



SS Stainless Steel

3 Type

- E** Square, with latch, fixed (riveted)
- EU** Square, with latch, unassembled
- V** Round, with latch, fixed (riveted)
- VU** Round, with latch, unassembled

Metric table

Dimensions in: millimeters - inches

1 d_1 Type E / EU Pin -0.05 Bore $+0.1$ -0.3	2 d_1 Type V / VU Pin -0.05 Bore $+0.1$ -0.4	d_2 Type V / VU	s Type E / EU	$l_1 \approx$	l_2	l_3	l_5	A/F in mm	Spring load \approx Initial	End
8 0.315	8 0.315	20 0.79	20 0.79	54 2.13	14 0.55	35 1.38	37 1.46	2.5	14 N 3.15 lbf	35 N 7.87 lbf
10 0.394	10 0.394	20 0.79	20 0.79	54 2.13	14 0.55	35 1.38	37 1.46	2.5	14 N 3.15 lbf	35 N 7.87 lbf
12 0.472	12 0.472	20 0.79	20 0.79	54 2.13	14 0.55	35 1.38	37 1.46	2.5	14 N 3.15 lbf	35 N 7.87 lbf
14 0.551	14 0.551	20 0.79	20 0.79	54 2.13	14 0.55	35 1.38	37 1.46	2.5	14 N 3.15 lbf	35 N 7.87 lbf
16 0.630	16 0.630	30 1.18	30 1.18	83 3.27	20 0.79	54 2.13	55 2.17	4	22 N 4.95 lbf	70 N 15.74 lbf
20 0.787	20 0.787	30 1.18	30 1.18	83 3.27	20 0.79	54 2.13	55 2.17	4	22 N 4.95 lbf	70 N 15.74 lbf

Specification

- Guide
 - Steel precision casting **ST**
Blackened finish, weldable
 - Stainless steel **A4**
precision casting AISI 316
Weldable
- Latch
 - Steel precision casting
Zinc plated, blue passivated finish (for ST)
 - Stainless steel
precision casting AISI 316 (for A4)
- Plunger pin
 - Steel, zinc plated, blue passivated finish (for ST)
 - Stainless steel AISI 316 (for A4)
- Countersunk screw
 - Steel, zinc plated (for ST)
 - Stainless steel A4 (for A4)
- Spring
Stainless steel AISI 316Ti
- Load Rating Information → page QVX
- Stainless Steel Characteristics → page QVX
- RoHS

Information

With indexing plungers GN 722.4, the plunger pin is actuated via the latch. The **ST** version is designed for applications in steel construction, whereas the **A4** stainless steel version is suitable for use in particularly aggressive environments.

The types with lock-out 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 For this purpose, the latch is turned sideways after the locking pin has been retracted.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 plunger 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.

The unassembled types EU / VU are recommended to avoid changing the microstructure of the spring and plunger during the welding process. After welding, the indexing plunger is then assembled.

see also...

- List of Indexing Plunger Types → page QVX
- Cam Action Spring Latches GN 722.1 → page QVX
- Locating Bushings GN 412.2 / GN 412.4 → page QVX

How to order	
1 Pin diameter d_1	
2 Diameter d_2 (Square s)	
3 Type	
4 Material	

GN 722.4-12-20-V-A4