

## Threaded fittings







**FESTO**



# Threaded fittings






Product range overview

FESTO

| Design                                                                              | Version                                                                           | Type             | Connection D1 |          |          | Connection D2 |                  |          | → Page/<br>Internet |      |
|-------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|------------------|---------------|----------|----------|---------------|------------------|----------|---------------------|------|
|                                                                                     |                                                                                   |                  | M thread      | G thread | R thread | M thread      | G thread         | R thread |                     |      |
| Straight<br>type                                                                    | <b>Blanking plug</b>                                                              |                  |               |          |          |               |                  |          |                     |      |
|                                                                                     |  | B                | M3            | -        | -        | -             | -                | -        | 4                   |      |
|                                                                                     |                                                                                   |                  | M5            |          |          |               |                  |          |                     |      |
|                                                                                     |                                                                                   |                  | M7            |          |          |               |                  |          |                     |      |
|                                                                                     |                                                                                   |                  | -             |          |          |               |                  |          |                     | G1/8 |
|                                                                                     |                                                                                   |                  |               |          |          |               |                  |          |                     | G1/4 |
|                                                                                     |                                                                                   |                  |               |          |          |               |                  |          |                     | G3/8 |
|                                                                                     |                                                                                   |                  |               |          |          |               |                  |          |                     | G1/2 |
|                                                                                     |                                                                                   |                  | G3/4          |          |          |               |                  |          |                     |      |
|                                                                                     |                                                                                   |                  | G1            |          |          |               |                  |          |                     |      |
|                                                                                     | <b>Reducing nipple – Male thread/female thread</b>                                |                  |               |          |          |               |                  |          |                     |      |
|                                                                                     |  | D                | M5            | -        | -        | M7            | -                | -        | 5                   |      |
|                                                                                     |  | D                | M3            | -        | -        | M5            | -                | -        | 6                   |      |
|                                                                                     |                                                                                   |                  | M5            |          |          |               |                  |          |                     |      |
|                                                                                     |                                                                                   |                  | M7            |          |          |               |                  |          |                     |      |
|                                                                                     | -                                                                                 |                  | G1/8          |          |          |               |                  |          |                     |      |
|                                                                                     |                                                                                   |                  | G1/4          |          |          |               |                  |          |                     |      |
|                                                                                     |                                                                                   |                  | G3/8          |          |          |               |                  |          |                     |      |
|                                                                                     |                                                                                   |                  | G1/2          |          |          |               |                  |          |                     |      |
|                                                                                     |                                                                                   | G3/4             |               |          |          |               |                  |          |                     |      |
|                                                                                     |                                                                                   | G1/8             |               |          |          |               |                  |          |                     |      |
|                                                                                     |                                                                                   | G1/4, G3/8       |               |          |          |               |                  |          |                     |      |
|                                                                                     |                                                                                   | G1/4, G3/4       |               |          |          |               |                  |          |                     |      |
|                                                                                     |                                                                                   | G3/8, G1/2, G3/4 |               |          |          |               |                  |          |                     |      |
|                                                                                     |                                                                                   | G1/2, G3/4       |               |          |          |               |                  |          |                     |      |
|                                                                                     |                                                                                   | G3/4, G1         |               |          |          |               |                  |          |                     |      |
|                                                                                     |                                                                                   | G1               |               |          |          |               |                  |          |                     |      |
| <b>Double nipple</b>                                                                |                                                                                   |                  |               |          |          |               |                  |          |                     |      |
|  | E                                                                                 | M3               | -             | -        | M3       | -             | -                | 7        |                     |      |
|                                                                                     |                                                                                   | M5               |               |          |          |               |                  |          |                     |      |
|                                                                                     |                                                                                   | M7               |               |          |          |               |                  |          |                     |      |
|                                                                                     |                                                                                   | -                |               |          |          |               |                  |          | G1/8                |      |
|                                                                                     |                                                                                   |                  |               |          |          |               |                  |          | G1/4                |      |
|                                                                                     |                                                                                   |                  |               |          |          |               |                  |          | G3/8                |      |
|                                                                                     |                                                                                   |                  |               |          |          |               |                  |          | G1/2                |      |
|                                                                                     |                                                                                   | G3/4             |               |          |          |               |                  |          |                     |      |
|                                                                                     |                                                                                   | G1/8             |               |          |          |               |                  |          |                     |      |
|                                                                                     |                                                                                   | G1/4, G3/8       |               |          |          |               |                  |          |                     |      |
|                                                                                     |                                                                                   | G1/4, G3/8, G1/2 |               |          |          |               |                  |          |                     |      |
|                                                                                     |                                                                                   | G3/8, G1/2       |               |          |          |               |                  |          |                     |      |
|                                                                                     |                                                                                   | G1/2, G3/4       |               |          |          |               |                  |          |                     |      |
|                                                                                     |                                                                                   | G3/4             |               |          |          |               |                  |          |                     |      |
|  | ESK                                                                               | -                | -             | R1/8     | -        | -             | R1/8, R1/4, R3/8 | 8        |                     |      |
|                                                                                     |                                                                                   |                  |               | R1/4     |          |               | R1/4, R3/8, R1/2 |          |                     |      |
|                                                                                     |                                                                                   |                  |               | R3/8     |          |               | R3/8, R1/2       |          |                     |      |
|                                                                                     |                                                                                   |                  |               | R1/2     |          |               | R1/2             |          |                     |      |
| <b>Bulkhead fitting</b>                                                             |                                                                                   |                  |               |          |          |               |                  |          |                     |      |
|  | SCM                                                                               | M5               | -             | -        | -        | -             | -                | 8        |                     |      |
|                                                                                     |                                                                                   | -                |               |          |          |               |                  |          | G1/8                |      |
|                                                                                     |                                                                                   |                  |               |          |          |               |                  |          | G1/4                |      |
|                                                                                     |                                                                                   |                  |               |          |          |               |                  |          | G3/8                |      |
|                                                                                     |                                                                                   |                  |               |          |          |               |                  |          | G1/2                |      |

