

3 Type
E Without thrust pad
F With thrust pad DIN 6311



| d ₁ | l ₁ | | | d ₂ | d ₃ | d ₄ h11 | l ₂ | l ₃ | l ₄ | l ₅ ≈ | z ≈ |
|----------------|----------------|----|-----|----------------|----------------|--------------------|----------------|----------------|----------------|------------------|------|
| M 6 | 40 | 50 | - | 12 | 5 | 4,5 | 10 | 50 | 10 | 2,2 | 5,4 |
| M 8 | 50 | 60 | - | 14 | 6 | 6 | 12 | 60 | 15 | 3 | 6,8 |
| M 10 | 60 | 70 | - | 18 | 8 | 8 | 14 | 80 | 20 | 3,6 | 8,2 |
| M 12 | 70 | 80 | - | 20 | 10 | 8 | 18 | 100 | 20 | 4,5 | 8,6 |
| M 16 | 75 | 90 | 110 | 24 | 12 | 12 | 20 | 120 | 20 | 5,3 | 10,6 |
| M 20 | 75 | 90 | 110 | 30 | 16 | 15,5 | 28 | 140 | 20 | 5,6 | 12,4 |

Specification

- Steel
Property class 5.8
- Blackened
- Thrust point hardened
- *Thrust Pads DIN 6311* → Page 1066
- *ISO Fundamental Tolerances* → Page 2151
- *Strength Values of Screws* → Page 2152
- RoHS

Information

The thrust point of these screws DIN 6304 is designed to be used with or without a thrust pad for clamping.

The snap ring is a simple and quick method to connect the thrust pad to the tommy screw.

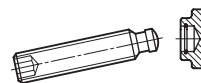
Instead of DIN 6311 a thrust pad GN 6311.1 can be used. In that case the tommy screw and the thrust pad have to be ordered separately.

see also...

- *Thrust Pads GN 6311.1* → Page 1069

Hint for installation (Type F)

The thrust pad has to be held at an angle allowing the circlip to drop to the bottom of its groove with the split end downwards. The thrust point is then offered up to the split end of the circlip at the lowest possible angle and pressed home.



How to order

DIN 6304-M12-70-E

| | |
|---|----------------|
| 1 | d ₁ |
| 2 | l ₁ |
| 3 | Type |