

## Latch type toggle clamps

Steel / Stainless Steel, heavy duty type

### SPECIFICATION

#### Types

- Type **T2**: with mounting holes, with U-bolt latch, with catch
- Type **T**: with mounting holes, without U-bolt latch, with catch
- Type **T2S**: for welding, with U-bolt latch, with catch
- Type **TS**: for welding, without U-bolt latch, with catch

#### Version in Steel

Body / catch / clamping lever  
Steel C22

- forged
- black lacquered (Type T2 / T)
- blackened (Type T2S / TS)

U-bolt latch / bearing pin

Steel St 37

zinc plated, blue passivated

All moving parts

lubricated with special grease

#### Version in Stainless Steel NI

Body / catch / clamping lever / U-bolt latch

Stainless Steel AISI 304

forged

Other parts

Stainless Steel AISI 303

All moving parts

lubricated with special grease

### TECHNICAL INFORMATION

- Stainless Steel characteristics (see page A26)



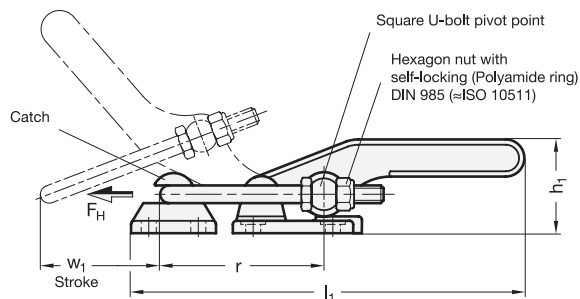
### INFORMATION

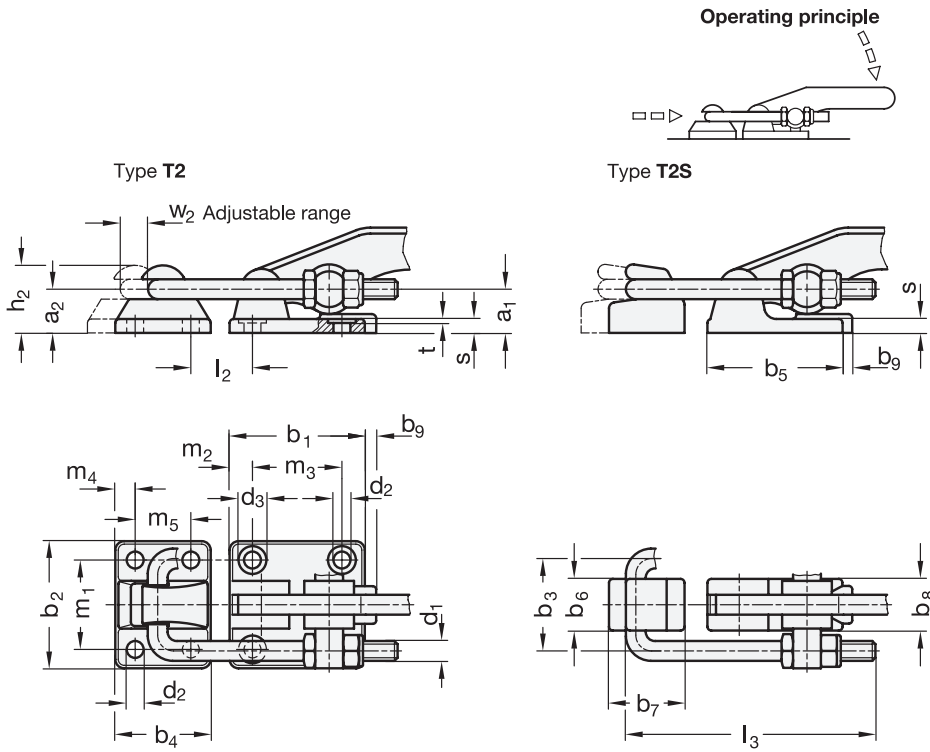
GN 852 heavy duty latch type toggle clamps are used for very high holding forces as may be required in plastic high pressure mold forming.

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

In addition to the standard lengths of the U-bolt latches shown in the table, a variety of other lengths are also available under the GN 951.2 series (see page 1605).

