



- 3 Type**
- B** Non lock-out
 - C** Lock-out

Specification

- Threaded body
Steel, zinc plated, blue passivated finish
- Plunger pin
Stainless steel
European Standard No. 1.4305 (AISI 303)
- Spring
Stainless steel
European Standard No. 1.4310 (AISI 301)
- Knob
Plastic
Technopolymer (Polyamide PA)
- Temperature resistant up to 230 °F (110 °C)
- Black, matte finish
- Not removable
- **RoHS compliant**

Accessory

- Thin hexagon nuts GN 909

On request

- With red knob

Information

GN 822.6 mini indexing plungers feature small, compact dimensions.

Based on the principle of the GN 822 mini indexing plungers, this model combines their clever type of construction with a complete series of all current sizes of bolts and threads. They provide a reasonably priced alternative to the GN 607 / GN 607.1 indexing plungers of the appropriate sizes.

Plungers are inserted into position by holding them by the knurled knob. The wrench flats on the lock nut are exposed when the pin is retracted, so that the plunger can be easily tightened by means of an open-end wrench.

Type C offers a lock-out position for applications that require the plunger pin to be retracted for an extended period of time. After retracting the plunger pin, turn the knob 30 degrees, release the knob and it will stay in the retracted position via the indexing lock. In the rest position, the lock-out mechanism is completely concealed by the knob.

GN 909 thin hexagon nuts are to be ordered separately.

see also...

- *List of Indexing Plunger Types*
- *Spacer Bushings GN 609.5 (to Limit the Thread Length)*
- *Locating Bushings GN 412.2 / GN 412.4*

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| <p>How to order (Inch)</p> <p>GN 822.6-0.155-5/16X24-B</p> | <p>1 Pin diameter d₁</p> <p>2 Thread d₂</p> <p>3 Type</p> |
| <p>How to order (Metric)</p> <p>GN 822.6-8-M16x1.5-B</p> | <p>1 Pin diameter d₁</p> <p>2 Thread d₂</p> <p>3 Type</p> |

Inch table

Dimensions in: inches - millimeters

| 1 d ₁ Pin -0.002 Bore +0.001 -0.003 | 2 d ₂ Thread | d ₃ | d ₄ | l ₁ | l ₂ min. | l ₃ | k | A/F | Spring load ≈ | |
|--|-------------------------------|----------------|----------------|----------------|------------------------|----------------|--------------|-------------|------------------|------------------|
| | | | | | | | | | Initial | End |
| .155 3.9 | 5/16 x 24 | .83 21.1 | .59 15.0 | 1.08 27.4 | .20 5.1 | .24 6.1 | .65 16.5 | .39 9.9 | .90 lbf 4 N | 2.70 lbf 12 N |
| .186 4.7 | 3/8 x 24 | .98 24.9 | .71 18.0 | 1.34 34.0 | .24 6.1 | .31 7.9 | .79 20.1 | .47 11.9 | 1.35 lbf 6 N | 3.60 lbf 16 N |
| .249 6.3 | 1/2 x 20 | 1.10 27.9 | .79 20.1 | 1.59 40.4 | .28 7.1 | .39 9.9 | .93 23.6 | .55 14.0 | 2.25 lbf 10 N | 5.17 lbf 23 N |
| .311 7.9 | 5/8 x 18 | 1.30 33.0 | .91 23.1 | 1.87 47.5 | .39 9.9 | .47 11.9 | 1.00 25.4 | .67 17.0 | 2.47 lbf 11 N | 7.87 lbf 35 N |

Metric table

Dimensions in: millimeters - inches

| 1 d ₁ Pin h9 Bore +0.03 -0.08 | 2 d ₂ Thread | d ₃ | d ₄ | l ₁ | l ₂ min. | l ₃ | k | A/F | Spring load ≈ | | |
|--|-------------------------------|----------------|----------------|----------------|------------------------|----------------|-----------|--------------|---------------|------------------|------------------|
| | | | | | | | | | Initial | End | |
| 4 .16 | M 8 | M 8 x 1 | 21 .83 | 15 .59 | 27.5 1.08 | 5 .20 | 6 .24 | 16.5 .65 | 10 .39 | 4 N .90 lbf | 12 N 2.70 lbf |
| 5 .20 | M 10 | M 10 x 1 | 25 .98 | 18 .71 | 34 1.34 | 6 .24 | 8 .31 | 20 .79 | 12 .47 | 6 N 1.35 lbf | 16 N 3.60 lbf |
| 6 .24 | M 10 | M 10 x 1 | 25 .98 | 18 .71 | 34 1.34 | 6 .24 | 8 .31 | 20 .79 | 12 .47 | 6 N 1.35 lbf | 16 N 3.60 lbf |
| 6 .24 | M 12 | M 12 x 1.5 | 28 1.10 | 20 .79 | 40.5 1.59 | 7 .28 | 10 .39 | 23.5 .93 | 14 .55 | 10 N 2.25 lbf | 23 N 5.17 lbf |
| 7 .28 | M 12 | M 12 x 1.5 | 28 1.10 | 20 .79 | 40.5 1.59 | 7 .28 | 10 .39 | 23.5 .93 | 14 .55 | 10 N 2.25 lbf | 23 N 5.17 lbf |
| 8 .31 | M 16 | M 16 x 1.5 | 33 1.30 | 23 .91 | 47.5 1.87 | 10 .39 | 12 .47 | 25.5 1.00 | 17 .67 | 11 N 2.47 lbf | 35 N 7.87 lbf |
| 10 .39 | M 16 | M 16 x 1.5 | 33 1.30 | 23 .91 | 47.5 1.87 | 10 .39 | 12 .47 | 25.5 1.00 | 17 .67 | 11 N 2.47 lbf | 35 N 7.87 lbf |

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