 7 g            | ★ 153336 | QSML-1/8-6     |
|                                                                                    |                              |                                     | 100          |                | ★ 130765 | QSML-1/8-6-100 |

| Push-in L-fitting QSML, G thread with sealing ring                                  |                              |                                     |              |                |          |                 |
|-------------------------------------------------------------------------------------|------------------------------|-------------------------------------|--------------|----------------|----------|-----------------|
|                                                                                     | Pneumatic connection, port 1 | Pneumatic connection, port 2        | Size of pack | Product weight | Part no. | Type            |
|  | Male thread G1/8             | For tubing outside diameter of 4 mm | 10           | 9 g            | ★ 186268 | QSML-G1/8-4     |
|                                                                                     |                              |                                     | 100          |                | 132897   | QSML-G1/8-4-100 |
|                                                                                     |                              | For tubing outside diameter of 6 mm | 10           | 9.7 g          | ★ 186269 | QSML-G1/8-6     |

| Push-in L-fitting, long QSMLL, metric thread with sealing ring                      |                              |                                     |              |                |                |                |
|-------------------------------------------------------------------------------------|------------------------------|-------------------------------------|--------------|----------------|----------------|----------------|
|                                                                                     | Pneumatic connection, port 1 | Pneumatic connection, port 2        | Size of pack | Product weight | Part no.       | Type           |
|  | Male thread M3               | For tubing outside diameter of 2 mm | 10           | 2.7 g          | 133032         | QSMLL-M3-2     |
|                                                                                     |                              | For tubing outer diameter of 3 mm   | 100          | 2.8 g          | 153337         | QSMLL-M3-3     |
|                                                                                     |                              |                                     |              | 133011         | QSMLL-M3-3-100 |                |
|                                                                                     |                              | For tubing outside diameter of 4 mm | 10           | 6.8 g          | 153338         | QSMLL-M3-4     |
|                                                                                     | Male thread M5               | For tubing outside diameter of 2 mm | 100          | 7.6 g          | 133033         | QSMLL-M5-2     |
|                                                                                     |                              | For tubing outer diameter of 3 mm   |              | 7.7 g          | 130838         | QSMLL-M5-3     |
|                                                                                     |                              |                                     |              | 133012         | QSMLL-M5-3-100 |                |
|                                                                                     |                              | For tubing outside diameter of 4 mm | 10           | 8.3 g          | ★ 153339       | QSMLL-M5-4     |
|                                                                                     |                              |                                     | 100          |                | 133013         | QSMLL-M5-4-100 |
|                                                                                     |                              | For tubing outside diameter of 6 mm | 10           | 9 g            | ★ 153341       | QSMLL-M5-6     |

## Ordering data

| Push-in L-fitting, long QSMLL, metric thread with sealing ring                   |                              |                                     |              |                |          |                |
|----------------------------------------------------------------------------------|------------------------------|-------------------------------------|--------------|----------------|----------|----------------|
|                                                                                  | Pneumatic connection, port 1 | Pneumatic connection, port 2        | Size of pack | Product weight | Part no. | Type           |
|  | Male thread M7               | For tubing outside diameter of 4 mm | 10           | 14 g           | 186354   | QSMLL-M7-4     |
|                                                                                  |                              |                                     | 100          |                | 133014   | QSMLL-M7-4-100 |
|                                                                                  |                              | For tubing outside diameter of 6 mm | 10           |                | 186355   | QSMLL-M7-6     |

| Push-in L-fitting, long, QSMLL, R thread                                         |                              |                                     |              |                |          |             |
|----------------------------------------------------------------------------------|------------------------------|-------------------------------------|--------------|----------------|----------|-------------|
|                                                                                  | Pneumatic connection, port 1 | Pneumatic connection, port 2        | Size of pack | Product weight | Part no. | Type        |
|  | Male thread R1/8             | For tubing outside diameter of 4 mm | 10           | 13 g           | 153340   | QSMLL-1/8-4 |
|                                                                                  |                              | For tubing outside diameter of 6 mm |              | 14 g           | 153342   | QSMLL-1/8-6 |

