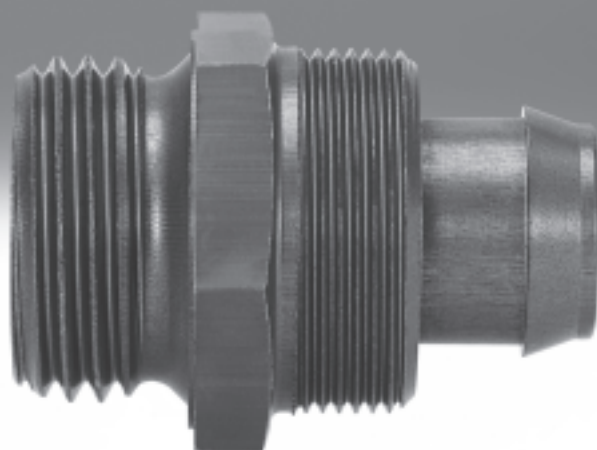


## Quick connectors

**FESTO**



# Quick connectors CK/CX

Product range overview

FESTO

| Design   | Design                                                                              | Type                         | Connection D1 |          | Tubing I.D. | Free of copper, PTFE and silicone | ➔ Page/ Internet |
|----------|-------------------------------------------------------------------------------------|------------------------------|---------------|----------|-------------|-----------------------------------|------------------|
|          |                                                                                     |                              | M thread      | G thread |             |                                   |                  |
| Straight | Quick connector – Female thread with sealing ring                                   |                              |               |          |             |                                   |                  |
|          |    | ACK<br>Metal type            | –             | G1/8     | 3, 4, 6     | ■                                 | 5                |
|          |                                                                                     |                              |               | G1/4     | 4, 6        |                                   |                  |
|          |                                                                                     |                              |               | G3/8     | 6, 9        |                                   |                  |
|          |                                                                                     |                              |               | G1/2     | 13          |                                   |                  |
|          | Quick connector – Male thread with sealing ring                                     |                              |               |          |             |                                   |                  |
|          |    | CK<br>Metal type             | M5            | –        | 3, 4        | ■                                 | 6                |
|          |                                                                                     |                              | –             | G1/8     | 3, 4, 6     |                                   |                  |
|          |                                                                                     |                              |               | G1/4     | 4, 6, 9     |                                   |                  |
|          |                                                                                     |                              |               | G3/8     | 6, 9, 13    |                                   |                  |
|          |                                                                                     |                              |               | G1/2     | 13          |                                   |                  |
|          |                                                                                     | CK-...-KU<br>Polymer design  | –             | G1/8     | 3, 4, 6     | ■                                 | 6                |
|          | G1/4                                                                                |                              |               | 4, 6, 9  |             |                                   |                  |
|          | G3/8                                                                                |                              |               | 6, 9     |             |                                   |                  |
|          | Bulkhead quick connector – Female thread with sealing ring                          |                              |               |          |             |                                   |                  |
|          |   | QCK                          | M5            | –        | 3           | ■                                 | 7                |
|          |                                                                                     |                              | –             | G1/8     | 4           |                                   |                  |
|          |                                                                                     |                              |               | G1/4     | 6           |                                   |                  |
|          |                                                                                     |                              |               | G3/8     | 9           |                                   |                  |
|          | Bulkhead quick connector                                                            |                              |               |          |             |                                   |                  |
|          |  | SCK<br>Metal type            | –             | –        | 3, 4, 6, 9  | ■                                 | 8                |
|          |                                                                                     | SCK-...-KU<br>Polymer design | –             | –        | 3, 4, 6, 9  | ■                                 | 8                |
|          | End cap for plastic tube connectors and barbed connectors                           |                              |               |          |             |                                   |                  |
|          |  | CV-PK                        | –             | –        | 3, 4, 6, 9  | –                                 | 9                |

# Quick connectors CK/CX

Product range overview

**FESTO**

| Design                                                                             | Design                                                                              | Type                      | Connection D1 |          |          | Tubing I.D.    | Free of copper, PTFE and silicone | → Page/ Internet |
|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|---------------------------|---------------|----------|----------|----------------|-----------------------------------|------------------|
|                                                                                    |                                                                                     |                           | M thread      | R thread | G thread |                |                                   |                  |
| L-shape                                                                            | Elbow quick connector                                                               |                           |               |          |          |                |                                   |                  |
|                                                                                    |    | GCK-...-KU                | –             | R 1/8    | –        | 4, 6           | ■                                 | 10               |
|                                                                                    |                                                                                     |                           |               | R 1/4    |          | 4, 6           |                                   |                  |
|                                                                                    |                                                                                     |                           |               | R 3/8    |          | 6, 9           |                                   |                  |
|                                                                                    | Elbow quick connector, rotatable, with 2 sealing rings                              |                           |               |          |          |                |                                   |                  |
|                                                                                    |    | LCK Metal type            | M5            | –        | –        | 3, 4           | ■                                 | 11               |
|                                                                                    |                                                                                     |                           | –             |          | G 1/8    | 3, 4, 6        |                                   |                  |
|                                                                                    |                                                                                     |                           |               |          | G 1/4    | 4, 6, 9        |                                   |                  |
|                                                                                    |                                                                                     |                           |               |          | G 3/8    | 6, 9, 13       |                                   |                  |
|                                                                                    |                                                                                     |                           |               |          | G 1/2    | 13             |                                   |                  |
|                                                                                    |                                                                                     | LCK-...-KU Polymer design | –             | –        | G 1/8    | 4, 6           | ■                                 | 11               |
|                                                                                    | G 1/4                                                                               |                           |               |          | 4, 6     |                |                                   |                  |
|                                                                                    | Elbow quick connector with sealing ring (rotatable 360°)                            |                           |               |          |          |                |                                   |                  |
|  | LCKN                                                                                | M5                        | –             | –        | 3, 4     | –              | 12                                |                  |
|                                                                                    |                                                                                     | –                         |               | G 1/8    | 3, 4, 6  |                |                                   |                  |
|                                                                                    |                                                                                     |                           |               | G 1/4    | 4, 6     |                |                                   |                  |
|                                                                                    |                                                                                     |                           |               | G 3/8    | 6        |                |                                   |                  |
| T-shape                                                                            | T quick connector, rotatable, with 2 sealing rings                                  |                           |               |          |          |                |                                   |                  |
|                                                                                    |  | TCK Metal type            | M5            | –        | –        | 3, 4           | ■                                 | 13               |
|                                                                                    |                                                                                     |                           | –             |          | G 1/8    | 3, 4, 6        |                                   |                  |
|                                                                                    |                                                                                     |                           |               |          | G 1/4    | 4, 6           |                                   |                  |
|                                                                                    |                                                                                     |                           |               |          | G 3/8    | 6, 9           |                                   |                  |
|                                                                                    |                                                                                     |                           |               |          | G 1/2    | 13             |                                   |                  |
|                                                                                    |                                                                                     | TCK-...-KU Polymer design | –             | –        | G 1/8    | 4, 6           | ■                                 | 13               |
|                                                                                    | G 1/4                                                                               |                           |               |          | 4, 6     |                |                                   |                  |
|                                                                                    | T-distributor                                                                       |                           |               |          |          |                |                                   |                  |
|                                                                                    |  | FCK-...-KU                | –             | –        | –        | 3              | ■                                 | 14               |
|                                                                                    |                                                                                     |                           |               |          | 4        |                |                                   |                  |
|                                                                                    |                                                                                     |                           |               |          | 6        |                |                                   |                  |
|                                                                                    |                                                                                     |                           |               |          | 9        |                |                                   |                  |
|                                                                                    | Locknut for CK tube connector                                                       |                           |               |          |          |                |                                   |                  |
|                                                                                    |  | MCK Metal type            | –             | –        | –        | 3, 4, 6, 9, 13 | –                                 | 15               |
|                                                                                    |                                                                                     | MCK-...-KU Polymer design | –             | –        | –        | 3, 4, 6, 9     | –                                 | 15               |

