



SS Stainless Steel

Metric table

Dimensions in: millimeters - inches

Size	F _H Holding capacity	b ₁	b ₂	b ₃	b ₄	b ₅	b ₆	b ₇	d ₁	d ₂	h ₁ ≈	h ₂ ≈
110	1100 N 247 lbf	30 1.18	24 .94	52 2.05	35 1.38	37 1.46	19 .75	36 1.42	5.2 .20	4.2 .17	20 .79	13 .51

Size	h ₃	l ₁ min.	l ₂	l ₃ min.	m ₁	m ₂	m ₃	m ₄	m ₅	r ≈	w ₁ ≈ Stroke	w ₂ ≈ Adjustable range
110	22 .87	140 5.51	51 2.01	78 3.07	36 1.42	8 .31	10 .39	15 .59	5.5 .22	63 2.48	16 .63	12 .47

Specification

- Toggle latch
Steel **ST**
- **GN 831.1:**
Zinc plated, blue passivated finish
- **GN 831.2:**
Nickel plated
- Stainless steel **NI**
European Standard No. 1.4301 (AISI 304)
- RoHS compliant

Information

GN 831.1 / GN 831.2 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 safety mechanism for GN 831.2 gives additional protection against inadvertent opening of the catch.

The stroke w₁ of the clamping hook can pull the parts to be clamped together by up to 15 mm. The range w₂ can be adjusted on the M6 threaded spindle of the clamping 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.

The catch bracket is included.

How to order (Without safety catch)	1	Size
	2	Material
GN 831.1-110-NI		
How to order (With safety catch)	1	Size
	2	Material
GN 831.2-110-ST		