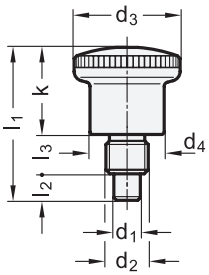
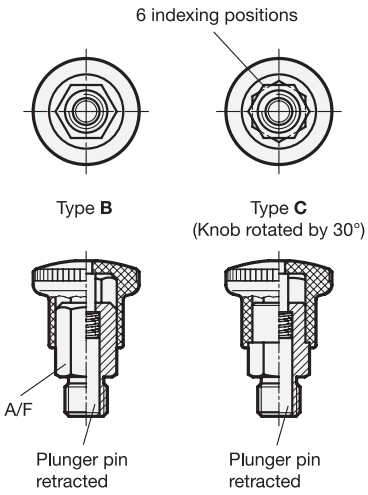
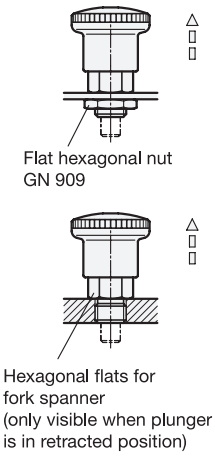




Mounting information



Inch | Metric

3 Type

B Non lock-out
C Lock-out

Specification

- Plunger 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 (Polyamide PA)
  - Black, matte finish
  - Not removable
- RoHS compliant

Information

GN 822.6 mini indexing plungers are distinguished for their small 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.

To mount, first turn the mini indexing plunger in with the knurled knob. Pulling the indexing pin will release the hexagon nut which can then be tightened with an open-end wrench.

Type B is a non lock-out version. 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 indexing 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 609.5 spacer bushings and GN 909.5 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)*
- *Thin Hexagon Nuts GN 909 / GN 909.5*
- *Locating Bushings GN 412.2*

Accessory

- GN 609.5 spacer bushings
- GN 909.5 thin hexagon nuts

On request

- With red knob

How to order (Inch)

GN 822.6-3.94-5/16X24-C

1	**Pin diameter d_1**
2	**Thread d_2**
3	**Type**

How to order (Metric)

GN 822.6-8-M16x1.5-B

1	**Pin diameter d_1**
2	**Thread d_2**
3	**Type**

Inch table

Dimensions in: inches - *millimeters*

d_1 Pin $^{-0.002}$ Bore $^{+0.001}_{+0.003}$	d_2 Thread	d_3	d_4	l_1	l_2 min.	l_3	k	A/F	Spring load ≈ Initial	Spring load ≈ End
.16 *3.94*	5/16 x 24	.83 *21*	.59 *15*	1.08 *27.5*	.20 *5*	.24 *6*	.65 *16.5*	.39 *10*	.90 lbf *4 N*	2.70 lbf *12 N*
.19 *4.73*	3/8 x 24	.98 *25*	.71 *18*	1.34 *34*	.24 *6*	.31 *8*	.79 *20*	.47 *12*	1.35 lbf *6 N*	3.60 lbf *16 N*
.25 *6.33*	1/2 x 20	1.10 *28*	.79 *20*	1.59 *40.5*	.28 *7*	.39 *10*	.93 *23.5*	.55 *14*	2.25 lbf *10 N*	5.17 lbf *23 N*
.31 *7.9*	5/8 x 18	1.30 *33*	.91 *23*	1.87 *47.5*	.39 *10*	.47 *12*	1.00 *25.5*	.67 *17*	2.47 lbf *11 N*	7.87 lbf *35 N*

Metric table

Dimensions in: millimeters - *inches*

d_1 Pin h9 Bore $^{+0.03}_{+0.08}$	d_2 Thread		d_3	d_4	l_1	l_2 min.	l_3	k	A/F	Spring load ≈ Initial	Spring load ≈ 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*