



**3 Type**

- A** Without plastic sleeve
- B** With plastic sleeve

**Metric table**

Dimensions in: millimeters - inches

| d <sub>1</sub><br>Pin<br>Pin $_{-0.05}$<br>Bore H7 | d <sub>2</sub> | d <sub>3</sub> | h          | k          | l <sub>1</sub> | l <sub>2</sub> | l <sub>3</sub> | l <sub>4</sub> | s          | Spring load ≈    |                   |
|--|----------------|----------------|------------|------------|----------------|----------------|----------------|----------------|------------|------------------|-------------------|
|  |                |                |            |            |                |                |                |                |            | Initial          | End               |
| 6<br>0.24  | 16<br>0.63     | 35<br>1.38     | 16<br>0.63 | 20<br>0.79 | 56<br>2.20     | 10<br>0.39     | 32<br>1.26     | 42<br>1.65     | 12<br>0.47 | 12 N<br>2.70 lbf | 32 N<br>7.19 lbf  |
| 8<br>0.31  | 16<br>0.63     | 35<br>1.38     | 16<br>0.63 | 20<br>0.79 | 56<br>2.20     | 10<br>0.39     | 32<br>1.26     | 42<br>1.65     | 12<br>0.47 | 12 N<br>2.70 lbf | 32 N<br>7.19 lbf  |
| 8<br>0.31  | 20<br>0.79     | 40<br>1.57     | 20<br>0.79 | 22<br>0.87 | 69<br>2.72     | 12<br>0.47     | 37<br>1.46     | 52<br>2.05     | 15<br>0.59 | 21 N<br>4.72 lbf | 58 N<br>13.04 lbf |
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**Specification**

- Body / lever arm  
Steel, blackened finish
- Plunger pin  
Steel, nitrided
- Sleeve  
Plastic  
Technopolymer (Polyamide PA)  
- Temperature resistant up to 230 °F (110 °C)  
- Black, matte finish
- Load Rating Information → page 2103
- ISO Fundamental Tolerances → page 2129
- Plastic Characteristics → page 2135
- RoHS compliant

**Information**

GN 612.2 cam action indexing plungers are best utilized in applications where the pin may need to be retracted periodically. By rotating the lever arm 180° the plunger pin is withdrawn. The notch allows for safe positioning while the plunger pin is held in the retracted position

These indexing plungers also feature a counterbored flange for surface mounting. The plastic ribbed sleeve offers an aesthetically pleasing and comfortable finger grip.

see also...

- Product Family Standard Parts for Profile Systems → page 18
- List of Cam Action Indexing Plungers Types → page 1001
- Locating Bushings GN 412.2 / GN 412.4 → page 996
- Square Spring Latches GN 722.3 → page 1012

**How to order**

**GN612.2-8-16-B**

- 1** Pin diameter d<sub>1</sub>
- 2** Outer diameter d<sub>2</sub>
- 3** Type