# Quick connectors CK/CX

Product range overview

FESTO

| Design                     | Design                                                                              | Type                                                                                | Connection D1 |          | Tubing I.D. | Free of copper, PTFE and silicone | → Page/<br>Internet |
|----------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|---------------|----------|-------------|-----------------------------------|---------------------|
|                            |                                                                                     |                                                                                     | M thread      | G thread |             |                                   |                     |
| Multiple distributor       | Ring piece with 2 seals                                                             |                                                                                     |               |          |             |                                   |                     |
|                            |    | LK<br>Metal type                                                                    | M5            | –        | 3, 4        | –                                 | 16                  |
|                            |                                                                                     |                                                                                     | –             | G1/8     | 3, 4, 6     |                                   |                     |
|                            |                                                                                     |                                                                                     |               | G1/4     | 4, 6        |                                   |                     |
|                            |                                                                                     |                                                                                     |               | G3/8     | 6           |                                   |                     |
|                            |                                                                                     | LK-...-KU<br>Polymer design                                                         | –             | G1/8     | 4, 6        | –                                 | 16                  |
|                            |                                                                                     |                                                                                     |               | G1/4     | 4, 6        |                                   |                     |
|                            | Ring piece with 2 seals                                                             |                                                                                     |               |          |             |                                   |                     |
|                            |    | TK<br>Metal type                                                                    | M5            | –        | 3, 4        | –                                 | 17                  |
|                            |                                                                                     |                                                                                     | –             | G1/8     | 3, 4, 6     |                                   |                     |
|                            |                                                                                     |                                                                                     |               | G1/4     | 4, 6        |                                   |                     |
|                            |                                                                                     |                                                                                     |               | G3/8     | 6           |                                   |                     |
|                            |                                                                                     | TK-...-KU<br>Polymer design                                                         | –             | G1/8     | 4, 6        | –                                 | 17                  |
|                            |                                                                                     |                                                                                     |               | G1/4     | 4, 6        |                                   |                     |
|                            | Hollow bolt with 2 ring pieces                                                      |                                                                                     |               |          |             |                                   |                     |
|                            |  | VT-...-2<br>2 ring pieces                                                           | M5            | G1/8     | 3, 4, 6     | –                                 | 18                  |
|                            |                                                                                     |                                                                                     |               | G1/4     | 4, 6        |                                   |                     |
|                            |                                                                                     |                                                                                     |               | G3/8     | 6           |                                   |                     |
|                            |                                                                                     | VT-...-3<br>3 ring pieces                                                           | M5            | G1/8     | 3, 4, 6     | –                                 | 18                  |
|                            |                                                                                     |                                                                                     |               | G1/4     | 4, 6        |                                   |                     |
|                            |                                                                                     |                                                                                     |               | G3/8     | 6           |                                   |                     |
| For metal braided hoses PX |                                                                                     |                                                                                     |               |          |             |                                   |                     |
| Straight                   | Quick connector                                                                     |                                                                                     |               |          |             |                                   |                     |
|                            |  | ACX                                                                                 | –             | G1/8     | 4           | –                                 | 19                  |
|                            |                                                                                     |                                                                                     |               | G1/4     | 6           |                                   |                     |
|                            |                                                                                     |                                                                                     |               | G3/8     | 9           |                                   |                     |
|                            | Quick connector                                                                     |                                                                                     |               |          |             |                                   |                     |
|                            |  | CX                                                                                  | –             | G1/8     | 4, 6        | –                                 | 19                  |
|                            |                                                                                     |                                                                                     |               | G1/4     | 4, 6        |                                   |                     |
|                            |                                                                                     |                                                                                     |               | G3/8     | 9           |                                   |                     |
|                            | L-shape                                                                             | Elbow quick connector                                                               |               |          |             |                                   |                     |
|                            |                                                                                     |  | LCX           | –        | G1/8        | 4                                 | –                   |
| G1/4                       |                                                                                     |                                                                                     |               |          | 6           |                                   |                     |
| G3/8                       |                                                                                     |                                                                                     |               |          | 9           |                                   |                     |
| T-shape                    | T quick connector                                                                   |                                                                                     |               |          |             |                                   |                     |
|                            |  | TCX                                                                                 | –             | G1/8     | 4           | –                                 | 20                  |
|                            |                                                                                     |                                                                                     |               | G1/4     | 6           |                                   |                     |
|                            |                                                                                     |                                                                                     |               | G3/8     | 9           |                                   |                     |

## Quick connectors ACK

Technical data

**FESTO**

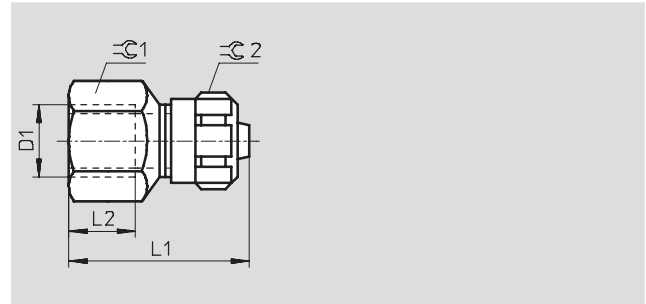
### Quick connector ACK

Female thread with sealing ring

Material:

Blue anodised aluminium

Free of copper and PTFE



| Dimensions and ordering data |                      |             |      |    |    |    |          |                           |     |
|------------------------------|----------------------|-------------|------|----|----|----|----------|---------------------------|-----|
| Connection<br>D1             | Nominal size<br>[mm] | Tubing I.D. | L1   | L2 | 1  | 2  | Part No. | Type                      | PU* |
| G $\frac{1}{8}$              | 2.4                  | 3           | 23.9 | 9  | 13 | 8  | 5 664    | ACK- $\frac{1}{8}$ -PK-3  | 10  |
|                              | 3.4                  | 4           | 27   | 9  | 13 | 12 | 3 714    | ACK- $\frac{1}{8}$ -PK-4  | 10  |
|                              | 5.3                  | 6           | 27   | 9  | 13 | 14 | 7 842    | ACK- $\frac{1}{8}$ -PK-6  | 10  |
| G $\frac{1}{4}$              | 3.4                  | 4           | 30   | 12 | 17 | 12 | 3 713    | ACK- $\frac{1}{4}$ -PK-4  | 10  |
|                              | 5.3                  | 6           | 30   | 12 | 17 | 14 | 3 712    | ACK- $\frac{1}{4}$ -PK-6  | 10  |
| G $\frac{3}{8}$              | 5.3                  | 6           | 31   | 12 | 19 | 14 | 3 711    | ACK- $\frac{3}{8}$ -PK-6  | 10  |
|                              | 8                    | 9           | 37.4 | 15 | 19 | 19 | 3 710    | ACK- $\frac{3}{8}$ -PK-9  | 1   |
| G $\frac{1}{2}$              | 12                   | 13          | 40.2 | 15 | 27 | 24 | 4 099    | ACK- $\frac{1}{2}$ -PK-13 | 1   |

\* Packaging unit quantity

# Quick connectors CK

Technical data

FESTO

## Quick connector CK

Male thread with sealing ring

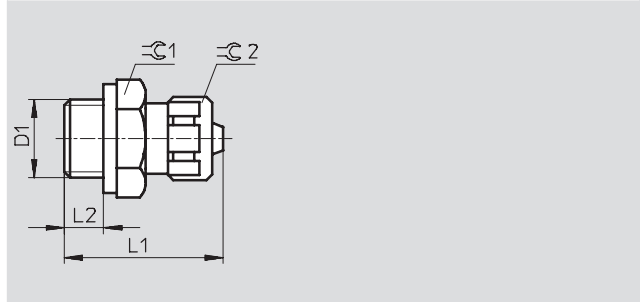
Material:

M thread: Steel, aluminium

G thread: Blue anodised aluminium

Free of copper and PTFE

Certification: Germanischer Lloyd



## Quick connector CK-...-KU

Male thread with moulded-on sealing ring

Material:

Polyacetate

Free of copper and PTFE

Conforms to RoHS

Pressure range: 0 ... 10 bar

Temperature range: -10 ... +60 °C

Certification: Germanischer Lloyd

| Dimensions and ordering data |              |             |      |      |    |     |          |                |     |
|------------------------------|--------------|-------------|------|------|----|-----|----------|----------------|-----|
| Connection                   | Nominal size | Tubing I.D. | L1   | L2   | ≈C | ≈C1 | Part No. | Type           | PU* |
| D1                           | [mm]         |             |      |      |    |     |          |                |     |
| Metal design                 |              |             |      |      |    |     |          |                |     |
| M5                           | 2.0          | 3           | 19.3 | 3.8  | 7  | 8   | 3 561    | CK-M5-PK-3     | 10  |
|                              | 2.9          | 4           | 21.5 | 3.8  | 10 | –   | 3 562    | CK-M5-PK-4     | 10  |
| G1/8                         | 2.0          | 3           | 21.6 | 4.9  | 13 | 8   | 3 563    | CK-1/8-PK-3    | 10  |
|                              | 2.9          | 4           | 24.7 | 4.9  | 13 | 12  | 2 027    | CK-1/8-PK-4    | 10  |
|                              | 4.9          | 6           | 24.8 | 4.9  | 13 | 14  | 2 028    | CK-1/8-PK-6    | 10  |
| G1/4                         | 2.9          | 4           | 27.2 | 5.8  | 17 | 12  | 2 029    | CK-1/4-PK-4    | 10  |
|                              | 4.9          | 6           | 27.3 | 5.8  | 17 | 14  | 2 030    | CK-1/4-PK-6    | 10  |
|                              | 8            | 9           | 30.6 | 5.8  | 17 | 19  | 2 031    | CK-1/4-PK-9    | 10  |
| G3/8                         | 4.9          | 6           | 28.3 | 6.8  | 19 | 14  | 2 032    | CK-3/8-PK-6    | 10  |
|                              | 8            | 9           | 31.6 | 6.8  | 19 | 19  | 2 033    | CK-3/8-PK-9    | 10  |
|                              | 11.7         | 13          | 33.2 | 6.8  | 24 | 24  | 4 097    | CK-3/8-PK-13   | 10  |
| G1/2                         | 11.7         | 13          | 34.7 | 8.5  | 24 | 24  | 4 098    | CK-1/2-PK-13   | 1   |
| Polymer design               |              |             |      |      |    |     |          |                |     |
| G1/8                         | 2.4          | 3           | 22.2 | 6.5  | 13 | 8   | 6 253    | CK-1/8-PK-3-KU | 10  |
|                              | 3.4          | 4           | 25.3 | 6.5  | 13 | 12  | 6 254    | CK-1/8-PK-4-KU | 10  |
|                              | 4.4          | 6           | 25.4 | 6.5  | 13 | 14  | 6 255    | CK-1/8-PK-6-KU | 10  |
| G1/4                         | 3.4          | 4           | 28.5 | 8.5  | 17 | 12  | 6 256    | CK-1/4-PK-4-KU | 10  |
|                              | 5.3          | 6           | 28.6 | 8.5  | 17 | 14  | 6 257    | CK-1/4-PK-6-KU | 10  |
|                              | 7.3          | 9           | 31.9 | 8.5  | 17 | 19  | 6 258    | CK-1/4-PK-9-KU | 10  |
| G3/8                         | 5.3          | 6           | 31   | 10.5 | 19 | 14  | 6 460    | CK-3/8-PK-6-KU | 10  |
|                              | 8            | 9           | 34.5 | 10.5 | 19 | 19  | 6 468    | CK-3/8-PK-9-KU | 10  |