# Threaded fittings

Product range overview

| Design                                                                            | Version                                                                             | Type | Connection D1 |          |          | Connection D2 |          |          | → Page/<br>Internet |
|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|------|---------------|----------|----------|---------------|----------|----------|---------------------|
|                                                                                   |                                                                                     |      | M thread      | G thread | R thread | M thread      | G thread | R thread |                     |
| Straight type                                                                     | <b>Sleeve</b>                                                                       |      |               |          |          |               |          |          |                     |
|                                                                                   |    | QM   | M5            | –        | –        | –             | –        | –        | 9                   |
|                                                                                   |                                                                                     |      | –             | G1/8     |          |               |          |          |                     |
|                                                                                   |                                                                                     |      |               | G1/4     |          |               |          |          |                     |
|                                                                                   |                                                                                     |      |               | G3/8     |          |               |          |          |                     |
|                                                                                   |                                                                                     |      |               | G1/2     |          |               |          |          |                     |
|                                                                                   |                                                                                     |      |               | G3/4     |          |               |          |          |                     |
|                                                                                   |                                                                                     | G1   |               |          |          |               |          |          |                     |
|                                                                                   |    | QM   | M5            | –        | –        | M5            | –        | –        | 9                   |
|                                                                                   |                                                                                     |      | –             | G1/8     |          |               | G1/8     |          |                     |
|                                                                                   |                                                                                     |      | G1/4          | G1/4     |          |               |          |          |                     |
|                                                                                   |                                                                                     |      | G3/8          | G3/8     |          |               |          |          |                     |
|                                                                                   |                                                                                     |      | G1/2          | G1/2     |          |               |          |          |                     |
|                                                                                   |                                                                                     |      |               |          |          |               |          |          |                     |
| <b>Reducing sleeve</b>                                                            |                                                                                     |      |               |          |          |               |          |          |                     |
|  | QMR                                                                                 | –    | G1/8          | –        | M5       | –             | –        | 10       |                     |
|                                                                                   |                                                                                     |      | G1/4          |          | –        | G1/8          |          |          |                     |
|                                                                                   |                                                                                     |      | G3/8          |          |          | G1/4          |          |          |                     |
|                                                                                   |                                                                                     |      | G1/2          |          |          | G3/8          |          |          |                     |
| L-shape                                                                           | <b>Elbow fitting</b>                                                                |      |               |          |          |               |          |          |                     |
|                                                                                   |  | LJK  | –             | G1/8     | –        | –             | –        | –        | 11                  |
|                                                                                   |                                                                                     |      |               | G1/4     |          |               |          |          |                     |
|                                                                                   |                                                                                     |      |               | G3/8     |          |               |          |          |                     |
|                                                                                   |                                                                                     |      | G1/2          |          |          |               |          |          |                     |
| T-type                                                                            | <b>T-fitting</b>                                                                    |      |               |          |          |               |          |          |                     |
|                                                                                   |  | TJK  | M3            | –        | –        | –             | –        | –        | 11                  |
|                                                                                   |                                                                                     |      | –             | G1/8     |          |               |          |          |                     |
|                                                                                   |                                                                                     |      |               | G1/4     |          |               |          |          |                     |
|                                                                                   |                                                                                     |      |               | G3/8     |          |               |          |          |                     |
|                                                                                   | G1/2                                                                                |      |               |          |          |               |          |          |                     |

# Threaded fittings

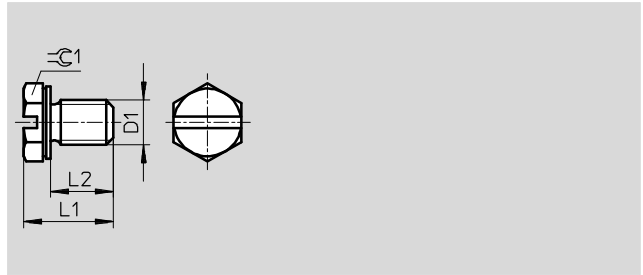
Technical data

FESTO

## Blanking plug B-M3-S9 with sealing ring

Material:  
High-alloy stainless steel

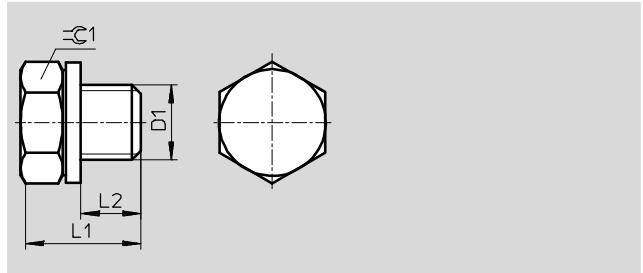
Note on materials:  
Free of copper and PTFE



## Blanking plug B-M5 with sealing ring

Material:  
Aluminium

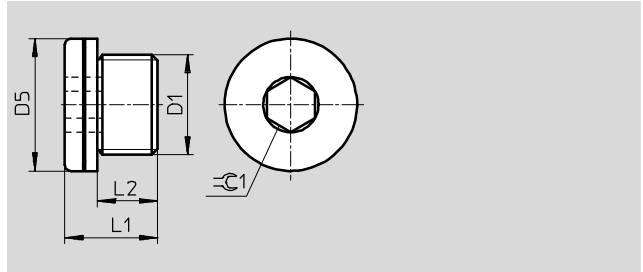
Note on materials:  
Free of copper and PTFE



