



- 3 Type**
- B** Without rest position, without lock nut
  - BK** Without rest position, with lock nut
  - C** With rest position, without lock nut
  - CK** With rest position, with lock nut
  - G** With threaded rod, without lock nut
  - GK** With threaded rod, with lock nut

| d <sub>1</sub><br><small>-0,02<br/>-0,05<br/>Bore H7</small> | l <sub>1</sub> | d <sub>2</sub> | d <sub>3</sub> | d <sub>4</sub> | d <sub>5</sub> | k    | l <sub>2</sub> | l <sub>3</sub> | l <sub>4</sub> | l <sub>5</sub> | l <sub>6</sub> | A/F | Spring load in N ≈ |      |
|--|----------------|----------------|----------------|----------------|----------------|------|----------------|----------------|----------------|----------------|----------------|-----|--------------------|------|
|  |                |                |                |                |                |      |                |                |                |                |                |     | Initial            | End  |
| 4  | 4              | M 8 x 1        | 16             | M 3            | 7              | 14   | 35             | 16             | 5              | 4,5            | 2,5            | 10  | 4,5                | 12   |
| 4  | 6              | M 8 x 1        | 16             | M 3            | 7              | 14   | 35             | 16             | 5              | 4,5            | 2,5            | 10  | 4                  | 12,5 |
| 5  | 5              | M 10 x 1       | 19             | M 4            | 8              | 16   | 40             | 18             | 6              | 5,5            | 3              | 12  | 5                  | 15   |
| 5  | 8              | M 10 x 1       | 19             | M 4            | 8              | 16   | 40             | 18             | 6              | 5,5            | 3              | 12  | 5                  | 18   |
| 6  | 6              | M 12 x 1,5     | 23             | M 5            | 9              | 20   | 48             | 22             | 6              | 7              | 3,5            | 14  | 6,5                | 19   |
| 6  | 9              | M 12 x 1,5     | 23             | M 5            | 9              | 20   | 48             | 22             | 6              | 7              | 3,5            | 14  | 6                  | 25   |
| 8  | 8              | M 16 x 1,5     | 28             | M 6            | 10             | 24   | 58             | 26             | 8              | 8,5            | 4              | 17  | 8,5                | 26   |
| 8  | 12             | M 16 x 1,5     | 28             | M 6            | 10             | 24   | 58             | 26             | 8              | 8,5            | 4              | 17  | 8,5                | 28   |
| 10   | 12             | M 16 x 1,5     | 28             | M 6            | 10             | 24   | 58             | 26             | 8              | 8,5            | 4              | 17  | 9,5                | 38   |
| 12   | 15             | M 20 x 1,5     | 33             | M 6            | 12             | 28,5 | 71,5           | 33             | 10             | 8,5            | 4              | 22  | 11,5               | 40   |
| 16   | 20             | M 24 x 2       | 33             | M 8            | 15             | 28,5 | 78,5           | 38             | 12             | 11,5           | 5              | 27  | 13                 | 54   |

**Specification**

**Guide**

- Steel —
- Blackened —
- Stainless steel AISI 303 **NI**

**Plunger pin**

- Steel
- Blackened
- Tip hardened
- Stainless steel AISI 303 for NI
- Chemically nickel plated

**Knob**

- Plastic, Polyamide (PA)
- Black, matte finish ● —
- Red, RAL 3000, matte finish ● **RT**
- Not removable

RoHS

**Accessory**

Page

- GN 909 | GN 909.5 Thin Hex Nuts QVX
- GN 412.2 | GN 412.3 Positioning Bushings QVX

Indexing plungers GN 817 with rest position (Type C / CK) are used for such applications where the plunger has 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 this position.

**Technical Information**

- Load Rating Information QVX
- ISO Fundamental Tolerances QVX
- Plastic Characteristics QVX
- Stainless Steel Characteristics QVX

**How to order (Steel)**

**GN817-4-6-C**

|   |                |
|---|----------------|
| 1 | d <sub>1</sub> |
| 2 | l <sub>1</sub> |
| 3 | Type           |

**How to order (Stainless steel)**

**GN817-6-9-B-NI-RT**

|   |                |
|---|----------------|
| 1 | d <sub>1</sub> |
| 2 | l <sub>1</sub> |
| 3 | Type           |
| 4 | Material       |
| 5 | Color          |