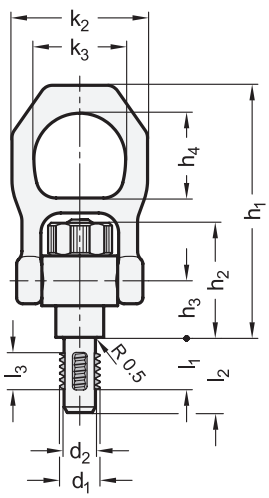


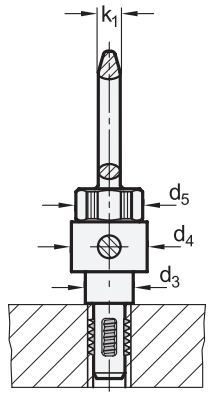


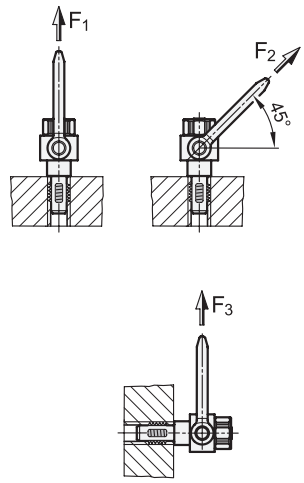


Inox Stainless Steel

| 1 $d_1$ | 2 $l_1$ | $d_2$ -0,07 | $d_3$ | $d_4$ | $d_5$ | $h_1$ | $h_2$ | $h_3$ | $h_4$ | $k_1$ | $k_2$ | $k_3$ | $l_2$ | $l_3$ | Max. torque in Nm | Nominal load in kN * $F_1$ | $F_2$ | $F_3$ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| M 8 | 12 | 6,62 | 20 | 38 | 33,5 | 123,7 | 54,9 | 25,7 | 42,5 | 11 | 68 | 46 | 17,8 | 8 | 2 | 2,1 | 0,9 | 0,8 |
| M 10 | 14 | 8,35 | 20 | 38 | 33,5 | 123,7 | 54,9 | 25,7 | 42,5 | 11 | 68 | 46 | 20 | 10 | 2 | 3,9 | 1,5 | 1,5 |
| M 12 | 17 | 10,07 | 20 | 38 | 33,5 | 123,7 | 54,9 | 25,7 | 42,5 | 11 | 68 | 46 | 24 | 12 | 2 | 6,2 | 2,5 | 2,3 |
| M 16 | 17 | 13,8 | 20 | 38 | 33,5 | 123,7 | 54,9 | 25,7 | 42,5 | 11 | 68 | 46 | 24 | 12 | 2 | 8,4 | 4,5 | 4,2 |
| M 20 | 22 | 17,25 | 35 | 59 | 50 | 167,5 | 73,7 | 36,5 | 55,6 | 15,5 | 102 | 70 | 30 | 17 | 3 | 16,6 | 7,7 | 5,0 |

* With 5-fold anti-fracture safety

## Specification

3

- Steel **ST**
  - Pin, shackle
  - Heat-treated, manganese phosphated
- Stainless steel **NI**
  - Pin, AISI 630
    Precipitation hardened
  - Shackle, AISI 316Ti
- Threaded segments
  - Stainless steel AISI 630
  - Precipitation hardened
- Push button
  Aluminum, orange anodized
- Spring
  Stainless steel
- *Stainless Steel Characteristics → Page XYZ*
- RoHS

## Information

Threaded lifting pins GN 1135 are support elements designed for quick and easy use. Pressing the operating button unlocks the threaded segments, allowing the pin to be moved in or out of the mounting thread. This eliminates the time-consuming process of screwing in or out encountered with typical lifting gear, such as lifting eye.

Assuming sufficient material strength, only true-to-gauge threaded holes are required to make use of the threaded lifting pins.

The shackle swivels by 180°, fully rotates around the pin and always aligns itself in the direction of load without causing the pin to turn. This prevents the threaded lifting pin from being screwed out of the thread and the workpiece can be lifted safely. A safety bar protects the button from unintentional operation.

For further application guidelines, see the operating instructions enclosed with every threaded lifting pin (→ *www.ganternorm.com/en/service*).

How to order

1 2 3
**GN 1135-M16-17-NI**

| | |
|---|---|
| 1 | $d_1$ |
| 2 | $l_1$ |
| 3 | Material |