## Blanking plug B with sealing ring

Material:  
Steel

Note on materials:  
Free of copper and PTFE



| Dimensions and ordering data  |     |     |       |     |                     |          |                                                   |                  |
|-------------------------------|-----|-----|-------|-----|---------------------|----------|---------------------------------------------------|------------------|
| Pneumatic connection          | D5  | L1  | L2    | ≡C1 | Weight/piece<br>[g] | Part No. | Type                                              | PU <sup>1)</sup> |
| D1                            | ∅   |     |       |     |                     |          |                                                   |                  |
| <b>M thread</b>               |     |     |       |     |                     |          |                                                   |                  |
| M3                            | -   | 5.3 | 2.8   | 4.5 | 1                   | 30979    | B-M3-S9 <sup>2)</sup>                             | 10               |
| M5                            | -   | 7.8 | 3.8   | 7   | 1                   | 3843     | B-M5                                              | 10               |
|                               |     | 8   | 6.3   | 3.8 | 2.5                 | 2        | 534212                                            | B-M5-100         |
| M7                            | 9.5 | 7.8 | 5.3   | 3   | 2                   | 174308   | B-M5-B                                            | 10               |
|                               |     |     |       |     |                     |          | 174309                                            | B-M7             |
| <b>G thread</b>               |     |     |       |     |                     |          |                                                   |                  |
| G <sup>1</sup> / <sub>8</sub> | 14  | 11  | 6.4   | 5   | 5                   | 3568     | B- <sup>1</sup> / <sub>8</sub> <sup>3)</sup>      | 10               |
|                               |     |     |       |     |                     | 534213   | B- <sup>1</sup> / <sub>8</sub> -100 <sup>3)</sup> | 100              |
| G <sup>1</sup> / <sub>4</sub> | 18  | 15  | 9.8   | 6   | 15                  | 3569     | B- <sup>1</sup> / <sub>4</sub> <sup>3)</sup>      | 10               |
|                               |     |     |       |     |                     | 534214   | B- <sup>1</sup> / <sub>4</sub> -50 <sup>3)</sup>  | 50               |
| G <sup>3</sup> / <sub>8</sub> | 22  | 15  | 9.8   | 8   | 22                  | 3570     | B- <sup>3</sup> / <sub>8</sub> <sup>3)</sup>      | 10               |
|                               |     |     |       |     |                     | 534215   | B- <sup>3</sup> / <sub>8</sub> -20 <sup>3)</sup>  | 20               |
| G <sup>1</sup> / <sub>2</sub> | 26  | 18  | 11.65 | 10  | 43                  | 3571     | B- <sup>1</sup> / <sub>2</sub> <sup>3)</sup>      | 10               |
|                               |     |     |       |     |                     | 534216   | B- <sup>1</sup> / <sub>2</sub> -20 <sup>3)</sup>  | 20               |
| G <sup>3</sup> / <sub>4</sub> | 32  | 20  | 13.05 | 12  | 73                  | 3572     | B- <sup>3</sup> / <sub>4</sub> <sup>3)</sup>      | 1                |
| G1                            | 39  | 21  | 14    | 17  | 153                 | 5763     | B-1                                               | 1                |

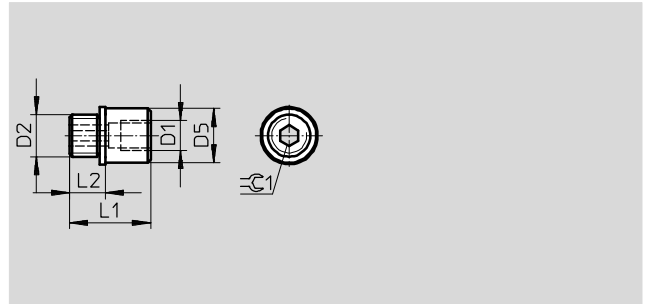
1) Packaging unit quantity  
2) Corrosion and acid resistant version  
3) RoHS-compliant

# Threaded fittings

Technical data

## Reducing nipple D with sealing ring

Material:  
Brass



| Dimensions and ordering data |    |    |      |     |                      |                     |          |               |                  |
|------------------------------|----|----|------|-----|----------------------|---------------------|----------|---------------|------------------|
| Pneumatic connection         |    | D5 | L1   | L2  | $\approx \text{C} 1$ | Weight/piece<br>[g] | Part No. | Type          | PU <sup>1)</sup> |
| D1                           | D2 |    |      |     |                      |                     |          |               |                  |
| M5                           | M7 | 9  | 13.3 | 5.3 | 3                    | 43                  | 161359   | D-M5I-M7A-ISK | 10               |