\* Packaging unit quantity

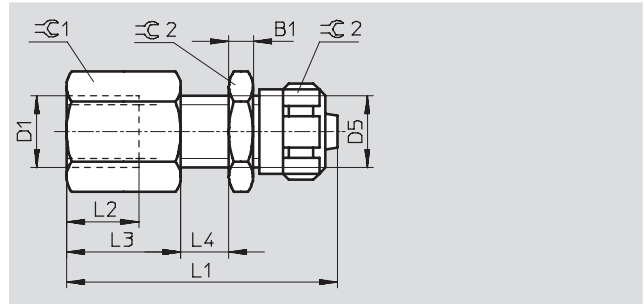
# Bulkhead quick connectors QCK

Technical data

**FESTO**

**Bulkhead quick connector QCK**  
Female thread with sealing ring

Material:  
Blue anodised aluminium/steel  
Free of copper and PTFE



| Dimensions and ordering data |              |             |     |         |    |    |      |            |     |     |     |          |                |     |
|------------------------------|--------------|-------------|-----|---------|----|----|------|------------|-----|-----|-----|----------|----------------|-----|
| Connection                   | Nominal size | Tubing I.D. | B1  | D5      | L1 | L2 | L3   | L4<br>max. | ≈C1 | ≈C2 | ≈C3 | Part No. | Type           | PU* |
| D1                           | [mm]         |             |     |         |    |    |      |            |     |     |     |          |                |     |
| M5                           | 2.4          | 3           | 3.2 | M6x0.75 | 31 | 6  | 10   | 8          | 7   | 8   | 10  | 9 424    | QCK-M5-PK-3-B  | 1   |
| G1/8                         | 3.4          | 4           | 3.5 | M10x1   | 40 | 8  | 13.5 | 10         | 13  | 12  | 13  | 9 425    | QCK-1/8-PK-4-B | 1   |
| G1/4                         | 5.3          | 6           | 4   | M12x1   | 45 | 12 | 18   | 10         | 17  | 14  | 17  | 9 426    | QCK-1/4-PK-6-B | 1   |
| G3/8                         | 8            | 9           | 5   | M16x1   | 50 | 12 | 18.6 | 10         | 19  | 19  | 22  | 9 427    | QCK-3/8-PK-9-B | 1   |

\* Packaging unit quantity

# Bulkhead quick connectors SCK

Technical data

FESTO

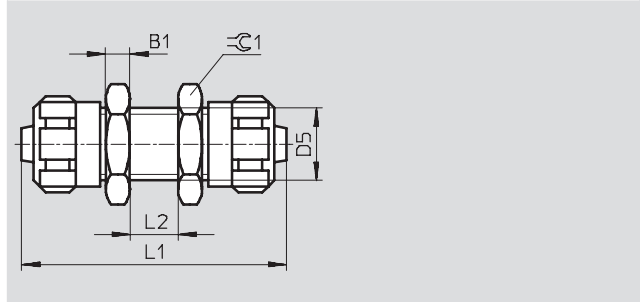
## Bulkhead quick connector SCK

Material:  
Blue anodised aluminium/steel  
Free of copper and PTFE

## Bulkhead quick connector SCK-...-KU with moulded-on sealing ring

Material:  
Polyacetate  
Free of copper and PTFE  
Conforms to RoHS

Pressure range: 0 ... 10 bar  
Temperature range: -10 ... +60 °C



| Dimensions and ordering data |             |     |                     |    |            |    |          |             |     |
|------------------------------|-------------|-----|---------------------|----|------------|----|----------|-------------|-----|
| Nominal size                 | Tubing I.D. | B1  | D5                  | L1 | L2<br>max. | ☞1 | Part No. | Type        | PU* |
| [mm]                         |             |     |                     |    |            |    |          |             |     |
| Aluminium design             |             |     |                     |    |            |    |          |             |     |
| 2.4                          | 3           | 3.2 | M6x0.75             | 34 | 8          | 10 | 9 420    | SCK-PK-3    | 1   |
| 3.4                          | 4           | 3.5 | M10x1               | 43 | 10         | 13 | 9 421    | SCK-PK-4    | 1   |
| 5.3                          | 6           | 4   | M12x1               | 44 | 10         | 17 | 9 422    | SCK-PK-6    | 1   |
| 8                            | 9           | 5   | M16x1               | 53 | 10         | 22 | 9 423    | SCK-PK-9    | 1   |
| Polymer design               |             |     |                     |    |            |    |          |             |     |
| 2.4                          | 3           | 5   | M10x1 <sup>1)</sup> | 41 | 10         | 13 | 9 387    | SCK-PK-3-KU | 10  |
| 3.4                          | 4           | 5   | M10x1               | 46 |            | 13 | 9 388    | SCK-PK-4-KU | 10  |
| 5.3                          | 6           | 6   | M12x1               | 48 |            | 17 | 9 389    | SCK-PK-6-KU | 10  |
| 8                            | 9           | 7   | M16x1               | 57 |            | 22 | 9 390    | SCK-PK-9-KU | 1   |

\* Packaging unit quantity

1) Installation diameter varies from aluminium version

## End caps CV

Technical data

**FESTO**

### End cap CV

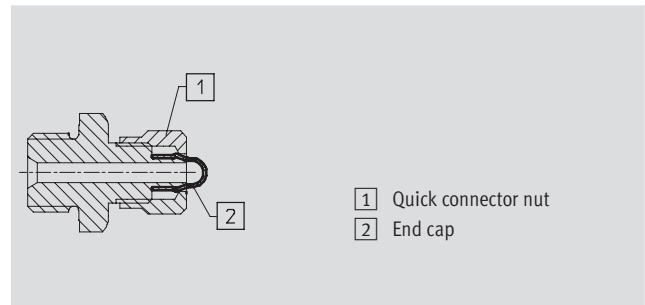
for sealing barbed fittings and  
connectors for polymer tubing

Material:

Polyurethane

Free of copper and PTFE

Conforms to RoHS



| Dimensions and ordering data |                     |          |           |     |
|------------------------------|---------------------|----------|-----------|-----|
| Tubing I.D.                  | Weight/piece<br>[g] | Part No. | Type      | PU* |
| 3                            | 0.001               | 6 213    | CV-PK-3-B | 10  |
| 4                            | 0.001               | 6 214    | CV-PK-4-B | 10  |
| 6                            | 0.001               | 6 215    | CV-PK-6-B | 10  |
| 9                            | 0.002               | 6 216    | CV-PK-9-B | 10  |

| Operating conditions (permissible static pressure) |                         |     |     |     |     |     |           |     |
|----------------------------------------------------|-------------------------|-----|-----|-----|-----|-----|-----------|-----|
| Type                                               | CV-PK-3-B ... CV-PK-6-B |     |     |     |     |     | CV-PK-9-B |     |
| Operating pressure [bar]                           | 10                      | 10  | 8   | 7   | 6   | 6   | 6         | 4   |
| Ambient temperature [°C]                           | -35                     | +20 | +40 | +60 | +80 | +60 | +60       | +80 |

