



3 Type
B Non lock-out
C Lock-out

Metric table

Dimensions in: millimeters - inches

| 1 2 d ₁ Pin ^{-0.02} / _{-0.05} Bore ^{+0.10} / _{+0.03} | l ₁ Indexing length | l ₂ max. | b | d ₂ | d ₃ | d ₄ ^{-0.02} / _{-0.1} | d ₅ | d ₆ | k | l ₃ | l ₄ | l ₅ | l ₆ | l ₇ | l ₈ ±0.1 | t | Spring load ≈ | |
|---|-----------------------------------|------------------------|------|----------------|----------------|---|----------------|----------------|------|----------------|----------------|----------------|----------------|----------------|---------------------|------|---------------|----------|
| | | | | | | | | | | | | | | | | | Initial | End |
| 7 | 6 | 8 | 13 | 4.3 | 23 | 5 | M 3 | 34 | 22 | 20 | 48 | 22 | 6 | 31 | 17.6 | 7 | 6.5 N | 19 N |
| 0.28 | 0.24 | 0.31 | 0.51 | 0.17 | 0.91 | 0.20 | | 1.34 | 0.87 | 0.79 | 1.89 | 0.87 | 0.24 | 1.22 | 0.69 | 0.28 | 1.46 lbf | 4.27 lbf |
| 7 | 9 | 11 | 13 | 4.3 | 23 | 5 | M 3 | 34 | 22 | 20 | 48 | 22 | 6 | 27.5 | 21.1 | 7 | 6 N | 25 N |
| 0.28 | 0.35 | 0.43 | 0.51 | 0.17 | 0.91 | 0.20 | | 1.34 | 0.87 | 0.79 | 1.89 | 0.87 | 0.24 | 1.08 | 0.83 | 0.28 | 1.35 lbf | 5.62 lbf |
| 8 | 8 | 10 | 16 | 5.3 | 28 | 6 | M 4 | 38 | 26 | 25 | 58 | 26 | 8 | 39 | 20.6 | 8 | 8.5 N | 26 N |
| 0.31 | 0.31 | 0.39 | 0.63 | 0.21 | 1.10 | 0.24 | | 1.50 | 1.02 | 0.98 | 2.28 | 1.02 | 0.31 | 1.54 | 0.81 | 0.31 | 1.91 lbf | 5.85 lbf |
| 8 | 12 | 14 | 16 | 5.3 | 28 | 6 | M 4 | 38 | 26 | 25 | 58 | 26 | 8 | 34 | 25.6 | 8 | 8.5 N | 28 N |
| 0.31 | 0.47 | 0.55 | 0.63 | 0.21 | 1.10 | 0.24 | | 1.50 | 1.02 | 0.98 | 2.28 | 1.02 | 0.31 | 1.34 | 1.01 | 0.31 | 1.91 lbf | 6.29 lbf |
| 10 | 12 | 14 | 16 | 5.3 | 28 | 7.5 | M 4 | 38 | 26 | 30 | 58 | 26 | 8 | 39.2 | 25.4 | 8 | 9.5 N | 38 N |
| 0.39 | 0.47 | 0.55 | 0.63 | 0.21 | 1.10 | 0.30 | | 1.50 | 1.02 | 1.18 | 2.28 | 1.02 | 0.31 | 1.54 | 1.00 | 0.31 | 2.14 lbf | 8.54 lbf |

Specification

- Body
Zinc die-cast
Powder coated
Black, textured finish
- Plunger pin
Stainless steel AISI 303
- Countersunk screw DIN 7991
Stainless steel AISI 304
- Knob
Plastic
Technopolymer (Polyamide PA)
- Temperature resistant up to 230 °F (110 °C)
- Black, matte finish
- Load Rating Information → page 2103
- Plastic Characteristics → page 2135
- Stainless Steel Characteristics → page 2143
- RoHS compliant

Information

GN 817.9 indexing plungers have been designed so that special versions of the indexing pins can be made economically in smaller unit quantities.

If required, the indexing pins can be machined or made by the user as shown in the drawing above. They are assembled with a countersunk screw and can therefore be re-assembled several times. All parts are supplied individually as a disassembled set.

The lock-out type C is used for applications where the plunger pin needs to stay in its retracted position. To achieve this, the knob is rotated by 90 degrees after being retracted. A notch keeps the plunger in the retracted position.

see also...

- List of Indexing Plunger Types → page 915
- Locating Bushings GN 412.2 / GN 412.4 → page 996
- Locating Bushings with Cone GN 412.3 / GN 412.5 → page 997

How to order

GN817.9-8-8-C

- 1** Pin diameter d₁
- 2** Indexing length l₁
- 3** Type

3.1
3.2
3.3
3.4
3.5
3.6
3.7
3.8
3.9
3.10