| Push-in L-fitting, long, QSMLL, G thread with sealing ring                         |                              |                                     |              |                |          |              |
|------------------------------------------------------------------------------------|------------------------------|-------------------------------------|--------------|----------------|----------|--------------|
|                                                                                    | Pneumatic connection, port 1 | Pneumatic connection, port 2        | Size of pack | Product weight | Part no. | Type         |
|  | Male thread G1/8             | For tubing outside diameter of 4 mm | 10           | 23 g           | 186270   | QSMLL-G1/8-4 |
|                                                                                    |                              | For tubing outside diameter of 6 mm |              |                | 186271   | QSMLL-G1/8-6 |

| Push-in L-fitting QSMLV-...-I, metric thread with sealing ring                     |                              |                                     |              |                |          |              |
|------------------------------------------------------------------------------------|------------------------------|-------------------------------------|--------------|----------------|----------|--------------|
|                                                                                    | Pneumatic connection, port 1 | Pneumatic connection, port 2        | Size of pack | Product weight | Part no. | Type         |
|  | Male thread M5               | For tubing outer diameter of 3 mm   | 10           | 5.1 g          | 130830   | QSMLV-M5-3-I |
|                                                                                    |                              |                                     |              | 5 g            | ★ 130831 | QSMLV-M5-4-I |
|                                                                                    | Male thread M7               | For tubing outside diameter of 4 mm |              | 7.4 g          | ★ 130832 | QSMLV-M7-4-I |
|                                                                                    |                              | For tubing outside diameter of 6 mm |              | 6.2 g          | ★ 130833 | QSMLV-M7-6-I |

| Push-in L-fitting, long QSMLLV-...-I, metric thread with sealing ring              |                              |                                   |              |                |          |               |
|------------------------------------------------------------------------------------|------------------------------|-----------------------------------|--------------|----------------|----------|---------------|
|                                                                                    | Pneumatic connection, port 1 | Pneumatic connection, port 2      | Size of pack | Product weight | Part no. | Type          |
|  | Male thread M5               | For tubing outer diameter of 3 mm | 10           | 13 g           | 130834   | QSMLLV-M5-3-I |

## Ordering data

| Push-in L-fitting, long QSMLLV-...-I, metric thread with sealing ring             |                              |                                     |              |                |          |               |
|-----------------------------------------------------------------------------------|------------------------------|-------------------------------------|--------------|----------------|----------|---------------|
|                                                                                   | Pneumatic connection, port 1 | Pneumatic connection, port 2        | Size of pack | Product weight | Part no. | Type          |
|  | Male thread M5               | For tubing outside diameter of 4 mm | 10           | 13 g           | ★ 130835 | QSMLLV-M5-4-I |
|                                                                                   | Male thread M7               | For tubing outside diameter of 4 mm |              | 14 g           | 130836   | QSMLLV-M7-4-I |
|                                                                                   |                              | For tubing outside diameter of 6 mm |              | 12.4 g         | 130837   | QSMLLV-M7-6-I |

| Push-in L-connector QSML                                                          |                                     |                                     |              |                |          |            |
|-----------------------------------------------------------------------------------|-------------------------------------|-------------------------------------|--------------|----------------|----------|------------|
|                                                                                   | Pneumatic connection, port 1        | Pneumatic connection, port 2        | Size of pack | Product weight | Part no. | Type       |
|  | For tubing outside diameter of 3 mm | For tubing outer diameter of 3 mm   | 10           | 1.5 g          | 153343   | QSML-3     |
|                                                                                   | For tubing outer diameter of 4 mm   | For tubing outside diameter of 4 mm | 100          | 2 g            | ★ 153344 | QSML-4     |
|                                                                                   |                                     |                                     |              |                | 130766   | QSML-4-100 |
|                                                                                   | For tubing outside diameter of 6 mm | For tubing outside diameter of 6 mm | 10           | 4 g            | ★ 153345 | QSML-6     |
|                                                                                   |                                     |                                     | 100          |                | 130767   | QSML-6-100 |
|                                                                                   |                                     |                                     |              |                |          |            |