\* Packaging unit quantity

# Elbow quick connectors GCK

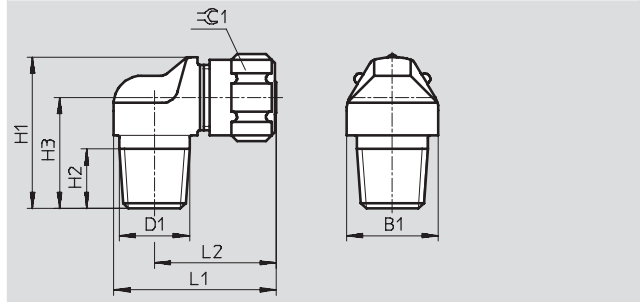
Technical data

FESTO

## Elbow quick connector GCK-...-KU

Material:  
Polyacetate  
Free of copper and PTFE  
Conforms to RoHS

Pressure range: 0 ... 10 bar  
Temperature range: -10 ... +60 °C



| Dimensions and ordering data |                      |             |    |      |      |      |      |      |      |          |                 |     |
|------------------------------|----------------------|-------------|----|------|------|------|------|------|------|----------|-----------------|-----|
| Connection<br>D1             | Nominal size<br>[mm] | Tubing I.D. | B1 | H1   | H2   | H3   | L1   | L2   | ≡C1  | Part No. | Type            | PU* |
| R1/8                         | 2.9                  | 4           | 13 | 22.5 | 8    | 16.5 | 26.5 | 20.5 | 20.5 | 6 267    | GCK-1/8-PK-4-KU | 10  |
|                              | 4.9                  | 6           | 17 | 24.5 | 8    | 17.5 | 28.5 | 21.5 | 21.5 | 6 268    | GCK-1/8-PK-6-KU | 10  |
| R1/4                         | 2.9                  | 4           | 17 | 25.5 | 11   | 19.5 | 30   | 22.5 | 22.5 | 6 269    | GCK-1/4-PK-4-KU | 10  |
|                              | 4.9                  | 6           | 17 | 27.5 | 11   | 20.5 | 30   | 22.5 | 22.5 | 6 270    | GCK-1/4-PK-6-KU | 10  |
| R3/8                         | 4.9                  | 6           | 19 | 28.5 | 10.5 | 21   | 34   | 24.5 | 24.5 | 6 271    | GCK-3/8-PK-6-KU | 10  |
|                              | 8                    | 9           | 19 | 33.5 | 10.5 | 23.5 | 37.2 | 27.7 | 27.7 | 6 272    | GCK-3/8-PK-9-KU | 10  |

\* Packaging unit quantity

# Elbow quick connectors LCK

Technical data

FESTO

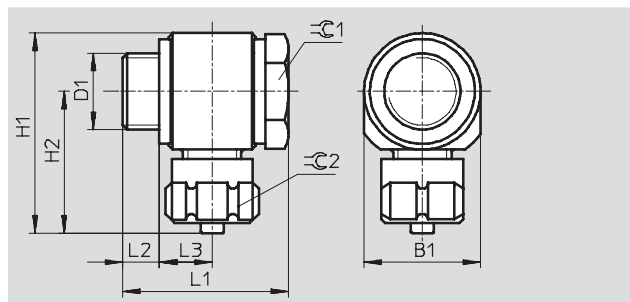
**Elbow quick connector LCK**  
rotatable with 2 sealing rings

Material:  
Die-cast zinc  
Free of copper and PTFE

**Elbow quick connector LCK-...-KU**  
rotatable with moulded-on sealing ring

Material:  
Polyacetate  
Free of copper and PTFE

Pressure range: 0 ... 10 bar  
Temperature range: -10 ... +60 °C



| Dimensions and ordering data |                      |             |    |      |      |      |     |       |     |     |          |                 |     |
|------------------------------|----------------------|-------------|----|------|------|------|-----|-------|-----|-----|----------|-----------------|-----|
| Connection<br>D1             | Nominal size<br>[mm] | Tubing I.D. | B1 | H1   | H2   | L1   | L2  | L3    | ≡C1 | ≡C2 | Part No. | Type            | PU* |
| Die-cast zinc design         |                      |             |    |      |      |      |     |       |     |     |          |                 |     |
| M5                           | 2.4                  | 3           | 10 | 21.1 | 16.1 | 17.2 | 3.8 | 5.2   | 7   | 8   | 4 468    | LCK-M5-PK-3     | 10  |
|                              | 2.4                  | 4           | 11 | 21.1 | 16.1 | 18   | 3.8 | 5.6   | 7   | 8   | 4 562    | LCK-M5-PK-4     | 10  |
| G3/8                         | 2                    | 3           | 16 | 27.1 | 19.1 | 21.1 | 4.9 | 6.1   | 13  | 8   | 4 136    | LCK-3/8-PK-3    | 10  |
|                              | 2.9                  | 4           | 16 | 30.2 | 22.2 | 27.1 | 4.9 | 9.1   | 13  | 12  | 4 469    | LCK-3/8-PK-4    | 10  |
|                              | 4.9                  | 6           | 16 | 30.3 | 22.3 | 27.1 | 4.9 | 9.1   | 13  | 14  | 4 470    | LCK-3/8-PK-6    | 10  |
| G1/4                         | 2.9                  | 4           | 20 | 34.2 | 24.2 | 28.1 | 5.7 | 9.2   | 17  | 12  | 4 471    | LCK-1/4-PK-4    | 10  |
|                              | 4.9                  | 6           | 20 | 34.3 | 24.3 | 28.1 | 5.5 | 9.3   | 17  | 14  | 4 472    | LCK-1/4-PK-6    | 10  |
|                              | 8                    | 9           | 20 | 37.6 | 27.6 | 33.3 | 5.7 | 11.8  | 17  | 19  | 11 452   | LCK-1/4-PK-9    | 10  |
| G3/8                         | 4.9                  | 6           | 25 | 39.3 | 26.8 | 30.3 | 6.7 | 9.3   | 22  | 14  | 4 473    | LCK-3/8-PK-6    | 1   |
|                              | 8                    | 9           | 25 | 42.6 | 30.1 | 35.3 | 6.7 | 11.8  | 22  | 19  | 4 474    | LCK-3/8-PK-9    | 1   |
| G1/2                         | 11.7                 | 13          | 30 | 49.2 | 34.2 | 46.6 | 7.9 | 16.85 | 27  | 24  | 4 100    | LCK-1/2-PK-13   | 1   |
| Polymer design               |                      |             |    |      |      |      |     |       |     |     |          |                 |     |
| G3/8                         | 3.4                  | 4           | 16 | 30.5 | 22.5 | 27.5 | 7.1 | 8.25  | 13  | 12  | 6 259    | LCK-3/8-PK-4-KU | 10  |
|                              | 5.3                  | 6           | 16 | 30.5 | 22.5 | 27.5 | 7.1 | 8.25  | 13  | 14  | 6 260    | LCK-3/8-PK-6-KU | 10  |
| G1/4                         | 3.4                  | 4           | 20 | 34.5 | 24.5 | 28.5 | 8.1 | 8.25  | 17  | 12  | 6 261    | LCK-1/4-PK-4-KU | 10  |
|                              | 5.3                  | 6           | 20 | 34.5 | 24.5 | 28.5 | 8.1 | 8.25  | 17  | 14  | 6 262    | LCK-1/4-PK-6-KU | 10  |

\* Packaging unit quantity

# Elbow quick connectors LCKN

Technical data

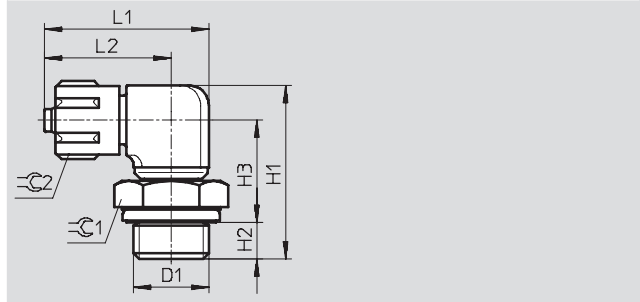
FESTO

**Elbow quick connector LCKN**  
rotatable with sealing ring OL-...

Material:  
Die-cast zinc/aluminium with sealing  
ring

Pressure range: -0.9 ... 16 bar  
Temperature range: -20 ... +80 °C

Note: Cannot be used as a rotary  
distributor.



| Dimensions and ordering data |                      |             |      |      |       |      |      |     |     |          |               |     |
|------------------------------|----------------------|-------------|------|------|-------|------|------|-----|-----|----------|---------------|-----|
| Connection<br>D1             | Nominal size<br>[mm] | Tubing I.D. | H1   | H2   | H3    | L1   | L2   | ≲G1 | ≲G2 | Part No. | Type          | PU* |
| M5                           | 1.7                  | 3           | 22.2 | 3.55 | 15.15 | 20.1 | 16.1 | 7   | 8   | 164 995  | LCKN-M5-PK-3  | 10  |
|                              | 2.6                  | 4           | 24.3 | 3.55 | 15.75 | 23.2 | 19.2 | 7   | –   | 164 996  | LCKN-M5-PK-4  | 10  |
| G1/8                         | 1.7                  | 3           | 24.6 | 4.7  | 15.9  | 25.4 | 18.9 | 13  | 8   | 164 997  | LCKN-1/8-PK-3 | 10  |
|                              | 2.6                  | 4           | 27   | 4.7  | 16.3  | 28.5 | 22   | 13  | 12  | 164 998  | LCKN-1/8-PK-4 | 10  |
|                              | 4.6                  | 6           | 30.3 | 4.7  | 18.6  | 28.6 | 22.1 | 13  | 14  | 164 999  | LCKN-1/8-PK-6 | 10  |
| G1/4                         | 2.6                  | 4           | 29.5 | 5.8  | 17.7  | 28.5 | 22   | 17  | 12  | 165 000  | LCKN-1/4-PK-4 | 10  |
|                              | 4.6                  | 6           | 32.8 | 5.8  | 20.0  | 28.6 | 22.1 | 17  | 14  | 165 001  | LCKN-1/4-PK-6 | 10  |
| G3/8                         | 4.6                  | 6           | 33.8 | 6.0  | 20.8  | 28.6 | 22.1 | 19  | 14  | 165 002  | LCKN-3/8-PK-6 | 1   |

