

3.1

3.2

3.3

3.4

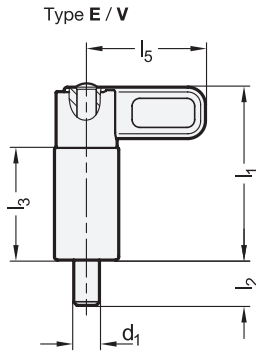
3.5

3.6

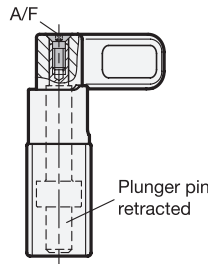
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3.9



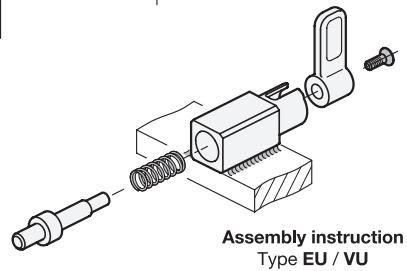
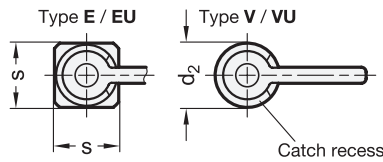
Type EU / VU



Rostfrei
Inox
Stainless
Steel

3 Type

- E** Square, with latch, mounted (riveted)
- EU** Square, with latch, unmounted
- V** Round, with latch mounted (riveted)
- VU** Round, with latch, unmounted



Assembly instruction
Type EU / VU

| d₁ Type E / EU Pin -0.05 -0.25 Bore $+0.1$ $+0.3$ | d₁ Type V / VU Pin -0.05 -0.25 Bore $+0.2$ $+0.4$ | d₂ Type V / VU | s Type E / EU | l₁ ≈ | l₂ | l₃ | l₅ | A/F | Spring load in N ≈ | |
|---|---|-------------------------------------|-------------------------|------------------------|----------------------|----------------------|----------------------|------------|--------------------|-----|
| | | | | | | | | | Initial | End |
| 8 | 8 | 20 | 20 | 54 | 14 | 35 | 37 | 2,5 | 14 | 35 |
| 10 | 10 | 20 | 20 | 54 | 14 | 35 | 37 | 2,5 | 14 | 35 |
| 12 | 12 | 20 | 20 | 54 | 14 | 35 | 37 | 2,5 | 14 | 35 |
| 14 | 14 | 20 | 20 | 54 | 14 | 35 | 37 | 2,5 | 14 | 35 |
| 16 | 16 | 30 | 30 | 83 | 20 | 54 | 55 | 4 | 22 | 70 |
| 20 | 20 | 30 | 30 | 83 | 20 | 54 | 55 | 4 | 22 | 70 |

Specification

- Guide
 - Steel precision casting Weldable, blackened **ST**
 - Stainless steel precision casting AISI 316, weldable **A4**
- Latch
 - Steel precision casting Zinc plated, blue passivated (for ST)
 - Stainless steel precision casting AISI 316 (for A4)
- Plunger pin
 - Steel, zinc plated, blue passivated (for ST)
 - Pressure spring Stainless steel AISI 316 (for A4)
- Countersunk screw
 - Steel, zinc plated (for ST)
 - Stainless steel (for A4)
- Pressure spring
Stainless steel AISI 316Ti
- Load Rating Information → Page 2132
- Stainless Steel Characteristics → Page 2166
- RoHS

4 Information

With indexing plungers GN 722.4, the plunger pin is actuated via the latch. This is done either manually, with a cable or by means of an extended pull rod with hook. The **ST** version is designed for applications in steel construction, whereas the stainless steel version **A4** is suitable for use in particularly aggressive environments.

The types with a rest position are used when the plunger pin should temporarily not protrude. For this purpose, the latch is turned sideways after the locking pin has been retracted. The latch is held in this position by the catch recess at the top of the guide.

The dimensional tolerances between pin and guide are selected so that the functional reliability is guaranteed even after welding, applying a corrosion protection layer or in case of contamination.

For fastening by welding, the unmounted types EU / VU are particularly recommended to avoid changes to the microstructure of the material due to heating of the spring and plunger pin. In this case, the indexing plunger is assembled only after the surface treatment of the welded guide.

| | |
|--------------|----------------------------|
| How to order | 1 d₁ |
| | 2 d₂ (s) |
| | 3 Type |
| | 4 Material |

GN 722.4-12-20-V-A4