

## Threaded fittings

**FESTO**



# Threaded fittings

Product range overview

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| Design           | Version                                                                             | Type      | Connection D1 |                        |                        | Connection D2 |                        |                        | → Page/<br>Internet |      |
|------------------|-------------------------------------------------------------------------------------|-----------|---------------|------------------------|------------------------|---------------|------------------------|------------------------|---------------------|------|
|                  |                                                                                     |           | M thread      | G thread <sup>1)</sup> | R thread <sup>1)</sup> | M thread      | G thread <sup>1)</sup> | R thread <sup>1)</sup> |                     |      |
| Straight<br>type | Blanking plug                                                                       |           |               |                        |                        |               |                        |                        |                     |      |
|                  |    | B         | M3            | –                      | –                      | –             | –                      | –                      | 6                   |      |
|                  |                                                                                     |           | M5            |                        |                        |               |                        |                        |                     |      |
|                  |                                                                                     |           | M7            |                        |                        |               |                        |                        |                     |      |
|                  |                                                                                     |           | –             |                        |                        |               |                        |                        |                     | G1/8 |
|                  |                                                                                     |           | G1/4          |                        |                        |               |                        |                        |                     |      |
|                  |                                                                                     |           | G3/8          |                        |                        |               |                        |                        |                     |      |
|                  |                                                                                     |           | G1/2          |                        |                        |               |                        |                        |                     |      |
|                  |                                                                                     |           | G3/4          |                        |                        |               |                        |                        |                     |      |
|                  | G1                                                                                  |           |               |                        |                        |               |                        |                        |                     |      |
|                  |                                                                                     |           |               |                        |                        |               |                        |                        |                     |      |
|                  | Sleeve                                                                              |           |               |                        |                        |               |                        |                        |                     |      |
|                  |    | NPFB-S    | M5            | –                      | –                      | –             | –                      | –                      | 12                  |      |
|                  |                                                                                     |           | –             | G1/8                   |                        |               |                        |                        |                     |      |
|                  |                                                                                     |           | G1/4          |                        |                        |               |                        |                        |                     |      |
|                  |                                                                                     |           | G3/8          |                        |                        |               |                        |                        |                     |      |
|                  |                                                                                     |           | G1/2          |                        |                        |               |                        |                        |                     |      |
|                  |                                                                                     |           | G3/4          |                        |                        |               |                        |                        |                     |      |
|                  |   | QM        | M5            | –                      | –                      | –             | –                      | –                      | 10                  |      |
|                  |                                                                                     |           | –             | G1/8                   |                        |               |                        |                        |                     |      |
|                  |                                                                                     |           | G1/4          |                        |                        |               |                        |                        |                     |      |
|                  |                                                                                     |           | G3/8          |                        |                        |               |                        |                        |                     |      |
|                  |                                                                                     |           | G1/2          |                        |                        |               |                        |                        |                     |      |
|                  |                                                                                     |           | G3/4          |                        |                        |               |                        |                        |                     |      |
|                  | G1                                                                                  |           |               |                        |                        |               |                        |                        |                     |      |
|                  |  | QM        | M5            | –                      | –                      | M5            | –                      | –                      | 10                  |      |
|                  |                                                                                     |           | –             | G1/8                   |                        |               |                        |                        |                     |      |
|                  |                                                                                     |           | G1/4          |                        |                        |               |                        |                        |                     |      |
|                  |                                                                                     |           | G3/8          |                        |                        |               |                        |                        |                     |      |
|                  |                                                                                     |           | G1/2          |                        |                        |               |                        |                        |                     |      |
|                  |                                                                                     |           | G3/4          |                        |                        |               |                        |                        |                     |      |
|                  |                                                                                     |           |               |                        |                        |               |                        |                        |                     |      |
|                  | Reducing sleeve                                                                     |           |               |                        |                        |               |                        |                        |                     |      |
|                  |  | NPFB-R    | –             | G1/8                   | –                      | –             | G3/8                   | –                      | 12                  |      |
|                  |                                                                                     |           | G1/2          | G3/4                   |                        |               |                        |                        |                     |      |
|                  |                                                                                     |           |               |                        |                        |               |                        |                        |                     |      |
|                  |  | QMR       | –             | G1/8                   | –                      | M5            | –                      | –                      | 11                  |      |
|                  |                                                                                     |           | G1/4          | G1/8                   |                        |               |                        |                        |                     |      |
|                  |                                                                                     |           | G3/8          | G1/4                   |                        |               |                        |                        |                     |      |
|                  |                                                                                     |           | G1/2          | G3/8                   |                        |               |                        |                        |                     |      |
|                  |                                                                                     |           |               |                        |                        |               |                        |                        |                     |      |
|                  | Extension                                                                           |           |               |                        |                        |               |                        |                        |                     |      |
|                  |  | NPFB-E... | –             | G1/8                   | –                      | –             | G1/8                   | –                      | 13                  |      |
|                  |                                                                                     |           | G1/4          | G1/4                   |                        |               |                        |                        |                     |      |
|                  |                                                                                     |           | G3/8          | G3/8                   |                        |               |                        |                        |                     |      |
|                  |                                                                                     |           | G1/2          | G1/2                   |                        |               |                        |                        |                     |      |

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Product range overview

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| Design                                                                              | Version                                                                             | Type       | Connection D1 |                        |                        | Connection D2 |                        |                        | → Page/<br>Internet |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|------------|---------------|------------------------|------------------------|---------------|------------------------|------------------------|---------------------|
|                                                                                     |                                                                                     |            | M thread      | G thread <sup>1)</sup> | R thread <sup>1)</sup> | M thread      | G thread <sup>1)</sup> | R thread <sup>1)</sup> |                     |
| Straight type                                                                       | Double nipple                                                                       |            |               |                        |                        |               |                        |                        |                     |
|                                                                                     |    | NPFB-D     | M5            | –                      | –                      | M5            | –                      | –                      | 14                  |
|                                                                                     |                                                                                     |            | M7            |                        |                        |               |                        |                        |                     |
|                                                                                     |                                                                                     |            | –             |                        |                        | G1/8          |                        |                        |                     |
|                                                                                     |                                                                                     |            | G1/4          |                        |                        |               |                        |                        |                     |
|                                                                                     |                                                                                     |            | G3/8          |                        |                        |               |                        |                        |                     |
|                                                                                     |                                                                                     |            | G1/2          |                        |                        |               |                        |                        |                     |
|                                                                                     |                                                                                     |            | –             | R1/8                   |                        |               |                        |                        |                     |
|                                                                                     |                                                                                     |            | R1/4          |                        |                        |               |                        |                        |                     |
|                                                                                     |                                                                                     |            | R3/8          |                        |                        |               |                        |                        |                     |
|                                                                                     |                                                                                     |            | R1/2          |                        |                        |               |                        |                        |                     |
|                                                                                     |                                                                                     |            | R3/4          |                        |                        |               |                        |                        |                     |
|                                                                                     |                                                                                     |            | R1            |                        |                        |               |                        |                        |                     |
|                                                                                     |    | E          | M3            | –                      | –                      | M3            | –                      | –                      | 8                   |
|                                                                                     |                                                                                     |            | M5            |                        |                        |               |                        |                        |                     |
|                                                                                     |                                                                                     |            | M7            |                        |                        |               |                        |                        |                     |
|                                                                                     |                                                                                     |            | –             |                        |                        | G1/8          |                        |                        |                     |
|                                                                                     |                                                                                     |            | G1/4          |                        |                        |               |                        |                        |                     |
|                                                                                     |                                                                                     |            | G3/8          |                        |                        |               |                        |                        |                     |
|                                                                                     |                                                                                     |            | G1/2          |                        |                        |               |                        |                        |                     |
|                                                                                     |                                                                                     |            | G3/4          |                        |                        |               |                        |                        |                     |
|                                                                                     |  | ESK        |               |                        | R1/8                   |               |                        | R1/8, R1/4, R3/8       | 9                   |
|                                                                                     |                                                                                     |            |               |                        | R1/4                   |               |                        | R1/4, R3/8, R1/2       |                     |
|                                                                                     |                                                                                     |            |               |                        | R3/8                   |               |                        | R3/8, R1/2             |                     |
|                                                                                     |                                                                                     |            |               |                        | R1/2                   |               |                        | R1/2                   |                     |
|                                                                                     |                                                                                     |            |               |                        |                        |               |                        |                        |                     |
| Reducing nipple – Female thread/male thread                                         |                                                                                     |            |               |                        |                        |               |                        |                        |                     |
|  | NPFB-R                                                                              | M5         | –             | –                      | –                      | G1/8          | –                      | 15                     |                     |
|                                                                                     |                                                                                     | –          | G1/8          |                        |                        |               |                        |                        |                     |
|                                                                                     |                                                                                     | G1/4       |               |                        |                        |               |                        |                        |                     |
|                                                                                     |                                                                                     | G3/8       |               |                        |                        |               |                        |                        |                     |
|                                                                                     |                                                                                     | G1/2       |               |                        |                        |               |                        |                        |                     |
| Reducing nipple – Male thread/female thread                                         |                                                                                     |            |               |                        |                        |               |                        |                        |                     |
|  | NPFB-R                                                                              | –          | G1/8          | –                      | M5                     | –             | –                      | 15                     |                     |
|                                                                                     |                                                                                     | G1/4       |               |                        |                        |               |                        |                        |                     |
|                                                                                     |                                                                                     | G3/8       |               |                        |                        |               |                        |                        |                     |
|                                                                                     |                                                                                     | G1/2       |               |                        |                        |               |                        |                        |                     |
|                                                                                     |                                                                                     | G3/4       |               |                        |                        |               |                        |                        |                     |
|  | D                                                                                   | M3         | –             | –                      | M5                     | –             | –                      | 7                      |                     |
|                                                                                     |                                                                                     | M5         |               |                        |                        |               |                        |                        |                     |
|                                                                                     |                                                                                     | M7         |               |                        |                        |               |                        |                        |                     |
|                                                                                     |                                                                                     | –          |               |                        | G1/8                   |               |                        |                        |                     |
|                                                                                     |                                                                                     | G1/4       |               |                        |                        |               |                        |                        |                     |
|                                                                                     |                                                                                     | G3/8       |               |                        |                        |               |                        |                        |                     |
|                                                                                     |                                                                                     | G1/2       |               |                        |                        |               |                        |                        |                     |
|                                                                                     |                                                                                     | G3/4       |               |                        |                        |               |                        |                        |                     |
|                                                                                     |                                                                                     |            | G1/8          |                        |                        |               |                        |                        |                     |
|                                                                                     |                                                                                     | G1/4, G3/8 |               |                        |                        |               |                        |                        |                     |
| G3/8, G1/2, G3/4                                                                    |                                                                                     |            |               |                        |                        |               |                        |                        |                     |
| G1/2, G3/4                                                                          |                                                                                     |            |               |                        |                        |               |                        |                        |                     |
| G3/4, G1                                                                            |                                                                                     |            |               |                        |                        |               |                        |                        |                     |
| G1                                                                                  |                                                                                     |            |               |                        |                        |               |                        |                        |                     |

1) Sealing of the parallel threaded fittings NPFB with thread sealing tape GWB-0,1 Part No. 9076 is recommended.