| Push-in L-connector QSML-...H                                                       |                              |                                     |              |                |          |         |
|-------------------------------------------------------------------------------------|------------------------------|-------------------------------------|--------------|----------------|----------|---------|
|                                                                                     | Pneumatic connection, port 1 | Pneumatic connection, port 2        | Size of pack | Product weight | Part no. | Type    |
|  | Push-in sleeve Ø 3 mm        | For tubing outer diameter of 3 mm   | 10           | 1.7 g          | 153346   | QSML-3H |
|                                                                                     | Push-in sleeve Ø 4 mm        | For tubing outside diameter of 4 mm |              |                | ★ 153347 | QSML-4H |
|                                                                                     | Push-in sleeve Ø 6 mm        | For tubing outside diameter of 6 mm |              | 2.4 g          | ★ 153348 | QSML-6H |

| Push-in L-connector QSML-...H, reducing                                             |                              |                                     |              |                |          |           |
|-------------------------------------------------------------------------------------|------------------------------|-------------------------------------|--------------|----------------|----------|-----------|
|                                                                                     | Pneumatic connection, port 1 | Pneumatic connection, port 2        | Size of pack | Product weight | Part no. | Type      |
|  | Push-in sleeve Ø 4 mm        | For tubing outer diameter of 3 mm   | 10           | 1.7 g          | 153349   | QSML-4H-3 |
|                                                                                     | Push-in sleeve Ø 6 mm        | For tubing outside diameter of 4 mm |              | 1.9 g          | ★ 153350 | QSML-6H-4 |

| Push-in T-fitting QSMT, metric thread with sealing ring                             |                              |                                   |              |                |          |           |
|-------------------------------------------------------------------------------------|------------------------------|-----------------------------------|--------------|----------------|----------|-----------|
|                                                                                     | Pneumatic connection, port 1 | Pneumatic connection, port 2      | Size of pack | Product weight | Part no. | Type      |
|  | Male thread M3               | For tubing outer diameter of 3 mm | 10           | 2 g            | 153351   | QSMT-M3-3 |

## Ordering data

| Push-in T-fitting QSMT, metric thread with sealing ring                          |                              |                                     |              |                |          |               |
|----------------------------------------------------------------------------------|------------------------------|-------------------------------------|--------------|----------------|----------|---------------|
|                                                                                  | Pneumatic connection, port 1 | Pneumatic connection, port 2        | Size of pack | Product weight | Part no. | Type          |
|  | Male thread M3               | For tubing outside diameter of 4 mm | 10           | 4 g            | ★ 153353 | QSMT-M3-4     |
|                                                                                  | Male thread M5               | For tubing outer diameter of 3 mm   | 100          | 3.3 g          | 153352   | QSMT-M5-3     |
|                                                                                  |                              | For tubing outside diameter of 4 mm |              | 4.4 g          | ★ 153354 | QSMT-M5-4     |
|                                                                                  |                              | For tubing outside diameter of 6 mm | 10           | 5.6 g          | ★ 153356 | QSMT-M5-6     |
|                                                                                  |                              |                                     | 100          |                | 130784   | QSMT-M5-4-100 |
|                                                                                  |                              |                                     |              |                | 130785   | QSMT-M5-6-100 |

| Push-in T-fitting QSMT, R thread                                                 |                              |                                     |              |                |          |            |
|----------------------------------------------------------------------------------|------------------------------|-------------------------------------|--------------|----------------|----------|------------|
|                                                                                  | Pneumatic connection, port 1 | Pneumatic connection, port 2        | Size of pack | Product weight | Part no. | Type       |
|  | Male thread R1/8             | For tubing outside diameter of 4 mm | 10           | 7 g            | ★ 153355 | QSMT-1/8-4 |
|                                                                                  |                              | For tubing outside diameter of 6 mm |              | 8 g            | ★ 153357 | QSMT-1/8-6 |

| Push-in T-fitting QSMT, G thread with sealing ring                                 |                              |                                     |              |                |          |             |
|------------------------------------------------------------------------------------|------------------------------|-------------------------------------|--------------|----------------|----------|-------------|
|                                                                                    | Pneumatic connection, port 1 | Pneumatic connection, port 2        | Size of pack | Product weight | Part no. | Type        |
|  | Male thread G1/8             | For tubing outside diameter of 4 mm | 10           | 10 g           | 186272   | QSMT-G1/8-4 |
|                                                                                    |                              | For tubing outside diameter of 6 mm |              | 12 g           | 186273   | QSMT-G1/8-6 |

