

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. Coding 1		l ₂ min. Coding 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 .87	12 .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. Coding 2		l ₅ min. Coding 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 .25	20 .79	12 .47	11.5 .45	107.5 4.23	6.5 .26	15 .59	8 .31

Specification

3

- Toggle latch assembly
Steel **ST**
Zinc plated, blue passivated finish
- Stainless steel **NI**
Only Type A, S and SV
 - Latch handle and mounting brackets
Stainless steel
European Standard No. 1.4301 (AISI 304)
 - Clamping hook / pivot pin
Stainless steel
European Standard No. 1.4305 (AISI 303)
- 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.

A versatile, low profile design.

The stroke w₁ of the latch hook 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 latch hook.

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.

Long version: Toggle latch mounting plate holes exposed when latch is in closed position.

Short version: Toggle latch mounting plate is flipped 180° and mounting holes are hidden under latch in closed position.

The catch bracket is part of the latch assembly.

see also...

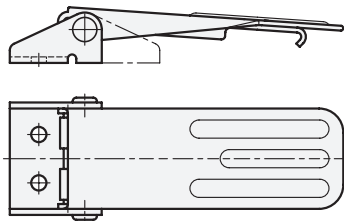
- Horizontal Latch Type Toggle Clamps GN 851 (Steel, Zinc Plated)

How to order	
1 Size	GN 821-400-SV-NI-2
2 Type	
3 Material	
4 Identification no.	

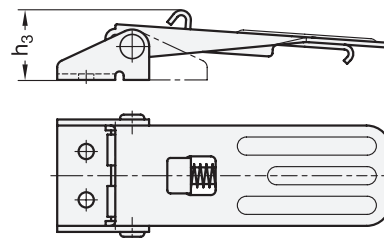


The respective long versions (identification no. 1) are pictured

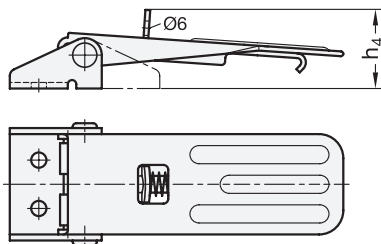
Form A
without safety catch



Form S
with safety catch



Type SV
with padlock



Type SS
with key lock

