

GN 761

without Safety Mechanism

GN 761.1

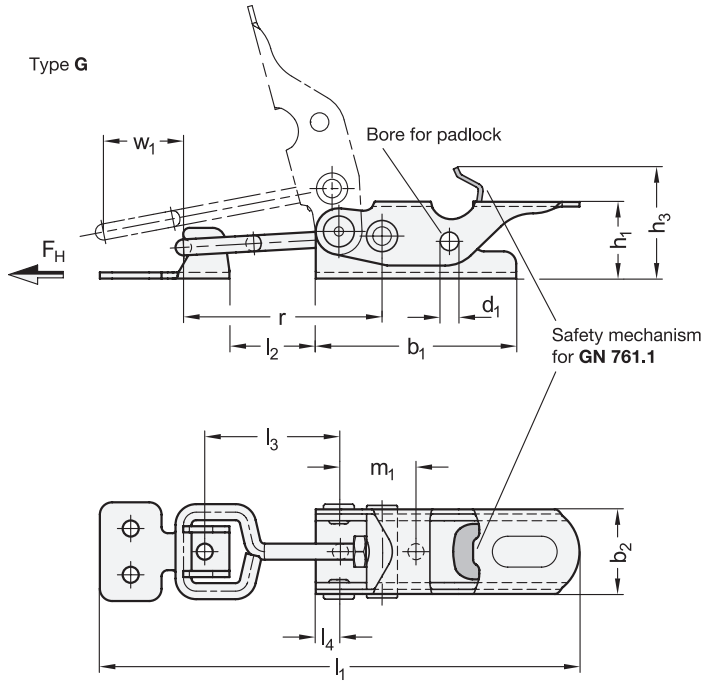
with Safety Mechanism

Toggle Latches

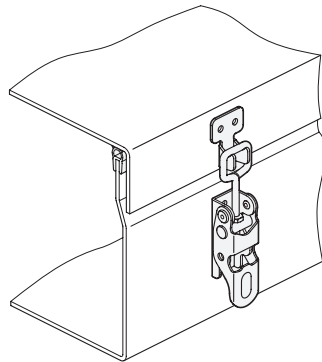
Steel / Stainless Steel



JWWINCO
A Ganter Company



Application example



Metric



SS Stainless Steel

2 Type

- G Oval head latch bolt, with catch
- T T-head latch bolt, with catch

Specification

- Steel, zinc plated, blue passivated finish **ST**
- Stainless steel AISI 304 **NI**
- *Stainless Steel Characteristics* → page 2143
- **RoHS compliant**

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Information

GN 761 and GN 761.1 toggle latches are particularly suitable for rapid closing and mounting of flaps, container lids, and boxes.

When the operating lever is closed, the eccentric configuration of the bolt shaft causes the latch bolt to move towards the catch. At the end of the lever movement, the bolt shaft has exceeded the eccentric dead center point and thus automatically keeps the toggle latch closed.

For GN 761.1 toggle latches with safety mechanism, a safety hook snaps firmly into the base body when the operating lever is closed. This prevents an inadvertent or vibration-induced release from the clamping position. To open the latch, the safety hook can be unlocked with one hand.

The latch bolts of the toggle latches can be adjusted within the adjustable range w_2 . The catch is included.

How to order (Without safety mechanism)

1 2 3
GN 761-100-G-ST

- | | |
|---|----------|
| 1 | Size |
| 2 | Type |
| 3 | Material |

How to order (With safety mechanism)

1 2 3
GN 761.1-200-T-NI

- | | |
|---|----------|
| 1 | Size |
| 2 | Type |
| 3 | Material |

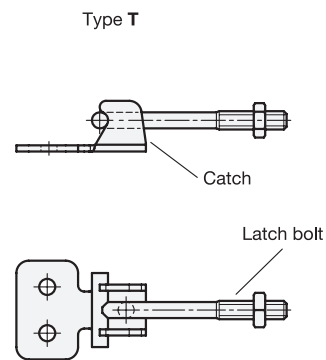
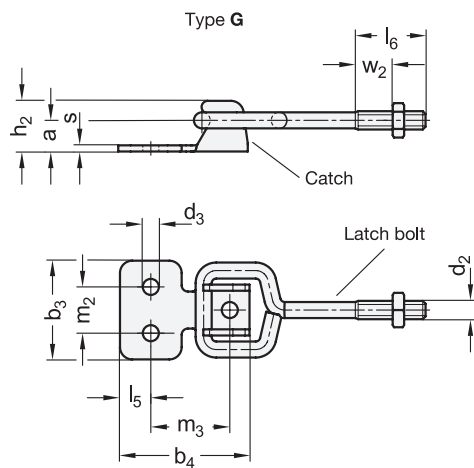
Metric table



Dimensions in: millimeters - inches

Size	F _H Holding capacity	a	b ₁	b ₂	b ₃	b ₄	d ₁	d ₂ Thread	d ₃	h ₁	h ₂	h ₃
100	1000 N 225 lbf	8.3 0.33	52.5 2.07	21.5 0.85	24 0.94	29 1.14	5 0.20	M 5	4.2 0.17	18 0.71	13.3 0.52	25 0.98
200	2000 N 450 lbf	10 0.39	65 2.56	27.5 1.08	32 1.26	42 1.65	6 0.24	M 6	5.2 0.20	25 0.98	16.4 0.65	33 1.30
300	3000 N 674 lbf	12.7 0.50	81.5 3.21	31.5 1.24	38 1.50	52 2.05	8 0.31	M 8	6.2 0.24	32 1.26	20.7 0.81	41.5 1.63

Size	l ₁	l ₂ min.	l ₃ min.	l ₄	l ₅	l ₆	m ₁	m ₂	m ₃	r ≈ at w ₂ = 0	s	w ₁ Stroke	w ₂ Adjustable range
100	117.5 4.63	22 0.87	34.5 1.36	6.5 0.26	5.5 0.22	20 0.79	20 0.79	13 0.51	17.5 0.69	51 2.01	1.5 0.06	12 0.47	7 0.28
200	155.5 6.12	28 1.10	44 1.73	8 0.31	10 0.39	25 0.98	24.5 0.96	15 0.59	24 0.94	64 2.52	2 0.08	14 0.55	11 0.43
300	189.5 7.46	33 1.30	54 2.13	11 0.43	12.5 0.49	30 1.18	30 1.18	20 0.79	29.5 1.16	79.5 3.13	2.5 0.10	18 0.71	12.5 0.49



1.1
1.2
1.3
1.4
2.1
2.2
2.3
2.4