| Push-in T-fitting QSMTL, metric thread with sealing ring                           |                              |                                     |              |                |          |            |
|------------------------------------------------------------------------------------|------------------------------|-------------------------------------|--------------|----------------|----------|------------|
|                                                                                    | Pneumatic connection, port 1 | Pneumatic connection, port 2        | Size of pack | Product weight | Part no. | Type       |
|  | Male thread M3               | For tubing outer diameter of 3 mm   | 10           | 2 g            | 153358   | QSMTL-M3-3 |
|                                                                                    |                              | For tubing outside diameter of 4 mm |              | 4 g            | 153360   | QSMTL-M3-4 |
|                                                                                    | Male thread M5               | For tubing outer diameter of 3 mm   |              | 3.3 g          | 153359   | QSMTL-M5-3 |
|                                                                                    |                              | For tubing outside diameter of 4 mm |              | 4.4 g          | 153361   | QSMTL-M5-4 |
|                                                                                    |                              | For tubing outside diameter of 6 mm |              | 5.7 g          | 153363   | QSMTL-M5-6 |
|                                                                                    |                              |                                     |              |                |          |            |

## Ordering data

| Push-in T-fitting QSMTL, R thread                                                 |                              |                                     |              |                |          |             |
|-----------------------------------------------------------------------------------|------------------------------|-------------------------------------|--------------|----------------|----------|-------------|
|                                                                                   | Pneumatic connection, port 1 | Pneumatic connection, port 2        | Size of pack | Product weight | Part no. | Type        |
|  | Male thread R1/8             | For tubing outside diameter of 4 mm | 10           | 7 g            | 153362   | QSMTL-1/8-4 |
|                                                                                   |                              | For tubing outside diameter of 6 mm |              | 8.5 g          | 153364   | QSMTL-1/8-6 |

| Push-in T-fitting QSMTL, G thread with sealing ring                               |                              |                                     |              |                |          |              |
|-----------------------------------------------------------------------------------|------------------------------|-------------------------------------|--------------|----------------|----------|--------------|
|                                                                                   | Pneumatic connection, port 1 | Pneumatic connection, port 2        | Size of pack | Product weight | Part no. | Type         |
|  | Male thread G1/8             | For tubing outside diameter of 4 mm | 10           | 10 g           | 186274   | QSMTL-G1/8-4 |
|                                                                                   |                              | For tubing outside diameter of 6 mm |              | 12 g           | 186275   | QSMTL-G1/8-6 |

| Push-in T-connector QSMT                                                            |                                     |                                     |              |                |                    |                      |
|-------------------------------------------------------------------------------------|-------------------------------------|-------------------------------------|--------------|----------------|--------------------|----------------------|
|                                                                                     | Pneumatic connection, port 1        | Pneumatic connection, port 2        | Size of pack | Product weight | Part no.           | Type                 |
|  | For tubing outer diameter of 2 mm   | For tubing outside diameter of 2 mm | 10           | 1.6 g          | 133034             | QSMT-2               |
|                                                                                     | For tubing outside diameter of 3 mm | For tubing outer diameter of 3 mm   |              | 1.7 g          | 153365             | QSMT-3               |
|                                                                                     | For tubing outer diameter of 4 mm   | For tubing outside diameter of 4 mm |              | 3.3 g          | ★ 153366<br>130782 | QSMT-4<br>QSMT-4-100 |
|                                                                                     | For tubing outside diameter of 6 mm | For tubing outside diameter of 6 mm | 10           | 5.3 g          | ★ 153367           | QSMT-6               |
|                                                                                     |                                     |                                     | 100          |                | ★ 130783           | QSMT-6-100           |

