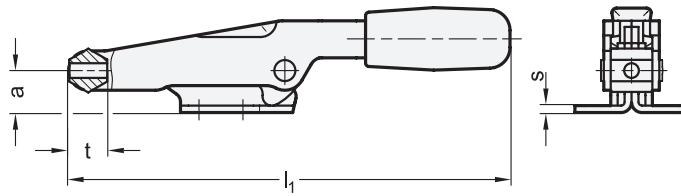
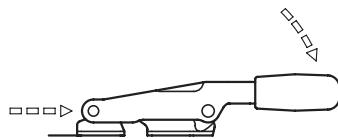


Type TF



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 3
 - 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*

Information

GN 850.1 latch type toggle clamps 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 .

see also...

- *General Information on Toggle Clamps* → page 756

How to order (Steel) GN 850.1-500-TF	1 Size
	2 Type

How to order (Stainless steel) GN 850.1-1000-TG-NI	1 Size
	2 Type
	3 Material

Metric table

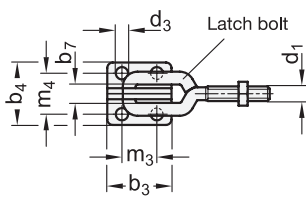
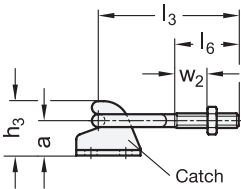


Dimensions in: millimeters - inches

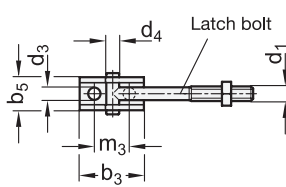
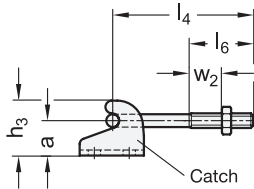
Size	F _H Holding capacity	a	b ₁	b ₂	b ₃	b ₄	b ₅	b ₆	b ₇	d ₁	d ₂	d ₃	d ₄	d ₅	h ₁ ≈	h ₂	h ₃	h ₄
500	5000 N 1124 lbf	19 0.75	50 1.97	49 1.93	35 1.38	34 1.34	18 0.71	38 1.50	10 0.39	M 8	6.5 0.26	6.7 0.26	7 0.28	8 0.31	45 1.77	17 0.67	30 1.18	28 1.10
1000	10000 N 2248 lbf	28 1.10	61 2.40	63 2.48	50 1.97	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	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

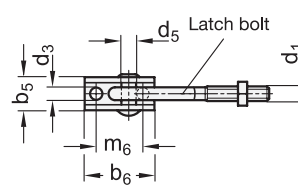
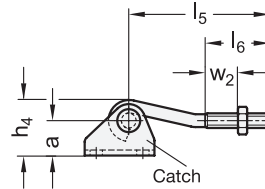
Type **TG**
Oval head latch bolt



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

