



SS Stainless Steel

3 Type

- A** Square, with pull ring, fixed
- AU** Square, with pull ring, unassembled
- R** Round, with pull ring, fixed
- RU** Round, with pull ring, unassembled

Metric table

Dimensions in: millimeters - inches

1 d ₁ Type A / AU Pin -0.05 Bore $+0.1$ $+0.3$	1 d ₁ Type R / RU Pin -0.05 Bore $+0.2$ $+0.4$	2 d ₂ Type R / RU	s Type A / AU	d ₃	d ₄	l ₁ ≈	l ₂	l ₃	l ₄	A/F in mm	Spring load ≈ Initial	End
8 0.31	8 0.31	20 0.79	20 0.79	36 1.42	7 0.28	70 2.76	14 0.55	35 1.38	52 2.05	2	14 N 3.15 lbf	35 N 7.87 lbf
10 0.39	10 0.39	20 0.79	20 0.79	36 1.42	7 0.28	70 2.76	14 0.55	35 1.38	52 2.05	2	14 N 3.15 lbf	35 N 7.87 lbf
12 0.47	12 0.47	20 0.79	20 0.79	36 1.42	7 0.28	70 2.76	14 0.55	35 1.38	52 2.05	2	14 N 3.15 lbf	35 N 7.87 lbf
14 0.55	14 0.55	20 0.79	20 0.79	36 1.42	7 0.28	70 2.76	14 0.55	35 1.38	52 2.05	2	14 N 3.15 lbf	35 N 7.87 lbf
16 0.63	16 0.63	30 1.18	30 1.18	50 1.97	10 0.39	103 4.06	20 0.79	54 2.13	78 3.07	2.5	22 N 4.95 lbf	70 N 15.74 lbf
20 0.79	20 0.79	30 1.18	30 1.18	50 1.97	10 0.39	103 4.06	20 0.79	54 2.13	78 3.07	2.5	22 N 4.95 lbf	70 N 15.74 lbf

Specification

- Guide
 - Steel precision casting Blackened finish, weldable **ST**
 - Stainless steel precision casting AISI 316 Weldable **A4**
- Pull ring
 - Steel precision casting Zinc plated, blue passivated finish (for ST)
 - Stainless steel precision casting AISI 316 (for A4)
- Latch pin
 - Steel, zinc plated, blue passivated finish (for ST)
 - Stainless steel AISI 316 (for A4)
- Set screw DIN 915
 - Steel, zinc plated (for ST)
 - Stainless steel A4 (for A4)
- Spring
 - Stainless steel AISI 316Ti
- Load Rating Information → page 2103
- Stainless Steel Characteristics → page 2143
- RoHS compliant

Information

With GN 722.4 indexing plungers, the plunger pin is actuated via the pull ring. 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 **A4** stainless steel version is suitable for use in particularly aggressive environments.

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 AU / RU 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 916
- Square Cam Action Spring Latches GN 722.1 → page 1015
- Locating Bushings GN 412.2 / GN 412.4 → page 996

How to order

GN 722.4-8-20-A-ST

1	Pin diameter d ₁
2	Square s (Diameter d ₂)
3	Type
4	Material

3.1
3.2
3.3
3.4
3.5
3.6
3.7
3.8
3.9
3.10