

**RAPID Fittings Stainless Steel AISI 316L (1.4404) with Union Nut Nickel-Plated Brass (Push-on)**

**Rapid version with Union nut (nickel-plated brass)**

Operating pressure: Technical vacuum up to maximum pressure as stated in the respective specification table under PN.

Temperature range: -40 °C to +140 °C  
(for restrictions see specification table)

**Application**

RAPID fittings are used with aggressive gaseous and liquid media, where elastomer seals are not resistant. With guide cone and Union nut these fittings are particularly suited to very harsh operating conditions.

**CHARACTERISTICS**
**BODY MATERIAL / SUITABILITY**

|                                       |                                                                                                                                                                                  |
|---------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Stainless steel<br/>AISI 316L</b>  | corresponds to <b>stainless steel 1.4404</b> . Suitable for many aggressive media. The FKM seal ring is FDA-compliant and can be used in the food and pharmaceutical industries. |
| <b>Union nut: Nickel-plated brass</b> | CuZn39Pb3, galvanically nickel-plated. Union nut not in contact with the medium.                                                                                                 |
| <b>Other materials</b>                | see relevant products                                                                                                                                                            |
| <b>Approval</b>                       | NSF/ANSI 169                                                                                                                                                                     |

**TUBE**

|                                                           |                  |       |
|-----------------------------------------------------------|------------------|-------|
| <b>Outside diameter D [mm]<br/>Inside diameter d [mm]</b> | 6/4   8/6   10/8 | 12/10 |
| <b>Permitted tolerance outside D</b>                      | ±0.1             | ±0.15 |
| <b>Permitted tolerance inside d</b>                       | ±0.1             | ±0.15 |

|                                           |                                                                                                                                                                       |
|-------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Permitted wall thickness tolerance</b> | ±0.1<br>With very soft tubes, for example PVC tubes, variations in the outside diameter or wall thickness of up to + 5/10 are allowable. In case of doubt please ask. |
| <b>Permitted grades</b>                   | Polyamide (PA), polyurethane (PU), polyethylene (PE), fabric reinforced PVC, fluoropolymer (FEP) (PFA)                                                                |

**THREAD**

|                        |                                                                                                                                                                                     |
|------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>External thread</b> | "G" cylindrical thread: Whitworth pipe thread DIN ISO 228-1 G 1/8 to G 1/2                                                                                                          |
| <b>External thread</b> | "R" Conical thread: Whitworth pipe thread DIN 2999-1 and ISO 7/1 R 1/8 to R 1/2.<br>Dimensions constructed so there can be pairing with internal thread according to DIN ISO 228-1. |

**OPERATING PRESSURE / TEMPERATURE**

|                      |                                                              |                                                                                                                                                                                                                    |
|----------------------|--------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Metal version</b> | PN 25<br>T <sub>min</sub> -40 °C<br>T <sub>max</sub> +140 °C | Means that the fitting can be used up to the given nominal pressure PN within the specified temperature range "T".<br><b>Allowable operating pressure and operating temperature of pipe/tube must be observed!</b> |
|----------------------|--------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

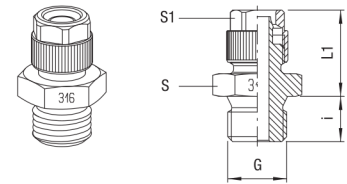
**THREAD SEAL**

|                                    |                                                                                                                                           |
|------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Cylindrical threaded nipple</b> | Seal with sealing rings made of copper, fibre, aluminium, polyamide or hard PVC.<br>Seal with chambered O-ring (FDA-compliant) on request |
| <b>Conical threaded nipple</b>     | Seal with Teflon tape winding (FDA-compliant) on request                                                                                  |

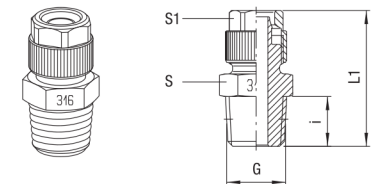
|                                                 |                                                |                                                                                      |
|-------------------------------------------------|------------------------------------------------|--------------------------------------------------------------------------------------|
| <b>Straight, 90° elbow and T-adaptors, male</b> | not suitable for rotating or oscill. movements | Some types of fittings are 360°-swivelling to facilitate adjustment during assembly. |
|-------------------------------------------------|------------------------------------------------|--------------------------------------------------------------------------------------|

