



**2 Type**

- T6** With mounting holes, with U-bolt, with catch
- T** With mounting holes, without U-bolt, with catch
- T6S** For welding, with U-bolt, with catch
- TS** For welding, without U-bolt, with catch



| Size | F <sub>H</sub><br>Holding capacity in N |                 | a <sub>1</sub> | a <sub>2</sub> | 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> | b <sub>8</sub> | d <sub>1</sub> | d <sub>2</sub> | d <sub>3</sub> | h <sub>1</sub> ≈ | h <sub>2</sub> |
|------|---|-----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|------------------|----------------|
|      | Steel                                   | Stainless steel |                |                |                |                |                |                |                |                |                |                |                |                |                |                  |                |
| 1700 | 17000                                   | 14000           | 22             | 21             | 68             | 64             | 46             | 48             | 28             | 26,5           | 38             | 17             | M 10           | 8,5            | 14             | 55               | 34,5           |
| 4000 | 40000                                   | 30000           | 28             | 27             | 85             | 80             | 55             | 60             | 34             | 32             | 50             | 20             | M 12           | 10,5           | 16             | 68               | 42,5           |

| Size | l <sub>1</sub> ≈ |             | l <sub>2</sub> min. | l <sub>3</sub> ≈ | m <sub>1</sub> | m <sub>2</sub> | m <sub>3</sub> | m <sub>4</sub> | m <sub>5</sub> | r ≈<br>for w <sub>2</sub> = 0 | s | t | w <sub>1</sub><br>Stroke | w <sub>2</sub> ≈<br>Adjustable range |
|------|------------------|-------------|---------------------|------------------|----------------|----------------|----------------|----------------|----------------|-------------------------------|---|---|--------------------------|--------------------------------------|
|      | Type T6S / TS    | Type T6 / T |                     |                  |                |                |                |                |                |                               |   |   |                          |                                      |
| 1700 | 218              | 223         | 33                  | 129              | 45             | 11,5           | 45             | 10             | 28             | 96                            | 7 | 2 | 54                       | 15                                   |
| 4000 | 266              | 271         | 30                  | 151              | 57             | 14             | 57             | 12,5           | 35             | 107                           | 9 | 2 | 62                       | 25                                   |

**Specification**

**Steel**

- Body / Catch / Clamping lever  
Steel C22, forged  
- Black lacquered for Type T6 / T  
- Blackened for Type T6S / TS
- Square U-bolt / Bearing pin  
Steel ST 37  
Zinc plated, blue passivated

**Stainless steel**

**NI**

- Body / Catch / Clamping lever / Bearing pin  
Werkstoff AISI 304, forged
- Other parts  
Stainless steel AISI 303

**Moving parts**

lubricated with special grease

RoHS

**Accessory**

**Page**

GN 951.2 Square U-Bolts QVX



Latch type toggle clamps GN 852.3 are compact in design and can be used to ensure high holding capacities.

When closing the spanner, a safety hook positively locks onto the body. This prevents the inadvertent or vibration-induced release from the clamping position. To open the safety hook it is unlocked per one-hand operation. The stroke of the square U-bolt can be adjusted within its range.

In addition to the standard lengths of the square U-bolt shown above, more lengths may be achieved by using series GN 951.2.

**Technical Information**

**Page**

Operating Principle Toggle Lever / Overview of Toggle Clamp Types QVX

Stainless Steel Characteristics QVX

How to order (Steel)

**GN 852.3-1700-T6**

**1** Size

**2** Type

How to order (Stainless steel)

**GN 852.3-4000-TS-NI**

**1** Size

**2** Type

**3** Material

