



SS Stainless Steel

2 Type

- A** U-bar version, with two flanged washers
- C** U-bar version, with two flanged washers and GN 708.1 spindle assembly
- E** Solid bar version, with weldable clasp

Specification

- Toggle clamp Case-hardened steel C10 —
- Zinc plated, blue passivated finish
- Tempered bearing pins
- Case-hardened bearing rivets (for size 230 and up)
- Stainless steel AISI 304 **NI**
- All moving parts lubricated with special grease
- Hand grip High quality, oil resistant red plastic
- Spindle assembly GN 708.1, Type A → page 858
- Steel, zinc plated, blue passivated finish / Stainless steel AISI 304
- Rubber tip 85 shore A
- RoHS compliant

Information

GN 810 vertical acting toggle clamps work according to the toggle principle: lever and clamping bar move in the same direction. In the clamped position the operating lever is in its vertical position.

Vertical acting toggle clamps in the U-bar version with two flanged washers (Type A) can accommodate an application specific clamping screw. A spindle assembly with neoprene rubber tip is also included for Type C.

Type E version can either be utilized by welding the clasp which can then accommodate an application specific hold-down fastener component.

see also...

- *General Information on Toggle Clamps* → page 756
- *Vertical Acting Toggle Clamps GN 810.10 (Heavy Duty Type „Longlife“)* → page 770
- *Vertical Acting Toggle Clamps GN 810.1 (with Vertical Mounting Base)* → page 760

Accessory

- Spindle assemblies → starting from page 856
- Clamp mounts GN 801 (for type A) → www.jwwinco.com
- Clamping arm extenders GN 801.1 (for type A) → page 860
- Clamping arm extenders GN 801.2 (for type A) → page 861
- Clamping arm extenders GN 809.1 (for type E) → page 862

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|----------------------|--------|
| How to order (Steel) | 1 Size |
| GN810-75-E | 2 Type |

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|--------------------------------|------------|
| How to order (Stainless steel) | 1 Size |
| GN810-75-A-NI | 2 Type |
| | 3 Material |

Universal table

Dimensions in: millimeters - inches

| Size | Steel | Stainless steel | F _H Holding capacity | a ≈ | b ₁ | b ₂ | b ₃ | d ₁ | d ₂ ≈ | h ₁ ≈ | h ₂ | h ₃ | h ₄ | h ₅ |
|------|-------|-----------------|------------------------------------|------------|----------------|----------------|----------------|----------------|------------------|------------------|----------------|----------------|----------------|----------------|
| 75 | 75 | 75 | 750 N 169 lbf | 20 0.79 | 29 1.14 | 34 1.34 | 5.2 0.20 | M 5 | 4.5 0.18 | 98 3.86 | 20.5 0.81 | 11 0.43 | 19 0.75 | 5.5 0.22 |
| 130 | 130 | 130 | 1050 N 236 lbf | 28 1.10 | 35 1.38 | 42 1.65 | 6.2 0.24 | M 6 | 5.5 0.22 | 142 5.59 | 28 1.10 | 16 0.63 | 25.5 1.00 | 11.3 0.44 |
| 230 | 230 | 230 | 2000 N 450 lbf | 40 1.57 | 43 1.69 | 45 1.77 | 8.5 0.33 | M 8 | 6.5 0.26 | 168 6.61 | 33.5 1.32 | 18 0.71 | 30 1.18 | 9.5 0.37 |
| 330 | - | - | 2400 N 540 lbf | 43 1.69 | 50 1.97 | 65 2.56 | 10.5 0.41 | M 10 | 8.5 0.33 | 195 7.68 | 43 1.69 | 22 0.87 | 37 1.46 | 15 0.59 |
| 430 | - | - | 2800 N 629 lbf | 64 2.52 | 58 2.28 | 65 2.56 | 12.5 0.49 | M 12 | 8.5 0.33 | 247 9.72 | 55.5 2.19 | 26 1.02 | 43 1.69 | 23 0.91 |
| 530 | - | - | 4500 N 1012 lbf | 90 3.54 | 80 3.15 | 95 3.74 | 12.5 0.49 | M 12 | 12.5 0.49 | 303 11.93 | 84.5 3.33 | 32 1.26 | 49 1.93 | 52 2.05 |

| Size | Steel | Stainless steel | l ₁ ≈ | | l ₂ ≈ | l ₃ | l ₄ | m ₁ | m ₂ | m ₃ | m ₄ | r ≈ | s ₁ | s ₂ | w |
|------|-------|-----------------|------------------|---------------|------------------|----------------|----------------|----------------|----------------|----------------|----------------|--------------|----------------|----------------|------------------|
| | | | Type A | Type E | | max. | | | | | | | | | Adjustable range |
| 75 | 75 | 75 | 66.5 2.62 | 67 2.64 | 31.5 1.24 | 41 1.61 | 45 1.77 | 15 0.59 | 16 0.63 | 24 0.94 | 24 0.94 | 62.5 2.46 | 2 0.08 | 4 0.16 | 15 0.59 |
| 130 | 130 | 130 | 85 3.35 | 86 3.39 | 42 1.65 | 54 2.13 | 55 2.17 | 12.5 0.49 | 19 0.75 | 27 1.06 | 29 1.14 | 79.5 3.13 | 2.5 0.10 | 5 0.20 | 17.5 0.69 |
| 230 | 230 | 230 | 110.5 4.35 | 112 4.41 | 58 2.28 | 73 2.87 | 68 2.68 | 19 0.75 | 20 0.79 | 32 1.26 | 32 1.26 | 104 4.09 | 3 0.12 | 6 0.24 | 20 0.79 |
| 330 | - | - | 129 5.08 | 130.5 5.14 | 66 2.60 | 86 3.39 | 77 3.03 | 29 1.14 | 32 1.26 | 46 1.77 | 45 1.81 | 122 4.80 | 3.5 0.14 | 7 0.28 | 19 0.75 |
| 430 | - | - | 164 6.46 | 166 6.54 | 88 3.46 | 114 4.49 | 100 3.94 | 32 1.26 | 32 1.26 | 45 1.77 | 45 1.77 | 156 6.14 | 4 0.16 | 10 0.39 | 33 1.30 |
| 530 | - | - | 223 8.78 | 225 8.86 | 125 4.92 | 152 5.98 | 100 3.94 | 50 1.97 | 51 2.01 | 70 2.76 | 70 2.76 | 212 8.35 | 7 0.28 | 10 0.39 | 27 1.06 |