**Straight Adaptor - Male**

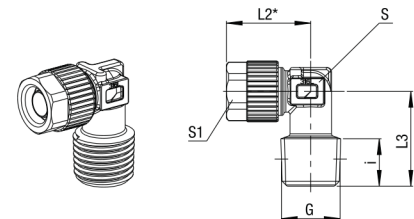
|              |       |       |                                                     |                    |      |               |                                                                                   |                                                                                   |                                |                           |
|--------------|-------|-------|-----------------------------------------------------|--------------------|------|---------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|--------------------------------|---------------------------|
| Price group  | 13    | PN 25 | T <sub>min</sub> -40 °C<br>T <sub>max</sub> +140 °C | Cylindrical thread |      |               |  |  | Union nut: Nickel-plated brass | Stainless steel AISI 316L |
| for tube D/d | G     | i     | L1*                                                 | S1                 | S    | Weight in [g] | Type                                                                              | Order number                                                                      | Price                          |                           |
| 6/4          | G 1/8 | 8     | 18.6                                                | 10                 | 13   | 13.2          | 151X4-6/4M-1/8                                                                    | 360064                                                                            | o. r.                          |                           |
| 6/4          | G 1/4 | 10    | 19.1                                                | 10                 | 17   | 22.8          | 151X4-6/4M-1/4                                                                    | 360065                                                                            | o. r.                          |                           |
| 8/6          | G 1/8 | 8     | 18.6                                                | 12                 | 13   | 15.9          | 151X4-8/6M-1/8                                                                    | 360070                                                                            | o. r.                          |                           |
| 8/6          | G 1/4 | 10    | 19.1                                                | 12                 | 17   | 25            | 151X4-8/6M-1/4                                                                    | 360071                                                                            | o. r.                          |                           |
| 10/8         | G 1/8 | 8     | 20                                                  | 13                 | 14   | 21.2          | 151X4-10/8M-1/8                                                                   | 360079                                                                            | o. r.                          |                           |
| 10/8         | G 1/4 | 10    | 20.5                                                | 13                 | 17   | 26.2          | 151X4-10/8M-1/4                                                                   | 360080                                                                            | o. r.                          |                           |
| 10/8         | G 3/8 | 10    | 20.5                                                | 13                 | 19   | 34.4          | 151X4-10/8M-3/8                                                                   | 360081                                                                            | o. r.                          |                           |
| 12/10        | G 1/4 | 10    | 22                                                  | 15                 | 17   | 27.9          | 151X4-12/10M-1/4                                                                  | 360092                                                                            | o. r.                          |                           |
| 12/10        | G 3/8 | 10    | 22                                                  | 15                 | 19   | 36.1          | 151X4-12/10M-3/8                                                                  | 360093                                                                            | o. r.                          |                           |
| 12/10        | G 1/2 | 12    | 22.5                                                | 15                 | 24** | 52.9          | 151X4-12/10M-1/2                                                                  | 360094                                                                            | o. r.                          |                           |

**Illustration**

**Straight Adaptor - Male**

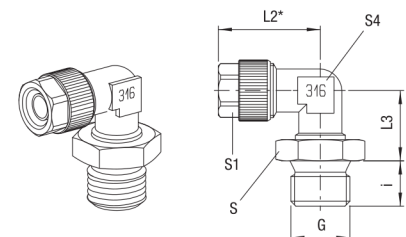
|              |       |       |                                                     |                |    |                                                                                   |                   |                                |                           |
|--------------|-------|-------|-----------------------------------------------------|----------------|----|-----------------------------------------------------------------------------------|-------------------|--------------------------------|---------------------------|
| Price group  | 13    | PN 25 | T <sub>min</sub> -40 °C<br>T <sub>max</sub> +140 °C | Conical thread |    |  |                   | Union nut: Nickel-plated brass | Stainless steel AISI 316L |
| for tube D/d | G     | i     | L1*                                                 | S1             | S  | Weight in [g]                                                                     | Type              | Order number                   | Price                     |
| 6/4          | R 1/8 | 7.5   | 26.1                                                | 10             | 12 | 12                                                                                | 151X4-6/4M-1/8K   | 360464                         | o. r.                     |
| 6/4          | R 1/4 | 11    | 30.1                                                | 10             | 14 | 19                                                                                | 151X4-6/4M-1/4K   | 360465                         | o. r.                     |
| 8/6          | R 1/8 | 7.5   | 26.1                                                | 12             | 12 | 14.6                                                                              | 151X4-8/6M-1/8K   | 360470                         | o. r.                     |
| 8/6          | R 1/4 | 11    | 30.1                                                | 12             | 14 | 22                                                                                | 151X4-8/6M-1/4K   | 360471                         | o. r.                     |
| 10/8         | R 1/8 | 7.5   | 27.5                                                | 13             | 14 | 21.4                                                                              | 151X4-10/8M-1/8K  | 360479                         | o. r.                     |
| 10/8         | R 1/4 | 11    | 31.5                                                | 13             | 14 | 24                                                                                | 151X4-10/8M-1/4K  | 360480                         | o. r.                     |
| 10/8         | R 3/8 | 11.5  | 32                                                  | 13             | 17 | 33.2                                                                              | 151X4-10/8M-3/8K  | 360481                         | o. r.                     |
| 12/10        | R 3/8 | 11.5  | 33.5                                                | 15             | 17 | 35.2                                                                              | 151X4-12/10M-3/8K | 360493                         | o. r.                     |
| 12/10        | R 1/2 | 14    | 36.5                                                | 15             | 22 | on req.                                                                           | 151X4-12/10M-1/2K | 360494                         | o. r.                     |

