



**2 Type**  
F Solid bar version

**Universal table**

Dimensions in: millimeters - inches

Size	F <sub>H</sub> Holding capacity	b <sub>1</sub>	b <sub>2</sub>	b <sub>3</sub>	b <sub>4</sub>	e
1000	10000 N 2248 lbf	80 3.15	36 1.42	20 0.79	20 0.79	67 2.64
2000	20000 N 4496 lbf	100 3.94	36 1.42	20 0.79	20 0.79	82 3.23
3000	30000 N 6744 lbf	110 4.33	45 1.77	25 0.98	25 0.98	90 3.54

  

Size	h <sub>1</sub>	h <sub>2</sub>	h <sub>3</sub>	l <sub>1</sub>	l <sub>2</sub>	r
1000	265 10.43	55 2.17	25 0.98	190 7.48	110 4.33	177 6.97
2000	297 11.69	65 2.56	35 1.38	220 8.66	120 4.72	202 7.95
3000	320 12.60	80 3.15	40 1.57	250 9.84	140 5.51	230 9.06

**Specification**

- Bearing pins and clamping lever  
Steel St 60, blackened finish
- Other parts  
Steel St 37  
- Weldable  
- Blackened finish
- Bearing pins and rivets  
Case-hardened
- All moving parts lubricated with special grease
- Hand grip  
High quality, oil resistant red plastic
- RoHS compliant

**Information**

GN 813 vertical acting toggle clamps are used for applications where a very high holding force is required, such as closing of foam molds.

These clamps have been designed for easy dismantling: i.e. the bearing pins are locked with circlips.

After dismantling the individual parts, they can be modified to suit individual applications. Because these clamps have the ability to be welded, they provide the fixture designer the flexibility of using a standard clamp, and creating his own clamping arm design.

see also...

- [General Information on Toggle Clamps](#) → page QVX

How to order <b>GN813-2000-F</b>	1	Size
	2	Type

1.1  
1.2  
1.3  
1.4  
2.1  
2.2  
2.3  
2.4