- General information for toggle clamps (see page 1560)





GN 852

Description	Size	FH in N	a1	a2	b1	b2	b3	b4	b5	b6	b7	b8	b9	d1	d2	d3	h1 ≈	h2	l1 ≈	l2 min.	l3 ≈	m1	m2	m3	m4	m5	r ≈	s1	s2	t	w1	w2 ≈	⚖
GN 852-1700-T	1700	17000	-	-	68	64	46	48	-	-	-	28	6	M10	8.5	14	55	34.5	223	33	129	45	11.5	45	10	28	96	7	-	2	54	15	954
GN 852-4000-T	4000	40000	-	-	85	80	55	60	-	-	-	32	-	M12	10.5	16	65	42.5	265	32.1	151	57	14	57	12.5	35	117	9	-	2	78	15	1700
GN 852-1700-T2	1700	17000	22	21	68	64	46	48	-	-	-	28	6	M10	8.5	14	55	34.5	223	33	129	45	11.5	45	10	28	96	7	-	2	54	15	1100
GN 852-4000-T2	4000	40000	28	27	85	80	55	60	-	-	-	32	-	M12	10.5	16	65	42.5	265	32.1	151	57	14	57	12.5	35	117	9	-	2	78	15	2000
GN 852-1700-TS	1700	17000	-	-	-	-	46	-	68	26.5	38	28	6	M10	-	-	55	34.5	218	-	129	-	-	-	-	-	96	-	7	-	54	15	225
GN 852-4000-TS	4000	40000	-	-	-	-	55	-	80	32	50	32	-	M12	-	-	65	42.5	265	-	151	-	-	-	-	117	-	12.7	-	78	15	1433	
GN 852-1700-T2S	1700	17000	22	21	-	-	46	-	68	26.5	38	28	6	M10	-	-	55	34.5	218	-	129	-	-	-	-	96	-	7	-	54	15	900	
GN 852-4000-T2S	4000	40000	28	27	-	-	55	-	80	32	50	32	-	M12	-	-	65	42.5	265	-	151	-	-	-	-	117	-	12.7	-	78	15	1500	

GN 852-NI

STAINLESS STEEL

Description	Size	FH in N	a1	a2	b1	b2	b3	b4	b5	b6	b7	b8	b9	d1	d2	d3	h1 ≈	h2	l1 ≈	l2 min.	l3 ≈	m1	m2	m3	m4	m5	r ≈	s1	s2	t	w1	w2 ≈	⚖
GN 852-1700-T-NI	1700	17000	-	-	68	64	46	48	-	-	-	28	6	M10	8.5	14	55	34.5	223	33	129	45	11.5	45	10	28	96	7	-	2	54	15	900
GN 852-4000-T-NI	4000	30000	-	-	85	80	55	60	-	-	-	32	-	M12	10.5	16	65	42.5	265	32.1	151	57	14	57	12.5	35	117	9	-	2	78	15	1851
GN 852-1700-T2-NI	1700	17000	22	21	68	64	46	48	-	-	-	28	6	M10	8.5	14	55	34.5	223	33	129	45	11.5	45	10	28	96	7	-	2	54	15	1100
GN 852-4000-T2-NI	4000	30000	28	27	85	80	55	60	-	-	-	32	-	M12	10.5	16	65	42.5	265	32.1	151	57	14	57	12.5	35	117	9	-	2	78	15	2115
GN 852-1700-TS-NI	1700	17000	-	-	-	-	46	-	68	26.5	38	28	6	M10	-	-	55	34.5	218	-	129	-	-	-	-	-	96	-	7	-	54	15	756
GN 852-4000-TS-NI	4000	30000	-	-	-	-	55	-	80	32	50	32	-	M12	-	-	65	42.5	265	-	151	-	-	-	-	117	-	12.7	-	78	15	1421	
GN 852-1700-T2S-NI	1700	17000	22	21	-	-	46	-	68	26.5	38	28	6	M10	-	-	55	34.5	218	-	129	-	-	-	-	96	-	7	-	54	15	900	
GN 852-4000-T2S-NI	4000	30000	28	27	-	-	55	-	80	32	50	32	-	M12	-	-	65	42.5	265	-	151	-	-	-	-	117	-	12.7	-	78	15	1670	

