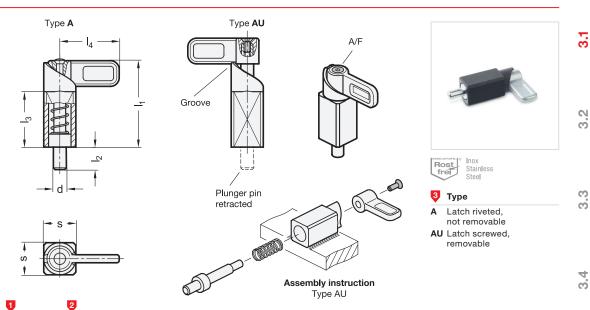
Spring latches

Steel / Stainless Steel

weldable





d Pin ^{-0,05} _{-0,25}	s	I ₁ ≈	l ₂	I ₃	I ₄	A/F Type AU	Spring load in N \approx	
Bore +0,1 +0,3						туре Ао	initial	end
8	20	54	14	35	37	2,5	15	50
10	20	54	14	35	37	2,5	15	50
12	20	54	14	35	37	2,5	15	50
14	20	54	14	35	37	2,5	15	50
16	30	83	20	54	55	4	30	110
20	30	83	20	54	55	4	30	110

Specification

- Guide Steel precision casting blackened, weldable
- Latch Steel precision casting zinc plated, blue passivated
- Plunger pin Steel, zinc plated, blue passivated
- Spring Stainless Steel AISI 316Ti
- Guide / Latch Stainless Steel precision casting weldable, AISI 316
 - Plunger pin Stainless Steel AISI 316
- Spring Stainless Steel AISI 316Ti
- Countersunk screw
 - Steel, zinc plated (for ST)
 - Stainless Steel A4 (for A4)
- Load rating information → Page 1463
- Stainless Steel characteristics → Page 1489
- RoHS

Information

ST

Α4

With spring latches GN 722.1, the plunger pin is retracted over the curve of the guide by a 180° turn of the latch. The notch at the upper end of the curve causes the latch to be held in place if the plunger pin needs to be kept temporarily from protruding. 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.

For fastening by welding, the unmounted type AU is 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.

see also...

- List of cam action indexing plunger types → Page 701 ff.
- Positioning bushings GN 412.2 → Page 696

How to order	1	d
	2	s
1 2 3 4	3	Туре
GN 722.1-16-30-AU-ST	4	Material

5 ന

3.6

ന

 ∞

ത്

0

۱à