**Illustration**

**90° Elbow Adaptor - Male**

|              |       |       |                                                     |                |    |    |               |                                                                                     |                                                                                     |                                |                           |
|--------------|-------|-------|-----------------------------------------------------|----------------|----|----|---------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------------------------|---------------------------|
| Price group  | 13    | PN 25 | T <sub>min</sub> -40 °C<br>T <sub>max</sub> +140 °C | Conical thread |    |    |               |  |  | Union nut: Nickel-plated brass | Stainless steel AISI 316L |
| for tube D/d | G     | i     | L2*                                                 | L3             | S1 | S  | Weight in [g] | Type                                                                                | Order number                                                                        | Price                          |                           |
| 6/4          | R 1/8 | 7.5   | 17.6                                                | 16.9           | 10 | 8  | 13.5          | 150X4M-6/4M-1/8K                                                                    | 361321                                                                              | o. r.                          |                           |
| 6/4          | R 1/4 | 10.5  | 17.6                                                | 19.9           | 10 | 9  | 18.4          | 150X4M-6/4M-1/4K                                                                    | 361322                                                                              | o. r.                          |                           |
| 8/6          | R 1/8 | 7.5   | 18.4                                                | 18             | 12 | 9  | 16.9          | 150X4M-8/6M-1/8K                                                                    | 361323                                                                              | o. r.                          |                           |
| 8/6          | R 1/4 | 10.5  | 18.7                                                | 21             | 12 | 10 | 22.1          | 150X4M-8/6M-1/4K                                                                    | 361324                                                                              | o. r.                          |                           |
| 8/6          | R 3/8 | 10.8  | 26.5                                                | 24.5           | 12 | 13 | 39.4          | 150X4-8/6M-3/8K                                                                     | 361072                                                                              | o. r.                          |                           |
| 10/8         | R 1/8 | 9     | 24.5                                                | 18.5           | 13 | 10 | 29.5          | 150X4-10/8M-1/8K                                                                    | 361079                                                                              | o. r.                          |                           |
| 10/8         | R 1/4 | 10.5  | 24.5                                                | 21             | 13 | 10 | 24.5          | 150X4-10/8M-1/4K                                                                    | 361080                                                                              | o. r.                          |                           |
| 10/8         | R 3/8 | 10.8  | 27                                                  | 24.5           | 13 | 13 | 39.6          | 150X4-10/8M-3/8K                                                                    | 361081                                                                              | o. r.                          |                           |
| 12/10        | R 3/8 | 11.5  | 29                                                  | 25             | 15 | 13 | 42.2          | 150X4-12/10M-3/8K                                                                   | 361093                                                                              | o. r.                          |                           |
| 12/10        | R 1/2 | 14.1  | 30.5                                                | 29             | 15 | 17 | 58.5          | 150X4-12/10M-1/2K                                                                   | 361094                                                                              | o. r.                          |                           |

