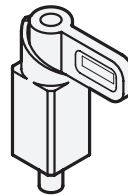
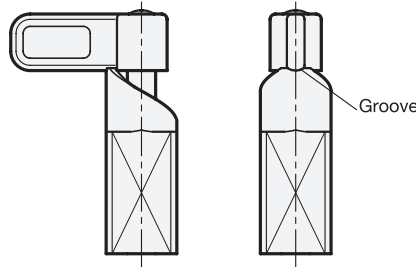


Plunger pin retracted



3.1

3.2

3.3

3.4

1 2

d Pin Bore	s	l ₁ ≈	l ₂	l ₃	l ₄	Spring load in N ≈		Stainless Steel	
						Steel initial	end	initial	end
8 <small>-0.05 +0.1</small>	20	68	14	35	37	16	55	16	45
10 <small>-0.25 +0.1</small>	20	68	14	35	37	16	55	16	45
12 <small>-0.25 +0.1</small>	20	68	14	35	37	16	55	16	45
14 <small>-0.25 +0.1</small>	20	68	14	35	37	16	55	16	45

3.5

3.6

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 301

3

Information

Spring latches GN 722.1 are used when the plunger pin is temporarily not allowed to protrude. The plunger pin retracts by turning the latch by 180°. A groove will hold the latch in both positions.

The square bar allows the latch to be welded in any desired position. To prevent excessive heating up and the resulting change in the spring properties, fixing with welding spots is recommended.

Spring latches GN 722.1 are designed for use in **steel construction** or in **locksmith** shops where less precise positioning / locking is normally required. The dimensional tolerances are therefore chosen to ensure that functional safety is guaranteed under dirt exposure and that cost-effective production methods are used.

see also...

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

- Guide / Latch
Stainless Steel precision casting
weldable, AISI 316
- Plunger pin
Stainless Steel, AISI 316
- Spring
Stainless Steel AISI 316Ti

A4

- *Load rating information* → Page 1463
- *Stainless Steel characteristics* → Page 1489
- RoHS

3.7

3.8

3.9

How to order (Steel)	1	d
	2	s
GN 722.1-10-20-ST	3	Material

How to order (Stainless Steel)	1	d
	2	s
GN 722.1-8-20-A4	3	Material