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Product range overview

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| Design        | Version                                                                             | Type   | Connection D1 |                        |                        | Connection D2 |                        |                        | → Page/<br>Internet |
|---------------|-------------------------------------------------------------------------------------|--------|---------------|------------------------|------------------------|---------------|------------------------|------------------------|---------------------|
|               |                                                                                     |        | M thread      | G thread <sup>1)</sup> | R thread <sup>1)</sup> | M thread      | G thread <sup>1)</sup> | R thread <sup>1)</sup> |                     |
| Straight type | Female bulkhead fitting                                                             |        |               |                        |                        |               |                        |                        |                     |
|               |    | SCM    | M5            | –                      | –                      | –             | –                      | –                      | 9                   |
|               |                                                                                     |        | –             | G1/8                   |                        |               |                        |                        |                     |
|               |                                                                                     |        |               | G1/4                   |                        |               |                        |                        |                     |
|               |                                                                                     |        |               | G3/8                   |                        |               |                        |                        |                     |
|               |                                                                                     |        |               | G1/2                   |                        |               |                        |                        |                     |
|               |                                                                                     |        |               |                        |                        |               |                        |                        |                     |
| L-shape       | Elbow fitting – Female thread                                                       |        |               |                        |                        |               |                        |                        |                     |
|               |    | NPFB-L | M5            | –                      | –                      | –             | –                      | –                      | 16                  |
|               |                                                                                     |        | –             | G1/8                   |                        |               |                        |                        |                     |
|               |                                                                                     |        |               | G1/4                   |                        |               |                        |                        |                     |
|               |                                                                                     |        |               | G3/8                   |                        |               |                        |                        |                     |
|               |                                                                                     |        |               | G1/2                   |                        |               |                        |                        |                     |
|               |                                                                                     |        |               | G3/4                   |                        |               |                        |                        |                     |
|               |                                                                                     |        |               | G1                     |                        |               |                        |                        |                     |
|               |                                                                                     |        |               |                        |                        |               |                        |                        |                     |
|               | Elbow fitting – Male thread/female thread                                           |        |               |                        |                        |               |                        |                        |                     |
|               |    | NPFB-L | M5            | –                      | –                      | M5            | –                      | –                      | 16                  |
|               |                                                                                     |        | –             | G1/8                   |                        |               |                        | R1/8                   |                     |
|               |                                                                                     |        |               | G1/4                   |                        |               |                        | R1/4                   |                     |
|               |                                                                                     |        |               | G3/8                   |                        |               |                        | R3/8                   |                     |
|               |                                                                                     |        |               | G1/2                   |                        |               |                        | R1/2                   |                     |
|               |                                                                                     |        |               | G3/4                   |                        |               |                        | R3/4                   |                     |
|               |                                                                                     |        |               | G1                     |                        |               |                        | R1                     |                     |
|               |                                                                                     |        |               |                        |                        |               |                        |                        |                     |
|               | Elbow fitting – Male thread                                                         |        |               |                        |                        |               |                        |                        |                     |
|               |  | NPFB-L | M5            | –                      | –                      | –             | –                      | –                      | 17                  |
|               |                                                                                     |        | –             |                        | R1/8                   |               |                        |                        |                     |
|               |                                                                                     |        |               |                        | R1/4                   |               |                        |                        |                     |
|               |                                                                                     |        |               |                        | R3/8                   |               |                        |                        |                     |
|               |                                                                                     |        |               | R1/2                   |                        |               |                        |                        |                     |
|               |                                                                                     |        |               | R3/4                   |                        |               |                        |                        |                     |
|               |                                                                                     |        |               | R1                     |                        |               |                        |                        |                     |
|               |                                                                                     |        |               |                        |                        |               |                        |                        |                     |
| T-type        | T-fitting – Female thread                                                           |        |               |                        |                        |               |                        |                        |                     |
|               |  | NPFB-T | M5            | –                      | –                      | –             | –                      | –                      | 17                  |
|               |                                                                                     |        | –             | G1/8                   |                        |               |                        |                        |                     |
|               |                                                                                     |        |               | G1/4                   |                        |               |                        |                        |                     |
|               |                                                                                     |        |               | G3/8                   |                        |               |                        |                        |                     |
|               |                                                                                     |        |               | G1/2                   |                        |               |                        |                        |                     |
|               |                                                                                     |        |               | G3/4                   |                        |               |                        |                        |                     |
|               |                                                                                     | G1     |               |                        |                        |               |                        |                        |                     |
|               |                                                                                     |        |               |                        |                        |               |                        |                        |                     |
|               | T-fitting – Female thread/male thread/female thread                                 |        |               |                        |                        |               |                        |                        |                     |
|               |  | NPFB-T | M5            | –                      | –                      | M5            | –                      | –                      | 18                  |
|               |                                                                                     |        | –             | G1/8                   |                        |               |                        | R1/8                   |                     |
|               |                                                                                     |        |               | G1/4                   |                        |               |                        | R1/4                   |                     |
|               |                                                                                     |        |               | G3/8                   |                        |               |                        | R3/8                   |                     |
|               |                                                                                     |        |               | G1/2                   |                        |               |                        | R1/2                   |                     |
|               |                                                                                     |        |               | G3/4                   |                        |               |                        | R3/4                   |                     |
|               | G1                                                                                  | R1     |               |                        |                        |               |                        |                        |                     |

1) Sealing of the parallel threaded fittings NPFB with thread sealing tape GWB-0,1 Part No. 9076 is recommended.

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Product range overview

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| Design                                                                              | Version                                                                             | Type   | Connection D1                                                     |                                                     |                        | Connection D2 |                        |                        | → Page/<br>Internet |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------|-------------------------------------------------------------------|-----------------------------------------------------|------------------------|---------------|------------------------|------------------------|---------------------|
|                                                                                     |                                                                                     |        | M thread                                                          | G thread <sup>1)</sup>                              | R thread <sup>1)</sup> | M thread      | G thread <sup>1)</sup> | R thread <sup>1)</sup> |                     |
| T-type                                                                              | T-fitting – Female thread/male thread/male thread                                   |        |                                                                   |                                                     |                        |               |                        |                        |                     |
|                                                                                     |    | NPFB-T | –                                                                 | G 1/8                                               | –                      | –             | –                      | R 1/8                  | 18                  |
|                                                                                     |                                                                                     |        |                                                                   | G 1/4                                               |                        |               |                        | R 1/4                  |                     |
|                                                                                     |                                                                                     |        |                                                                   | G 3/8                                               |                        |               |                        | R 3/8                  |                     |
|                                                                                     |                                                                                     |        |                                                                   | G 1/2                                               |                        |               |                        | R 1/2                  |                     |
|                                                                                     | T-fitting – Male thread                                                             |        |                                                                   |                                                     |                        |               |                        |                        |                     |
|                                                                                     |    | NPFB-T | –                                                                 | –                                                   | R 1/8                  | –             | –                      | –                      | 19                  |
|                                                                                     |                                                                                     |        |                                                                   | R 1/4                                               |                        |               |                        |                        |                     |
|                                                                                     |                                                                                     |        |                                                                   | R 3/8                                               |                        |               |                        |                        |                     |
|                                                                                     |                                                                                     |        |                                                                   | R 1/2                                               |                        |               |                        |                        |                     |
|                                                                                     |                                                                                     |        |                                                                   | R 3/4                                               |                        |               |                        |                        |                     |
|                                                                                     |                                                                                     |        |                                                                   | R 1                                                 |                        |               |                        |                        |                     |
|                                                                                     | T-fitting – Male thread/male thread/female thread                                   |        |                                                                   |                                                     |                        |               |                        |                        |                     |
|    | NPFB-T                                                                              | –      | –                                                                 | R 1/8                                               | –                      | G 1/8         | –                      | 19                     |                     |
|                                                                                     |                                                                                     |        |                                                                   | R 1/4                                               |                        | G 1/4         |                        |                        |                     |
|                                                                                     |                                                                                     |        |                                                                   | R 3/8                                               |                        | G 3/8         |                        |                        |                     |
|                                                                                     |                                                                                     |        |                                                                   | R 1/2                                               |                        | G 1/2         |                        |                        |                     |
|                                                                                     |                                                                                     |        |                                                                   | T-fitting – Male thread/female thread/female thread |                        |               |                        |                        |                     |
|  | NPFB-T                                                                              | M5     | –                                                                 | –                                                   | M5                     | –             | –                      | 20                     |                     |
|                                                                                     |                                                                                     | –      |                                                                   | R 1/8                                               |                        | G 1/8         |                        |                        |                     |
|                                                                                     |                                                                                     |        |                                                                   | R 1/4                                               |                        | G 1/4         |                        |                        |                     |
|                                                                                     |                                                                                     |        |                                                                   | R 3/8                                               |                        | G 3/8         |                        |                        |                     |
|                                                                                     |                                                                                     |        |                                                                   | R 1/2                                               |                        | G 1/2         |                        |                        |                     |
|                                                                                     |                                                                                     |        |                                                                   | R 3/4                                               |                        | G 3/4         |                        |                        |                     |
|                                                                                     |                                                                                     |        |                                                                   | R 1                                                 |                        | G 1           |                        |                        |                     |
|                                                                                     |                                                                                     |        |                                                                   |                                                     |                        |               |                        |                        |                     |
| Y-shape                                                                             | Y-fitting – Female thread                                                           |        |                                                                   |                                                     |                        |               |                        |                        |                     |
|                                                                                     |  | NPFB-Y | –                                                                 | G 1/8                                               | –                      | –             | –                      | –                      | 20                  |
|                                                                                     |                                                                                     |        |                                                                   | G 1/4                                               |                        |               |                        |                        |                     |
|                                                                                     |                                                                                     |        |                                                                   | G 3/8                                               |                        |               |                        |                        |                     |
|                                                                                     |                                                                                     |        |                                                                   | G 1/2                                               |                        |               |                        |                        |                     |
|                                                                                     |                                                                                     |        |                                                                   | Y-fitting – Male thread/female thread/female thread |                        |               |                        |                        |                     |
|                                                                                     |  | NPFB-Y | –                                                                 | –                                                   | R 1/8                  | –             | G 1/8                  | –                      | 21                  |
|                                                                                     |                                                                                     |        |                                                                   | R 1/4                                               | G 1/4                  |               |                        |                        |                     |
|                                                                                     |                                                                                     |        |                                                                   | R 3/8                                               | G 3/8                  |               |                        |                        |                     |
|                                                                                     |                                                                                     |        |                                                                   | R 1/2                                               | G 1/2                  |               |                        |                        |                     |
| X-shape                                                                             |                                                                                     |        |                                                                   |                                                     |                        |               |                        |                        |                     |
| X-fitting – Female thread                                                           |                                                                                     |        |                                                                   |                                                     |                        |               |                        |                        |                     |
|  | NPFB-X                                                                              | –      | G 1/8                                                             | –                                                   | –                      | –             | –                      | 21                     |                     |
|                                                                                     |                                                                                     |        | G 1/4                                                             |                                                     |                        |               |                        |                        |                     |
|                                                                                     |                                                                                     |        | G 3/8                                                             |                                                     |                        |               |                        |                        |                     |
|                                                                                     |                                                                                     |        | G 1/2                                                             |                                                     |                        |               |                        |                        |                     |
|                                                                                     |                                                                                     |        | X-fitting – Male thread/female thread/female thread/female thread |                                                     |                        |               |                        |                        |                     |
|  | NPFB-X                                                                              | –      | G 1/8                                                             | –                                                   | –                      | –             | R 1/8                  | 22                     |                     |
|                                                                                     |                                                                                     |        | G 1/4                                                             |                                                     |                        |               | R 1/4                  |                        |                     |
|                                                                                     |                                                                                     |        | G 3/8                                                             |                                                     |                        |               | R 3/8                  |                        |                     |
|                                                                                     |                                                                                     |        | G 1/2                                                             |                                                     |                        |               | R 1/2                  |                        |                     |
|                                                                                     |                                                                                     |        |                                                                   |                                                     |                        |               |                        |                        |                     |

1) Sealing of the parallel threaded fittings NPFB with thread sealing tape GWB-0,1 Part No. 9076 is recommended.