\* Packaging unit quantity

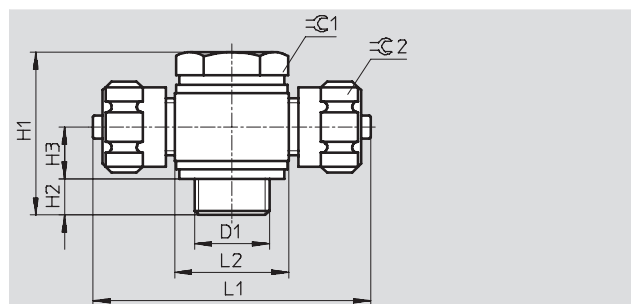
# T quick connectors TCK

Technical data

FESTO

## T quick connector TCK rotatable

Material:  
Die-cast zinc with 2 sealing rings  
Thread G $\frac{3}{8}$  and G $\frac{1}{2}$  aluminium, blue  
anodised  
Free of copper and PTFE



## T quick connector

### TCK-...-KU

rotatable with moulded-on sealing  
ring

Material:  
Polyacetate  
Free of copper and PTFE

Pressure range: 0 ... 10 bar  
Temperature range: -10 ... +60 °C

| Dimensions and ordering data |                      |             |      |     |      |      |    |     |     |          |                             |     |
|------------------------------|----------------------|-------------|------|-----|------|------|----|-----|-----|----------|-----------------------------|-----|
| Connection<br>D1             | Nominal size<br>[mm] | Tubing I.D. | H1   | H2  | H3   | L1   | L2 | ⌀C1 | ⌀C2 | Part No. | Type                        | PU* |
| Die-cast zinc design         |                      |             |      |     |      |      |    |     |     |          |                             |     |
| M5                           | 2                    | 3           | 17.2 | 3.8 | 5.2  | 32.2 | 10 | 7   | 8   | 4 484    | TCK-M5-PK-3                 | 10  |
|                              | 2                    | 4           | 18   | 3.8 | 5.6  | 39.4 | 11 | 7   | 8   | 4 563    | TCK-M5-PK-4                 | 10  |
| G $\frac{1}{8}$              | 2                    | 3           | 21.1 | 4.9 | 6.1  | 38.2 | 16 | 13  | 8   | 4 137    | TCK- $\frac{1}{8}$ -PK-3    | 10  |
|                              | 2.9                  | 4           | 27.1 | 4.9 | 9.1  | 44.4 | 16 | 13  | 12  | 4 485    | TCK- $\frac{1}{8}$ -PK-4    | 10  |
|                              | 4.9                  | 6           | 27.1 | 4.9 | 9.1  | 44.6 | 16 | 13  | 14  | 4 486    | TCK- $\frac{1}{8}$ -PK-6    | 10  |
| G $\frac{1}{4}$              | 2.9                  | 4           | 28.1 | 5.7 | 9.2  | 48.4 | 20 | 17  | 12  | 4 487    | TCK- $\frac{1}{4}$ -PK-4    | 10  |
|                              | 4.9                  | 6           | 28.1 | 5.5 | 9.3  | 48.6 | 20 | 17  | 14  | 4 488    | TCK- $\frac{1}{4}$ -PK-6    | 10  |
| Aluminium design             |                      |             |      |     |      |      |    |     |     |          |                             |     |
| G $\frac{3}{8}$              | 4.9                  | 6           | 30.3 | 6.7 | 9.3  | 53.6 | 25 | 22  | 14  | 4 489    | TCK- $\frac{3}{8}$ -PK-6    | 1   |
|                              | 8                    | 9           | 35.3 | 6.7 | 11.8 | 60.2 | 25 | 22  | 14  | 4 490    | TCK- $\frac{3}{8}$ -PK-9    | 1   |
| G $\frac{1}{2}$              | 11.7                 | 13          | 46.6 | 7.9 | 16.9 | 68.4 | 30 | 27  | 24  | 4 101    | TCK- $\frac{1}{2}$ -PK-13   | 1   |
| Polymer design               |                      |             |      |     |      |      |    |     |     |          |                             |     |
| G $\frac{1}{8}$              | 3.4                  | 4           | 27.5 | 7.1 | 8.25 | 45   | 16 | 13  | 12  | 6 263    | TCK- $\frac{1}{8}$ -PK-4-KU | 10  |
|                              | 5.3                  | 6           | 27.5 | 7.1 | 8.25 | 45   | 16 | 13  | 14  | 6 264    | TCK- $\frac{1}{8}$ -PK-6-KU | 10  |
| G $\frac{1}{4}$              | 3.4                  | 4           | 28.5 | 8.1 | 8.25 | 49   | 20 | 17  | 12  | 6 265    | TCK- $\frac{1}{4}$ -PK-4-KU | 10  |
|                              | 5.3                  | 6           | 28.5 | 8.1 | 8.25 | 49   | 20 | 17  | 14  | 6 266    | TCK- $\frac{1}{4}$ -PK-6-KU | 10  |

\* Packaging unit quantity

# T quick connectors FCK

Technical data

FESTO

## T-distributor FCK-...-KU

Material:

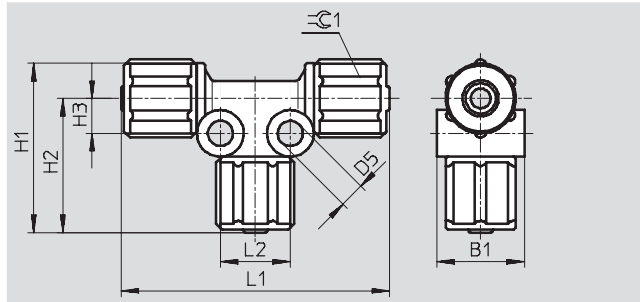
Polymer

Free of copper and PTFE

Conforms to RoHS

Pressure range: 0 ... 10 bar

Temperature range: -10 ... +60 °C



| Dimensions and ordering data |                   |    |     |      |      |     |      |    |     |          |               |     |
|------------------------------|-------------------|----|-----|------|------|-----|------|----|-----|----------|---------------|-----|
| Tubing I.D.                  | Nominal size [mm] | B1 | D5  | H1   | H2   | H3  | L1   | L2 | ±C1 | Part No. | Type          | PU* |
| 3                            | 2.4               | 11 | 4.3 | 23.8 | 19.8 | 5   | 39.6 | 10 | 8   | 6 273    | FCK-3-PK-3-KU | 10  |
| 4                            | 3.4               | 15 | 4.3 | 30.2 | 24.2 | 6   | 48.4 | 12 | 12  | 6 274    | FCK-3-PK-4-KU | 10  |
| 6                            | 5.3               | 18 | 4.3 | 31.2 | 24.2 | 6   | 48.4 | 12 | 14  | 6 275    | FCK-3-PK-6-KU | 10  |
| 9                            | 8                 | 22 | 4.3 | 38.3 | 28.8 | 7.1 | 56.4 | 13 | 19  | 6 276    | FCK-3-PK-9-KU | 10  |

\* Packaging unit quantity

# Locknuts MCK

Technical data

FESTO

## Locknut MCK

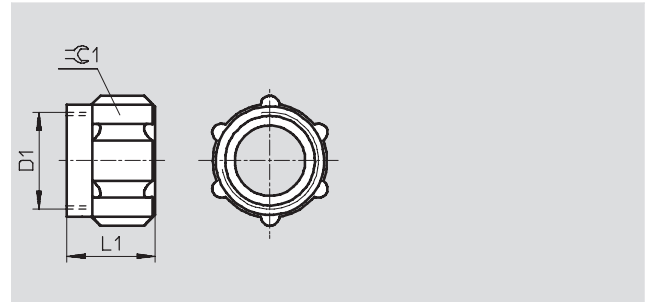
for tube connectors

Material:

Blue anodised aluminium

Free of copper and PTFE

Conforms to RoHS



## Locknut MCK-...-KU

for tube connectors

Material:

Polymer design

Free of copper and PTFE

Conforms to RoHS

| Dimensions and ordering data |         |      |    |          |                           |     |
|------------------------------|---------|------|----|----------|---------------------------|-----|
| Tubing I.D.                  | D1      | L1   | C1 | Part No. | Type                      | PU* |
| Aluminium design             |         |      |    |          |                           |     |
| 3                            | M6x0.75 | 8.5  | 8  | 205 254  | MCK-PK-3                  | 1   |
| 4                            | M10x1   | 11   | 12 | 2 965    | MCK-PK-4 <sup>1)</sup>    | 1   |
| 4                            | M8x1    | 9.5  | –  | 205 257  | MCK-PK-4-R <sup>2)</sup>  | 1   |
| 6                            | M12x1   | 11   | 14 | 2 966    | MCK-PK-6                  | 1   |
| 9                            | M16x1   | 14.4 | 19 | 2 967    | MCK-PK-9                  | 1   |
| 13                           | M22x1   | 18   | 24 | 206 504  | MCK-PK-13                 | 1   |
| Polymer design               |         |      |    |          |                           |     |
| 3                            | M6x0.75 | 9.5  | 8  | 211 289  | MCK-PK-3-KU               | 1   |
| 4                            | M10x1   | 12.5 | 12 | 211 291  | MCK-PK-4-KU <sup>1)</sup> | 1   |
| 6                            | M12x1   | 12.5 | 14 | 211 292  | MCK-PK-6-KU               | 1   |
| 9                            | M16x1   | 16   | 19 | 211 293  | MCK-PK-9-KU               | 1   |

\* Packaging unit quantity

1) except for connectors CK-M5-PK-4, LCK-M5-PK-4, TCK-M5-PK-4

2) for connectors CK-M5-PK-4, LCK-M5-PK-4, TCK-M5-PK-4

# Multiple distributors

Technical data

FESTO

**Hollow bolt VT with ring piece LK**  
(one outlet connection)

Materials:

Hollow bolt: Galvanised steel

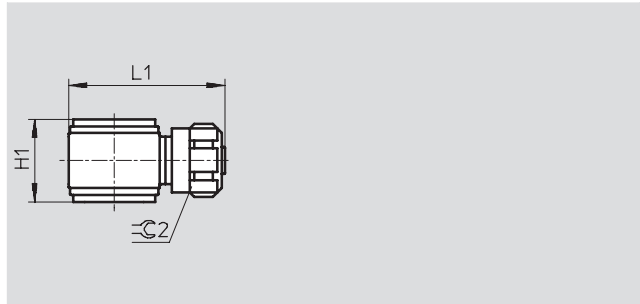
Ring piece LK: Die-cast zinc

Ring piece LK-...-KU: Polymer

Free of copper and PTFE

Certification:

Ring piece LK: Germanischer Lloyd



| Ordering data        |                    |          |                             | Dimensions → 18      |          |                                 |     |
|----------------------|--------------------|----------|-----------------------------|----------------------|----------|---------------------------------|-----|
| Hollow bolt          |                    |          |                             | Ring piece           |          |                                 |     |
| Pneumatic connection | No. of ring pieces | Part No. | Type                        | Pneumatic connection | Part No. | Type                            | PU* |
| Die-cast zinc design |                    |          |                             |                      |          |                                 |     |
| M5                   | 2                  | 206 145  | VT-M5-2 <sup>3)</sup>       | for 3 mm tubing      | 4 475    | LK-M5-PK-3 <sup>1)</sup>        | 10  |
|                      | 3                  | 4 594    | VT-M5-3 <sup>3)</sup>       |                      |          |                                 |     |
| G1/8                 | 2                  | 4 593    | VT-1/8-2-PK-3 <sup>3)</sup> | for 3 mm tubing      | 4 597    | LK-1/8-PK-3 <sup>1)</sup>       | 10  |
|                      | 3                  | 4 595    | VT-1/8-3-PK-3               |                      |          |                                 |     |
| G1/8                 | 2                  | 206 146  | VT-1/8-2 <sup>3)</sup>      | for 4 mm tubing      | 4 476    | LK-1/8-PK-4 <sup>1)</sup>       | 10  |
|                      | 3                  | 4 596    | VT-1/8-3 <sup>3)</sup>      |                      |          |                                 |     |
| G1/8                 | 2                  | 206 146  | VT-1/8-2 <sup>3)</sup>      | for 6 mm tubing      | 4 477    | LK-1/8-PK-6 <sup>1)</sup>       | 10  |
|                      | 3                  | 4 596    | VT-1/8-3 <sup>3)</sup>      |                      |          |                                 |     |
| G1/4                 | 2                  | 206 147  | VT-1/4-2 <sup>3)</sup>      | for 4 mm tubing      | 4 478    | LK-1/4-PK-4 <sup>1)</sup>       | 10  |
|                      | 3                  | 2 335    | VT-1/4-3 <sup>3)</sup>      |                      |          |                                 |     |
| G1/4                 | 2                  | 206 147  | VT-1/4-2 <sup>3)</sup>      | for 6 mm tubing      | 4 479    | LK-1/4-PK-6 <sup>1)</sup>       | 10  |
|                      | 3                  | 2 335    | VT-1/4-3 <sup>3)</sup>      |                      |          |                                 |     |
| G3/8                 | 2                  | 206 148  | VT-3/8-2 <sup>3)</sup>      | for 6 mm tubing      | 4 480    | LK-3/8-PK-6 <sup>1)</sup>       | 1   |
|                      | 3                  | 2 336    | VT-3/8-3 <sup>3)</sup>      |                      |          |                                 |     |
| Polymer design       |                    |          |                             |                      |          |                                 |     |
| G1/8                 | 2                  | 206 146  | VT-1/8-2 <sup>3)</sup>      | for 4 mm tubing      | 6 280    | LK-1/8-PK-4-KU <sup>2) 3)</sup> | 10  |
|                      | 3                  | 4 596    | VT-1/8-3 <sup>3)</sup>      |                      |          |                                 |     |
| G1/8                 | 2                  | 206 146  | VT-1/8-2 <sup>3)</sup>      | for 6 mm tubing      | 6 281    | LK-1/8-PK-6-KU <sup>2) 3)</sup> | 10  |
|                      | 3                  | 4 596    | VT-1/8-3 <sup>3)</sup>      |                      |          |                                 |     |
| G1/4                 | 2                  | 206 147  | VT-1/4-2 <sup>3)</sup>      | for 4 mm tubing      | 6 282    | LK-1/4-PK-4-KU <sup>2) 3)</sup> | 10  |
|                      | 3                  | 2 335    | VT-1/4-3 <sup>3)</sup>      |                      |          |                                 |     |
| G1/4                 | 2                  | 206 147  | VT-1/4-2 <sup>3)</sup>      | for 6 mm tubing      | 6 283    | LK-1/4-PK-6-KU <sup>2) 3)</sup> | 10  |
|                      | 3                  | 2 335    | VT-1/4-3 <sup>3)</sup>      |                      |          |                                 |     |

\* Packaging unit quantity

1) with 2 sealing rings

2) with moulded-on sealing ring, pressure range 0...10 bar, temperature range -10...+60 °C

3) Conforms to RoHS

# Multiple distributors

Technical data

FESTO

## Hollow bolt VT with ring piece TK (2 outlet connections)

Materials:

Hollow bolt: Galvanised steel

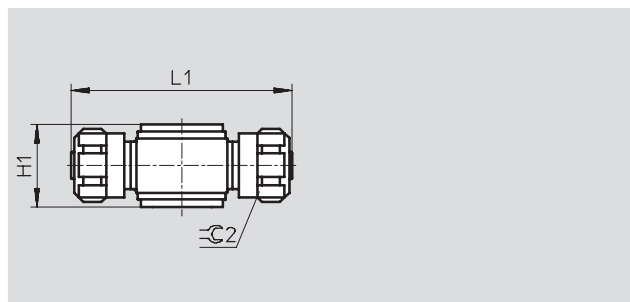
Ring piece TK: Die-cast zinc

Ring piece TK-...-KU: Polymer

Free of copper and PTFE

Certification:

