

SS Stainless Steel

2 Type

- A** Without safety catch
- S** With safety catch
- SV** For safety with padlock
- SS** With key lock

4 Identification no.

- 1** Long type
- 2** Short type

Metric table

1

Dimensions in: millimeters - inches

Size	F _H Holding capacity	b ₁	b ₂	b ₃	b ₄	h ₁	h ₂	h ₃	h ₄	l ₁ min. Identification no. 1		l ₂ min. Identification no. 1	
										Type A Type SV	Type S Type SS	Type A Type SV	Type S Type SS
400	4000 N 899 lbf	46.5 1.83	45 1.77	38 1.50	27 1.06	22 0.87	12 0.47	28.5 1.12	32.5 1.28	144 5.67	147 5.79	120.5 4.74	123.5 4.86

Size	l ₃	l ₄ min. Identification no. 2		l ₅ min. Identification no. 2		d	m ₁	m ₂	m ₃	r	w ₁ ≈ Stroke	w ₂ ≈ Adjustable range	
		Type A Type SV	Type S Type SS	Type A Type SV	Type S Type SS							Type A Type SV	Type S Type SS
400	32 1.26	80.5 3.17	83.5 3.29	118 4.65	121 4.76	6.3 0.25	20 0.79	12 0.47	11.5 0.45	107.5 4.23	6.5 0.26	15 0.59	8 0.31

Specification

3

- Toggle latch
Steel, zinc plated, blue passivated finish **ST**
- Stainless steel **NI**
(only Type A, S and SV)
- Parts in sheet metal
AISI 304
- Clamping hook / pivot pin
AISI 303
- *Stainless Steel Characteristics* → page 2143
- **RoHS compliant**

Information

GN 821 toggle latches are used for the secure holding of flaps, container lids, etc. They lock securely over the center and are thus vibration proof.

The stroke w₁ of the clamping can pull the parts to be clamped together by up to 6 mm. The range w₂ can be adjusted on the M 6 threaded spindle of the clamping hook.

The types S, SV and SS prevent unwanted release of the toggle latch.

In the standard version the toggle latches of type SS have the same lock and / or the same key.

The load specified in the table is simply a guideline value for the nominal static pulling force the latch can withstand. The holding capacity can be adversely affected by the conditions under which the latch is used, such as vibration or shock loads.

The catch bracket is included.

see also...

- *Horizontal Latch Type Toggle Clamps GN 851* → page 804

How to order

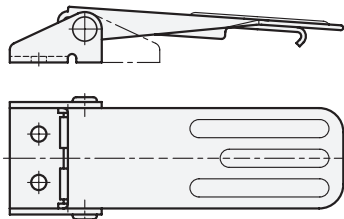
GN 821-400-SV-NI-2

1	Size
2	Type
3	Material
4	Identification no.

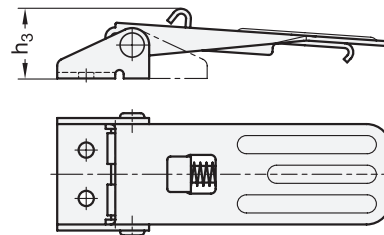


The respective long versions (identification no. 1) are pictured

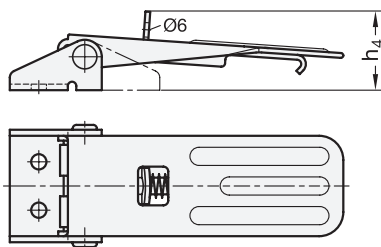
Type A
without safety catch



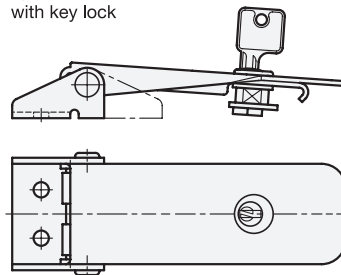
Type S
with safety catch



Type SV
with padlock



Type SS
with key lock



1.1
1.2
1.3
1.4
2.1
2.2
2.3
2.4

