



THE BEST OF
Rost frel
Inox
Stainless
Steel

Inch
Inch
sizes
available

- 3 Type**
- B** without rest position (Knob), without lock nut
 - BK** without rest position (Knob), with lock nut
 - C** with rest position (Knob), without lock nut
 - CK** with rest position (Knob), with lock nut

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| d ₁ Pin h11 Bore <small>+0,03 -0,08</small> | d ₂ | d ₄ | e | l ₁ | l ₂ min. | l ₃ | l ₄ | l ₅ min. | l ₆ | l ₇ | A/F | max. tightening torque in Nm | | Spring load in N ≈ | |
|--|----------------|----------------|------|----------------|------------------------|----------------|----------------|------------------------|----------------|----------------|-----|------------------------------|-----|--------------------|-----|
| | | | | | | | | | | | | initial | end | initial | end |
| 3 | M 6 | 12 | 6,9 | 30 | 3,5 | 12 | 4,5 | 10 | 32,5 | 7 | 6 | 2 | 3 | 12 | |
| 3 | M 6 x 0,75 | 12 | 6,9 | 30 | 3,5 | 12 | 4,5 | 10 | 32,5 | 7 | 6 | 3 | 3 | 12 | |
| 4 | M 6 | 12 | 6,9 | 30,5 | 4 | 12 | 4,5 | 10 | 33 | 7 | 6 | 2 | 3 | 12 | |
| 4 | M 8 x 1 | 16 | 9,2 | 39,5 | 4,5 | 16 | 6 | 13,5 | 43 | 9,5 | 8 | 8 | 5 | 24 | |
| 5 | M 8 | 16 | 9,2 | 40 | 5 | 16 | 6 | 13,5 | 43,5 | 9,5 | 8 | 7 | 5 | 24 | |
| 5 | M 8 x 1 | 16 | 9,2 | 40 | 5 | 16 | 6 | 13,5 | 43,5 | 9,5 | 8 | 7 | 5 | 24 | |
| 5 | M 10 x 1 | 18 | 11,5 | 42,5 | 5 | 16 | 6 | 13,5 | 46 | 9,5 | 10 | 22 | 5 | 24 | |
| 6 | M 10 | 18 | 11,5 | 49 | 6 | 20 | 7,5 | 17 | 52 | 10,5 | 10 | 15 | 5 | 21 | |
| 6 | M 12 x 1,5 | 21 | 13,8 | 52 | 6 | 20 | 7,5 | 16,5 | 55 | 10,5 | 12 | 38 | 5 | 21 | |
| 8 | M 12 | 21 | 13,8 | 59 | 8 | 24 | 9 | 20,5 | 63,5 | 13,5 | 12 | 20 | 6 | 22 | |
| 8 | M 12 x 1,5 | 21 | 13,8 | 59 | 8 | 24 | 9 | 20,5 | 63,5 | 13,5 | 12 | 20 | 6 | 22 | |
| 8 | M 16 x 1,5 | 25 | 19,6 | 63,5 | 8 | 24 | 9 | 20,5 | 68 | 13,5 | 17 | 80 | 6 | 22 | |
| 10 | M 16 x 1,5 | 25 | 19,6 | 67,5 | 10 | 26 | 9 | 22,5 | 72,5 | 14 | 17 | 80 | 4 | 27 | |

Specification

- Guide (Threaded body)
 - Steel zinc plated, blue passivated **ST**
 - Stainless Steel AISI 303 **NI**
- Plunger pin
Stainless Steel AISI 303
- Spring
Stainless Steel AISI 301
- Knob Plastic (Polyamide PA)
 - black, matt
 - not removable
- Load rating information → Page 1463
- ISO-Fundamental tolerances → Page 1479
- Stainless Steel characteristics → Page 1489
- Plastic characteristics → Page 1483
- RoHS compliant

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Information

GN 717 Indexing plungers are characterized by small dimensions. These indexing plungers are universally applicable due to their prevention of misalignments and positioning errors of the mating indexing bores.

The type C / CK with rest position are used for such applications where the plunger has to stay in its retracted position.

During assembly, the max. tightening torques shown in the table should not be exceeded when securing the lock nut.

see also...

- List of indexing plunger types → Page 640 ff.
- Stainless Steel-Distance bushings GN 609.5 (to limit the thread length) → Page 694

| | | |
|---|----------|----------------|
| <p>How to order</p> <p>GN717-8-M12-A-ST</p> | 1 | d ₁ |
| | 2 | d ₂ |
| | 3 | Type |
| | 4 | Material |

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3.2
3.3
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