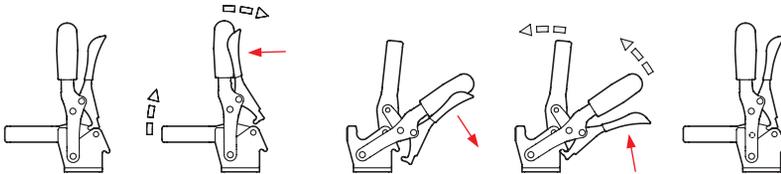


ROSTFREI
Inox
Stainless
Steel

2 Type

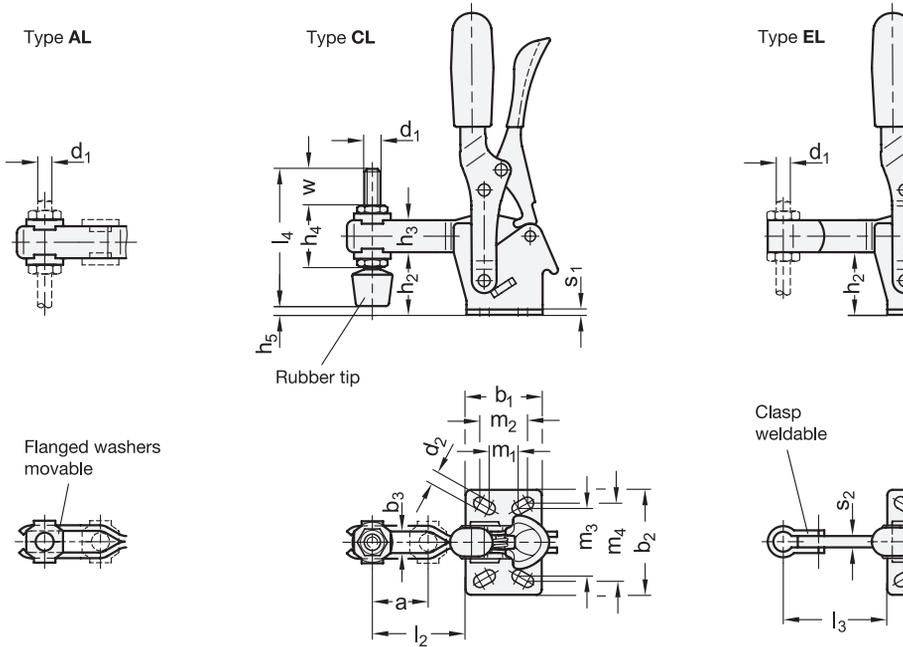
- AL** U-bar version, with two flanged washers
- CL** U-bar version, with two flanged washers and clamping screw GN 708.1
- EL** Solid bar version, with clasp, for welding

Operating principle



Size	F _H in N Holding capacity	a ≈	b ₁	b ₂	b ₃	d ₁	d ₂ ≈	h ₁ ≈	h ₂	h ₃	h ₄	h ₅
130	1050	28	35	42	6,2	M 6	5,5	142	28	16	25,5	11,3
230	2000	40	43	45	8,5	M 8	6,5	168	33,5	18	30	9,5

Size	l ₁ ≈		l ₂ ≈	l ₃ max.	l ₄	m ₁	m ₂	m ₃	m ₄	r ≈	s ₁	s ₂	w Adjustable range
	Type AL Type CL	Type EL											
130	85	86	42	54	55	12,5	19	27	29	79,5	2,5	5	17,5
230	110,5	112	58	73	68	18	21	32	32	104	3	6	20



Specification

- Steel —
 - Case-hardened Steel C 10 zinc plated, blue passivated
 - Bearing pins tempered
 - Bearing rivets case-hardened
- Stainless Steel **NI**
 - AISI 304
- All moving parts lubricated with special grease
- Hand grip
 - High quality, oil resistant, red plastic
- Clamping screw GN 708.1, type A
 - Steel, zinc plated / Stainless Steel AISI 304
 - Rubber tip 85 Shore A
- *Stainless Steel characteristics* → Page 1489
- **RoHS**

Accessory

- Clamping screws → Page 585 ff.
- Holders for clamping screws GN 801 (for type AL) → Page 590
- Holders for clamping screws GN 809 (for type EL) → Page 591
- Clamping arm extenders GN 801.1 (for type AL) → *New products*
- Clamping arm extenders GN 801.2 (for type EL) → *New products*
- Clamping arm extenders GN 809.1 (for type EL) → *New products*

Information

GN 810.3 toggle clamps are latched in both end positions. In the clamped position, this prevents unintentional opening or opening caused by vibrations; and in the open position, it prevents self-closing of the toggle clamp, such as due to an extended clamping arm. The latching can be disabled with a single hand to allow for opening / closing.

They 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.

Toggle clamps in the U-bar version with two flanged washers (type AL) can accommodate an application specific clamping screw. A clamping screw with neoprene rubber tip is also included for type CL.

Type EL version can either be utilized by welding the clasp which can then accommodate an application specific hold-down fastener component, or by utilizing the bar in conjunction with the GN 809 holders for clamping screws to hold the work piece in place.

see also...

- *General information for toggle clamps* → Page 500
- *Toggle clamps GN 910 („Longlife“)* → Page 506
- *Toggle clamps GN 810.4 (with vertical mounting base)* → *New products*

How to order (Steel)		1	Size
GN 810.3-230-EL		2	Type

How to order (Stainless Steel)		1	Size
GN 810.3-130-CL-NI		2	Type
		3	Material

