



**2** Type

- C** with horizontal foot
- G** with vertical foot



Size	F <sub>H</sub> in N Holding capacity	b <sub>1</sub>	b <sub>2</sub>	b <sub>3</sub>	b <sub>4</sub>	d	h <sub>1</sub>	h <sub>2</sub>	h <sub>3</sub>	h <sub>4</sub>	h <sub>5</sub>
220	2200	36	48	13	6	6,5	74	89	30	45,5	17,5
440	4400	54	65	20	10	8,5	121	140,5	50	69,5	28
850	8500	75	75	24	12	10,5	158	180	67	88	35
1540	15400	90	100	34	16	12,5	193	222	76,5	106	40

Size	l <sub>1</sub>	l <sub>2</sub>	l <sub>3</sub>	m <sub>1</sub>	m <sub>2</sub>	m <sub>3</sub>	m <sub>4</sub>	r	s <sub>1</sub>	s <sub>2</sub>
220	57,5	24	29	20	32	8	8	50	3,5	6
440	85,5	32	42,5	30	45	12	10	73	5	10
850	115	38	52	55	55	10	10	99	6	12
1540	147,5	53	68	65	75	12,5	17,5	127,5	8	16

**Specification**

- Lever arm steel
  - Forged
  - Blackened
- Parts in sheet metal case-hardened steel  
Blackened
- Bearing pins and rivets steel  
Hardened and ground
- All moving parts  
Lubricated with special grease
- RoHS

**Accessory**

- Handles, Lever Arms, Clamping Arm Extenders, Bushings, Base Plates → Page 719

**Information**

Knee lever modules GN 810.12 have the same properties and attributes as the „Longlife“ GN 810.10 / GN 810.11 toggle clamps. The clamping arms are die-forged, the remaining steel sheet parts have been reinforced, and bearing pins and rivets are hardened and ground.

These knee lever modules are therefore suitable for applications in which substantial forces occur and in which a long service life is required.

Extensive tests have shown that trouble-free function (under load) is ensured also after one million clamping cycles.

These knee lever modules permit the size and position of the lever and clamping arms to be adjusted to match the specific application.

**see also...**

- General Information for Toggle Clamps → Page 698
- Toggle Clamps GN 810.10 → Page 712
- Toggle Clamps GN 810.11 → Page 714
- Toggle Clamps GN 810.13 (for Welding) → Page 718

**How to order**

**GN 810.12-440-G**

- 1** Size
- 2** Type