**Illustration**

**90° Elbow Adaptor - Male - Positionable**

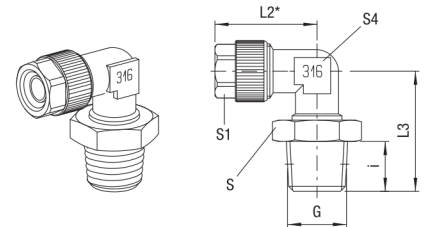
| Price group  | 13    | PN 16 | T <sub>min</sub> 0 °C<br>T <sub>max</sub> +140 °C | Cylindrical thread | Seal: FKM<br>FDA-compliant | not suitable for rotating<br>or oscill. movement |    |  | Union nut: Nickel-plated brass | Stainless steel<br>AISI 316L |       |
|--------------|-------|-------|---------------------------------------------------|--------------------|----------------------------|--------------------------------------------------|----|-------------------------------------------------------------------------------------|--------------------------------|------------------------------|-------|
| for tube D/d | G     | i     | L2*                                               | L3                 | S1                         | S4                                               | S  | Weight in [g]                                                                       | Type                           | Order number                 | Price |
| 6/4          | G 1/8 | 8     | 22.5                                              | 14                 | 10                         | 10                                               | 13 | 23.4                                                                                | 130X4-6/4M-1/8FF               | 361164                       | o. r. |
| 6/4          | G 1/4 | 10    | 22.5                                              | 14.5               | 10                         | 10                                               | 17 | 26.8                                                                                | 130X4-6/4M-1/4FF               | 361165                       | o. r. |
| 8/6          | G 1/8 | 8     | 22.5                                              | 14                 | 12                         | 10                                               | 13 | 24                                                                                  | 130X4-8/6M-1/8FF               | 361170                       | o. r. |
| 8/6          | G 1/4 | 10    | 22.5                                              | 14.5               | 12                         | 10                                               | 17 | 28.2                                                                                | 130X4-8/6M-1/4FF               | 361171                       | o. r. |
| 10/8         | G 1/4 | 10    | 24                                                | 14.5               | 13                         | 10                                               | 17 | 29.7                                                                                | 130X4-10/8M-1/4FF              | 361180                       | o. r. |

**Illustration**


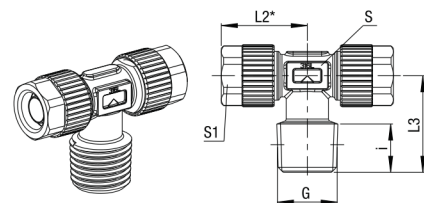
\* approximate with fastened Union nut \*\* S24 = octagon

**90° Elbow Adaptor - Male - Positionable**

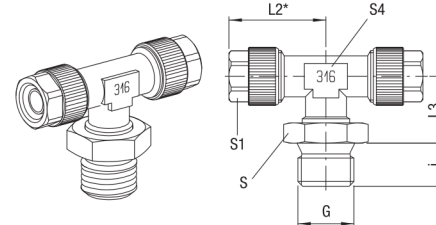
|              |       |       |                                                   |                |                            |                                                  |    |                                                                                   |                                    |                              |       |
|--------------|-------|-------|---------------------------------------------------|----------------|----------------------------|--------------------------------------------------|----|-----------------------------------------------------------------------------------|------------------------------------|------------------------------|-------|
| Price group  | 13    | PN 16 | T <sub>min</sub> 0 °C<br>T <sub>max</sub> +140 °C | Conical thread | Seal: FKM<br>FDA-compliant | not suitable for rotating<br>or oscill. movement |    |  | Union nut: Nickel<br>-plated brass | Stainless steel<br>AISI 316L |       |
| for tube D/d | G     | i     | L2*                                               | L3             | S1                         | S4                                               | S  | Weight in [g]                                                                     | Type                               | Order number                 | Price |
| 6/4          | R 1/8 | 7.5   | 22.5                                              | 21.5           | 10                         | 10                                               | 13 | 22.5                                                                              | 130X4-6/4M-1/8KFF                  | 361264                       | o. r. |
| 6/4          | R 1/4 | 11    | 22.5                                              | 25.5           | 10                         | 10                                               | 17 | 26.6                                                                              | 130X4-6/4M-1/4KFF                  | 361265                       | o. r. |
| 8/6          | R 1/8 | 7.5   | 22.5                                              | 21.5           | 12                         | 10                                               | 13 | 23.6                                                                              | 130X4-8/6M-1/8KFF                  | 361270                       | o. r. |
| 8/6          | R 1/4 | 11    | 22.5                                              | 25.5           | 12                         | 10                                               | 17 | 28.1                                                                              | 130X4-8/6M-1/4KFF                  | 361271                       | o. r. |
| 10/8         | R 1/4 | 11    | 24                                                | 25.5           | 13                         | 10                                               | 17 | 29.4                                                                              | 130X4-10/8M-1/4KFF                 | 361280                       | o. r. |