Ring piece TK: Germanischer Lloyd



| Ordering data                 |                    |          |                                                       | Dimensions → 18      |          |                                                           |     |
|-------------------------------|--------------------|----------|-------------------------------------------------------|----------------------|----------|-----------------------------------------------------------|-----|
| Hollow bolt                   |                    |          |                                                       | Ring piece           |          |                                                           |     |
| Pneumatic connection          | No. of ring pieces | Part No. | Type                                                  | Pneumatic connection | Part No. | Type                                                      | PU* |
| Die-cast zinc design          |                    |          |                                                       |                      |          |                                                           |     |
| M5                            | 2                  | 206 145  | VT-M5-2 <sup>3)</sup>                                 | for 3 mm tubing      | 4 491    | TK-M5-PK-3 <sup>1)</sup>                                  | 10  |
|                               | 3                  | 4 594    | VT-M5-3 <sup>3)</sup>                                 |                      |          |                                                           |     |
| G <sup>1</sup> / <sub>8</sub> | 2                  | 4 593    | VT- <sup>1</sup> / <sub>8</sub> -2-PK-3 <sup>3)</sup> | for 3 mm tubing      | 4 598    | TK- <sup>1</sup> / <sub>8</sub> -PK-3 <sup>1)</sup>       | 10  |
|                               | 3                  | 4 595    | VT- <sup>1</sup> / <sub>8</sub> -3-PK-3               |                      |          |                                                           |     |
|                               | 2                  | 206 146  | VT- <sup>1</sup> / <sub>8</sub> -2 <sup>3)</sup>      | for 4 mm tubing      | 4 492    | TK- <sup>1</sup> / <sub>8</sub> -PK-4 <sup>1)</sup>       | 10  |
|                               | 3                  | 4 596    | VT- <sup>1</sup> / <sub>8</sub> -3 <sup>3)</sup>      |                      |          |                                                           |     |
|                               | 2                  | 206 146  | VT- <sup>1</sup> / <sub>8</sub> -2 <sup>3)</sup>      | for 6 mm tubing      | 4 493    | TK- <sup>1</sup> / <sub>8</sub> -PK-6 <sup>1)</sup>       | 10  |
|                               | 3                  | 4 596    | VT- <sup>1</sup> / <sub>8</sub> -3 <sup>3)</sup>      |                      |          |                                                           |     |
| G <sup>1</sup> / <sub>4</sub> | 2                  | 206 147  | VT- <sup>1</sup> / <sub>4</sub> -2 <sup>3)</sup>      | for 4 mm tubing      | 4 494    | TK- <sup>1</sup> / <sub>4</sub> -PK-4 <sup>1)</sup>       | 10  |
|                               | 3                  | 2 335    | VT- <sup>1</sup> / <sub>4</sub> -3 <sup>3)</sup>      |                      |          |                                                           |     |
|                               | 2                  | 206 147  | VT- <sup>1</sup> / <sub>4</sub> -2 <sup>3)</sup>      | for 6 mm tubing      | 4 495    | TK- <sup>1</sup> / <sub>4</sub> -PK-6 <sup>1)</sup>       | 10  |
|                               | 3                  | 2 335    | VT- <sup>1</sup> / <sub>4</sub> -3 <sup>3)</sup>      |                      |          |                                                           |     |
| G <sup>3</sup> / <sub>8</sub> | 2                  | 206 148  | VT- <sup>3</sup> / <sub>8</sub> -2 <sup>3)</sup>      |                      | 4 496    | TK- <sup>3</sup> / <sub>8</sub> -PK-6 <sup>1)</sup>       | 1   |
| Polymer design                |                    |          |                                                       |                      |          |                                                           |     |
| G <sup>1</sup> / <sub>8</sub> | 2                  | 206 146  | VT- <sup>1</sup> / <sub>8</sub> -2 <sup>3)</sup>      | for 4 mm tubing      | 6 284    | TK- <sup>1</sup> / <sub>8</sub> -PK-4-KU <sup>2)</sup> 3) | 10  |
|                               | 3                  | 4 596    | VT- <sup>1</sup> / <sub>8</sub> -3 <sup>3)</sup>      |                      |          |                                                           |     |
|                               | 2                  | 206 146  | VT- <sup>1</sup> / <sub>8</sub> -2 <sup>3)</sup>      | for 6 mm tubing      | 6 285    | TK- <sup>1</sup> / <sub>8</sub> -PK-6-KU <sup>2)</sup> 3) | 10  |
|                               | 3                  | 4 596    | VT- <sup>1</sup> / <sub>8</sub> -3 <sup>3)</sup>      |                      |          |                                                           |     |
| G <sup>1</sup> / <sub>4</sub> | 2                  | 206 147  | VT- <sup>1</sup> / <sub>4</sub> -2 <sup>3)</sup>      | for 4 mm tubing      | 6 286    | TK- <sup>1</sup> / <sub>4</sub> -PK-4-KU <sup>2)</sup> 3) | 10  |
|                               | 3                  | 2 335    | VT- <sup>1</sup> / <sub>4</sub> -3 <sup>3)</sup>      |                      |          |                                                           |     |
|                               | 2                  | 206 147  | VT- <sup>1</sup> / <sub>4</sub> -2 <sup>3)</sup>      | for 6 mm tubing      | 6 287    | TK- <sup>1</sup> / <sub>4</sub> -PK-6-KU <sup>2)</sup> 3) | 10  |
|                               | 3                  | 2 335    | VT- <sup>1</sup> / <sub>4</sub> -3 <sup>3)</sup>      |                      |          |                                                           |     |

\* Packaging unit quantity

1) with 2 sealing rings

2) with moulded-on sealing ring, pressure range 0...10 bar, temperature range -10...+60 °C

3) Conforms to RoHS

# Multiple distributors

Technical data

FESTO

## Multiple distributor

consisting of:

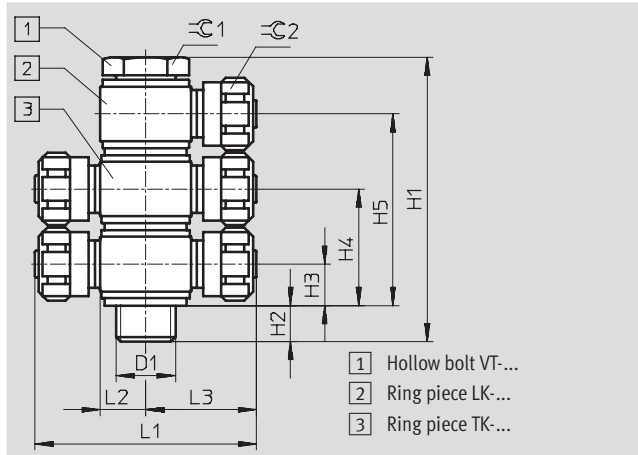
- Hollow bolt VT and ring piece LK

→ 16

or

- Hollow bolt VT and ring piece TK

→ 17



| Dimensions       |                     |                    |      |     |     |      |      |      |      |      |    |    |
|------------------|---------------------|--------------------|------|-----|-----|------|------|------|------|------|----|----|
| Connection<br>D1 | Hollow bolt<br>Type | Ring piece<br>Type | H1   | H2  | H3  | H4   | H5   | L1   | L2   | L3   | ≙1 | ≙2 |
| M5               | VT-M5-2             | LK-M5-PK-3         | 27.3 | 4   | 5.2 | 15.1 | –    | –    | 5    | 16.1 | 7  | 8  |
|                  |                     | TK-M5-PK-3         |      |     |     |      |      | 32.2 | –    |      |    |    |
|                  | VT-M5-3             | LK-M5-PK-3         | 37.1 | 3.9 | 5.2 | 15.1 | 25   | –    | 5    | 16.1 | 7  | 8  |
|                  |                     | TK-M5-PK-3         |      |     |     |      |      | 32.2 | –    |      |    |    |
| G1/8             | VT-1/8-2-PK-3       | LK-1/8-PK-3        | 31.8 | 5   | 6.1 | 16.7 | –    | –    | 8    | 19.1 | 13 | 8  |
|                  |                     | TK-1/8-PK-3        |      |     |     |      |      | 38.2 | –    |      |    |    |
|                  | VT-1/8-3-PK-3       | LK-1/8-PK-3        | 42.4 | 5   | 6.1 | 16.7 | 27.3 | –    | 8    | 19.1 | 13 | 8  |
|                  |                     | TK-1/8-PK-3        |      |     |     |      |      | 38.2 | –    |      |    |    |
|                  | VT-1/8-2            | LK-1/8-PK-4        | 44   | 5.2 | 9.1 | 25.7 | –    | –    | 8    | 22.2 | 13 | 12 |
|                  |                     | TK-1/8-PK-4        |      |     |     |      |      | 44.4 | –    |      |    |    |
|                  |                     | LK-1/8-PK-6        |      |     |     |      |      | –    | 8    | 22.3 |    | 14 |
|                  |                     | TK-1/8-PK-6        |      |     |     |      |      | 44.6 | –    |      |    |    |
|                  | VT-1/8-3            | LK-1/8-PK-4        | 60.8 | 5.4 | 9.1 | 25.7 | 42.3 | –    | 8    | 22.2 | 13 | 12 |
|                  |                     | TK-1/8-PK-4        |      |     |     |      |      | 44.4 | –    |      |    |    |
|                  |                     | LK-1/8-PK-6        |      |     |     |      |      | –    | 8    | 22.3 |    | 14 |
|                  |                     | TK-1/8-PK-6        |      |     |     |      |      | 44.6 | –    |      |    |    |
| G1/4             | VT-1/4-2            | LK-1/4-PK-4        | 44.7 | 6.1 | 9.2 | 25.4 | –    | –    | 10   | 24.2 | 17 | 12 |
|                  |                     | TK-1/4-PK-4        |      |     |     |      |      | 48.4 | –    |      |    |    |
|                  |                     | LK-1/4-PK-6        |      | 5.7 | 9.3 | 25.7 |      | –    | 10   | 24.3 |    | 14 |
|                  |                     | TK-1/4-PK-6        |      |     |     |      |      | 48.6 | –    |      |    |    |
|                  | VT-1/4-3            | LK-1/4-PK-4        | 61.9 | 6.1 | 9.2 | 25.4 | 41.6 | –    | 10   | 24.2 | 17 | 12 |
|                  |                     | TK-1/4-PK-4        |      |     |     |      |      | 48.4 | –    |      |    |    |
|                  |                     | LK-1/4-PK-6        |      | 5.5 | 9.3 | 25.7 | 42.1 | –    | 10   | 24.3 |    | 14 |
|                  |                     | TK-1/4-PK-6        |      |     |     |      |      | 48.6 | –    |      |    |    |
| G3/8             | VT-3/8-2            | LK-3/8-PK-6        | 46.9 | 6.9 | 9.3 | 25.7 | –    | –    | 12.5 | 26.8 | 22 | 14 |
|                  |                     | TK-3/8-PK-6        |      |     |     |      |      | 53.6 | –    |      |    |    |
|                  | VT-3/8-3            | LK-3/8-PK-6        | 63.1 | 6.7 | 9.3 | 25.7 | 42.1 | –    | 12.5 | 26.8 | 22 | 14 |
|                  |                     | TK-3/8-PK-6        |      |     |     |      |      | 53.6 | –    |      |    |    |

