

GN 850.2

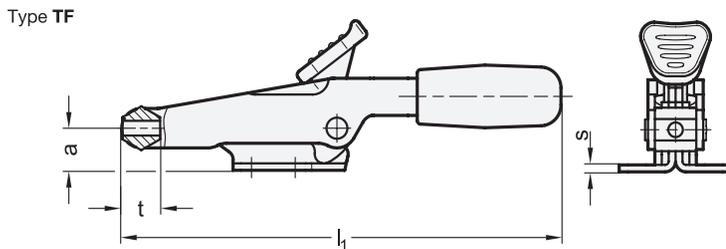
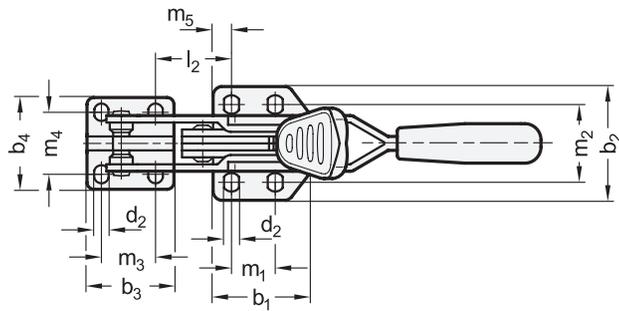
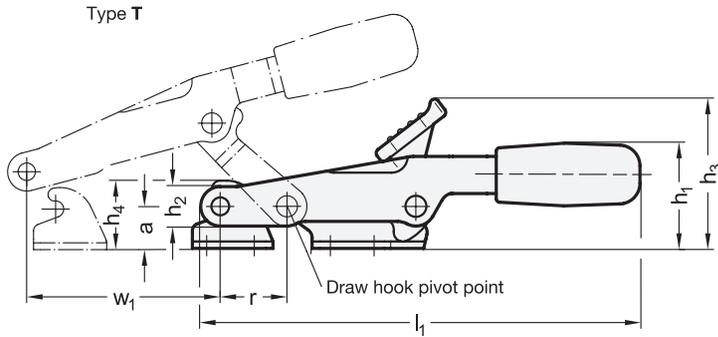
Steel / Stainless Steel

Latch Type Toggle Clamps

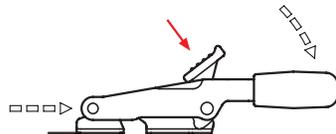
with Safety Hook, with Horizontal Mounting Base



JWWINCO
A Ganter Company



Operating principle



SS Stainless Steel

2 Type

- T** With draw axle, with catch
- TF** Without draw axle, without catch
- TG** With draw axle, with catch, with oval head latch bolt
- TT** With draw axle, with catch, with T-head latch bolt
- TU** With draw axle, with catch, with J-hook latch bolt

Specification

- Steel —
- Case-hardened steel C10
Zinc plated, blue passivated finish
- Draw hook
Steel St 37
Zinc plated, blue passivated finish
- Stainless steel AISI 304 **NI**
- All moving parts lubricated with special grease
- Hand grip
High quality, oil resistant red plastic
- *Stainless Steel Characteristics* → page 2143
- RoHS compliant

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Information

GN 850.2 latch type toggle clamps have a safety function whereby, during closing, a spring loaded safety hook latch ensures a secure locking connection. It prevents the inadvertent unlocking of the clamp due to vibrations or an accidental attempt of loosening / opening of the clamp. To open and release the clamp, pull up on the finger grip to disengage the safety hook latch mechanism (one hand operation).

They are especially suited for rapid closing and mounting of lids, flaps and molds.

During clamping, the pivoting movement of the operating handle is transformed into an axial movement of the draw axle / draw hook and ensures a form-fit holding.

Type T toggle clamps are equipped with a draw axle firmly attached to the clamping arm. Type TF can be used for specific applications by attaching individual latch bolts. Latch bolts of type TG, TT and TU latch type toggle clamps can be adjusted along the adjustable range w_2 .

How to order (Steel)	1	Size
	2	Type
GN 850.2-1000-TU		
How to order (Stainless steel)	1	Size
	2	Type
	3	Material
GN 850.2-500-TT-NI		

Metric table

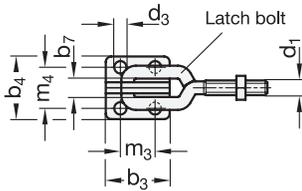
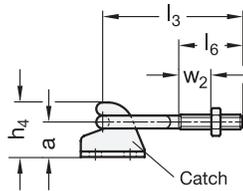


Dimensions in: millimeters - inches

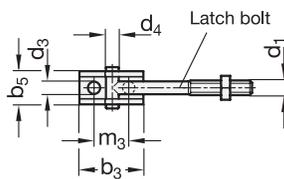
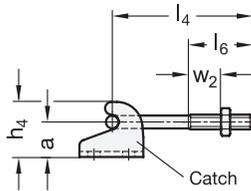
Size	F _H Holding capacity	a	b ₁	b ₂	b ₃	b ₄	b ₅	b ₆	b ₇	d ₁	d ₂	d ₃	d ₄	d ₅	h ₁ ≈	h ₂	h ₃	h ₄	h ₅
500	5000 N 1124 lbf	19 0.75	50 1.97	49 1.93	35 1.38	34 1.34	18 0.71	38 1.50	10 0.39	M 8	6.5 0.26	6.7 0.26	7 0.28	8 0.31	45 1.77	17 0.67	65 2.56	30 1.18	28 1.10
1000	10000 N 2248 lbf	28 1.10	61 2.40	63 2.48	50 1.97	41 1.61	26 1.02	50 1.97	11 0.43	M 10	8.5 0.33	8.5 0.33	9 0.35	10 0.39	56 2.20	20 0.79	74 2.91	40.5 1.59	39 1.54

Size	l ₁ ≈	l ₂ ≈	l ₃ ≈ Type TG	l ₄ ≈ Type TT	l ₅ ≈ Type TU	l ₆	m ₁	m ₂	m ₃	m ₄	m ₅	m ₆	r ≈	s	t	w ₁ Stroke	w ₂ ≈ Adjustable range
500	197 7.76	33 1.30	76.5 3.01	76.5 3.01	76.5 3.01	34 1.34	19 0.75	33.5 1.32	19 0.75	22.3 0.88	8 0.31	25.4 1.00	35 1.38	3 0.12	16 0.63	83 3.27	8 0.31
1000	242 9.53	34 1.34	95.5 3.76	93 3.66	93 3.66	42 1.65	32 1.26	45 1.77	31 1.22	25.4 1.00	8 0.31	31 1.22	45 1.77	4 0.16	19 0.75	110 4.33	12 0.47

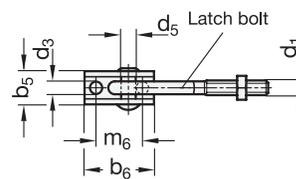
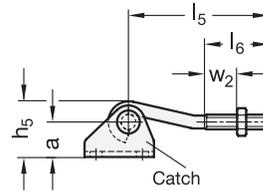
Type TG
Oval head latch bolt



Type TT
T-head latch bolt



Type TU
J-hook latch bolt



1.1
1.2
1.3
1.4
2.1
2.2
2.3
2.4