**Illustration**

**T-Adaptor - Male**

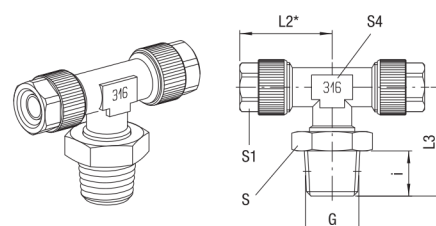
|              |       |       |                                                     |                |    |    |               |                                                                                   |                                                                                   |                                |                           |
|--------------|-------|-------|-----------------------------------------------------|----------------|----|----|---------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|--------------------------------|---------------------------|
| Price group  | 13    | PN 25 | T <sub>min</sub> -40 °C<br>T <sub>max</sub> +140 °C | Conical thread |    |    |               |  |  | Union nut: Nickel-plated brass | Stainless steel AISI 316L |
| for tube D/d | G     | i     | L2*                                                 | L3             | S1 | S  | Weight in [g] | Type                                                                              | Order number                                                                      | Price                          |                           |
| 6/4          | R 1/8 | 7.5   | 17.6                                                | 16.9           | 10 | 8  | 20.8          | 141X4M-6/4M-1/8K                                                                  | 361821                                                                            | o. r.                          |                           |
| 6/4          | R 1/4 | 10.5  | 17.6                                                | 19.9           | 10 | 9  | 25.7          | 141X4M-6/4M-1/4K                                                                  | 361822                                                                            | o. r.                          |                           |
| 8/6          | R 1/8 | 7.5   | 18.4                                                | 18             | 12 | 9  | 26            | 141X4M-8/6M-1/8K                                                                  | 361823                                                                            | o. r.                          |                           |
| 8/6          | R 1/4 | 10.5  | 18.7                                                | 21             | 12 | 10 | 31.4          | 141X4M-8/6M-1/4K                                                                  | 361824                                                                            | o. r.                          |                           |
| 10/8         | R 1/8 | 9     | 25                                                  | 18.5           | 13 | 10 | 34.1          | 141X4-10/8M-1/8K                                                                  | 361479                                                                            | o. r.                          |                           |
| 10/8         | R 1/4 | 10.5  | 25                                                  | 21             | 13 | 10 | 37.9          | 141X4-10/8M-1/4K                                                                  | 361480                                                                            | o. r.                          |                           |
| 10/8         | R 3/8 | 11.3  | 27                                                  | 25             | 13 | 13 | 39.6          | 141X4-10/8M-3/8K                                                                  | 361481                                                                            | o. r.                          |                           |
| 12/10        | R 3/8 | 11.3  | 29                                                  | 25             | 15 | 13 | 59.9          | 141X4-12/10M-3/8K                                                                 | 361493                                                                            | o. r.                          |                           |
| 12/10        | R 1/2 | 14.2  | 30.5                                                | 29             | 15 | 17 | 91            | 141X4-12/10M-1/2K                                                                 | 361494                                                                            | o. r.                          |                           |

