



**2 Type**  
**AS** Body  
 Brass / Steel, forged

**1**

| Size | F <sub>H</sub> in N<br>Holding force | a  | b <sub>1</sub> | b <sub>2</sub> | d <sub>1</sub> | d <sub>2</sub> | d <sub>3</sub> | h <sub>1</sub> ≈ | h <sub>2</sub> ≈ | l <sub>1</sub> |
|------|--------------------------------------|----|----------------|----------------|----------------|----------------|----------------|------------------|------------------|----------------|
| 70   | 1200                                 | 12 | 64             | 36             | 8,5            | M 6            | 4,3            | 42,5             | 19,5             | 86             |
| 160  | 2800                                 | 15 | 85             | 46             | 11             | M 6            | 5,3            | 56               | 25               | 116            |
| 360  | 5600                                 | 25 | 90             | 45,5           | 12             | M 8            | 5,5            | 75               | 34,5             | 122            |
| 550  | 8000                                 | 18 | 122,5          | 55             | 14             | M 8            | 7              | 76               | 29,5             | 164,5          |
| 1100 | 16000                                | 25 | 133            | 57             | 16             | M 10           | 8,5            | 95               | 38               | 182            |
| 2100 | 25000                                | 35 | 177            | 70             | 20             | M 12           | 8,5            | 118,5            | 50               | 238            |
| 3100 | 45000                                | 40 | 216            | 76             | 22             | M 14           | 11             | 137              | 56               | 316            |

| Size | l <sub>2</sub> ≈ | l <sub>3</sub> | m <sub>1</sub> | m <sub>2</sub> | m <sub>3</sub> | m <sub>4</sub> | s  | t  | w<br>Stroke |
|------|------------------|----------------|----------------|----------------|----------------|----------------|----|----|-------------|
| 70   | 79               | 22             | 26             | 13             | 26             | -              | 6  | 12 | 20          |
| 160  | 107              | 31             | 33,5           | 11             | 36,5           | -              | 10 | 12 | 30          |
| 360  | 114              | 32             | 33,5           | 30             | 36,5           | -              | 7  | 15 | 32          |
| 550  | 154,5            | 42             | 41             | 15             | 35             | 41             | 7  | 16 | 42          |
| 1100 | 170,5            | 49             | 41             | 15             | 35             | 41             | 8  | 18 | 50          |
| 2100 | 222              | 61             | 50             | 35             | 50             | 50             | 10 | 22 | 60          |
| 3100 | 300              | 100            | 54             | 40             | 70             | 70             | 10 | 25 | 100         |

**Specification**

- Body  
 Brass: Size 70 and 160  
 Steel: Size 360 to 3100  
 - forged  
 - black lacquered
- Parts in sheet metal  
 Case hardening steel C10  
 zinc plated, blue passivated
- Plunger Steel St 37  
 zinc plated, blue passivated
- Bearing pins (Bearing bush)  
 case hardened
- RoHS compliant

**Accessory**

- Clamping bolts → Page 765

**Information**

Plunger clamps GN 842 can be used for very high holding forces thanks to their massive and sturdy body.

On the sizes 70 and 160 the fixing holes are countersunk to accept countersunk bolts with internal hexagon DIN 912-M5 or M6 respectively.

see also...

- General information to toggle clamps → Page 676

How to order

**GN842-1100-AS**

**1** Size

**2** Type