1) Packaging unit quantity

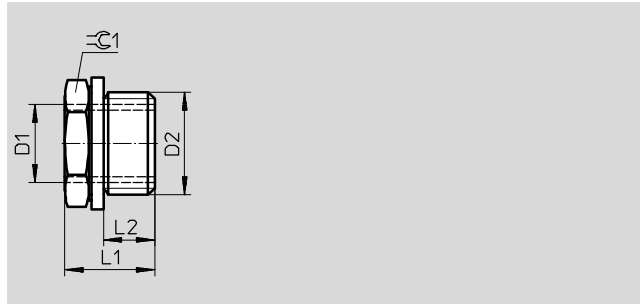
# Threaded fittings

Technical data

FESTO

## Reducing nipple D with sealing ring

Note on materials:  
RoHS-compliant



| Dimensions and ordering data          |                 |      |      |     |                     |          |                                         |                  |
|---------------------------------------|-----------------|------|------|-----|---------------------|----------|-----------------------------------------|------------------|
| Pneumatic connection                  |                 | L1   | L2   | ≈C1 | Weight/piece<br>[g] | Part No. | Type                                    | PU <sup>1)</sup> |
| D1                                    | D2              |      |      |     |                     |          |                                         |                  |
| M thread – High-alloy stainless steel |                 |      |      |     |                     |          |                                         |                  |
| M3                                    | M5              | 6.3  | 3.8  | 7   | 1                   | 30980    | D-M3I-M5A-S9 <sup>2)</sup>              | 10               |
| M thread – Brass                      |                 |      |      |     |                     |          |                                         |                  |
| M5                                    | G $\frac{1}{8}$ | 9.5  | 4.9  | 13  | 10                  | 3842     | D-M5I- $\frac{1}{8}$ A                  | 10               |
|                                       |                 |      |      |     |                     | 534208   | D-M5I- $\frac{1}{8}$ A-100              | 100              |
|                                       | G $\frac{1}{4}$ | 12   | 5.8  | 17  | 12                  | 197632   | D-M5I- $\frac{1}{4}$ A                  | 10               |
| M7                                    | G $\frac{1}{8}$ | 9.5  | 4.9  | 13  | –                   | 534144   | D-M7I- $\frac{1}{8}$ A                  | 10               |
| G thread – Brass                      |                 |      |      |     |                     |          |                                         |                  |
| G $\frac{1}{8}$                       | G $\frac{1}{4}$ | 12   | 5.8  | 17  | 8                   | 3577     | D- $\frac{1}{8}$ I- $\frac{1}{4}$ A     | 10               |
|                                       |                 |      |      |     |                     | 534209   | D- $\frac{1}{8}$ I- $\frac{1}{4}$ A-100 | 100              |
|                                       | G $\frac{3}{8}$ | 14   | 6.8  | 19  | –                   | 534147   | D- $\frac{1}{8}$ I- $\frac{3}{8}$ A     | 10               |
| G $\frac{1}{4}$                       | G $\frac{3}{8}$ | 14   | 6.8  | 19  | 14                  | 3581     | D- $\frac{1}{4}$ I- $\frac{3}{8}$ A     | 10               |
|                                       |                 |      |      |     |                     | 534210   | D- $\frac{1}{4}$ I- $\frac{3}{8}$ A-50  | 50               |
|                                       | G $\frac{1}{2}$ | 15.5 | 8.15 | 24  | 36                  | 197633   | D- $\frac{1}{4}$ I- $\frac{1}{2}$ A     | 10               |
|                                       | G $\frac{3}{4}$ | 20.4 | 9.05 | 32  | –                   | 534145   | D- $\frac{1}{4}$ I- $\frac{3}{4}$ A     | 10               |
| G $\frac{3}{8}$                       | G $\frac{1}{2}$ | 15.5 | 8.15 | 24  | 25                  | 3585     | D- $\frac{3}{8}$ I- $\frac{1}{2}$ A     | 10               |
|                                       |                 |      |      |     |                     | 534211   | D- $\frac{3}{8}$ I- $\frac{1}{2}$ A-20  | 20               |
|                                       | G $\frac{3}{4}$ | 20.4 | 9.05 | 32  | –                   | 534146   | D- $\frac{3}{8}$ I- $\frac{3}{4}$ A     | 10               |
| G $\frac{1}{2}$                       | G $\frac{3}{4}$ | 20.4 | 9.05 | 32  | 45                  | 3588     | D- $\frac{1}{2}$ I- $\frac{3}{4}$ A     | 1                |
|                                       | G1              | 21   | 11   | 36  | 110                 | 197634   | D- $\frac{1}{2}$ I-1A                   | 1                |
| G $\frac{3}{4}$                       | G1              | 21   | 11   | 36  | 55                  | 9168     | D- $\frac{3}{4}$ I-1A                   | 1                |
| G thread – Wrought aluminium alloy    |                 |      |      |     |                     |          |                                         |                  |
| G $\frac{1}{8}$                       | G $\frac{1}{4}$ | 12   | 5.8  | 17  | 7                   | 183585   | D- $\frac{1}{8}$ I- $\frac{1}{4}$ A-AL  | 1                |
| G $\frac{1}{4}$                       | G $\frac{3}{8}$ | 14   | 6.8  | 19  | 8                   | 183586   | D- $\frac{1}{4}$ I- $\frac{3}{8}$ A-AL  | 1                |
| G $\frac{3}{8}$                       | G $\frac{1}{2}$ | 15.5 | 8.15 | 24  | 10                  | 183587   | D- $\frac{3}{8}$ I- $\frac{1}{2}$ A-AL  | 1                |
| G $\frac{1}{2}$                       | G $\frac{3}{4}$ | 20.4 | 9.05 | 32  | 24                  | 183588   | D- $\frac{1}{2}$ I- $\frac{3}{4}$ A-AL  | 1                |
| G $\frac{3}{4}$                       | G1              | 21   | 11   | 36  | 26                  | 183589   | D- $\frac{3}{4}$ I-1A-AL                | 1                |