# Threaded fittings

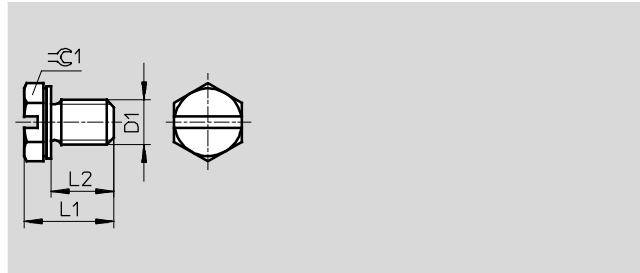
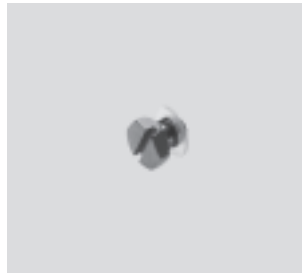
Technical data

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

Material:  
High-alloy stainless steel

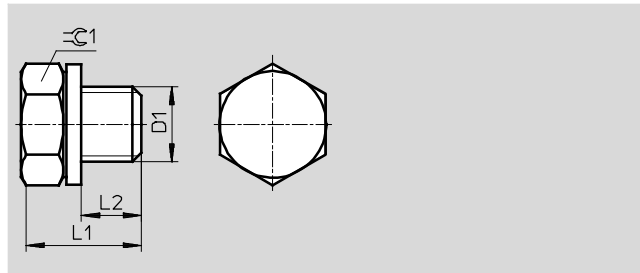
Note on materials:  
Free of copper and PTFE



## Blanking plug B-M5 with sealing ring

Material:  
Aluminium

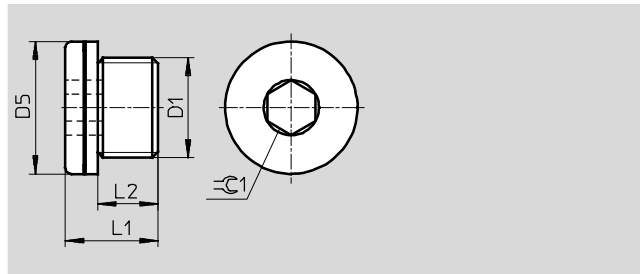
Note on materials:  
Free of copper and PTFE



## Blanking plug B with sealing ring

Material:  
Steel

Note on materials:  
Free of copper and PTFE



| Dimensions and ordering data |     |     |       |     |                     |          |                         |                  |
|------------------------------|-----|-----|-------|-----|---------------------|----------|-------------------------|------------------|
| Connection                   | D5  | L1  | L2    | ≅1  | Weight/piece<br>[g] | Part No. | Type                    | PU <sup>1)</sup> |
| D1                           | Ø   |     |       |     |                     |          |                         |                  |
| M thread                     |     |     |       |     |                     |          |                         |                  |
| 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               |
|                              |     |     |       |     |                     | 534212   | B-M5-100                | 100              |
| M7                           | 8   | 6.3 | 3.8   | 2.5 | 2                   | 174308   | B-M5-B                  | 10               |
|                              | 9.5 | 7.8 | 5.3   | 3   | 2                   | 174309   | B-M7                    | 10               |
| G thread                     |     |     |       |     |                     |          |                         |                  |
| G1/8                         | 14  | 11  | 6.4   | 5   | 5                   | 3568     | B-1/8 <sup>3)</sup>     | 10               |
| G1/4                         | 18  | 15  | 9.8   | 6   | 15                  | 534213   | B-1/8-100 <sup>3)</sup> | 100              |
|                              |     |     |       |     |                     | 3569     | B-1/4 <sup>3)</sup>     | 10               |
| G3/8                         | 22  | 15  | 9.8   | 8   | 22                  | 534214   | B-1/4-50 <sup>3)</sup>  | 50               |
|                              |     |     |       |     |                     | 3570     | B-3/8 <sup>3)</sup>     | 10               |
| G1/2                         | 26  | 18  | 11.65 | 10  | 43                  | 534215   | B-3/8-20 <sup>3)</sup>  | 20               |
|                              |     |     |       |     |                     | 3571     | B-1/2 <sup>3)</sup>     | 10               |
| G3/4                         | 32  | 20  | 13.05 | 12  | 73                  | 534216   | B-1/2-20 <sup>3)</sup>  | 20               |
|                              |     |     |       |     |                     | 3572     | B-3/4 <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) Conforms to RoHS

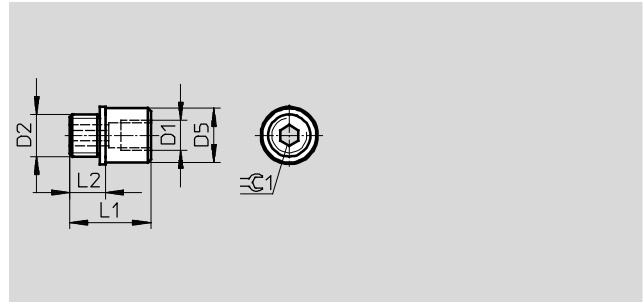
# Threaded fittings

Technical data

FESTO

## Reducing nipple D with sealing ring

Material:  
Brass

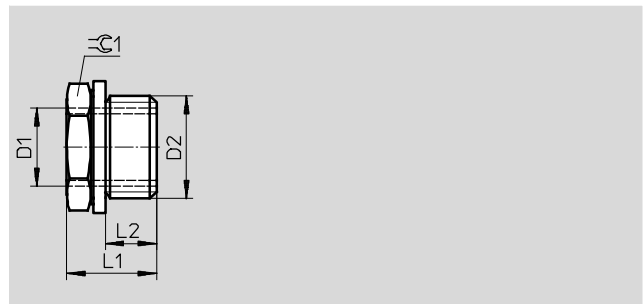


| Dimensions and ordering data |    |    |      |    |     |                  |          |               |                  |
|------------------------------|----|----|------|----|-----|------------------|----------|---------------|------------------|
| Connection                   |    | D5 | L1   | L2 | ≈ 1 | Weight/piece [g] | Part No. | Type          | PU <sup>1)</sup> |
| D1                           | D2 |    |      |    |     |                  |          |               |                  |
| M5                           | M7 | 9  | 13.5 | 6  | 3   | 43               | 161359   | D-M5I-M7A-ISK | 10               |

1) Packaging unit quantity

## Reducing nipple D with sealing ring

Material:  
Brass  
D-M3I-M5A-S9:  
High-alloy stainless steel



| Dimensions and ordering data  |                               |      |      |     |                     |                                                                 |                                                                     |                  |  |
|-------------------------------|-------------------------------|------|------|-----|---------------------|-----------------------------------------------------------------|---------------------------------------------------------------------|------------------|--|
| Connection                    |                               | L1   | L2   | ≡ 1 | Weight/piece<br>[g] | Part No.                                                        | Type                                                                | PU <sup>1)</sup> |  |
| D1                            | D2                            |      |      |     |                     |                                                                 |                                                                     |                  |  |
| M thread                      |                               |      |      |     |                     |                                                                 |                                                                     |                  |  |
| M3                            | M5                            | 6.3  | 3.8  | 7   | 1                   | 30980                                                           | D-M3I-M5A-S9 <sup>2)</sup>                                          | 10               |  |
| M5<br>6 mm deep               | G <sup>1</sup> / <sub>8</sub> | 9.5  | 4.9  | 13  | 10                  | 3842                                                            | D-M5I- <sup>1</sup> / <sub>8</sub> A <sup>3)</sup>                  | 10               |  |
|                               |                               |      |      |     |                     | 534208                                                          | D-M5I- <sup>1</sup> / <sub>8</sub> A-100                            | 100              |  |
| M5                            | G <sup>1</sup> / <sub>4</sub> | 12   | 5.8  | 17  | 12                  | 197632                                                          | D-M5I- <sup>1</sup> / <sub>4</sub> A                                | 10               |  |
| M7                            | G <sup>1</sup> / <sub>8</sub> | 9.5  | 4.9  | 13  | –                   | 534144                                                          | D-M7I- <sup>1</sup> / <sub>8</sub> A                                | 10               |  |
|                               |                               |      |      |     |                     |                                                                 |                                                                     |                  |  |
|                               |                               |      |      |     |                     |                                                                 |                                                                     |                  |  |
| G <sup>1</sup> / <sub>8</sub> | G <sup>1</sup> / <sub>4</sub> | 12   | 5.8  | 17  | 8                   | 3577                                                            | D- <sup>1</sup> / <sub>8</sub> I- <sup>1</sup> / <sub>4</sub> A     | 10               |  |
|                               |                               |      |      |     |                     | 534209                                                          | D- <sup>1</sup> / <sub>8</sub> I- <sup>1</sup> / <sub>4</sub> A-100 | 100              |  |
|                               | G <sup>3</sup> / <sub>8</sub> | 14   | 6.8  | 19  | –                   | 534147                                                          | D- <sup>1</sup> / <sub>8</sub> I- <sup>3</sup> / <sub>8</sub> A     | 10               |  |
| G <sup>1</sup> / <sub>4</sub> | G <sup>3</sup> / <sub>8</sub> | 14   | 6.8  | 19  | 14                  | 3581                                                            | D- <sup>1</sup> / <sub>4</sub> I- <sup>3</sup> / <sub>8</sub> A     | 10               |  |
|                               |                               |      |      |     |                     | 534210                                                          | D- <sup>1</sup> / <sub>4</sub> I- <sup>3</sup> / <sub>8</sub> A-50  | 50               |  |
|                               | G <sup>1</sup> / <sub>2</sub> | 15.5 | 8.15 | 24  | 36                  | 197633                                                          | D- <sup>1</sup> / <sub>4</sub> I- <sup>1</sup> / <sub>2</sub> A     | 10               |  |
| G <sup>3</sup> / <sub>4</sub> | 20.4                          | 9.05 | 32   | –   | 534145              | D- <sup>1</sup> / <sub>4</sub> I- <sup>3</sup> / <sub>4</sub> A | 10                                                                  |                  |  |
| G <sup>3</sup> / <sub>8</sub> | G <sup>1</sup> / <sub>2</sub> | 15.5 | 8.15 | 24  | 25                  | 3585                                                            | D- <sup>3</sup> / <sub>8</sub> I- <sup>1</sup> / <sub>2</sub> A     | 10               |  |
|                               |                               |      |      |     |                     | 534211                                                          | D- <sup>3</sup> / <sub>8</sub> I- <sup>1</sup> / <sub>2</sub> A-20  | 20               |  |
|                               | G <sup>3</sup> / <sub>4</sub> | 20.4 | 9.05 | 32  | –                   | 534146                                                          | D- <sup>3</sup> / <sub>8</sub> I- <sup>3</sup> / <sub>4</sub> A     | 10               |  |
| G <sup>1</sup> / <sub>2</sub> | G <sup>3</sup> / <sub>4</sub> | 20.4 | 14   | 32  | 45                  | 3588                                                            | D- <sup>1</sup> / <sub>2</sub> I- <sup>3</sup> / <sub>4</sub> A     | 1                |  |
|                               | G1                            | 21   | 13   | 36  | 110                 | 197634                                                          | D- <sup>1</sup> / <sub>2</sub> I-1A                                 | 1                |  |
| G <sup>3</sup> / <sub>4</sub> | G1                            | 21   | 13   | 36  | 55                  | 9168                                                            | D- <sup>3</sup> / <sub>4</sub> I-1A                                 | 1                |  |

1) Packaging unit quantity

2) Corrosion and acid resistant version

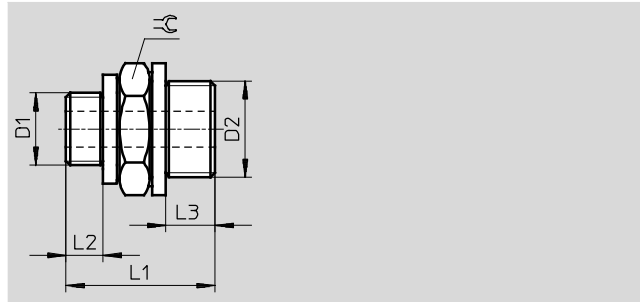
3) Free of copper and PTFE

# Threaded fittings

Technical data

FESTO

**Double nipple E**  
with 2 sealing rings



| Dimensions and ordering data |      |              |      |      |      |     |                  |          |                             |                  |
|------------------------------|------|--------------|------|------|------|-----|------------------|----------|-----------------------------|------------------|
| Connection                   |      | Nominal size | L1   | L2   | L3   | ⌀   | Weight/piece [g] | Part No. | Type                        | PU <sup>1)</sup> |
| D1                           | D2   |              |      |      |      |     |                  |          |                             |                  |
| M thread – High-alloy 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 – Aluminium         |      |              |      |      |      |     |                  |          |                             |                  |
| 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                |
|                              |      |              |      |      |      |     |                  | 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                |
|                              |      |              |      |      |      |     |                  | 15627    | E-1/2-1/2-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                |
|                              |      |              |      |      |      |     |                  | 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

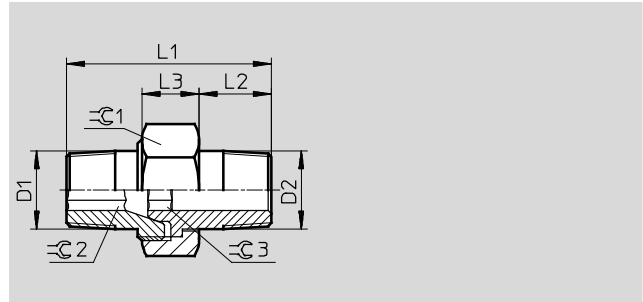
FESTO

## Double nipple ESK

adjustable for angular compensation

Material:

Brass



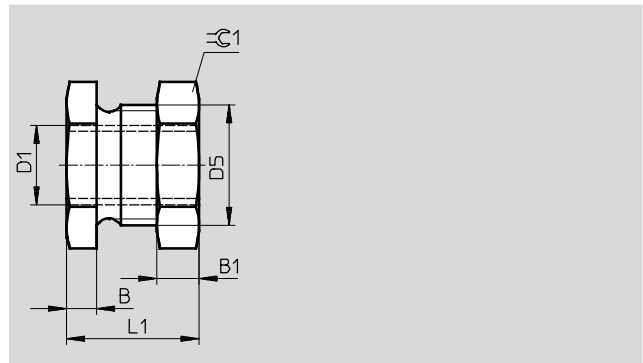
| Dimensions and ordering data  |                               |      |    |     |     |     |     |          |                                                                |                  |
|-------------------------------|-------------------------------|------|----|-----|-----|-----|-----|----------|----------------------------------------------------------------|------------------|
| Connection                    |                               | L1   | L2 | L3  | ⌀ 1 | ⌀ 2 | ⌀ 3 | 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

