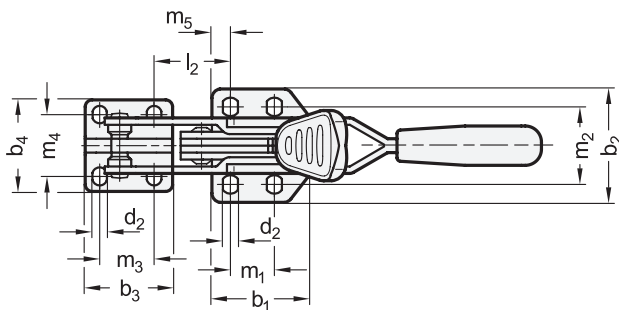


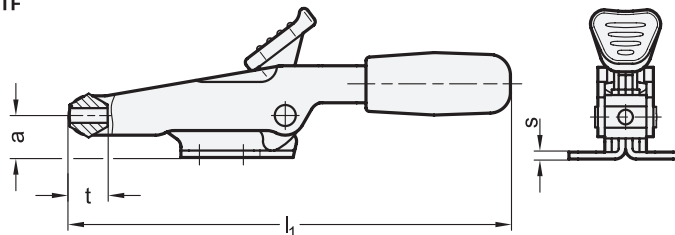
ROSTFREI  
Inox  
Stainless  
Steel

**2 Type**

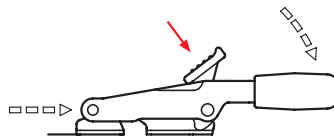
- T** With draw axle, with catch
- TF** Without draw axle, without catch
- TG** With draw axle, with catch, with oval head latch bolt
- TT** With draw axle, with catch, with T-head latch bolt
- TU** With draw axle, with catch, with J-hook latch bolt



Type TF



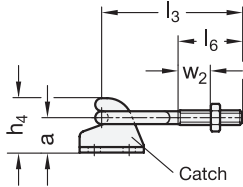
**Operating principle**



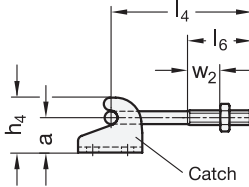
| Size | F <sub>H</sub> in N<br>Holding capacity | a  | b <sub>1</sub> | b <sub>2</sub> | b <sub>3</sub> | b <sub>4</sub> | b <sub>5</sub> | b <sub>6</sub> | b <sub>7</sub> | d <sub>1</sub> | d <sub>2</sub> | d <sub>3</sub> | d <sub>4</sub> | d <sub>5</sub> | h <sub>1</sub> ≈ | h <sub>2</sub> | h <sub>3</sub> | h <sub>4</sub> | h <sub>5</sub> |
|------|---|----|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|------------------|----------------|----------------|----------------|----------------|
| 500  | 5000                                    | 19 | 50             | 49             | 35             | 34             | 18             | 38             | 10             | M 8            | 6,5            | 6,7            | 7              | 8              | 45               | 17             | 65             | 30             | 28             |
| 1000 | 10000                                   | 28 | 61             | 63             | 50             | 41             | 26             | 50             | 11             | M 10           | 8,5            | 8,5            | 9              | 10             | 56               | 20             | 74             | 40,5           | 39             |

| Size | l <sub>1</sub> ≈ | l <sub>2</sub> ≈ | l <sub>3</sub> ≈<br>Type TG | l <sub>4</sub> ≈<br>Type TT | l <sub>5</sub> ≈<br>Type TU | l <sub>6</sub> | m <sub>1</sub> | m <sub>2</sub> | m <sub>3</sub> | m <sub>4</sub> | m <sub>5</sub> | m <sub>6</sub> | r ≈ | s | t  | w <sub>1</sub><br>Stroke | w <sub>2</sub> ≈<br>Adjustable range |
|------|------------------|------------------|-----------------------------|-----------------------------|-----------------------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|-----|---|----|--------------------------|--------------------------------------|
| 500  | 197              | 33               | 76,5                        | 76,5                        | 76,5                        | 34             | 19             | 33,5           | 19             | 22,3           | 8              | 25,4           | 35  | 3 | 16 | 83                       | 8                                    |
| 1000 | 242              | 34               | 95,5                        | 93                          | 93                          | 42             | 32             | 45             | 31             | 25,4           | 8              | 31             | 45  | 4 | 19 | 110                      | 12                                   |

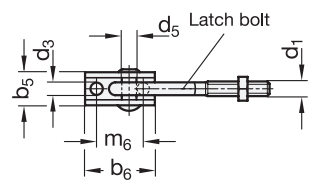
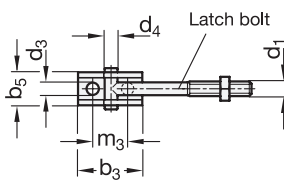
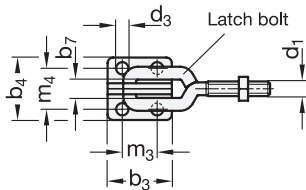
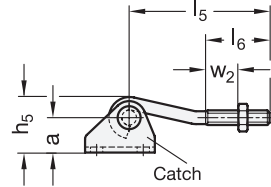
Type **TG**  
Oval head latch bolt



Type **TT**  
T-head latch bolt



Type **TU**  
J-hook latch bolt



**Specification**

- Steel
- Case-hardened steel C10
- Stainless steel
- Zinc plated, blue passivated
- Draw hook
- Steel St 37
- Zinc plated, blue passivated
- Stainless steel AISI 304
- All moving parts
- Lubricated with special grease
- Solid designed plastic handle
- Red, oil resistant
- *Stainless Steel Characteristics* → Page 2166
- RoHS



**Information**

Latch type toggle clamps GN 850.2 have a safety function whereby, during closing, a spring loaded safety hook latch ensures a secure locking connection. It prevents the inadvertent unlocking of the clamp due to vibrations or an accidental attempt of loosening / opening of the clamp. To open and release the clamp, pull up on the finger grip to disengage the safety hook latch mechanism (one hand operation).

They are especially suited for rapid closing and fastening of lids, flaps and molds.

During clamping, the pivoting movement of the clamping lever is transformed into an axial movement of the tension axis / tension hook and ensures form-fitting retention.

Latch type toggle clamps of type T are equipped with a tension axis firmly attached to the clamping arm. Type TF can be used for specific applications by attaching individual latch bolts. Latch bolts for latch type toggle clamps of types TG, TT and TU can be adjusted along the adjustment dimension  $w_2$ .

see also...

- *General Information for Toggle Clamps* → Page 698
- *Toggle Clamps GN 850.1 (Steel / Stainless Steel)* → Page 752

|                         |        |
|-------------------------|--------|
| How to order (Steel)    | 1 Size |
| <b>GN 850.2-1000-TU</b> | 2 Type |

|                                |            |
|--------------------------------|------------|
| How to order (Stainless steel) | 1 Size     |
| <b>GN 850.2-500-TT-NI</b>      | 2 Type     |
|                                | 3 Material |