



SS Stainless Steel

3 Type

- B** Non lock-out, with plastic knob
- BN** Non lock-out, with stainless steel knob
- C** Lock-out, with plastic knob
- CN** Lock-out, with stainless steel knob

Specification

- Plunger body and pin
Stainless steel
European Standard No. 1.4305 (AISI 303)
- Spring
Stainless steel
European Standard No. 1.4310 (AISI 301)
- Knob Type B and C
Plastic (Polyamide PA)
- Black, matte finish
- Not removable
- Knob Type BN and CN (only metric sizes)
Stainless steel
European Standard No. 1.4308 (AISI CF-8)
- Matte, blasted
- Not removable
- RoHS compliant

Information

GN 822.7 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. The types B and BN are a non lock-out version. The types C and CN offer 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

<p>How to order (Inch)</p> <p>GN 822.7-6.33-1/2X20-B</p>	<p>1 Pin diameter d_1</p> <p>2 Thread d_2</p> <p>3 Type</p>
<p>How to order (Metric)</p> <p>GN 822.7-6-M12X1.5-CN</p>	<p>1 Pin diameter d_1</p> <p>2 Thread d_2</p> <p>3 Type</p>

Inch table

Dimensions in: inches - millimeters

1 d ₁ Pin Bore	2 d ₂ Thread	d ₃	d ₄	l ₁	l ₂ min.	l ₃	k min.	A/F	Spring load ≈	
									Initial	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

* Inch sizes are only available with plastic knob (type B or C)

Metric table

Dimensions in: millimeters - inches

1 d ₁ Pin Bore	2 d ₂ Thread	d ₃	d ₄	l ₁	l ₂ min.	l ₃	k min.	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

3.1
3.2
3.3
3.4
3.5
3.6
3.7
3.8
3.9

