



**SS** Stainless Steel

**3 Type**

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

**Metric table**

**1 2**

Dimensions in: millimeters - inches

d <sub>1</sub> Pin h9 Bore +0.03 -0.08	l <sub>1</sub>	b <sub>1</sub>	b <sub>2</sub>	d <sub>2</sub> -0.05 -0.1	d <sub>3</sub>	d <sub>4</sub>	k	l <sub>2</sub>	l <sub>3</sub>	l <sub>4</sub>	l <sub>5</sub> Stroke	Spring load ≈		
												Initial	End	
4 0.16	5 0.20	10 0.39	35 1.38	15 0.59	8 0.31	21 0.83	4.3 0.17	25 0.98	20.5 0.81	2 0.08	2 0.08	5 0.20	4 N 0.90 lbf	12 N 2.70 lbf
5 0.20	6 0.24	12 0.47	40 1.57	18 0.71	10 0.39	25 0.98	4.3 0.17	30 1.18	25.5 1.00	2.5 0.10	2 0.08	6 0.24	6 N 1.35 lbf	16 N 3.60 lbf
6 0.24	6 0.24	12 0.47	40 1.57	18 0.71	10 0.39	25 0.98	4.3 0.17	30 1.18	25.5 1.00	2.5 0.10	2 0.08	6 0.24	6 N 1.35 lbf	16 N 3.60 lbf
8 0.31	10 0.39	20 0.79	50 1.97	23 0.91	14 0.55	33 1.30	5.3 0.21	38 1.50	35 1.38	2.5 0.10	3 0.12	10 0.39	11 N 2.47 lbf	35 N 7.87 lbf
10 0.39	10 0.39	20 0.79	50 1.97	23 0.91	14 0.55	33 1.30	5.3 0.21	38 1.50	35 1.38	2.5 0.10	3 0.12	10 0.39	11 N 2.47 lbf	35 N 7.87 lbf

**Specification**

- Body with mounting plate  
Stainless steel AISI 304
- Plunger pin  
Stainless steel AISI 303
- Spring  
Stainless steel AISI 301
- Knob Type B / C  
Plastic  
Technopolymer (Polyamide PA)  
- Temperature resistant up to 230 °F (110 °C)  
- Black, matte finish  
- Not removable
- Knob Type BN / CN  
Stainless steel AISI CF-8  
- Matte shot-blasted finish  
- Not removable
- Load Rating Information → page 2103
- ISO Fundamental Tolerances → page 2129
- Plastic Characteristics → page 2135
- Stainless Steel Characteristics → page 2143
- RoHS compliant

**On request**

- With red knob

**Information**

GN 822.9 mini indexing plungers feature small, compact dimensions.

Type C / CN 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.

These mini indexing plungers present an affordable alternative to the GN 608.5 and GN 608.6 indexing plungers.

see also...

- List of Indexing Plunger Types → page 915
- Indexing Plungers GN 608.5 (Non Lock-Out) → page 964
- Indexing Plungers GN 608.6 (Lock-Out) → page 965
- Locating Bushings GN 412.2 / GN 412.4 → page 996

**How to order**

**GN822.9-6-12-B**

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

3.1  
3.2  
3.3  
3.4  
3.5  
3.6  
3.7  
3.8  
3.9  
3.10