1) Packaging unit quantity  
2) Free of copper and PTFE

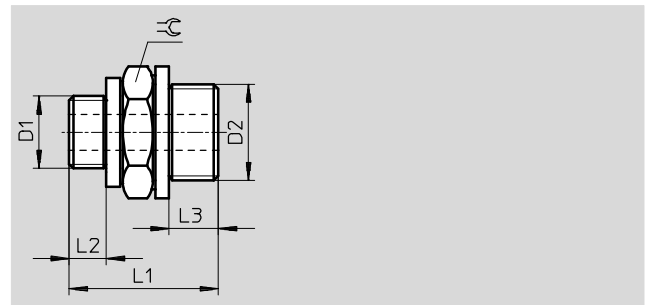
# Threaded fittings

Technical data

FESTO

## Double nipple E with 2 sealing rings

Note on materials:  
RoHS-compliant



| Dimensions and ordering data          |      |              |      |      |      |     |                  |          |                             |                  |
|---------------------------------------|------|--------------|------|------|------|-----|------------------|----------|-----------------------------|------------------|
| Pneumatic connection                  |      | Nominal size | L1   | L2   | L3   | ≈   | Weight/piece [g] | Part No. | Type                        | PU <sup>1)</sup> |
| D1                                    | D2   |              |      |      |      |     |                  |          |                             |                  |
| M thread – High-alloy stainless steel |      |              |      |      |      |     |                  |          |                             |                  |
| M3                                    | M3   | 1.7          | 10   | 2.8  | 2.8  | 4.5 | 1                | 30987    | E-M3-M3-S9 <sup>2)</sup> 3) | 10               |
| M thread – Steel                      |      |              |      |      |      |     |                  |          |                             |                  |
| M5                                    | M5   | 2.5          | 12.6 | 3.8  | 3.8  | 7   | 2                | 4139     | E-M5-M5 <sup>3)</sup>       | 10               |
|                                       | G1/8 | 2.5          | 15.3 | 3.8  | 4.9  | 13  | 1                | 4138     | E-M5-1/8 <sup>3)</sup>      | 10               |
|                                       |      |              |      |      |      |     |                  | 534204   | E-M5-1/8-100 <sup>3)</sup>  | 100              |
| G thread – Wrought aluminium alloy    |      |              |      |      |      |     |                  |          |                             |                  |
| G1/8                                  | G1/8 | 4.5          | 17   | 4.9  | 4.9  | 13  | 1                | 3573     | E-1/8-1/8 <sup>3)</sup>     | 10               |
|                                       | G1/4 | 4.5          | 19.5 | 4.9  | 5.8  | 17  | 1                | 3574     | E-1/8-1/4 <sup>3)</sup>     | 10               |
|                                       |      |              |      |      |      |     |                  | 534205   | E-1/8-1/4-100 <sup>3)</sup> | 100              |
| G1/4                                  | G1/4 | 6.5          | 21   | 5.8  | 5.8  | 17  | 1                | 3575     | E-1/4-1/4 <sup>3)</sup>     | 10               |
|                                       | G3/8 | 6.5          | 22   | 5.8  | 6.8  | 19  | 10               | 3576     | E-1/4-3/8 <sup>3)</sup>     | 10               |
|                                       |      |              |      |      |      |     |                  | 534206   | E-1/4-3/8-50 <sup>3)</sup>  | 50               |
| G3/8                                  | G3/8 | 9.0          | 23   | 6.8  | 6.8  | 19  | 10               | 3578     | E-3/8-3/8 <sup>3)</sup>     | 10               |
|                                       | G1/2 | 9.0          | 26.5 | 6.8  | 8.15 | 24  | 20               | 3579     | E-3/8-1/2 <sup>3)</sup>     | 1                |
|                                       |      |              |      |      |      |     |                  | 534207   | E-3/8-1/2-20 <sup>3)</sup>  | 20               |
| G1/2                                  | G1/2 | 13.0         | 28   | 8.15 | 8.15 | 24  | 20               | 3580     | E-1/2-1/2 <sup>3)</sup>     | 1                |
|                                       | G3/4 | 13.0         | 30.5 | 8.5  | 9.05 | 32  | 35               | 3582     | E-1/2-3/4 <sup>3)</sup>     | 1                |
| G3/4                                  | G3/4 | 18.0         | 32   | 9.5  | 9.05 | 32  | 30               | 3584     | E-3/4-3/4 <sup>3)</sup>     | 1                |
| M thread – Brass                      |      |              |      |      |      |     |                  |          |                             |                  |
| M7                                    | G1/8 | 4.5          | 17.7 | 5.3  | 4.9  | 13  |                  | 534148   | E-M7-1/8-MS                 | 10               |
| G thread – Brass                      |      |              |      |      |      |     |                  |          |                             |                  |
| G1/8                                  | G1/8 | 4.5          | 17   | 4.9  | 4.9  | 13  | 10               | 15621    | E-1/8-1/8-MS                | 10               |
|                                       | G1/4 | 4.5          | 19.5 | 4.9  | 5.8  | 17  | 20               | 15622    | E-1/8-1/4-MS                | 10               |
|                                       | G3/8 | 5.3          | 20.4 | 4.9  | 6.8  | 19  | 25               | 534150   | E-1/8-3/8-MS                | 10               |
| G1/4                                  | G1/4 | 6.5          | 21   | 5.8  | 5.8  | 17  | 20               | 15623    | E-1/4-1/4-MS                | 10               |
|                                       | G3/8 | 6.5          | 22   | 5.8  | 6.8  | 19  | 30               | 15624    | E-1/4-3/8-MS                | 10               |
|                                       | G1/2 | 8            | 25.5 | 5.8  | 8.15 | 24  | 30               | 534149   | E-1/4-1/2-MS                | 10               |
| G3/8                                  | G3/8 | 9            | 23   | 6.8  | 6.8  | 19  | 30               | 15625    | E-3/8-3/8-MS                | 10               |
|                                       | G1/2 | 9            | 26.5 | 6.8  | 8.15 | 24  | 53               | 15626    | E-3/8-1/2-MS                | 1                |
| G1/2                                  | G1/2 | 13           | 28   | 8.15 | 8.15 | 24  | 52               | 15627    | E-1/2-1/2-MS                | 1                |
|                                       | G3/4 | 13           | 30.5 | 8.15 | 9.05 | 32  | 100              | 15628    | E-1/2-3/4-MS                | 1                |
| G3/4                                  | G3/4 | 18           | 32   | 9.05 | 9.05 | 32  | 100              | 15629    | E-3/4-3/4-MS                | 1                |

- 1) Packaging unit quantity
- 2) Corrosion and acid resistant version
- 3) Free of copper and PTFE

# Threaded fittings

Technical data

FESTO

## Double nipple ESK

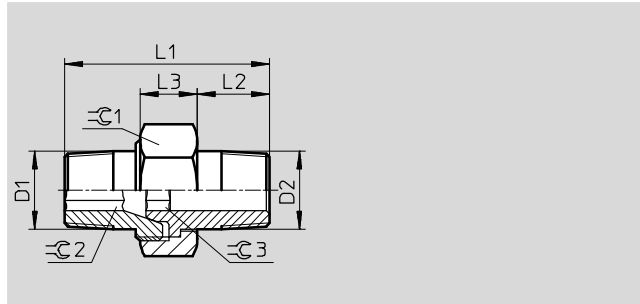
adjustable for angular compensation

Material:

Brass

Note on materials:

RoHS-compliant



| Dimensions and ordering data  |                               |      |    |     |     |     |     |          |                                                                |                  |
|-------------------------------|-------------------------------|------|----|-----|-----|-----|-----|----------|----------------------------------------------------------------|------------------|
| Pneumatic connection          |                               | L1   | L2 | L3  | ⊖C1 | ⊖C2 | ⊖C3 | Part No. | Type                                                           | PU <sup>1)</sup> |
| D1                            | D2                            |      |    |     |     |     |     |          |                                                                |                  |
| R <sup>1</sup> / <sub>8</sub> | R <sup>1</sup> / <sub>8</sub> | 27   | 9  | 8.5 | 15  | 5   | 5   | 151520   | ESK- <sup>1</sup> / <sub>8</sub> - <sup>1</sup> / <sub>8</sub> | 1                |
|                               | R <sup>1</sup> / <sub>4</sub> | 30.6 | 12 | 9.5 | 19  | 5   | 6   | 534151   | ESK- <sup>1</sup> / <sub>8</sub> - <sup>1</sup> / <sub>4</sub> | 1                |
|                               | R <sup>3</sup> / <sub>8</sub> | 34.5 | 13 | 10  | 22  | 5   | 8   | 534155   | ESK- <sup>1</sup> / <sub>8</sub> - <sup>3</sup> / <sub>8</sub> | 1                |
| R <sup>1</sup> / <sub>4</sub> | R <sup>1</sup> / <sub>4</sub> | 34   | 12 | 9.5 | 19  | 6   | 6   | 151521   | ESK- <sup>1</sup> / <sub>4</sub> - <sup>1</sup> / <sub>4</sub> | 1                |
|                               | R <sup>3</sup> / <sub>8</sub> | 36   | 13 | 10  | 22  | 6   | 8   | 534152   | ESK- <sup>1</sup> / <sub>4</sub> - <sup>3</sup> / <sub>8</sub> | 1                |
|                               | R <sup>1</sup> / <sub>2</sub> | 40.5 | 16 | 12  | 27  | 6   | 12  | 534153   | ESK- <sup>1</sup> / <sub>4</sub> - <sup>1</sup> / <sub>2</sub> | 1                |
| R <sup>3</sup> / <sub>8</sub> | R <sup>3</sup> / <sub>8</sub> | 36   | 13 | 10  | 22  | 8   | 8   | 151522   | ESK- <sup>3</sup> / <sub>8</sub> - <sup>3</sup> / <sub>8</sub> | 1                |
|                               | R <sup>1</sup> / <sub>2</sub> | 44   | 16 | 12  | 27  | 8   | 12  | 534154   | ESK- <sup>3</sup> / <sub>8</sub> - <sup>1</sup> / <sub>2</sub> | 1                |
| R <sup>1</sup> / <sub>2</sub> | R <sup>1</sup> / <sub>2</sub> | 44   | 16 | 12  | 27  | 12  | 12  | 151523   | ESK- <sup>1</sup> / <sub>2</sub> - <sup>1</sup> / <sub>2</sub> | 1                |

1) Packaging unit quantity

## Bulkhead fitting SCM

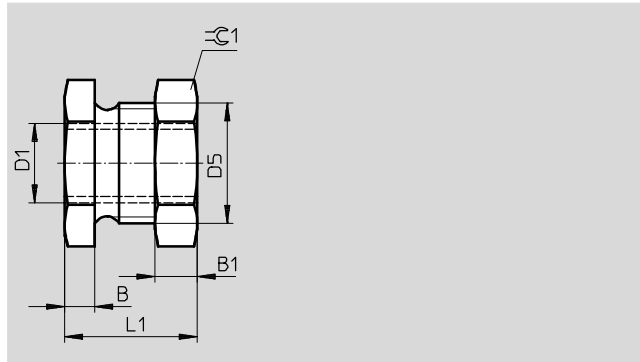
Material:

Anodised wrought aluminium alloy

Note on materials:

RoHS-compliant

Free of copper and PTFE



| Dimensions and ordering data  |         |   |      |      |     |                  |          |                                  |                  |
|-------------------------------|---------|---|------|------|-----|------------------|----------|----------------------------------|------------------|
| Pneumatic connection          | D5      | B | B1   | L1   | ⊖C1 | Weight/piece [g] | Part No. | Type                             | PU <sup>1)</sup> |
| D1                            |         |   |      |      |     |                  |          |                                  |                  |
| M5                            | M10x1   | 4 | 3.5  | 15.5 | 13  | 5                | 9969     | SCM-M5                           | 1                |
| G <sup>1</sup> / <sub>8</sub> | M14x1.5 | 5 | 5    | 20   | 17  | 10               | 9970     | SCM- <sup>1</sup> / <sub>8</sub> | 1                |
| G <sup>1</sup> / <sub>4</sub> | M20x1.5 | 5 | 7    | 22   | 24  | 28               | 9971     | SCM- <sup>1</sup> / <sub>4</sub> | 1                |
| G <sup>3</sup> / <sub>8</sub> | M24x1.5 | 8 | 8.5  | 26.5 | 27  | 34               | 9972     | SCM- <sup>3</sup> / <sub>8</sub> | 1                |
| G <sup>1</sup> / <sub>2</sub> | M30x1.5 | 8 | 10.5 | 28.5 | 36  | 78               | 9973     | SCM- <sup>1</sup> / <sub>2</sub> | 1                |

