

Latch type toggle clamps

with locking mechanism

SPECIFICATION

Туре

- Type **T5**: with fixing holes (d2)

Steel forged / precision die casting chemically blackened

Bearing pins steel hardened and ground

All moving parts

lubricated with special grease Hand grip

High quality, oil resistant red plastic

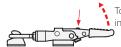
INFORMATION

GN 858 latch type toggle clamps are used when very high retaining forces are required.

The latch type clamp also features a locking mechanism which prevents the inadvertent or vibration-induced opening of the clamp. Another benefit of this clamp is the ability to operate it with one hand. Catch is included.

- General information for toggle clamps (see page 1560)

DESCRIPTION OF FUNCTION (FOR ONE-HAND OPERATION)



To **release**, move the locking mechanism in the direction of the arrow.



Lift the lever arm until the latch bolt is disengaged from the catch.



Moving the lever arm back will lift the latch bolt and release the catch (one-hand operation).



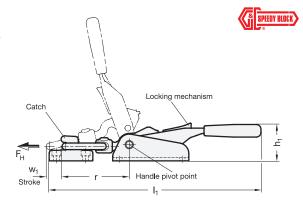
For **clamping**, lift the lever arm until the latch bolt rests against the catch.

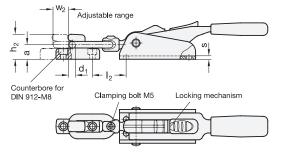


The latch bolt engages with the catch if the locking mechanism is moved upward during clamping.

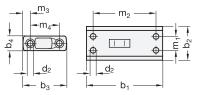
When clamping in the end position, the mechanism locks automatically through spring tension.







Dimensions of installation (Top view)



GN 858

Description	Size	FH in N	а	b1	b2	b 3	b4	d1	d2	h1	h2	l1 ≈	l2 min.	m1	m2	m3	m4	r≈	s	w1	w2	7.7
GN 858-1400-T5	1400	15000	22	115	51.5	66	22	10	8.5	57	38	318	47	21	95	11	44	97.5	5	24	22	1633