

Latch Type Toggle Clamps

Steel / Stainless Steel, for Pulling Action

SPECIFICATION

Types

- Type **T**: With draw axle
- Type **TF**: With draw hook

Tensioning mechanism

- Steel **ST**
 - Sheet metal parts
 - Case-hardened steel C10, zinc plated, blue passivated
 - Bearing pins tempered
 - Bearing rivets case hardened
- Stainless steel AISI 304 **NI**
- Moving parts lubricated with special grease

Draw hook

- Steel St 37 for ST
- Zinc plated, blue passivated
- Stainless steel AISI 301 for NI

Handle

Plastic
Red, oil resistant



INFORMATION

Latch type toggle clamps GN 850 are suited for rapid closing and fastening of lids, covers and molds.

During clamping, the pivoting motion of the clamping lever is transformed into an axial movement of the draw axle or draw hook and ensures a form-fit hold.

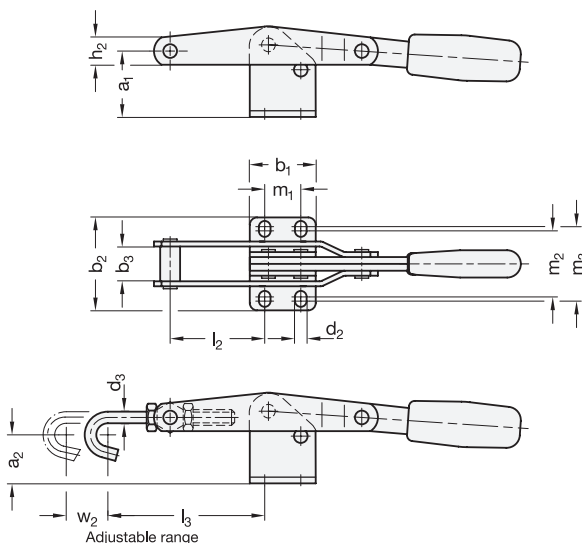
Latch type toggle clamps of type T are equipped with a draw axle firmly attached to the clamping arm. Type TF has a draw hook that can be adjusted within the adjustable range w_2 . The draw hook is supplied unmounted.

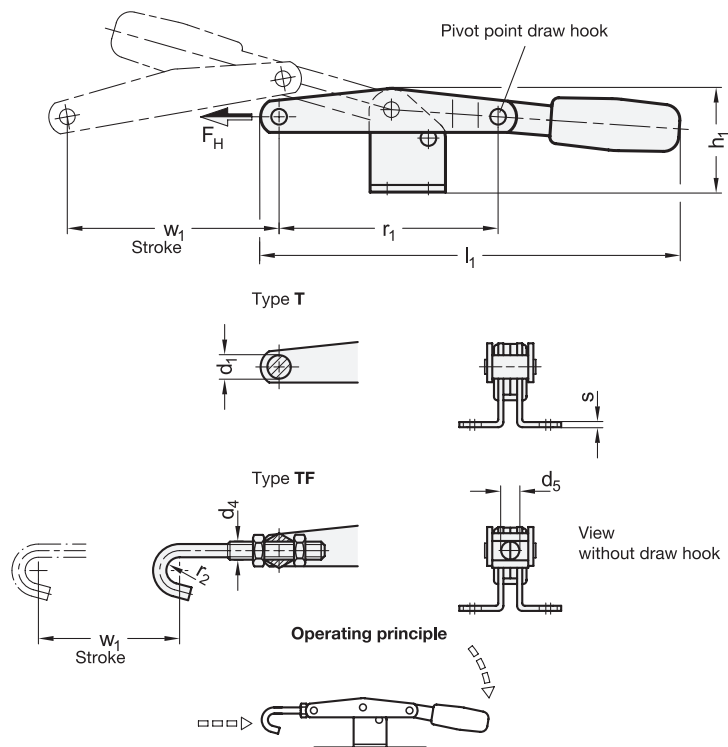
ON REQUEST

- without draw hook (Type TFN)

TECHNICAL INFORMATION

- General Information for Toggle Clamps (see page 1560)
- Stainless Steel Characteristics (see page A26)





GN 850-ST

Description	Size	F _H Holding capacity in N	a1	a2	b1	b2	b3	d1	d2	d3	d4	d5	h1 ≈	h2	l1 ≈	l2 ≈	l3 ≈	m1	m2	m3	r1 ≈	r2	s	W1 Stroke	W2 ≈ Adjustable range	
GN 850-160-T-ST	160	1400	30	-	35	42	14	8	5.5	-	-	6.3	40	13	176	44	-	16	27.5	28.5	85	-	2.5	87	-	207
GN 850-160-TF-ST	160	1400	30	25	35	42	14	8	5.5	5.2	M 6	6.3	40	13	176	44	81	16	27.5	28.5	85	3.2	2.5	87	20	239
GN 850-220-T-ST	220	2400	37	-	41	45	18	10	6.5	-	-	8.3	49	16	200	51	-	19	31.5	32.5	99	-	3	97	-	342
GN 850-220-TF-ST	220	2400	37	29	41	45	18	10	6.5	7.1	M 8	8.3	49	16	200	51	95	19	31.5	32.5	99	5	3	97	21	402
GN 850-320-T-ST	320	3600	35	-	48	60	21	10	8.5	-	-	10.3	49	20	225	51	-	32	44.5	45.5	105	-	3	100	-	505
GN 850-320-TF-ST	320	3600	35	25	48	60	21	10	8.5	8.8	M 10	10.3	49	20	225	51	97	32	44.5	45.5	105	6	3	100	23.5	626
GN 850-420-T-ST	420	4800	44	-	54	84	26	14	10.5	-	-	10.3	60.5	25	275	58	-	28.5	59.75	61.25	138	-	5	155	-	1070
GN 850-420-TF-ST	420	4800	44	34	54	84	26	14	10.5	8.8	M 10	10.3	60.5	25	275	58	107.5	28.5	59.75	61.25	138	6	5	155	19.5	1210

GN 850-NI

STAINLESS STEEL

Description	Size	F _H Holding capacity in N	a1	a2	b1	b2	b3	d1	d2	d3	d4	d5	h1 ≈	h2	l1 ≈	l2 ≈	l3 ≈	m1	m2	m3	r1 ≈	r2	s	W1 Stroke	W2 ≈ Adjustable range	
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