**Illustration**

**T-Adaptor - Male - Positionable**

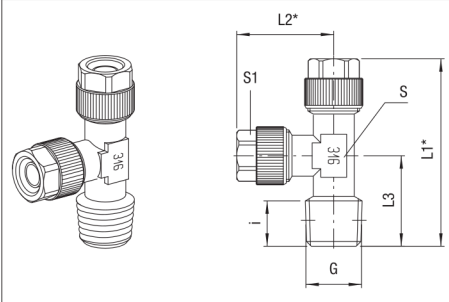
|              |       |       |                                                   |                    |                            |                                               |    |               |                                                                                    |                                |                              |
|--------------|-------|-------|---------------------------------------------------|--------------------|----------------------------|-----------------------------------------------|----|---------------|------------------------------------------------------------------------------------|--------------------------------|------------------------------|
| Price group  | 13    | PN 16 | T <sub>min</sub> 0 °C<br>T <sub>max</sub> +140 °C | Cylindrical thread | Seal: FKM<br>FDA-compliant | not suitable for rotating or oscill. movement |    |               |  | Union nut: Nickel-plated brass | Stainless steel<br>AISI 316L |
| for tube D/d | G     | i     | L2*                                               | L3                 | S1                         | S4                                            | S  | Weight in [g] | Type                                                                               | Order number                   | Price                        |
| 6/4          | G 1/8 | 8     | 22.5                                              | 14                 | 10                         | 10                                            | 13 | 32.3          | 121X4-6/4M-1/8FF                                                                   | 361564                         | o. r.                        |
| 6/4          | G 1/4 | 10    | 22.5                                              | 14.5               | 10                         | 10                                            | 17 | 35.1          | 121X4-6/4M-1/4FF                                                                   | 361565                         | o. r.                        |
| 8/6          | G 1/8 | 8     | 22.5                                              | 14                 | 12                         | 10                                            | 13 | 34.2          | 121X4-8/6M-1/8FF                                                                   | 361570                         | o. r.                        |
| 8/6          | G 1/4 | 10    | 22.5                                              | 14.5               | 12                         | 10                                            | 17 | 38.2          | 121X4-8/6M-1/4FF                                                                   | 361571                         | o. r.                        |
| 10/8         | G 1/4 | 10    | 24                                                | 14.5               | 13                         | 10                                            | 17 | 41.5          | 121X4-10/8M-1/4FF                                                                  | 361580                         | o. r.                        |

**Illustration**

**T-Adaptor - Male - Positionable**

|                    |       |       |                                                   |                |                            |                                                  |    |                  |                                                                                     |                                    |                              |
|--------------------|-------|-------|---------------------------------------------------|----------------|----------------------------|--------------------------------------------------|----|------------------|-------------------------------------------------------------------------------------|------------------------------------|------------------------------|
| Price group        | 13    | PN 16 | T <sub>min</sub> 0 °C<br>T <sub>max</sub> +140 °C | Conical thread | Seal: FKM<br>FDA-compliant | not suitable for rotating<br>or oscill. movement |    |                  |  | Union nut: Nickel<br>-plated brass | Stainless steel<br>AISI 316L |
| for<br>tube<br>D/d | G     | i     | L2*                                               | L3             | S1                         | S4                                               | S  | Weight<br>in [g] | Type                                                                                | Order<br>number                    | Price                        |
| 6/4                | R 1/8 | 7.5   | 22.5                                              | 21.5           | 10                         | 10                                               | 13 | 32.2             | 121X4-6/4M-1/8KFF                                                                   | 361664                             | o. r.                        |
| 6/4                | R 1/4 | 11    | 22.5                                              | 25.5           | 10                         | 10                                               | 17 | 36.4             | 121X4-6/4M-1/4KFF                                                                   | 361665                             | o. r.                        |
| 8/6                | R 1/8 | 7.5   | 22.5                                              | 21.5           | 12                         | 10                                               | 13 | 34.3             | 121X4-8/6M-1/8KFF                                                                   | 361670                             | o. r.                        |
| 8/6                | R 1/4 | 11    | 22.5                                              | 25.5           | 12                         | 10                                               | 17 | 38.9             | 121X4-8/6M-1/4KFF                                                                   | 361671                             | o. r.                        |
| 10/8               | R 1/4 | 11    | 24                                                | 25.5           | 13                         | 10                                               | 17 | 40.9             | 121X4-10/8M-1/4KFF                                                                  | 361680                             | o. r.                        |