## Female bulkhead connector SCM

Material:

Blue anodised aluminium



| Dimensions and ordering data  |         |   |      |      |     |                  |          |                                  |                  |
|-------------------------------|---------|---|------|------|-----|------------------|----------|----------------------------------|------------------|
| Connection                    | D5      | B | B1   | L1   | ⌀ 1 | 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

FESTO

## Pipe coupling sleeve QM

Material:

Blue anodised aluminium

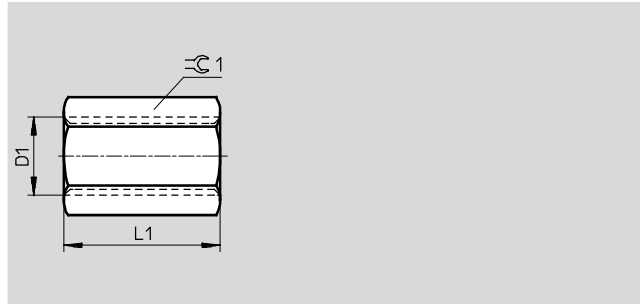
QM-M5-M5:

Steel

Note on materials:

Free of copper and PTFE

Conforms to RoHS



| Dimensions and ordering data |    |     |                  |          |            |                  |
|------------------------------|----|-----|------------------|----------|------------|------------------|
| Connection                   | L1 | ⌀ 1 | Weight/piece [g] | Part No. | Type       | PU <sup>1)</sup> |
| D1                           |    |     |                  |          |            |                  |
| M5                           | 12 | 7   | 1                | 3560     | QM-M5-M5   | 10               |
| G1/8                         | 22 | 13  | 6                | 2254     | QM-1/8-1/8 | 10               |
| G1/4                         | 26 | 17  | 9                | 2255     | QM-1/4-1/4 | 10               |
| G3/8                         | 32 | 22  | 19               | 2256     | QM-3/8-3/8 | 10               |
| G1/2                         | 36 | 27  | 31               | 2257     | QM-1/2-1/2 | 1                |
| G3/4                         | 36 | 32  | 36               | 4226     | QM-3/4-3/4 | 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

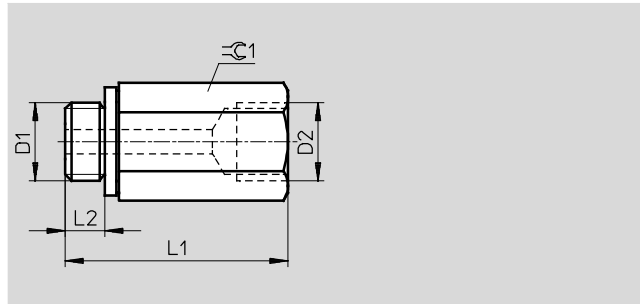
QM-M5-A/I:

Steel

Note on materials:

Conforms to RoHS

Free of copper and PTFE



| Dimensions and ordering data |      |      |      |     |                  |          |            |                  |
|------------------------------|------|------|------|-----|------------------|----------|------------|------------------|
| Connection                   |      | L1   | L2   | ⌀ 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               |
| G1/8                         | G1/8 | 25.6 | 4.9  | 13  | 7                | 36170    | QM-1/8-A/I | 10               |
| G1/4                         | G1/4 | 36   | 5.8  | 17  | 15               | 36171    | QM-1/4-A/I | 10               |
| G3/8                         | G3/8 | 37.8 | 6.8  | 19  | 16               | 36172    | QM-3/8-A/I | 10               |
| G1/2                         | G1/2 | 49   | 8.15 | 24  | 36               | 187387   | QM-1/2-A/I | 1                |

1) Packaging unit quantity

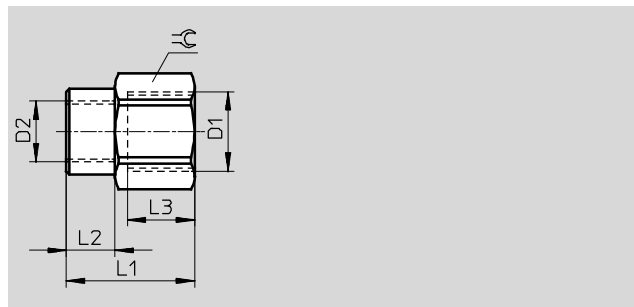
# Threaded fittings

Technical data

FESTO

## Reducing sleeve QMR

Material:  
Nickel plated brass



| Dimensions and ordering data  |                   |                               |    |    |    |    |                  |          |                                                                   |                  |
|-------------------------------|-------------------|-------------------------------|----|----|----|----|------------------|----------|-------------------------------------------------------------------|------------------|
| Connection                    | Nominal size [mm] | Connection                    | L1 | L2 | L3 | ≡  | Weight/piece [g] | Part No. | Type                                                              | PU <sup>1)</sup> |
| D1                            |                   | D2                            |    |    |    |    |                  |          |                                                                   |                  |
| M thread                      |                   |                               |    |    |    |    |                  |          |                                                                   |                  |
| G <sup>1</sup> / <sub>8</sub> | 2.6               | M5                            | 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> | 5.3               | G <sup>1</sup> / <sub>8</sub> | 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> | 6.9               | G <sup>1</sup> / <sub>4</sub> | 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> | 10.7              | G <sup>3</sup> / <sub>8</sub> | 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 NPFB

Technical data

FESTO

## Sleeve NPFB-S

Operating pressure:

-0.95 ... +40 bar

Ambient temperature:

-20 ... +150 °C

Operating medium:

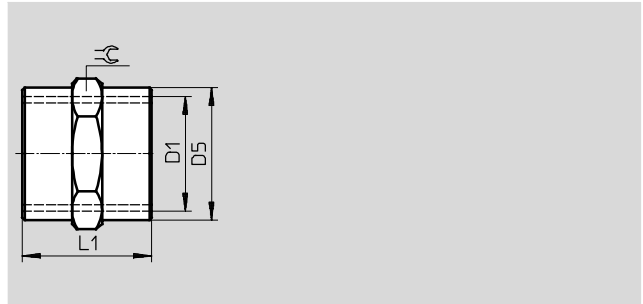
Compressed air in accordance with  
ISO 8573-1:2010 [7:-:-]

Material:

Nickel-plated brass

Note on material:

Conforms to RoHS



| Dimensions and ordering data  |      |    |    |                     |          |               |                  |
|-------------------------------|------|----|----|---------------------|----------|---------------|------------------|
| Connection                    | D5   | L1 | ≡  | Weight/piece<br>[g] | Part No. | Type          | PU <sup>1)</sup> |
| D1                            | Ø    |    |    |                     |          |               |                  |
| M thread                      |      |    |    |                     |          |               |                  |
| M5                            | 7.5  | 11 | 8  | 3                   | 547809   | NPFB-S-2M5-F  | 10               |
| G thread                      |      |    |    |                     |          |               |                  |
| G <sup>1</sup> / <sub>8</sub> | 13.8 | 15 | 14 | 11                  | 547810   | NPFB-S-2G18-F | 10               |
| G <sup>1</sup> / <sub>4</sub> | 16.8 | 22 | 17 | 20                  | 547811   | NPFB-S-2G14-F | 10               |
| G <sup>3</sup> / <sub>8</sub> | 21.8 | 24 | 22 | 38                  | 547812   | NPFB-S-2G38-F | 10               |
| G <sup>1</sup> / <sub>2</sub> | 25.5 | 30 | 26 | 55                  | 547813   | NPFB-S-2G12-F | 10               |
| G <sup>3</sup> / <sub>4</sub> | 31.5 | 32 | 32 | 91                  | 547814   | NPFB-S-2G34-F | 10               |

1) Packaging unit quantity

## Reducing sleeve NPFB-R

Operating pressure:

-0.95 ... +40 bar

Ambient temperature:

-20 ... +150 °C

Operating medium:

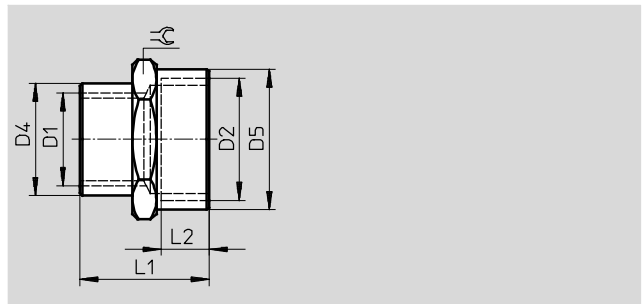
Compressed air in accordance with  
ISO 8573-1:2010 [7:-:-]

Material:

Nickel-plated brass

Note on material:

Conforms to RoHS



| Dimensions and ordering data  |                               |      |      |    |    |    |              |               |                         |                  |
|-------------------------------|-------------------------------|------|------|----|----|----|--------------|---------------|-------------------------|------------------|
| Connection                    |                               | D4   | D5   | L1 | L2 | ≡  | Weight/piece | Part No.      | Type                    | PU <sup>1)</sup> |
| D1                            | D2                            | Ø    | Ø    |    |    |    | [g]          |               |                         |                  |
| G <sup>1</sup> / <sub>8</sub> | G <sup>3</sup> / <sub>8</sub> | 13.8 | 21.8 | 20 | 10 | 22 | 30           | <b>547815</b> | <b>NPFB-R-G38-G18-F</b> | <b>10</b>        |
| G <sup>1</sup> / <sub>2</sub> | G <sup>3</sup> / <sub>4</sub> | 25.5 | 31.5 | 30 | 13 | 32 | 83           | <b>547816</b> | <b>NPFB-R-G34-G12-F</b> | <b>10</b>        |

1) Packaging unit quantity

# Threaded fittings NPFB

Technical data

FESTO

## Extension NPFB-E...

Operating pressure:

-0.95 ... +40 bar

Ambient temperature:

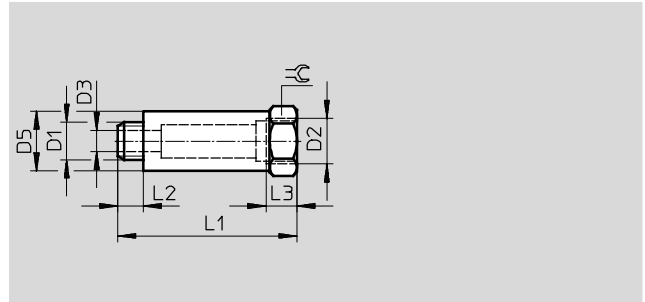
-20 ... +150 °C

Operating medium:

Compressed air in accordance with  
ISO 8573-1:2010 [7:-:-]

Material:

Nickel-plated brass



Note on material:

Conforms to RoHS

| Dimensions and ordering data |      |    |      |    |    |     |    |                     |          |                 |                  |
|------------------------------|------|----|------|----|----|-----|----|---------------------|----------|-----------------|------------------|
| Connection                   |      | D3 | D5   | L1 | L2 | L3  | ≙  | Weight/piece<br>[g] | Part No. | Type            | PU <sup>1)</sup> |
| D1                           | D2   | Ø  | Ø    |    |    |     |    |                     |          |                 |                  |
| E1                           |      |    |      |    |    |     |    |                     |          |                 |                  |
| G1/8                         | G1/8 | 5  | 13.5 | 22 | 6  | 6.5 | 14 | 17                  | 547822   | NPFB-E1-2G18-FM | 10               |
| G1/4                         | G1/4 | 7  | 16.5 | 28 | 8  | 10  | 17 | 28                  | 547823   | NPFB-E1-2G14-FM | 10               |
| G3/8                         | G3/8 | 11 | 21.8 | 32 | 9  | 10  | 22 | 40                  | 547824   | NPFB-E1-2G38-FM | 10               |
| G1/2                         | G1/2 | 14 | 25.5 | 35 | 10 | 11  | 26 | 55                  | 547825   | NPFB-E1-2G12-FM | 10               |
| E2                           |      |    |      |    |    |     |    |                     |          |                 |                  |
| G1/8                         | G1/8 | 5  | 13.5 | 32 | 6  | 6.5 | 14 | 25                  | 547826   | NPFB-E2-2G18-FM | 10               |
| G1/4                         | G1/4 | 7  | 16.5 | 35 | 8  | 10  | 17 | 35                  | 547827   | NPFB-E2-2G14-FM | 10               |
| E3                           |      |    |      |    |    |     |    |                     |          |                 |                  |
| G1/8                         | G1/8 | 5  | 13.5 | 42 | 6  | 6.5 | 14 | 32                  | 547828   | NPFB-E3-2G18-FM | 10               |
| G1/4                         | G1/4 | 7  | 16.5 | 51 | 8  | 10  | 17 | 51                  | 547829   | NPFB-E3-2G14-FM | 10               |
| E4                           |      |    |      |    |    |     |    |                     |          |                 |                  |
| G1/8                         | G1/8 | 5  | 13.5 | 51 | 6  | 6.5 | 14 | 40                  | 547830   | NPFB-E4-2G18-FM | 10               |