| Push-in T-connector QSMT, reducing                                                  |                                     |                                                                          |              |                |          |          |
|-------------------------------------------------------------------------------------|-------------------------------------|--------------------------------------------------------------------------|--------------|----------------|----------|----------|
|                                                                                     | Pneumatic connection, port 1        | Pneumatic connection, port 2                                             | Size of pack | Product weight | Part no. | Type     |
|  | For tubing outer diameter of 4 mm   | For tubing outer diameter of 3 mm, For tubing outside diameter of 4 mm   | 10           | 3.5 g          | 153368   | QSMT-4-3 |
|                                                                                     | For tubing outside diameter of 6 mm | For tubing outside diameter of 4 mm, For tubing outside diameter of 6 mm |              | 4 g            | ★ 153369 | QSMT-6-4 |

| Push-in X connector QSMX                                                            |                                     |                                   |              |                |          |        |
|-------------------------------------------------------------------------------------|-------------------------------------|-----------------------------------|--------------|----------------|----------|--------|
|                                                                                     | Pneumatic connection, port 1        | Pneumatic connection, port 2      | Size of pack | Product weight | Part no. | Type   |
|  | For tubing outside diameter of 3 mm | For tubing outer diameter of 3 mm | 10           | 4 g            | 153378   | QSMX-3 |

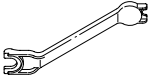
## Ordering data

| Push-in X connector QSMX                                                         |                                     |                                     |              |                |          |        |
|----------------------------------------------------------------------------------|-------------------------------------|-------------------------------------|--------------|----------------|----------|--------|
|                                                                                  | Pneumatic connection, port 1        | Pneumatic connection, port 2        | Size of pack | Product weight | Part no. | Type   |
|  | For tubing outer diameter of 4 mm   | For tubing outside diameter of 4 mm | 10           | 4 g            | 153379   | QSMX-4 |
|                                                                                  | For tubing outside diameter of 6 mm | For tubing outside diameter of 6 mm |              | 5 g            | 153380   | QSMX-6 |

| Push-in Y-connector QSMY                                                          |                                     |                                     |              |                |          |            |
|-----------------------------------------------------------------------------------|-------------------------------------|-------------------------------------|--------------|----------------|----------|------------|
|                                                                                   | Pneumatic connection, port 1        | Pneumatic connection, port 2        | Size of pack | Product weight | Part no. | Type       |
|  | For tubing outer diameter of 2 mm   | For tubing outside diameter of 2 mm | 10           | 1.7 g          | 133037   | QSMY-2     |
|                                                                                   | For tubing outside diameter of 3 mm | For tubing outer diameter of 3 mm   |              | 3.7 g          | 153370   | QSMY-3     |
|                                                                                   | For tubing outer diameter of 4 mm   | For tubing outside diameter of 4 mm |              | 3.5 g          | ★ 153371 | QSMY-4     |
|                                                                                   | For tubing outside diameter of 6 mm | For tubing outside diameter of 6 mm | 100          | 5.5 g          | ★ 130786 | QSMY-4-100 |
|                                                                                   |                                     |                                     | 10           |                | ★ 153372 | QSMY-6     |
|                                                                                   |                                     |                                     | 100          |                | ★ 130787 | QSMY-6-100 |

| Push-in Y-connector QSMY, reducing                                                  |                                     |                                     |              |                |          |          |
|-------------------------------------------------------------------------------------|-------------------------------------|-------------------------------------|--------------|----------------|----------|----------|
|                                                                                     | Pneumatic connection, port 1        | Pneumatic connection, port 2        | Size of pack | Product weight | Part no. | Type     |
|  | For tubing outer diameter of 4 mm   | For tubing outer diameter of 3 mm   | 10           | 3.6 g          | 153373   | QSMY-4-3 |
|                                                                                     | For tubing outside diameter of 6 mm | For tubing outside diameter of 4 mm |              | 5.3 g          | ★ 153374 | QSMY-6-4 |

## Accessories

| Release tool QS0                                                                  |                 |                                                                                               |                |               |      |
|-----------------------------------------------------------------------------------|-----------------|-----------------------------------------------------------------------------------------------|----------------|---------------|------|
|                                                                                   | Short type code | Size                                                                                          | Product weight | Part no.      | Type |
|  | QS0             | For tubing O.D. 4 mm<br>For tubing O.D. 6 mm<br>For tubing O.D. 8 mm<br>For tubing O.D. 10 mm | 13 g           | <b>158419</b> | QS0  |