3.1
3.2
3.3
3.4
3.5
3.6
3.7
3.8
3.9

GN 722.1

Steel / Stainless Steel

Spring latches

weldable

Ganter Norm®

Type **A**

Type **AU**

Groove

A/F

Plunger pin
retracted

Assembly instruction
Type AU

Rost frei® — Inox Stainless Steel

3 **Type**

A Latch riveted,
not removable

AU Latch screwed,
removable

1 **2**

d Pin $_{-0,25}^{-0,05}$ Bore $_{+0,3}^{+0,1}$	s	$l_1 \approx$	l_2	l_3	l_4	A/F Type AU	Spring load in N $\approx$	
							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   **4**

- Guide
  Steel precision casting   **ST**
  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   **A4**
  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

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...

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