1) Packaging unit quantity

# Threaded fittings NPFB

Technical data

FESTO

## Double nipple NPFB-D

Operating pressure:

–0.95 ... +40 bar

Ambient temperature:

–20 ... +150 °C

Operating medium:

Compressed air in accordance with  
ISO 8573-1:2010 [7:--]

Material:

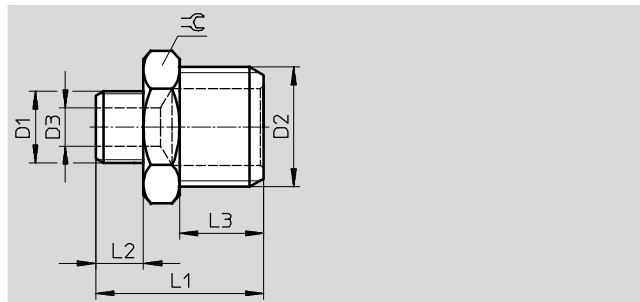
Nickel-plated brass

Note on material:

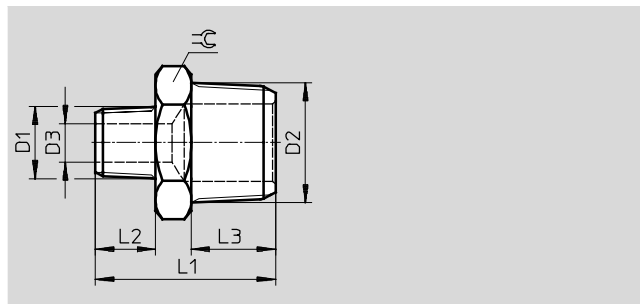
Conforms to RoHS



G thread



R thread



| Dimensions and ordering data |      |         |      |      |      |    |                     |          |                  |                  |
|------------------------------|------|---------|------|------|------|----|---------------------|----------|------------------|------------------|
| Connection                   |      | D3<br>Ø | L1   | L2   | L3   | ≡  | Weight/piece<br>[g] | Part No. | Type             | PU <sup>1)</sup> |
| D1                           | D2   |         |      |      |      |    |                     |          |                  |                  |
| M thread                     |      |         |      |      |      |    |                     |          |                  |                  |
| M5                           | M5   | 2       | 11.5 | 4    | 4    | 8  | 3                   | 550036   | NPFB-D-2M5-M     | 10               |
| M7                           | G1/8 | 4       | 14.5 | 4    | 6    | 14 | 7                   | 547799   | NPFB-D-M7-G18-M  | 10               |
| G thread                     |      |         |      |      |      |    |                     |          |                  |                  |
| G1/8                         | G1/8 | 5.5     | 16.5 | 6    | 6    | 14 | 10                  | 547800   | NPFB-D-2G18-M    | 10               |
|                              | G1/4 | 5.5     | 19   | 6    | 8    | 17 | 16                  | 547801   | NPFB-D-G18-G14-M | 10               |
|                              | G3/8 | 5.5     | 20   | 6    | 9    | 19 | 21                  | 547802   | NPFB-D-G18-G38-M | 10               |
| G1/4                         | G1/4 | 8       | 21   | 8    | 8    | 17 | 17                  | 547803   | NPFB-D-2G14-M    | 10               |
|                              | G3/8 | 8       | 22   | 8    | 9    | 19 | 23                  | 547804   | NPFB-D-G14-G38-M | 10               |
|                              | G1/2 | 8       | 23.5 | 8    | 10   | 24 | 36                  | 547805   | NPFB-D-G14-G12-M | 10               |
| G3/8                         | G3/8 | 11      | 23   | 9    | 9    | 19 | 24                  | 547806   | NPFB-D-2G38-M    | 10               |
|                              | G1/2 | 11      | 24.5 | 9    | 10   | 24 | 37                  | 547807   | NPFB-D-G38-G12-M | 10               |
| G1/2                         | G1/2 | 14      | 25.5 | 10   | 10   | 24 | 38                  | 547808   | NPFB-D-2G12-M    | 10               |
| R thread                     |      |         |      |      |      |    |                     |          |                  |                  |
| R1/8                         | R1/8 | 5       | 20   | 8    | 8    | 12 | 11                  | 547787   | NPFB-D-2R18-M    | 10               |
|                              | R1/4 | 5       | 24   | 8    | 11   | 14 | 17                  | 547788   | NPFB-D-R18-R14-M | 10               |
|                              | R3/8 | 5.5     | 24.5 | 8    | 11.5 | 17 | 23                  | 547789   | NPFB-D-R18-R38-M | 10               |
| R1/4                         | R1/4 | 8       | 27   | 11   | 11   | 14 | 21                  | 547790   | NPFB-D-2R14-M    | 10               |
|                              | R3/8 | 8       | 27.5 | 11   | 11.5 | 17 | 27                  | 547791   | NPFB-D-R14-R38-M | 10               |
|                              | R1/2 | 8       | 30.5 | 11   | 14   | 22 | 44                  | 547792   | NPFB-D-R14-R12-M | 10               |
| R3/8                         | R3/8 | 11      | 28   | 11.5 | 11.5 | 17 | 30                  | 547793   | NPFB-D-2R38-M    | 10               |
|                              | R1/2 | 11      | 31   | 11.5 | 14   | 22 | 47                  | 547794   | NPFB-D-R38-R12-M | 10               |
| R1/2                         | R1/2 | 14      | 33.5 | 14   | 14   | 22 | 56                  | 547795   | NPFB-D-2R12-M    | 10               |
|                              | R3/4 | 14      | 37.5 | 14   | 16.5 | 27 | 84                  | 547796   | NPFB-D-R12-R34-M | 10               |
| R3/4                         | R3/4 | 18.5    | 40   | 16.5 | 16.5 | 27 | 97                  | 547797   | NPFB-D-2R34-M    | 10               |
| R1                           | R1   | 24.5    | 45.5 | 19   | 19   | 34 | 158                 | 547798   | NPFB-D-2R1-M     | 10               |

1) Packaging unit quantity

# Threaded fittings NPFB

Technical data

## Reducing nipple NPFB-R

Operating pressure:

–0.95 ... +40 bar

Ambient temperature:

–20 ... +150 °C

Operating medium:

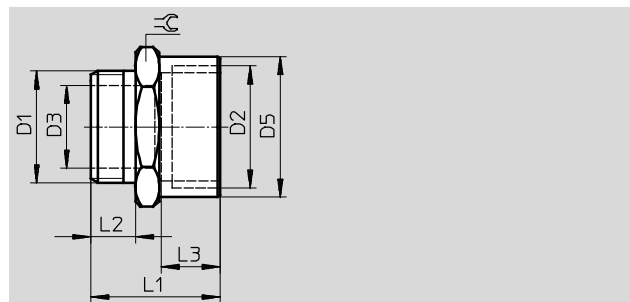
Compressed air in accordance with  
ISO 8573-1:2010 [7:–:–]

Material:

Nickel-plated brass

Note on material:

Conforms to RoHS



| Dimensions and ordering data |      |     |      |      |    |     |    |                     |          |                   |                  |
|------------------------------|------|-----|------|------|----|-----|----|---------------------|----------|-------------------|------------------|
| Connection                   |      | D3  | D5   | L1   | L2 | L3  | ≅  | Weight/piece<br>[g] | Part No. | Type              | PU <sup>1)</sup> |
| D1                           | D2   | Ø   | Ø    |      |    |     |    |                     |          |                   |                  |
| M5                           | G1/8 | 2   | 13.8 | 15.5 | 4  | 6.5 | 14 | 11                  | 547817   | NPFB-R-G18-M5-FM  | 10               |
| G1/8                         | G1/4 | 5.5 | 16.8 | 20.5 | 6  | 8   | 17 | 19                  | 547818   | NPFB-R-G14-G18-FM | 10               |
|                              | G3/8 | 5.5 | 21.8 | 23   | 6  | 10  | 22 | 35                  | 547819   | NPFB-R-G38-G18-FM | 10               |
| G1/4                         | G3/8 | 8   | 21.8 | 24   | 8  | 10  | 22 | 35                  | 547820   | NPFB-R-G38-G14-FM | 10               |
| G3/8                         | G1/2 | 11  | 25.5 | 29.5 | 9  | 11  | 26 | 51                  | 547821   | NPFB-R-G12-G38-FM | 10               |

1) Packaging unit quantity

## Reducing nipple NPFB-R

Operating pressure:

–0.95 ... +40 bar

Ambient temperature:

–20 ... +150 °C

Operating medium:

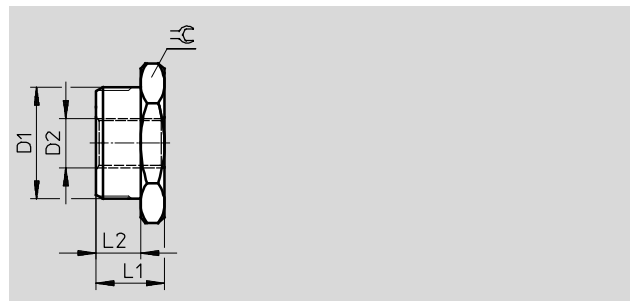
Compressed air in accordance with  
ISO 8573-1:2010 [7:–:–]

Material:

Nickel-plated brass

Note on material:

Conforms to RoHS



| Dimensions and ordering data |      |      |    |    |                     |          |                   |                  |  |  |  |
|------------------------------|------|------|----|----|---------------------|----------|-------------------|------------------|--|--|--|
| Connection                   |      | L1   | L2 | ≅  | Weight/piece<br>[g] | Part No. | Type              | PU <sup>1)</sup> |  |  |  |
| D1                           | D2   |      |    |    |                     |          |                   |                  |  |  |  |
| G1/8                         | M5   | 10.5 | 6  | 14 | 8                   | 547831   | NPFB-R-G18-M5-MF  | 10               |  |  |  |
| G1/4                         | G1/8 | 13   | 8  | 17 | 13                  | 547832   | NPFB-R-G14-G18-MF | 10               |  |  |  |
| G3/8                         | G1/8 | 14   | 9  | 19 | 22                  | 547833   | NPFB-R-G38-G18-MF | 10               |  |  |  |
|                              | G1/4 | 14   | 9  | 19 | 16                  | 547834   | NPFB-R-G38-G14-MF | 10               |  |  |  |
| G1/2                         | G1/4 | 15.5 | 10 | 24 | 35                  | 547835   | NPFB-R-G12-G14-MF | 10               |  |  |  |
|                              | G3/8 | 15.5 | 10 | 24 | 28                  | 547836   | NPFB-R-G12-G38-MF | 10               |  |  |  |
| G3/4                         | G1/2 | 17.5 | 11 | 30 | 51                  | 575668   | NPFB-R-G34-G12-MF | 10               |  |  |  |

1) Packaging unit quantity

# Threaded fittings NPFB

Technical data

FESTO

## Elbow fitting NPFB-L

Operating pressure:

-0.95 ... +40 bar

Ambient temperature:

-20 ... +150 °C

Operating medium:

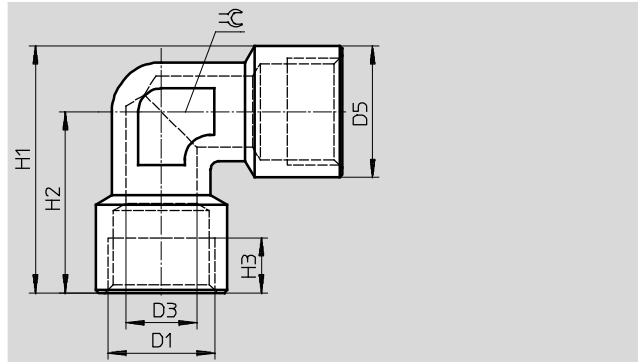
Compressed air in accordance with  
ISO 8573-1:2010 [7:-:-]

