# Horizontal latch type toggle clamps

el for pulling action







2 Туре

T2 with U-bolt latch,

with catch

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Size	<b>F<sub>H</sub> in N</b> Holding capacity	а	b <sub>1</sub>	b <sub>2</sub>	b <sub>3</sub>	b <sub>4</sub>	<b>b</b> <sub>5</sub>	d <sub>1</sub>	d <sub>2</sub>	h <sub>1</sub> ≈	h <sub>2</sub>
160	1600	12	26	28	21	20	14	M 4	4,3	26	18
320	3200	16	40	44	32	28	22	M 6	6,5	30	25
700	7000	24	60	54	38	38	26	M 8	8,5	42	36
Size	l <sub>1</sub> ≈	<b>l<sub>2</sub></b> min.	<b>m</b> 1	m <sub>2</sub>	<b>m</b> <sub>3</sub>	m <sub>4</sub>	<b>m</b> 5	$\mathbf{r} \approx$ at $w_2 = 0$	S	₩1 Stroke	<b>W₂ ≈</b> Adjustable range
160	98	11	19	5	16	5	10	35	2	25	11
320	152	19	32	10,5	19	7	14,3	57	3	48	10
700	220	21	38	9,5	41,5	9,5	19	74	3,5	58	22

## Specification

#### Steel

- Case-hardened steel C10 zinc plated, blue passivated
- U-bolt latch Steel St 37 zinc plated, blue passivated
- Stainless Steel
- Parts in sheet metal / U-bolt latch AISI 304
- Pin
- AISI 303
- All moving parts
  lubricated with special grease
- Handle with plastic sleeve red, oil resistant
- Stainless Steel characteristics → Page 1489
- RoHS compliant

## Information

The stroke of the U-bolt latch of GN 851 latch type toggle clamps can be adjusted within its range.

In the clamped position the U-bolt latch with clamping arm is parallel to the plane of the operating handle.

In addition to the standard lengths for the U-bolt latch shown above, more lengths may be achieved by using series GN 951.1 square U-bolts.

### see also...

NI

- General information for toggle clamps → Page 500
- Square U-Bolts GN 951.1 → Page 560

How to order (Steel)	1	Size
GN 851-320-T2	2	Туре
How to order (Stainless Steel)		Size
1 2 3	2	Туре
GN 851-160-T2-NI	3	Material

without U-bolt latch, with catch



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1.2

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1.4