## Quick connectors ACX/CX, metal braided hose

**FESTO**

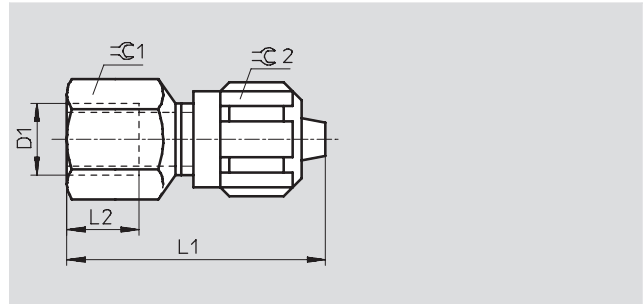
Technical data

### Quick connector ACX

Female thread with sealing ring for metal braided hose PX

Material:

Anodised aluminium



| Dimensions and ordering data |                      |             |    |    |     |     |          |                          |     |
|------------------------------|----------------------|-------------|----|----|-----|-----|----------|--------------------------|-----|
| Connection<br>D1             | Nominal size<br>[mm] | Tubing I.D. | L1 | L2 | ≈C1 | ≈C2 | Part No. | Type                     | PU* |
| G $\frac{1}{8}$              | 3.5                  | 4           | 35 | 10 | 13  | 12  | 4 032    | ACX- $\frac{1}{8}$ -PX-4 | 1   |
| G $\frac{1}{4}$              | 5                    | 6           | 43 | 12 | 17  | 14  | 4 033    | ACX- $\frac{1}{4}$ -PX-6 | 1   |
| G $\frac{3}{8}$              | 8                    | 9           | 54 | 15 | 22  | 19  | 4 034    | ACX- $\frac{3}{8}$ -PX-9 | 1   |

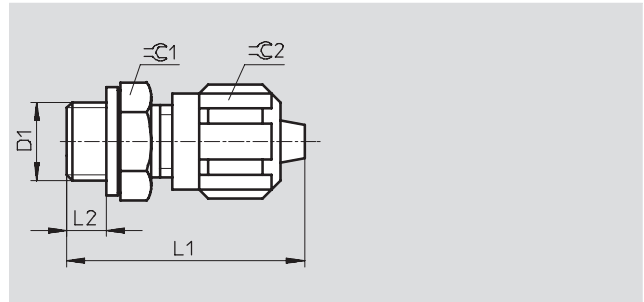
\* Packaging unit quantity

### Quick connector CX

Male thread with sealing ring for metal braided hose PX

Material:

Anodised aluminium



| Dimensions and ordering data |                      |             |      |     |     |     |          |                         |     |
|------------------------------|----------------------|-------------|------|-----|-----|-----|----------|-------------------------|-----|
| Connection<br>D1             | Nominal size<br>[mm] | Tubing I.D. | L1   | L2  | ≈C1 | ≈C2 | Part No. | Type                    | PU* |
| G $\frac{1}{8}$              | 3.5                  | 4           | 31.5 | 4.9 | 13  | 12  | 4 035    | CX- $\frac{1}{8}$ -PX-4 | 10  |
|                              | 5                    | 6           | 36.5 | 4.9 | 13  | 14  | 4 453    | CX- $\frac{1}{8}$ -PX-6 | 10  |
| G $\frac{1}{4}$              | 3.5                  | 4           | 34   | 5.8 | 17  | 12  | 4 454    | CX- $\frac{1}{4}$ -PX-4 | 10  |
|                              | 5                    | 6           | 39   | 5.8 | 17  | 14  | 4 036    | CX- $\frac{1}{4}$ -PX-6 | 10  |
| G $\frac{3}{8}$              | 8                    | 9           | 47   | 6.8 | 22  | 19  | 4 037    | CX- $\frac{3}{8}$ -PX-9 | 1   |

\* Packaging unit quantity

## Quick connectors LCX/TCX, metal braided hose

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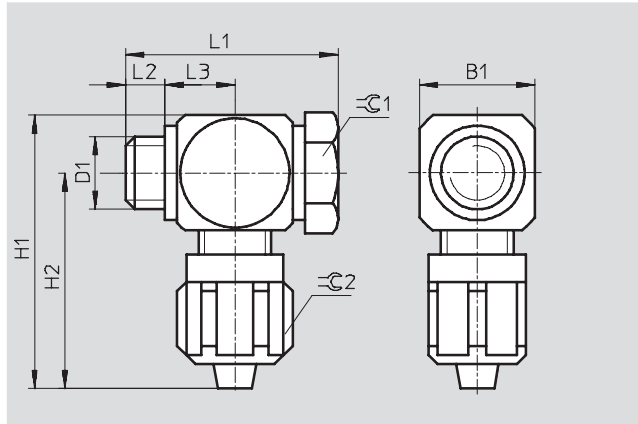
Technical data

### Elbow quick connector LCX

rotatable with 2 sealing rings for metal braided hose PX

Material:

Anodised aluminium



| Dimensions and ordering data |                      |             |    |      |     |      |      |      |    |    |          |                          |     |
|------------------------------|----------------------|-------------|----|------|-----|------|------|------|----|----|----------|--------------------------|-----|
| Connection<br>D1             | Nominal size<br>[mm] | Tubing I.D. | B1 | L1   | L2  | L3   | H1   | H2   | 1  | 2  | Part No. | Type                     | PU* |
| G $\frac{1}{8}$              | 3.5                  | 4           | 16 | 27.1 | 4.7 | 9.2  | 39.5 | 31.5 | 13 | 14 | 4 041    | LCX- $\frac{1}{8}$ -PX-4 | 1   |
| G $\frac{1}{4}$              | 5                    | 6           | 20 | 34.3 | 5.7 | 11.8 | 46   | 36   | 17 | 17 | 4 042    | LCX- $\frac{1}{4}$ -PX-6 | 1   |
| G $\frac{3}{8}$              | 8                    | 9           | 25 | 41.3 | 6.7 | 14.3 | 58   | 45.5 | 22 | 22 | 4 043    | LCX- $\frac{3}{8}$ -PX-9 | 1   |

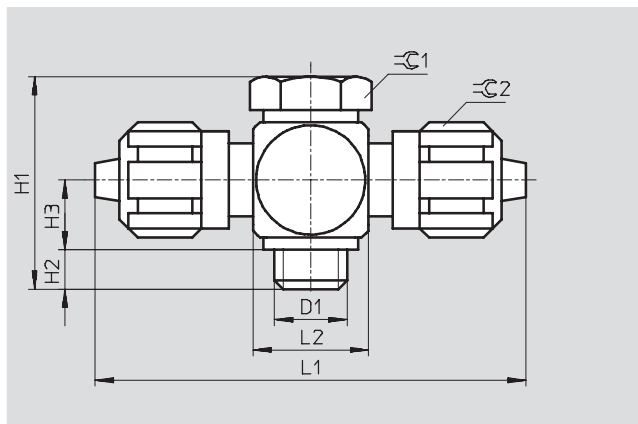
\* Packaging unit quantity

### T quick connector TCX

rotatable with 2 sealing rings for metal braided hose PX

Material:

Anodised aluminium



| Dimensions and ordering data |                      |             |      |     |      |    |    |                                                                                       |                                                                                       |          |              |     |
|------------------------------|----------------------|-------------|------|-----|------|----|----|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|----------|--------------|-----|
| Connection<br>D1             | Nominal size<br>[mm] | Tubing I.D. | H1   | H2  | H3   | L1 | L2 |  |  | Part No. | Type         | PU* |
| G1/8                         | 3.5                  | 4           | 27.1 | 4.7 | 9.2  | 63 | 16 | 13                                                                                    | 14                                                                                    | 4 044    | TCX-1/8-PX-4 | 1   |
| G1/4                         | 5                    | 6           | 34.3 | 5.7 | 11.8 | 72 | 20 | 17                                                                                    | 17                                                                                    | 4 045    | TCX-1/4-PX-6 | 1   |
| G3/8                         | 8                    | 9           | 41.3 | 6.7 | 14.3 | 91 | 25 | 22                                                                                    | 22                                                                                    | 4 046    | TCX-3/8-PX-9 | 1   |

\* Packaging unit quantity