Material:

Nickel-plated brass

Note on material:

Conforms to RoHS



| Dimensions and ordering data |     |      |       |      |      |    |                     |          |               |                  |
|------------------------------|-----|------|-------|------|------|----|---------------------|----------|---------------|------------------|
| Connection                   | D3  | D5   | H1    | H2   | H3   | ∠  | Weight/piece<br>[g] | Part No. | Type          | PU <sup>1)</sup> |
| D1                           | Ø   | Ø    |       |      |      |    |                     |          |               |                  |
| M5                           | 4.2 | 8.5  | 15.25 | 11   | 4    | 9  | 31                  | 547715   | NPFB-L-2M5-F  | 10               |
| G1/8                         | 6   | 13   | 26.5  | 20   | 7    | 10 | 19                  | 547716   | NPFB-L-2G18-F | 10               |
| G1/4                         | 9   | 16   | 33.5  | 25.5 | 8    | 13 | 31                  | 547717   | NPFB-L-2G14-F | 10               |
| G3/8                         | 10  | 20.5 | 39.25 | 29   | 10   | 17 | 61                  | 547718   | NPFB-L-2G38-F | 10               |
| G1/2                         | 14  | 25.5 | 47.75 | 35   | 11   | 20 | 115                 | 547719   | NPFB-L-2G12-F | 10               |
| G3/4                         | 19  | 32   | 52.5  | 36.5 | 16.5 | 25 | 145                 | 547720   | NPFB-L-2G34-F | 10               |
| G1                           | 24  | 39   | 64.5  | 45   | 19   | 30 | 245                 | 547721   | NPFB-L-2G1-F  | 10               |

1) Packaging unit quantity

## Elbow fitting NPFB-L

Operating pressure:

-0.95 ... +40 bar

Ambient temperature:

-20 ... +150 °C

Operating medium:

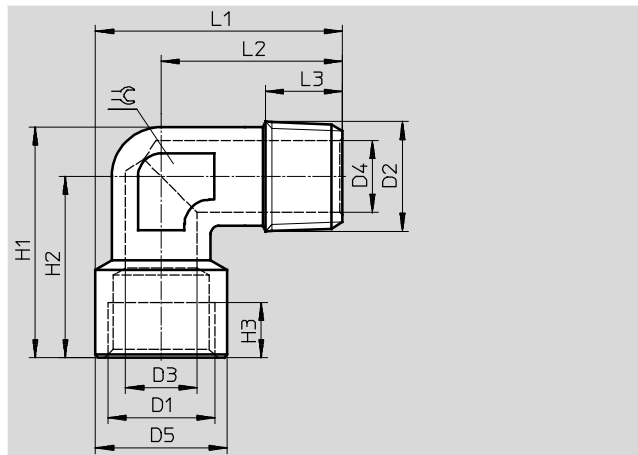
Compressed air in accordance with  
ISO 8573-1:2010 [7:-:-]

Material:

Nickel-plated brass

Note on material:

Conforms to RoHS



| Dimensions and ordering data |      |     |     |      |       |      |      |       |      |      |    |                     |          |                   |                  |
|------------------------------|------|-----|-----|------|-------|------|------|-------|------|------|----|---------------------|----------|-------------------|------------------|
| Connection                   |      | D3  | D4  | D5   | L1    | L2   | L3   | H1    | H2   | H3   | ∠  | Weight/piece<br>[g] | Part No. | Type              | PU <sup>1)</sup> |
| D1                           | D2   | Ø   | Ø   | Ø    |       |      |      |       |      |      |    |                     |          |                   |                  |
| M5                           | M5   | 4.2 | 2   | 7.5  | 15.25 | 11.5 | 4    | 17    | 13.5 | 4    | 9  | 6                   | 547722   | NPFB-L-2M5-MF     | 10               |
| G1/8                         | R1/8 | 6   | 5.5 | 13   | 25.5  | 19   | 8    | 25    | 20   | 7    | 10 | 18                  | 547723   | NPFB-L-R18-G18-MF | 10               |
| G1/4                         | R1/4 | 9   | 8   | 16   | 32    | 24   | 12.5 | 32    | 25.5 | 8    | 13 | 32                  | 547724   | NPFB-L-R14-G14-MF | 10               |
| G3/8                         | R3/8 | 10  | 11  | 20.5 | 36.75 | 26.5 | 13.6 | 37.5  | 29   | 10   | 17 | 55                  | 547725   | NPFB-L-R38-G38-MF | 10               |
| G1/2                         | R1/2 | 14  | 14  | 25.5 | 44.25 | 31.5 | 15.5 | 45.5  | 35   | 11   | 20 | 99                  | 547726   | NPFB-L-R12-G12-MF | 10               |
| G3/4                         | R3/4 | 19  | 19  | 32   | 49    | 33   | 16   | 49.75 | 36.5 | 16.5 | 25 | 120                 | 547727   | NPFB-L-R34-G34-MF | 10               |
| G1                           | R1   | 24  | 24  | 39   | 58.5  | 39   | 17   | 60.5  | 45   | 19   | 30 | 212                 | 547728   | NPFB-L-R1-G1-MF   | 10               |

1) Packaging unit quantity

# Threaded fittings NPFB

Technical data

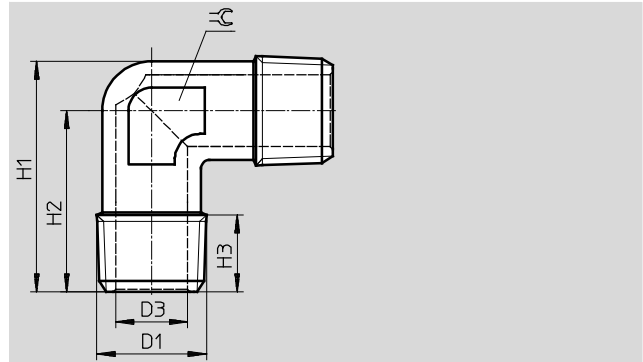
FESTO

## Elbow fitting NPFB-L

Operating pressure:  
-0.95 ... +40 bar  
Ambient temperature:  
-20 ... +150 °C  
Operating medium:  
Compressed air in accordance with  
ISO 8573-1:2010 [7:-:-]

Material:  
Nickel-plated brass

Note on material:  
Conforms to RoHS



| Dimensions and ordering data  |         |      |      |      |    |                     |          |               |                  |
|-------------------------------|---------|------|------|------|----|---------------------|----------|---------------|------------------|
| Connection<br>D1              | D3<br>Ø | H1   | H2   | H3   | ≡  | Weight/piece<br>[g] | Part No. | Type          | PU <sup>1)</sup> |
| M5                            | 2       | 15.5 | 11.5 | 4    | 9  | 8                   | 547729   | NPFB-L-2M5-M  | 10               |
| R <sup>1</sup> / <sub>8</sub> | 5.5     | 24   | 19   | 8    | 10 | 14                  | 547730   | NPFB-L-2R18-M | 10               |
| R <sup>1</sup> / <sub>4</sub> | 8       | 30.5 | 24   | 12.5 | 13 | 29                  | 547731   | NPFB-L-2R14-M | 10               |
| R <sup>3</sup> / <sub>8</sub> | 11      | 34.8 | 26.5 | 13.6 | 17 | 45                  | 547732   | NPFB-L-2R38-M | 10               |
| R <sup>1</sup> / <sub>2</sub> | 14      | 42   | 31.5 | 15.5 | 20 | 83                  | 547733   | NPFB-L-2R12-M | 10               |
| R <sup>3</sup> / <sub>4</sub> | 19      | 46   | 33   | 16   | 25 | 100                 | 547734   | NPFB-L-2R34-M | 10               |
| R1                            | 24      | 54.5 | 39   | 17   | 30 | 174                 | 547735   | NPFB-L-2R1-M  | 10               |

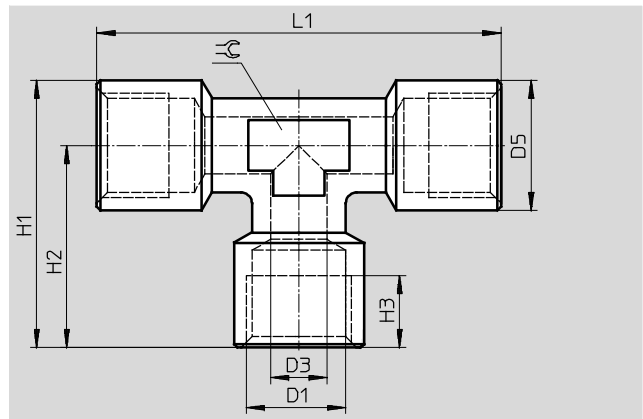
1) Packaging unit quantity

## T-fitting NPFB-T

Operating pressure:  
-0.95 ... +40 bar  
Ambient temperature:  
-20 ... +150 °C  
Operating medium:  
Compressed air in accordance with  
ISO 8573-1:2010 [7:-:-]

Material:  
Nickel-plated brass

Note on material:  
Conforms to RoHS



| Dimensions and ordering data |         |         |    |       |      |      |    |                     |          |               |                  |
|------------------------------|---------|---------|----|-------|------|------|----|---------------------|----------|---------------|------------------|
| Connection<br>D1             | D3<br>Ø | D5<br>Ø | L1 | H1    | H2   | H3   | ≡  | Weight/piece<br>[g] | Part No. | Type          | PU <sup>1)</sup> |
| M5                           | 4.2     | 8.5     | 22 | 15.25 | 11   | 5    | 9  | 10                  | 547744   | NPFB-T-3M5-F  | 10               |
| G1/8                         | 6       | 13      | 40 | 26.5  | 20   | 7    | 10 | 27                  | 547745   | NPFB-T-3G18-F | 10               |
| G1/4                         | 9       | 16      | 51 | 33.5  | 25.5 | 8    | 13 | 44                  | 547746   | NPFB-T-3G14-F | 10               |
| G3/8                         | 10      | 21      | 58 | 39.5  | 29   | 10   | 17 | 85                  | 547747   | NPFB-T-3G38-F | 10               |
| G1/2                         | 15      | 26.2    | 70 | 48.1  | 35   | 11   | 20 | 151                 | 547748   | NPFB-T-3G12-F | 10               |
| G3/4                         | 19      | 32      | 73 | 52.5  | 36.5 | 16.5 | 25 | 194                 | 547749   | NPFB-T-3G34-F | 10               |
| G1                           | 24      | 39      | 90 | 64.5  | 45   | 19   | 30 | 326                 | 547750   | NPFB-T-3G1-F  | 10               |

1) Packaging unit quantity

# Threaded fittings NPFB

Technical data

FESTO

## T-fitting NPFB-T

Operating pressure:

-0.95 ... +40 bar

Ambient temperature:

-20 ... +150 °C

Operating medium:

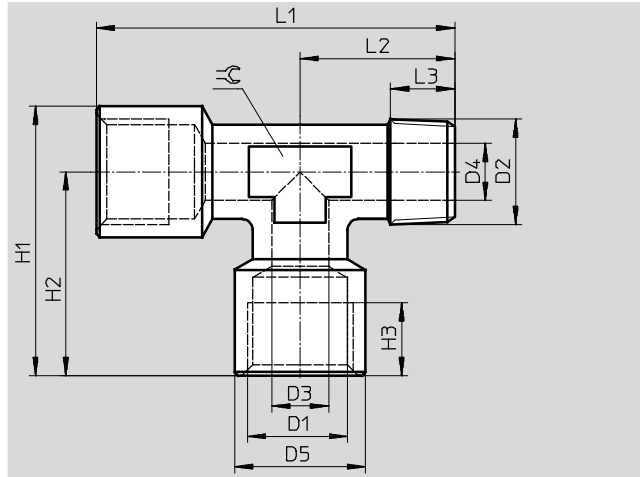
Compressed air in accordance with  
ISO 8573-1:2010 [7:-:-]

Material:

Nickel-plated brass

Note on material:

Conforms to RoHS



| Dimensions and ordering data |      |     |     |      |      |      |      |       |      |      |    |                     |          |                     |                  |
|------------------------------|------|-----|-----|------|------|------|------|-------|------|------|----|---------------------|----------|---------------------|------------------|
| Connection                   |      | D3  | D4  | D5   | L1   | L2   | L3   | H1    | H2   | H3   | ∠  | Weight/piece<br>[g] | Part No. | Type                | PU <sup>1)</sup> |
| D1                           | D2   | Ø   | Ø   | Ø    |      |      |      |       |      |      |    |                     |          |                     |                  |
| M5                           | M5   | 4.2 | 2   | 8.5  | 22.5 | 12   | 4    | 15.25 | 11   | 5    | 9  | 8                   | 547758   | NPFB-T-3M5-FMF      | 10               |
| G1/8                         | R1/8 | 6   | 5.5 | 13   | 39   | 19   | 8    | 26.5  | 20   | 7    | 10 | 26                  | 547759   | NPFB-T-2G18-R18-FMF | 10               |
| G1/4                         | R1/4 | 9   | 8   | 16   | 49.5 | 24   | 11   | 33.5  | 25.5 | 8    | 13 | 46                  | 547760   | NPFB-T-2G14-R14-FMF | 10               |
| G3/8                         | R3/8 | 10  | 11  | 20.5 | 55.5 | 26.5 | 13.6 | 39.25 | 29   | 10   | 17 | 82                  | 547761   | NPFB-T-2G38-R38-FMF | 10               |
| G1/2                         | R1/2 | 15  | 15  | 25.5 | 66.5 | 31.5 | 15.5 | 47.75 | 35   | 11   | 20 | 133                 | 547762   | NPFB-T-2G12-R12-FMF | 10               |
| G3/4                         | R3/4 | 19  | 19  | 32   | 69.5 | 33   | 16   | 52.5  | 36.5 | 16.5 | 25 | 172                 | 547763   | NPFB-T-2G34-R34-FMF | 10               |
| G1                           | R1   | 24  | 24  | 39   | 84   | 39   | 17.5 | 64.5  | 45   | 19   | 30 | 298                 | 547764   | NPFB-T-2G1-R1-FMF   | 10               |

1) Packaging unit quantity

## T-fitting NPFB-T

Operating pressure:

-0.95 ... +40 bar

Ambient temperature:

-20 ... +150 °C

Operating medium:

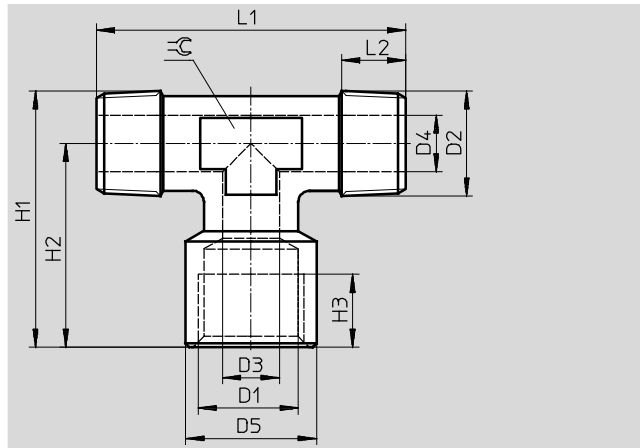
Compressed air in accordance with  
ISO 8573-1:2010 [7:-:-]

Material:

Nickel-plated brass

Note on material:

Conforms to RoHS



| Dimensions and ordering data |      |     |    |      |    |      |      |      |    |    |              |          |                     |                  |
|------------------------------|------|-----|----|------|----|------|------|------|----|----|--------------|----------|---------------------|------------------|
| Connection                   |      | D3  | D4 | D5   | L1 | L2   | H1   | H2   | H3 | ≡C | Weight/piece | Part No. | Type                | PU <sup>1)</sup> |
| D1                           | D2   | Ø   | Ø  | Ø    |    |      |      |      |    |    | [g]          |          |                     |                  |
| G1/8                         | R1/8 | 5.5 | 6  | 13   | 38 | 8    | 24.9 | 20   | 7  | 10 | 23           | 547771   | NPFB-T-G18-2R18-FMM | 10               |
| G1/4                         | R1/4 | 8   | 9  | 16   | 48 | 12.5 | 32   | 25.5 | 8  | 13 | 43           | 547772   | NPFB-T-G14-2R14-FMM | 10               |
| G3/8                         | R3/8 | 11  | 10 | 20.5 | 53 | 13.6 | 37.5 | 29   | 10 | 17 | 72           | 547773   | NPFB-T-G38-2R38-FMM | 10               |
| G1/2                         | R1/2 | 15  | 15 | 25.5 | 63 | 15.5 | 45.7 | 35   | 11 | 20 | 118          | 547774   | NPFB-T-G12-2R12-FMM | 10               |

1) Packaging unit quantity

# Threaded fittings NPFB

Technical data

FESTO

## T-fitting NPFB-T

Operating pressure:

-0.95 ... +40 bar

Ambient temperature:

-20 ... +150 °C

Operating medium:

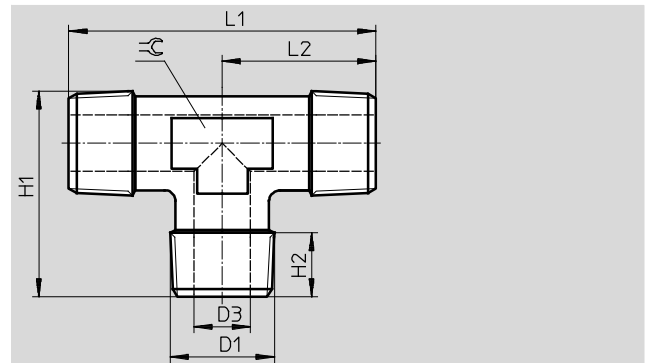
Compressed air in accordance with  
ISO 8573-1:2010 [7:-:-]

Material:

Nickel-plated brass

Note on material:

Conforms to RoHS



| Dimensions and ordering data |     |      |      |      |      |    |              |          |               |                  |
|------------------------------|-----|------|------|------|------|----|--------------|----------|---------------|------------------|
| Connection                   | D3  | L1   | L2   | H1   | H2   | ≡  | Weight/piece | Part No. | Type          | PU <sup>1)</sup> |
| D1                           | Ø   |      |      |      |      |    | [g]          |          |               |                  |
| R $\frac{1}{8}$              | 5.5 | 38   | 19   | 23.9 | 8    | 10 | 20           | 547765   | NPFB-T-3R18-M | 10               |
| R $\frac{1}{4}$              | 8   | 48   | 24   | 30.6 | 12.5 | 13 | 41           | 547766   | NPFB-T-3R14-M | 10               |
| R $\frac{3}{8}$              | 11  | 53   | 26.5 | 34.8 | 13.6 | 17 | 62           | 547767   | NPFB-T-3R38-M | 10               |
| R $\frac{1}{2}$              | 15  | 63   | 31.5 | 42.2 | 15.5 | 20 | 101          | 547768   | NPFB-T-3R12-M | 10               |
| R $\frac{3}{4}$              | 19  | 66.4 | 33.2 | 45   | 16.2 | 25 | 134          | 547769   | NPFB-T-3R34-M | 10               |
| R1                           | 24  | 78   | 39   | 54.2 | 17.5 | 30 | 236          | 547770   | NPFB-T-3R1-M  | 10               |

1) Packaging unit quantity

## T-fitting NPFB-T

Operating pressure:

-0.95 ... +40 bar

Ambient temperature:

-20 ... +150 °C

Operating medium:

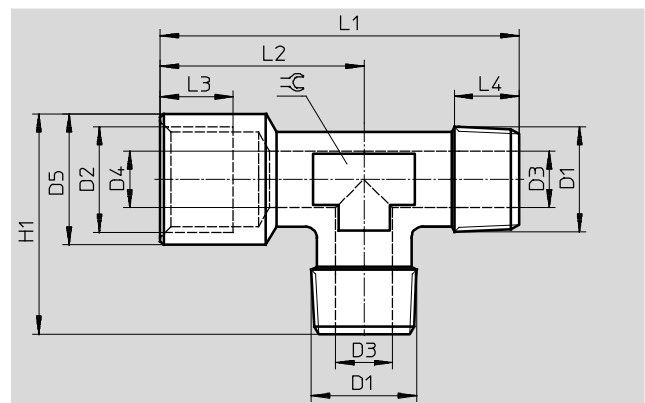
Compressed air in accordance with  
ISO 8573-1:2010 [7:-:-]

Material:

Nickel-plated brass

Note on material:

Conforms to RoHS



| Dimensions and ordering data  |                               |         |         |         |      |      |    |      |       |                                                                                       |                     |          |                     |                  |
|-------------------------------|-------------------------------|---------|---------|---------|------|------|----|------|-------|---------------------------------------------------------------------------------------|---------------------|----------|---------------------|------------------|
| Connection                    |                               | D3<br>Ø | D4<br>Ø | D5<br>Ø | L1   | L2   | L3 | L4   | H1    |  | Weight/piece<br>[g] | Part No. | Type                | PU <sup>1)</sup> |
| D1                            | D2                            |         |         |         |      |      |    |      |       |                                                                                       |                     |          |                     |                  |
| R <sup>1</sup> / <sub>8</sub> | G <sup>1</sup> / <sub>8</sub> | 6       | 5.5     | 13      | 39   | 20   | 7  | 8    | 25.5  | 10                                                                                    | 24                  | 547775   | NPFB-T-2R18-G18-MMF | 10               |
| R <sup>1</sup> / <sub>4</sub> | G <sup>1</sup> / <sub>4</sub> | 9       | 8       | 16      | 49.5 | 25.5 | 8  | 12.5 | 32    | 13                                                                                    | 43                  | 547776   | NPFB-T-2R14-G14-MMF | 10               |
| R <sup>3</sup> / <sub>8</sub> | G <sup>3</sup> / <sub>8</sub> | 10      | 11      | 20.5    | 55.5 | 29   | 10 | 13.6 | 36.75 | 17                                                                                    | 72                  | 547777   | NPFB-T-2R38-G38-MMF | 10               |
| R <sup>1</sup> / <sub>2</sub> | G <sup>1</sup> / <sub>2</sub> | 15      | 15      | 25.5    | 66.5 | 35   | 11 | 15.5 | 44.25 | 20                                                                                    | 117                 | 547778   | NPFB-T-2R12-G12-MMF | 10               |

1) Packaging unit quantity

# Threaded fittings NPFB

FESTO

Technical data

## T-fitting NPFB-T

Operating pressure:

-0.95 ... +40 bar

Ambient temperature:

-20 ... +150 °C

Operating medium:

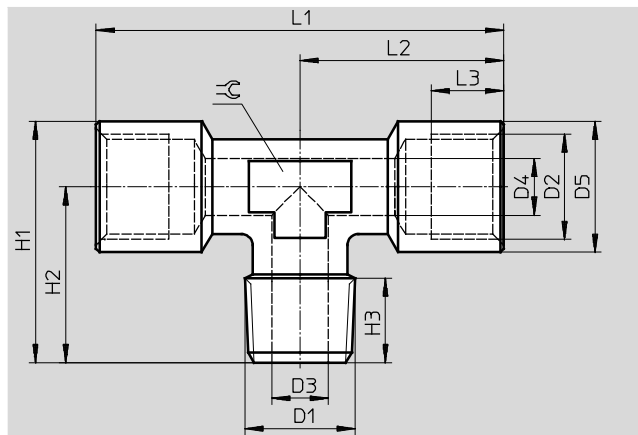
Compressed air in accordance with  
ISO 8573-1:2010 [7:-:-]

Material:

Nickel-plated brass

Note on material:

