



Metric



2 Type

- T6** With mounting holes, with U-bolt latch, with catch
- T** With mounting holes, without U-bolt latch, with catch
- T6S** For welding, with U-bolt latch, with catch
- TS** For welding, 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	b ₆	b ₇	b ₈	d ₁ Thread	d ₂	d ₃	h ₁ ≈	h ₂
1700	17000 N 3822 lbf	22 .87	21 .83	68 2.68	64 2.52	46 1.81	48 1.89	28 1.10	26.5 1.04	38 1.50	17 .67	M 10	8.5 .33	14 .55	55 2.17	34.5 1.36
4000	40000 N 8992 lbf	28 1.10	27 1.06	85 3.35	80 3.15	55 2.17	60 2.36	34 1.34	32 1.26	50 1.97	20 .79	M 12	10.5 .41	16 .63	68 2.68	42.5 1.67

Size	l ₁ ≈		l ₂ min.	l ₃ ≈	m ₁	m ₂	m ₃	m ₄	m ₅	r ≈	s	t	w ₁ Stroke	w ₂ ≈ Adjustable range
	Type T6S / TS	Type T6 / T								at w ₂ = 0				
1700	218 8.58	223 8.78	33 1.30	129 5.08	45 1.77	11.5 .45	45 1.77	10 .39	28 1.10	96 3.78	7 .28	2 .08	54 2.13	15 .59
4000	266 10.47	271 10.67	30 1.18	151 5.94	57 2.24	14 .55	57 2.24	12.5 .49	35 1.38	107 4.21	9 .35	2 .08	62 2.44	25 .98

Specification

- Base, fixed catch and clamping arm
Steel C22
 - Forged
 - Black lacquered (Type T6 / T)
 - Blackened finish (Type T6S / TS)
- U-bolt latch and bearing bolt
Steel St 37
Zinc plated, blue passivated finish
- All moving parts lubricated with special grease
- RoHS compliant

Information

GN 852.3 latch type toggle clamps are compact in design and can be used to ensure high holding capacities.

The circular movement of the handle is transformed into linear action of the latch.

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

When the toggle clamp is clamped, a safety hook positively locks onto the body. This prevents inadvertent or vibration-induced release from the clamping position. Unlocking of the safety hook is achieved by one-hand operation.

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

In addition to the standard lengths of the U-bolt latch shown in the table, a variety of other lengths are also available under the GN 951.1 Square U-Bolts series.

see also...

- General Information for Toggle Clamps
- Square U-Bolts GN 951.2 (Special Latch)

How to order

GN852.3-1700-T6

1 Size

2 Type

