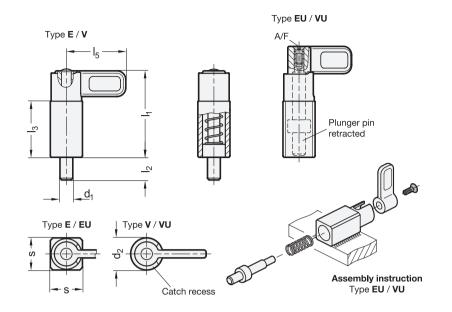
# **Indexing Plungers**

Steel / Stainless Steel, Lock-Out, Weldable, with Latch









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

### Metric table

<b>V</b>		2			Dimensions in: millimeters - inche					
<b>d₁</b> Type E / EU	d <sub>1</sub> Type V / VU	<b>d<sub>2</sub></b> Type V / VU	S Type E / EU	I <sub>1</sub> ≈	l <sub>2</sub>	l <sub>3</sub>	I <sub>5</sub>	A/F in mm	Spring load ≈	
Pin -0.25 Bore +0.1 +0.3	Pin -0.05 -0.25 Bore +0.2	Type v / vo	туре Е / Еб						Initial	End
8	8	20	20	54	14	35	37	2.5	14 N	35 N
<i>0.315</i>	0.315	0.79	0.79	2.13	0.55	1.38	1.46		3.15 lbf	7.87 lbf
10	10	20	20	54	14	35	37	2.5	14 N	35 N
<i>0.394</i>	0.394	0.79	0.79	2.13	0.55	1.38	1.46		3.15 lbf	7.87 lbf
12	12	20	20	54	14	35	37	2.5	14 N	35 N
<i>0.472</i>	0.472	0.79	0.79	2.13	0.55	1.38	1.46		3.15 lbf	7.87 lbf
14	14	20	20	54	14	35	37	2.5	14 N	35 N
<i>0.551</i>	0.551	0.79	0.79	2.13	0.55	1.38	1.46		3.15 lbf	7.87 lbf
16	16	30	30	83	20	54	55	4	22 N	70 N
<i>0.630</i>	0.630	1.18	1.18	3.27	0.79	2.13	2.17		4.95 lbf	15.74 lbf
20	20	30	30	83	20	54	55	4	22 N	70 N
0.787	0.787	1.18	1.18	3.27	0.79	2.13	2.17		4.95 lbf	15.74 lbf

#### **Specification**

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ST

- Guide
- Steel precision casting Blackened finish, weldable
- Stainless steel precision casting AISI 316 Δ4 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  ${\bf ST}$  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.

4 Material

- 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

GN 722.4-12-20- V -A4

1	Pin diameter d₁
2	Diameter d <sub>2</sub> (Square s)
3	Type