**Illustration**

**Side T-Adaptor - Male**

|              |       |       |                                                     |      |      |    |    |               |                                                                                     |                                                                                     |                                |                           |
|--------------|-------|-------|-----------------------------------------------------|------|------|----|----|---------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------------------------|---------------------------|
| Price group  | 13    | PN 25 | T <sub>min</sub> -40 °C<br>T <sub>max</sub> +140 °C |      |      |    |    |               |  |  | Union nut: Nickel-plated brass | Stainless steel AISI 316L |
| for tube D/d | G     | i     | L1*                                                 | L2*  | L3   | S1 | S  | Weight in [g] | Type                                                                                | Order number                                                                        | Price                          |                           |
| 6/4          | R 1/8 | 9     | 41                                                  | 22.5 | 18.5 | 10 | 10 | 26.8          | 142X4-6/4M-1/8K                                                                     | 361764                                                                              | o. r.                          |                           |
| 6/4          | R 1/4 | 10.5  | 43.5                                                | 22.5 | 21   | 10 | 10 | 29.5          | 142X4-6/4M-1/4K                                                                     | 361765                                                                              | o. r.                          |                           |
| 8/6          | R 1/8 | 9     | 41                                                  | 22.5 | 18.5 | 12 | 10 | 28.9          | 142X4-8/6M-1/8K                                                                     | 361770                                                                              | o. r.                          |                           |
| 8/6          | R 1/4 | 10.5  | 43.5                                                | 22.5 | 21   | 12 | 10 | 31.6          | 142X4-8/6M-1/4K                                                                     | 361771                                                                              | o. r.                          |                           |
| 10/8         | R 1/8 | 9     | 43.5                                                | 25   | 18.5 | 13 | 10 | on req.       | 142X4-10/8M-1/8K                                                                    | 361779                                                                              | o. r.                          |                           |
| 10/8         | R 1/4 | 10.5  | 46                                                  | 25   | 21   | 13 | 10 | on req.       | 142X4-10/8M-1/4K                                                                    | 361780                                                                              | o. r.                          |                           |
| 10/8         | R 3/8 | 11.5  | 52                                                  | 27   | 25   | 13 | 13 | on req.       | 142X4-10/8M-3/8K                                                                    | 361781                                                                              | o. r.                          |                           |

**Illustration**


\* approximate with fastened Union nut

## 90° Elbow Connector

|             |           |    |    |                  |        |                  |         |
|-------------|-----------|----|----|------------------|--------|------------------|---------|
| Price group | <b>13</b> | PN | 25 | T <sub>min</sub> | -40 °C | T <sub>max</sub> | +140 °C |
|-------------|-----------|----|----|------------------|--------|------------------|---------|

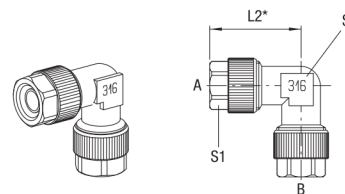


Union nut: Nickel-plated brass

Stainless steel  
AISI 316L

| for tube A<br>D/d | for tube B<br>D/d | L2*  | S1 | S  | Weight<br>in [g] | Type         | Order<br>number | Price |
|-------------------|-------------------|------|----|----|------------------|--------------|-----------------|-------|
| 6/4               | 6/4               | 22.5 | 10 | 10 | 23.4             | 155X4-6/4M   | 362185          | o. r. |
| 8/6               | 8/6               | 22.5 | 12 | 10 | 24.6             | 155X4-8/6M   | 362187          | o. r. |
| 10/8              | 10/8              | 25   | 13 | 10 | 29.2             | 155X4-10/8M  | 362190          | o. r. |
| 12/10             | 12/10             | 29   | 15 | 13 | on req.          | 155X4-12/10M | 362194          | o. r. |

## Illustration



## T-Connector

|             |           |    |    |                  |        |                  |         |
|-------------|-----------|----|----|------------------|--------|------------------|---------|
| Price group | <b>13</b> | PN | 25 | T <sub>min</sub> | -40 °C | T <sub>max</sub> | +140 °C |
|-------------|-----------|----|----|------------------|--------|------------------|---------|

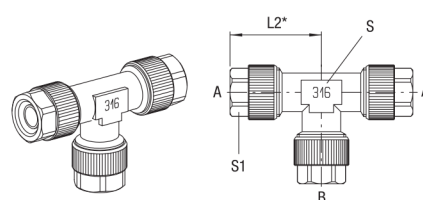


Union nut: Nickel-plated brass

Stainless steel  
AISI 316L

| for tube A<br>D/d | for tube B<br>D/d | L2*  | S1 | S  | Weight<br>in [g] | Type         | Order<br>number | Price |
|-------------------|-------------------|------|----|----|------------------|--------------|-----------------|-------|
| 6/4               | 6/4               | 22.5 | 10 | 10 | 31.7             | 154X4-6/4M   | 362385          | o. r. |
| 8/6               | 8/6               | 22.5 | 12 | 10 | 34.1             | 154X4-8/6M   | 362387          | o. r. |
| 10/8              | 10/8              | 25   | 13 | 10 | 42.7             | 154X4-10/8M  | 362390          | o. r. |
| 12/10             | 12/10             | 29   | 15 | 13 | 63.9             | 154X4-12/10M | 362394          | o. r. |

## Illustration



\* approximate with fastened Union nut