1) Packaging unit quantity



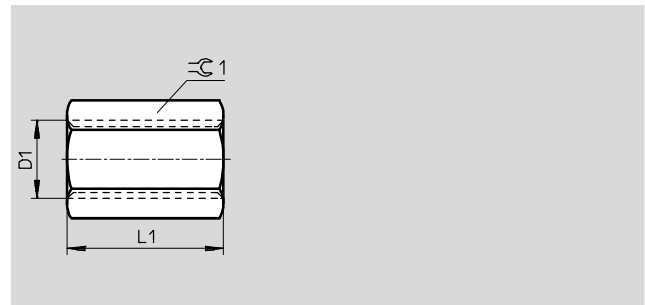
# Threaded fittings

Technical data

## Pipe coupling sleeve QM

Material:  
Blue anodised aluminium  
QM-M5-M5:  
Steel

Note on materials:  
Free of copper and PTFE  
RoHS-compliant



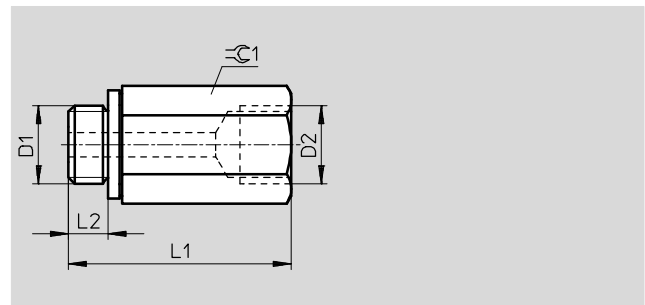
| Dimensions and ordering data |    |                         |                  |          |                                   |                  |
|------------------------------|----|-------------------------|------------------|----------|-----------------------------------|------------------|
| Pneumatic connection         | L1 | $\approx \varnothing 1$ | Weight/piece [g] | Part No. | Type                              | PU <sup>1)</sup> |
| D1                           |    |                         |                  |          |                                   |                  |
| M5                           | 12 | 7                       | 1                | 3560     | QM-M5-M5                          | 10               |
| G $\frac{1}{8}$              | 22 | 13                      | 6                | 2254     | QM- $\frac{1}{8}$ - $\frac{1}{8}$ | 10               |
| G $\frac{1}{4}$              | 26 | 17                      | 9                | 2255     | QM- $\frac{1}{4}$ - $\frac{1}{4}$ | 10               |
| G $\frac{3}{8}$              | 32 | 22                      | 19               | 2256     | QM- $\frac{3}{8}$ - $\frac{3}{8}$ | 10               |
| G $\frac{1}{2}$              | 36 | 27                      | 31               | 2257     | QM- $\frac{1}{2}$ - $\frac{1}{2}$ | 1                |
| G $\frac{3}{4}$              | 36 | 32                      | 36               | 4226     | QM- $\frac{3}{4}$ - $\frac{3}{4}$ | 1                |
| G1                           | 40 | 41                      | 80               | 9968     | QM-1-1                            | 1                |

1) Packaging unit quantity

## Pipe coupling sleeve QM with sealing ring

Material:  
Anodised wrought aluminium alloy  
QM-M5-A/I:  
Steel

Note on materials:  
RoHS-compliant  
Free of copper and PTFE



| Dimensions and ordering data |                 |      |      |                         |                  |          |                        |                  |
|------------------------------|-----------------|------|------|-------------------------|------------------|----------|------------------------|------------------|
| Pneumatic connection         |                 | L1   | L2   | $\approx \varnothing 1$ | Weight/piece [g] | Part No. | Type                   | PU <sup>1)</sup> |
| D1                           | D2              |      |      |                         |                  |          |                        |                  |
| M5                           | M5              | 18.5 | 3.8  | 7                       | 4                | 36169    | QM-M5-A/I              | 10               |
| G $\frac{1}{8}$              | G $\frac{1}{8}$ | 25.6 | 4.9  | 13                      | 7                | 36170    | QM- $\frac{1}{8}$ -A/I | 10               |
| G $\frac{1}{4}$              | G $\frac{1}{4}$ | 36   | 5.8  | 17                      | 15               | 36171    | QM- $\frac{1}{4}$ -A/I | 10               |
| G $\frac{3}{8}$              | G $\frac{3}{8}$ | 37.8 | 6.8  | 19                      | 16               | 36172    | QM- $\frac{3}{8}$ -A/I | 10               |
| G $\frac{1}{2}$              | G $\frac{1}{2}$ | 49   | 8.15 | 24                      | 36               | 187387   | QM- $\frac{1}{2}$ -A/I | 1                |

