



**2 Type**

- B** Clamping arm with slotted hole (only size 220 and 440)
- F** Clamping arm with bushing

**1**

Size	F <sub>H</sub> in N Holding Capacity	a	b <sub>1</sub>	b <sub>2</sub>	b <sub>3</sub>	b <sub>4</sub>	d <sub>1</sub>	d <sub>2</sub>	d <sub>3</sub>	h <sub>1</sub>	h <sub>2</sub>
220	2200	32	36	13	6	6	M 6	6,5	6,5	152	45,5
440	4400	34	54	20	10	10	M 10	8,5	10,5	235	69,5
850*	8500	-	75	24	-	12	M 12	10,5	12,5	301	88
1540*	15400	-	90	32	-	16	M 16	12,5	16,5	344	106

Size	h <sub>3</sub>	h <sub>4</sub> ≈	l <sub>1</sub>		l <sub>2</sub>	l <sub>3</sub>	m <sub>1</sub>	m <sub>2</sub>	m <sub>3</sub>	r <sub>1</sub>	r <sub>2</sub>	s
			Type B	Type F								
220	16	27	91	86	51	46	20	8	8	77	72	6
440	24	45	129,5	129,5	66	66	30	10	12	107	107	10
850*	30	-	-	161	-	72	55	10	10	-	133	12
1540*	35	-	-	203	-	92,5	65	17,5	12,5	-	167	16

\* This size is fitted with a round handle at the lever arm and available only in type F.

**Specification**

- Toggle clamp Steel
  - Precision casting
  - blackened finish
- Lever arm Steel
  - forged
  - blackened finish
- Parts in sheet metal
  - case-hardened Steel
  - blackened finish
- Bearing pins and rivets
  - Steel, hardened and ground
- All moving parts lubricated with special grease
- Hand grip
  - High quality, oil resistant red plastic
- RoHS compliant

**Accessory**

- Spindle assemblies → Main Catalogue Page 765
- GN 801 Clamp mounts for toggle clamps (for type B) → Main Catalogue Page 771

**Information**

GN 910.1 heavy duty vertical acting toggle clamps can accommodate an application-specific screw. The steel sheet design of the clamp and lever arms is replaced by precision or die-forged components. The remaining steel sheet metal parts have been reinforced, bearing pins and rivets are hardened and ground.

These vertical clamps are therefore suitable for applications in which substantial forces occur and in which a long service life is required.

During extensive testing, with trouble free function and under load, the clamp has withstood over one million opening and closing cycles.

Type B - clamping arm with slotted hole (sizes 220 and 440 mm) includes flanged washers.

see also...

- General information for toggle clamps → Main Catalogue Page 676
- Vertical acting toggle clamps GN 810.1 → Page 188

How to order

**GN910.1-440-F**

**1 Size**

**2 Type**

