



## 2 Type

F Solid bar version

1

Size	$F_H$ in N Holding Capacity	$b_1$	$b_2$	$b_3$	$b_4$	e
1000	10000	80	36	20	20	67
2000	20000	100	36	20	20	82
3000	30000	110	45	25	25	90

Size	$h_1$	$h_2$	$h_3$	$l_1$	$l_2$	r
1000	265	55	25	190	110	177
2000	297	65	35	220	120	202
3000	320	80	40	250	140	230

## 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

Vertical acting toggle clamps GN 813 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.

see also...

- General information to toggle clamps → Page 676

How to order

GN 813-2000-F

1 Size

2 Type

