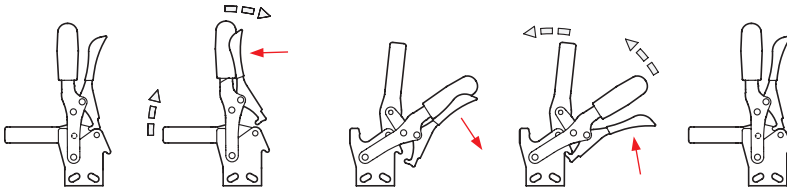


ROSTFREI
Inox
Stainless
Steel

2 Type

- BL** Forked clamping arm, with two flanged washers
- BLC** Forked clamping arm, with two flanged washers and clamping screw GN 708.1
- FL** Solid clamping arm, with clasp for welding

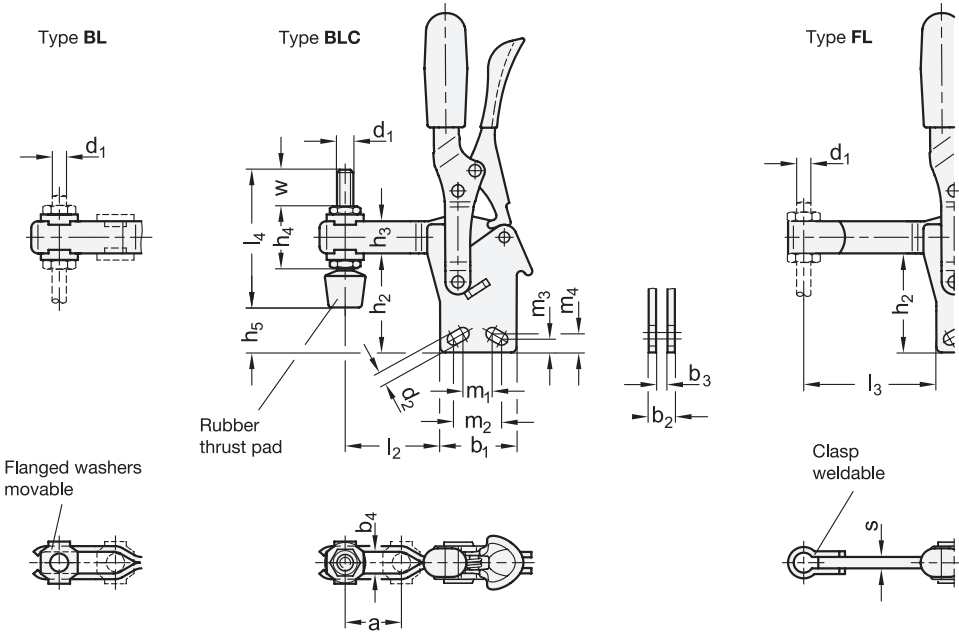
Operating principle



1

Size	F_H in N Holding capacity	$a \approx$	b_1	b_2	b_3	b_4	d_1	$d_2 \approx$	$h_1 \approx$	h_2	h_3	h_4	h_5 max.
130	1050	28	35	10	5	6,2	M 6	5,5	156	41,5	16	25,5	25
230	2000	40	43	12	6	8,5	M 8	6,5	183	48	18	30	24

Size	$l_1 \approx$ Type BL Type BLC	Type FL	$l_2 \approx$	l_3 max.	l_4	m_1	m_2	m_3	m_4	$r \approx$	s	w Adjustable range
130	85	86	42	54	55	12,5	19	6,5	7,5	79	5	17,5
230	110,5	112	58	73	68	18	21	6,5	6,5	104	6	20



Specification

- Steel —
 - Case-hardened Steel C 10
 - Zinc plated, blue passivated
 - Bearing pins tempered
 - Bearing rivets case-hardened
- Stainless steel AISI 304 **NI**
- All moving parts
Lubricated with special grease
- Solid designed plastic handle
Red, oil resistant
- Clamping screw GN 708.1, type A
 - Steel, zinc plated, blue passivated /
 - Stainless steel AISI 304
 - Rubber thrust pad 85 Shore A
- *Stainless Steel Characteristics* → Page 2166
- **RoHS**

Accessory

- Clamping Screws → Page 810 ff.
- Holders for Clamping Screws GN 801 (for Type BL) → Page 815
- Clamping Arm Extenders GN 801.1 (for Type BL) → Page 816
- Clamping Arm Extenders GN 801.2 (for Type BL) → Page 817
- Clamping Arm Extenders GN 809.1 (for Type FL) → Page 819



Information

Toggle clamps GN 810.4 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 with forked clamping arm, with two flanged washers (type BL) can accommodate an application specific clamping screw. A clamping screw with neoprene rubber tip is also included for type BLC.

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

see also...

- *General Information for Toggle Clamps* → Page 698
- *Toggle Clamps GN 810.11 („Longlife“)* → Page 714
- *Toggle Clamps GN 810.3 (with Horizontal Mounting Base)* → Page 704

How to order (Steel)

 GN 810.4-230-BL	1	Size
	2	Type

How to order (Stainless steel)

 GN 810.4-130-FL-NI	1	Size
	2	Type
	3	Material

1.1
1.2
1.3
1.4
2.1
2.2
2.3
2.4

