



ROSTFREI  
Inox  
Stainless  
Steel



Size	F <sub>H</sub> in N Holding capacity	b <sub>1</sub>	b <sub>2</sub>	b <sub>3</sub>	b <sub>4</sub>	b <sub>5</sub>	b <sub>6</sub>	b <sub>7</sub>	d <sub>1</sub>	d <sub>2</sub>	h <sub>1</sub> ≈	h <sub>2</sub> ≈
110	1100	30	24	52	35	37	19	36	5,2	4,2	20	13

Size	h <sub>3</sub>	l <sub>1</sub> min.	l <sub>2</sub>	l <sub>3</sub> min.	m <sub>1</sub>	m <sub>2</sub>	m <sub>3</sub>	m <sub>4</sub>	m <sub>5</sub>	r ≈	w <sub>1</sub> ≈ Stroke	w <sub>2</sub> ≈ Adjustable range
110	22	140	51	78	36	8	10	15	5,5	63	16	12

**Specification**

- Steel **ST**
  - **GN 831.1**: zinc plated, blue passivated
  - **GN 831.2**: nickel plated
- Stainless Steel **NI**  
AISI 304
- *Stainless Steel characteristics* → Page 1489
- RoHS



**Information**

GN 831.1 toggle latches are used for the secure holding of flaps, container lids, machine coverings and similar applications. The clamping stroke exceeds the dead centre point which makes them vibration proof.

Due to the movement sequence of the mechanics in the clamping hook, components to be linked can be pulled towards each other over a distance of up to 15 mm. The adjustable range w<sub>2</sub> is achieved via a threaded spindle M6 on the clamping hook.

The loads specified in the above table are simply guide line values for a nominal static pulling force which the lock can withstand. Depending on the conditions under which these hook clamps are used such as vibration or shock loads, the pulling force can be adversely affected.

The catch bracket is included.

How to order (without safety catch)

<b>GN 831.1 - 110 - NI</b>	1	Size
	2	Material

How to order (with safety catch)

<b>GN 831.2 - 110 - ST</b>	1	Size
	2	Material