



- 2** Type
- T3 With U-bolt latch, with catch
 - T Without U-bolt latch, with catch

Metric table

Dimensions in: millimeters - inches

Size	F _H Holding capacity	a ₁	a ₂	b ₁	b ₂	b ₃	b ₄	b ₅	d ₁ Thread	d ₂	h ₁	h ₂
160	1600 N 360 lbf	5 .20	25 .98	26 1.02	35 1.38	21 .83	25.5 1.00	14 .55	M 4	4.3 .17	37 1.46	10 .39
320	3200 N 719 lbf	8 .31	37 1.46	36 1.42	44 1.73	32 1.26	37 1.46	22 .87	M 6	6.5 .26	54 2.13	15 .59
700	7000 N 1574 lbf	13 .51	45 1.77	52 2.05	54 2.13	38 1.50	48.5 1.91	26 1.02	M 8	8.5 .33	67 2.64	23 .91

Size	l ₁ ≈	l ₂ min.	m ₁	m ₂	m ₃	m ₄	m ₅	r ≈ at w ₂ = 0	s	w ₁ Stroke	w ₂ ≈ Adjustable range
160	68 2.68	4.5 .18	22 .87	6.5 .26	13 .51	6.7 .26	14.3 .56	50 1.97	2 .08	34.5 1.36	12 .47
320	106 4.17	6 .24	25.5 1.00	8.5 .33	19 .75	10.5 .41	20.5 .81	78 3.07	3 .12	53 2.09	21 .83
700	147 5.79	8 .31	36.5 1.44	10 .39	32 1.26	13.5 .53	27 1.06	98 3.86	3.5 .14	68 2.68	30 1.18

Specification

- Toggle clamp
Steel —
Case-hardened steel C10
Zinc plated, blue passivated finish
- Sheet metal parts / U-bolt latch
Stainless steel **NI**
European Standard No. 1.4301 (AISI 304)
- U-bolt latch
Steel St 37
Zinc plated, blue passivated finish
- Pin
Stainless steel
European Standard No. 1.4305 (AISI 303)
- All moving parts lubricated with special grease
- Hand grip
High quality, oil resistant, red plastic
- RoHS compliant

Information

The stroke of the U-bolt latch of GN 851.1 latch type toggle clamps can be adjusted within its range. In the clamped position the U-bolt latch with clamping arm is perpendicular to the clamping arm and the plane of the operating handle. In addition to the standard lengths of the U-bolt latches shown in the table, a variety of other lengths are also available under the GN 951.1 series.

see also...

- General Information for Toggle Clamps
- Square U-Bolts GN 951.1 (Special Latch)

How to order (Steel)	
1	Size
GN 851.1-700-T3	
2	Type

How to order (Stainless steel)	
1	Size
2	Type
3	Material
GN 851.1-160-T3-NI	

