



SS Stainless Steel

3 Type

A Latch with rivet, fixed

AU Latch with screw, unassembled

Metric table

d Pin -0.05 Bore $+0.1$ -0.3	s	l ₁ ≈	l ₂	l ₃	l ₄	A/F Type AU	Spring load ≈	
							Initial	End
8 0.31	20 0.79	54 2.13	14 0.55	35 1.38	37 1.46	2.5	15 N 3.37 lbf	50 N 11.24 lbf
10 0.39	20 0.79	54 2.13	14 0.55	35 1.38	37 1.46	2.5	15 N 3.37 lbf	50 N 11.24 lbf
12 0.47	20 0.79	54 2.13	14 0.55	35 1.38	37 1.46	2.5	15 N 3.37 lbf	50 N 11.24 lbf
14 0.55	20 0.79	54 2.13	14 0.55	35 1.38	37 1.46	2.5	15 N 3.37 lbf	50 N 11.24 lbf
16 0.63	30 1.18	83 3.27	20 0.79	54 2.13	55 2.17	4	30 N 6.74 lbf	110 N 24.73 lbf
20 0.79	30 1.18	83 3.27	20 0.79	54 2.13	55 2.17	4	30 N 6.74 lbf	110 N 24.73 lbf

Dimensions in: millimeters - inches

Specification

- Body
Steel precision casting
Blackened finish, weldable
- Lever arm
Steel precision casting
Zinc plated, blue passivated finish
- Latch pin
Steel
Zinc plated, blue passivated finish
- Spring
Stainless steel AISI 316Ti
- Body / lever arm
Stainless steel precision casting AISI 316 **A4**
Weldable
- Latch pin
Stainless steel AISI 316
- Spring
Stainless steel AISI 316Ti
- Countersunk screw
- Steel, zinc plated (for ST)
- Stainless steel A4 (for A4)
- RoHS compliant

Information

With GN 722.1 square cam action spring latches, the latch pin is withdrawn over the cam of the body by rotating the lever arm 180°. If the latch pin may need to be retracted periodically, the notch allows for safe positioning while the latch pin is held in the retracted position. 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 latch pin and body are selected so that the functional reliability is guaranteed even after welding, applying a corrosion protection layer, or in case of contamination.

The unassembled type AU is 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 Cam Action Indexing Plunger Types
- Locating Bushings GN 412.2 / GN 412.4

How to order

GN 722.1-16-30-AU-ST

1	Pin diameter d
2	Square s
3	Type
4	Material