Conforms to RoHS



| Dimensions and ordering data  |                               |     |     |      |    |      |      |       |      |      |                                                                                   |                     |          |                     |                  |
|-------------------------------|-------------------------------|-----|-----|------|----|------|------|-------|------|------|-----------------------------------------------------------------------------------|---------------------|----------|---------------------|------------------|
| Connection                    |                               | D3  | D4  | D5   | L1 | L2   | L3   | H1    | H2   | H3   |  | Weight/piece<br>[g] | Part No. | Type                | PU <sup>1)</sup> |
| D1                            | D2                            | Ø   | Ø   | Ø    |    |      |      |       |      |      |                                                                                   |                     |          |                     |                  |
| M5                            | M5                            | 2   | 4.2 | 8.5  | 22 | 11   | 5    | 15.75 | 11.5 | 4    | 9                                                                                 | 8                   | 547751   | NPFB-T-3M5-MFF      | 10               |
| R <sup>1</sup> / <sub>8</sub> | G <sup>1</sup> / <sub>8</sub> | 5.5 | 6   | 13   | 40 | 20   | 7    | 25.5  | 19   | 8    | 10                                                                                | 26                  | 547752   | NPFB-T-R18-2G18-MFF | 10               |
| R <sup>1</sup> / <sub>4</sub> | G <sup>1</sup> / <sub>4</sub> | 8   | 9   | 16   | 51 | 25.5 | 8    | 32    | 24   | 12.5 | 13                                                                                | 46                  | 547753   | NPFB-T-R14-2G14-MFF | 10               |
| R <sup>3</sup> / <sub>8</sub> | G <sup>3</sup> / <sub>8</sub> | 11  | 10  | 20.5 | 58 | 29   | 10   | 36.75 | 26.5 | 13.6 | 17                                                                                | 83                  | 547754   | NPFB-T-R38-2G38-MFF | 10               |
| R <sup>1</sup> / <sub>2</sub> | G <sup>1</sup> / <sub>2</sub> | 15  | 15  | 25.5 | 70 | 35   | 11   | 44.25 | 31.5 | 15.5 | 20                                                                                | 130                 | 547755   | NPFB-T-R12-2G12-MFF | 10               |
| R <sup>3</sup> / <sub>4</sub> | G <sup>3</sup> / <sub>4</sub> | 19  | 19  | 32   | 73 | 36.5 | 16.5 | 49    | 33   | 16   | 25                                                                                | 178                 | 547756   | NPFB-T-R34-2G34-MFF | 10               |
| R1                            | G1                            | 24  | 24  | 39   | 90 | 45   | 19   | 58.5  | 39   | 17.5 | 30                                                                                | 296                 | 547757   | NPFB-T-R1-2G1-MFF   | 10               |

1) Packaging unit quantity

## Y-fitting NPFB-Y

Operating pressure:

-0.95 ... +40 bar

Ambient temperature:

-20 ... +150 °C

Operating medium:

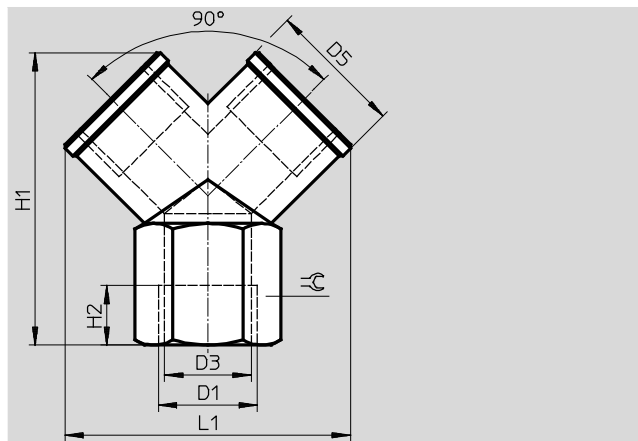
Compressed air in accordance with  
ISO 8573-1:2010 [7:-:-]

Material:

Nickel-plated brass

Note on material:

Conforms to RoHS



| Dimensions and ordering data  |      |    |      |      |      |    |                     |          |               |                  |
|-------------------------------|------|----|------|------|------|----|---------------------|----------|---------------|------------------|
| Connection                    | D3   | D5 | L1   | H1   | H2   | ⌀  | Weight/piece<br>[g] | Part No. | Type          | PU <sup>1)</sup> |
| D1                            | Ø    | Ø  |      |      |      |    |                     |          |               |                  |
| G <sup>1</sup> / <sub>8</sub> | 8.7  | 13 | 29   | 26.5 | 8    | 13 | 18                  | 547736   | NPFB-Y-3G18-F | 10               |
| G <sup>1</sup> / <sub>4</sub> | 11.6 | 17 | 36   | 32   | 11   | 17 | 32                  | 547737   | NPFB-Y-3G14-F | 10               |
| G <sup>3</sup> / <sub>8</sub> | 15   | 21 | 41   | 37   | 11.5 | 20 | 44                  | 547738   | NPFB-Y-3G38-F | 10               |
| G <sup>1</sup> / <sub>2</sub> | 19   | 26 | 52.5 | 45   | 14   | 25 | 92                  | 547739   | NPFB-Y-3G12-F | 10               |

1) Packaging unit quantity

# Threaded fittings NPFB

Technical data

FESTO

## Y-fitting NPFB-Y

Operating pressure:

-0.95 ... +40 bar

Ambient temperature:

-20 ... +150 °C

Operating medium:

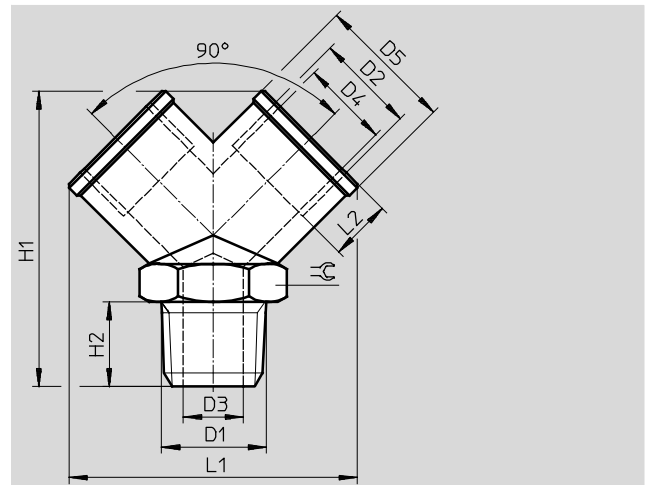
Compressed air in accordance with  
ISO 8573-1:2010 [7:-:-]

Material:

Nickel-plated brass

Note on material:

Conforms to RoHS



| Dimensions and ordering data  |                               |     |      |    |      |      |      |      |    |              |          |                     |                  |
|-------------------------------|-------------------------------|-----|------|----|------|------|------|------|----|--------------|----------|---------------------|------------------|
| Connection                    |                               | D3  | D4   | D5 | L1   | L2   | H1   | H2   | ≈C | Weight/piece | Part No. | Type                | PU <sup>1)</sup> |
| D1                            | D2                            | Ø   | Ø    | Ø  |      |      |      |      |    | [g]          |          |                     |                  |
| R <sup>1</sup> / <sub>8</sub> | G <sup>1</sup> / <sub>8</sub> | 5.5 | 8.7  | 13 | 29   | 8    | 32   | 8    | 13 | 22           | 547740   | NPFB-Y-R18-2G18-MFF | 10               |
| R <sup>1</sup> / <sub>4</sub> | G <sup>1</sup> / <sub>4</sub> | 8   | 11.6 | 17 | 36   | 11   | 38   | 11   | 17 | 38           | 547741   | NPFB-Y-R14-2G14-MFF | 10               |
| R <sup>3</sup> / <sub>8</sub> | G <sup>3</sup> / <sub>8</sub> | 11  | 15   | 21 | 41   | 11.5 | 42.5 | 11.5 | 20 | 52           | 547742   | NPFB-Y-R38-2G38-MFF | 10               |
| R <sup>1</sup> / <sub>2</sub> | G <sup>1</sup> / <sub>2</sub> | 15  | 19   | 26 | 52.5 | 14   | 53   | 14   | 25 | 110          | 547743   | NPFB-Y-R12-2G12-MFF | 10               |

1) Packaging unit quantity

## X-fitting NPFB-X

Operating pressure:

-0.95 ... +40 bar

Ambient temperature:

-20 ... +150 °C

Operating medium:

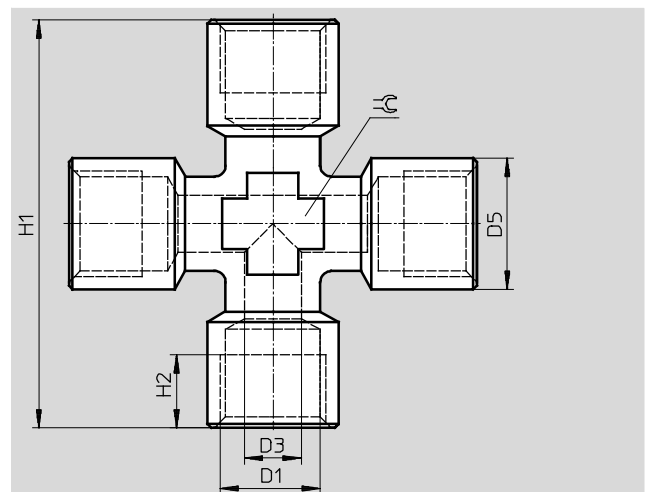
Compressed air in accordance with  
ISO 8573-1:2010 [7:-:-]

Material:

Nickel-plated brass

Note on material:

Conforms to RoHS



| Dimensions and ordering data  |  |    |      |    |    |    |              |          |               |                  |
|-------------------------------|--|----|------|----|----|----|--------------|----------|---------------|------------------|
| Connection                    |  | D3 | D5   | H1 | H2 | ≈C | Weight/piece | Part No. | Type          | PU <sup>1)</sup> |
| D1                            |  | Ø  | Ø    |    |    |    | [g]          |          |               |                  |
| G <sup>1</sup> / <sub>8</sub> |  | 6  | 13   | 46 | 7  | 13 | 60           | 547779   | NPFB-X-4G18-F | 10               |
| G <sup>1</sup> / <sub>4</sub> |  | 9  | 17   | 51 | 8  | 13 | 73           | 547780   | NPFB-X-4G14-F | 10               |
| G <sup>3</sup> / <sub>8</sub> |  | 10 | 20.5 | 58 | 10 | 17 | 118          | 547781   | NPFB-X-4G38-F | 10               |
| G <sup>1</sup> / <sub>2</sub> |  | 15 | 26.2 | 67 | 14 | 21 | 186          | 547782   | NPFB-X-4G12-F | 10               |

1) Packaging unit quantity

# Threaded fittings NPFB

Technical data

FESTO

## X-fitting NPFB-X

Operating pressure:

-0.95 ... +40 bar

Ambient temperature:

-20 ... +150 °C

Operating medium:

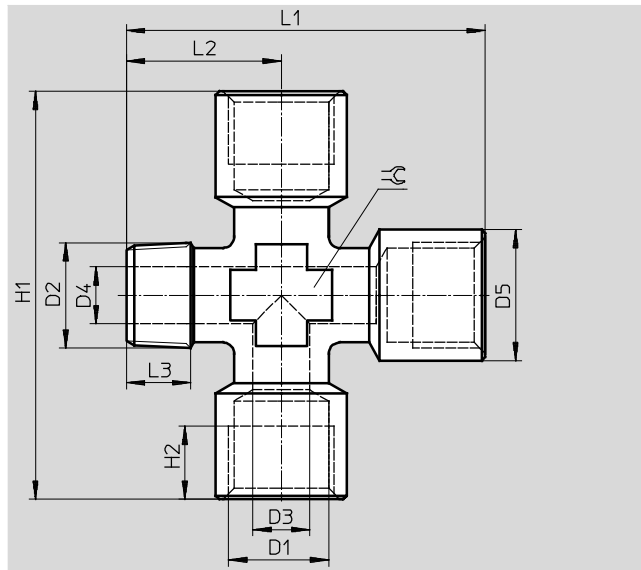
Compressed air in accordance with  
ISO 8573-1:2010 [7:-:-]

Material:

Nickel-plated brass

Note on material:

Conforms to RoHS



| Dimensions and ordering data |      |    |    |      |      |      |      |    |    |    |              |          |                      |                  |
|------------------------------|------|----|----|------|------|------|------|----|----|----|--------------|----------|----------------------|------------------|
| Connection                   |      | D3 | D4 | D5   | L1   | L2   | L3   | H1 | H2 | ≡  | Weight/piece | Part No. | Type                 | PU <sup>1)</sup> |
| D1                           | D2   | Ø  | Ø  | Ø    |      |      |      |    |    |    | [g]          |          |                      |                  |
| G1/8                         | R1/8 | 6  | 6  | 13   | 46   | 23   | 8    | 46 | 7  | 13 | 52           | 547783   | NPFB-X-R18-3G18-MFFF | 10               |
| G1/4                         | R1/4 | 9  | 8  | 17   | 49.5 | 24   | 12.5 | 51 | 8  | 13 | 67           | 547784   | NPFB-X-R14-3G14-MFFF | 10               |
| G3/8                         | R3/8 | 10 | 11 | 20.5 | 55.5 | 26.5 | 13.6 | 58 | 10 | 17 | 100          | 547785   | NPFB-X-R38-3G38-MFFF | 10               |
| G1/2                         | R1/2 | 15 | 15 | 26.2 | 64.5 | 31   | 14.0 | 67 | 14 | 21 | 168          | 547786   | NPFB-X-R12-3G12-MFFF | 10               |

1) Packaging unit quantity