1) Packaging unit quantity

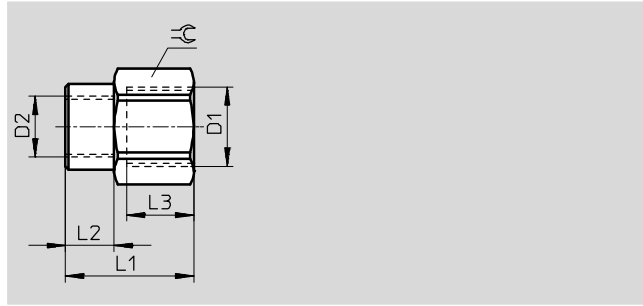
# Threaded fittings

Technical data

FESTO

## Reducing sleeve QMR

Material:  
Nickel plated brass



| Dimensions and ordering data  |                               |                      |    |    |    |    |                     |          |                                                                   |                  |
|-------------------------------|-------------------------------|----------------------|----|----|----|----|---------------------|----------|-------------------------------------------------------------------|------------------|
| Pneumatic connection          |                               | Nominal size<br>[mm] | L1 | L2 | L3 | ⌀  | Weight/piece<br>[g] | Part No. | Type                                                              | PU <sup>1)</sup> |
| D1                            | D2                            |                      |    |    |    |    |                     |          |                                                                   |                  |
| M thread                      |                               |                      |    |    |    |    |                     |          |                                                                   |                  |
| G <sup>1</sup> / <sub>8</sub> | M5                            | 2.6                  | 17 | 7  | 7  | 14 | 12                  | 153281   | QMR- <sup>1</sup> / <sub>8</sub> -M5-B                            | 10               |
| G thread                      |                               |                      |    |    |    |    |                     |          |                                                                   |                  |
| G <sup>1</sup> / <sub>4</sub> | G <sup>1</sup> / <sub>8</sub> | 5.3                  | 21 | 8  | 9  | 17 | 22                  | 153282   | QMR- <sup>1</sup> / <sub>4</sub> - <sup>1</sup> / <sub>8</sub> -B | 10               |
| G <sup>3</sup> / <sub>8</sub> | G <sup>1</sup> / <sub>4</sub> | 6.9                  | 25 | 11 | 11 | 21 | 34                  | 153283   | QMR- <sup>3</sup> / <sub>8</sub> - <sup>1</sup> / <sub>4</sub> -B | 10               |
| G <sup>1</sup> / <sub>2</sub> | G <sup>3</sup> / <sub>8</sub> | 10.7                 | 33 | 14 | 14 | 24 | 55                  | 153284   | QMR- <sup>1</sup> / <sub>2</sub> - <sup>3</sup> / <sub>8</sub> -B | 1                |

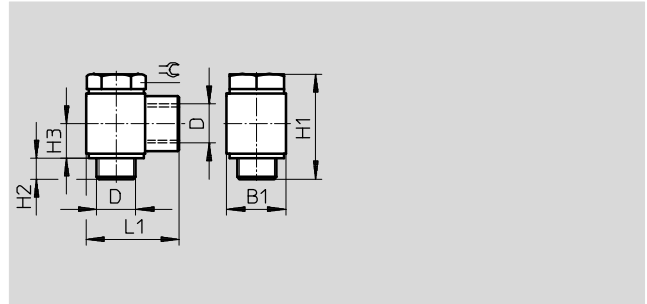
1) Packaging unit quantity

# Threaded fittings

Technical data

## Elbow fitting LJK

Note on materials:  
RoHS-compliant

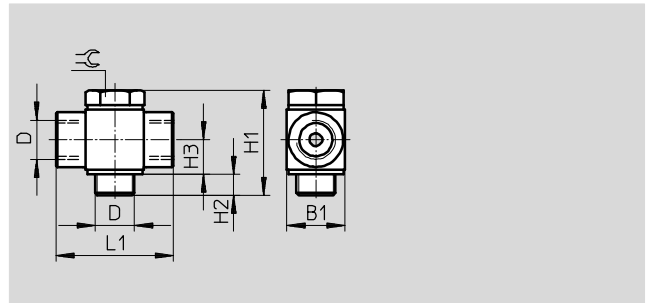


| Dimensions and ordering data  |                   |    |      |     |       |      |    |          |         |                  |  |
|-------------------------------|-------------------|----|------|-----|-------|------|----|----------|---------|------------------|--|
| Pneumatic connection          | Nominal size [mm] | B1 | H1   | H2  | H3    | L1   | ⌀  | Part No. | Type    | PU <sup>1)</sup> |  |
| D                             |                   |    |      |     |       |      |    |          |         |                  |  |
| G <sup>1</sup> / <sub>8</sub> | 4                 | 16 | 27.1 | 4.7 | 9.2   | 23.5 | 13 | 4945     | LJK-1/8 | 1                |  |
| G <sup>1</sup> / <sub>4</sub> | 6                 | 20 | 34.3 | 5.7 | 11.8  | 31   | 17 | 4946     | LJK-1/4 | 1                |  |
| G <sup>3</sup> / <sub>8</sub> | 8                 | 25 | 41.3 | 6.7 | 14.3  | 36.5 | 22 | 4947     | LJK-3/8 | 1                |  |
| G <sup>1</sup> / <sub>2</sub> | 12                | 30 | 46.6 | 7.5 | 17.05 | 44   | 27 | 4948     | LJK-1/2 | 1                |  |

1) Packaging unit quantity

## T-fitting TJK

Note on materials:  
RoHS-compliant



| Operating and environmental conditions |                                                                                                        |
|----------------------------------------|--------------------------------------------------------------------------------------------------------|
| Operating medium                       | Compressed air in accordance with ISO 8573-1:2010 [7:-:-]                                              |
| Note on operating/pilot medium         | Operation with lubricated medium possible (in which case lubricated operation will always be required) |

| Dimensions and ordering data  |                   |    |      |     |       |    |     |          |         |                  |  |
|-------------------------------|-------------------|----|------|-----|-------|----|-----|----------|---------|------------------|--|
| Pneumatic connection          | Nominal size [mm] | B1 | H1   | H2  | H3    | L1 | ⌀   | Part No. | Type    | PU <sup>1)</sup> |  |
| D                             |                   |    |      |     |       |    |     |          |         |                  |  |
| M thread                      |                   |    |      |     |       |    |     |          |         |                  |  |
| M3                            | 1.2               | 5  | 10   | 2   | 3.3   | 10 | 4.5 | 15874    | TJK-M3  | 10               |  |
| G thread                      |                   |    |      |     |       |    |     |          |         |                  |  |
| G <sup>1</sup> / <sub>8</sub> | 4                 | 16 | 27.1 | 4.7 | 9.2   | 28 | 13  | 4949     | TJK-1/8 | 10               |  |
| G <sup>1</sup> / <sub>4</sub> | 6                 | 20 | 34.3 | 5.7 | 11.8  | 39 | 17  | 4950     | TJK-1/4 | 10               |  |
| G <sup>3</sup> / <sub>8</sub> | 8                 | 25 | 41.3 | 6.7 | 14.3  | 43 | 22  | 4951     | TJK-3/8 | 1                |  |
| G <sup>1</sup> / <sub>2</sub> | 12                | 30 | 46.6 | 7.5 | 17.05 | 52 | 27  | 4952     | TJK-1/2 | 1                |  |

1) Packaging unit quantity