

SS Stainless Steel

2 Type

- T5** Without latch bolt, without catch
- TG** With oval head latch bolt, with catch
- TT** With T-head latch bolt, with catch
- TU** With J-hook latch bolt, with catch

Metric table

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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 Thread	d ₂	d ₃	d ₄	d ₅	h ₁ ≈
160	1750 N 393 lbf	13 0.51	26 1.02	28 1.10	23 0.91	14 0.55	26 1.02	35 1.38	6.8 0.27	M 6	4.5 0.18	4.5 0.18	5.2 0.20	6 0.24	27 1.06
320	4000 N 899 lbf	19 0.75	40 1.57	44 1.73	34 1.34	18 0.71	35 1.38	38 1.50	10 0.39	M 8	6.7 0.26	6.7 0.26	7 0.28	8 0.31	38.5 1.52
700	7500 N 1686 lbf	28 1.10	60 2.36	54 2.13	41 1.61	26 1.02	50 1.97	50 1.97	11 0.43	M 10	8.5 0.33	8.5 0.33	9 0.35	10 0.39	53 2.09

Size	h ₂	h ₃	l ₁ ≈	l ₂ ≈ Type TG	l ₃ ≈ Type TT	l ₄ ≈ Type TU	l ₅	l ₆	m ₁	m ₂	m ₃	m ₄	m ₅	s	w Stroke
160	20 0.79	20.5 0.81	103 4.06	55 2.17	55 2.17	54 2.13	28 1.10	30 1.18	19 0.75	16 0.63	16 0.63	14.3 0.56	25.4 1.00	2 0.08	8 0.31
320	30 1.18	28 1.10	153 6.02	76.5 3.01	76.5 3.01	76.5 3.01	34 1.34	44.5 1.75	32 1.26	19 0.75	19 0.75	22.3 0.88	25.4 1.00	3 0.12	13 0.51
700	40.5 1.59	39 1.54	222 8.74	95.5 3.76	93 3.66	92 3.62	42 1.65	51 2.01	38 1.50	41.5 1.63	31 1.22	25.4 1.00	31 1.22	3.5 0.14	19 0.75

Specification

3

- Parts in sheet metal
Stainless steel AISI 304 **NI**
- Latch bolt
Stainless steel AISI 304
- All moving parts lubricated with special grease
- Hand grip
High quality, oil resistant red plastic
- *Stainless Steel Characteristics* → page 2143
- **RoHS compliant**

Information

GN 853 stainless steel latch type toggle clamps feature a push button safety locking mechanism that prevents the inadvertent or vibration-induced opening of the clamp.

Another benefit is the option of operating the clamp with one hand.

see also...

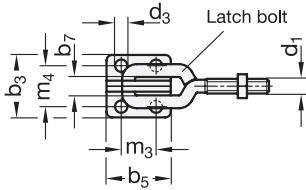
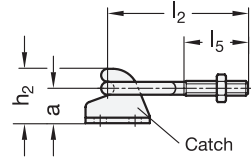
- *Latch Type Toggle Clamps GN 853 (Steel, Blackened Finish)* → page 826

How to order

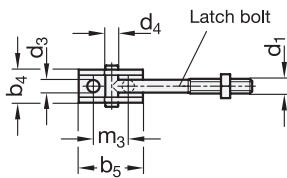
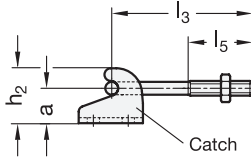
GN 853-320-T5-NI

1	Size
2	Type
3	Material

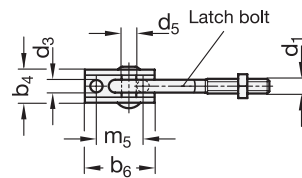
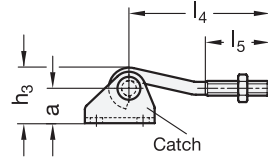
Type **TG**
Oval head latch bolt



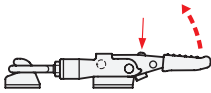
Type **TT**
T-head latch bolt



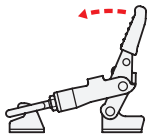
Type **TU**
J-hook latch bolt



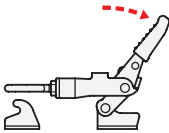
Description of function (for one-hand operation)



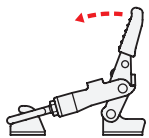
Press the release button for **releasing**.



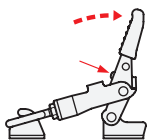
Lift the clamping arm until the latch bolt disengages from the catch.



Retracting the clamping arm will lift the latch bolt and release the catch (one-hand operation).



For **clamping operation**, lift the clamping arm until it rests on the catch.



The clamping arm engages in the catch if the release button is pressed for the clamping operation. When clamping in the end position, the system locks automatically by spring force.

1.1
1.2
1.3
1.4
2.1
2.2
2.3
2.4

