



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

**Metric table**

Dimensions in: millimeters - inches

d <sub>1</sub> Pin h6	l <sub>1</sub>	l <sub>2</sub> Stroke	l <sub>3</sub>	b	d <sub>2</sub>	d <sub>3</sub>	d <sub>4</sub>	k	l <sub>4</sub>	l <sub>5</sub>	l <sub>6</sub>	l <sub>7</sub> Page 982	l <sub>8</sub> Page 982		l <sub>9</sub> Page 982	Spring load ≈	
													min.	max.		Initial	End
6 0.24	18 0.71	9 0.35	9 0.35	13 0.51	23 0.91	4.3 0.17	34 1.34	23 0.91	45 1.77	6 0.24	25 0.98	7 0.28	9 0.35	10 0.39	17.5 0.69	6 N 1.35 lbf	25 N 5.62 lbf
6 0.24	24 0.94	9 0.35	15 0.59	13 0.51	23 0.91	4.3 0.17	34 1.34	23 0.91	45 1.77	6 0.24	25 0.98	7 0.28	15 0.59	16 0.63	23.5 0.93	6 N 1.35 lbf	25 N 5.62 lbf
8 0.31	20 0.79	10.6 0.42	9.4 0.37	16 0.63	28 1.10	5.3 0.21	38 1.50	26 1.02	51 2.01	8 0.31	27 1.06	9 0.35	9.4 0.37	10 0.39	19.5 0.77	8.5 N 1.91 lbf	28 N 6.29 lbf
8 0.31	26 1.02	10.6 0.42	15.4 0.61	16 0.63	28 1.10	5.3 0.21	38 1.50	26 1.02	51 2.01	8 0.31	27 1.06	9 0.35	15.4 0.61	16 0.63	25.5 1.00	8.5 N 1.91 lbf	28 N 6.29 lbf
10 0.39	24 0.94	12.6 0.50	11.4 0.45	16 0.63	28 1.10	5.3 0.21	38 1.50	26 1.02	51 2.01	8 0.31	27 1.06	11 0.43	11.4 0.45	12 0.47	23.5 0.93	11.5 N 2.59 lbf	40 N 8.99 lbf
10 0.39	32 1.26	12.6 0.50	19.4 0.76	16 0.63	28 1.10	5.3 0.21	38 1.50	26 1.02	51 2.01	8 0.31	27 1.06	11 0.43	19.4 0.76	20 0.79	31.5 1.24	11.5 N 2.59 lbf	40 N 8.99 lbf

**Specification**

- Body  
Steel, blackened finish
- Plunger pin  
Steel, hardened and ground
- Knob  
Plastic  
Technopolymer (Polyamide PA)  
- Temperature resistant up to 230 °F (110 °C)  
- Black, matte finish  
- Not removable
- Load Rating Information → page 2103
- ISO Fundamental Tolerances → page 2129
- Plastic Characteristics → page 2135
- RoHS compliant

**Accessory**

- Press-fit drill bushings DIN 172 / DIN 179 (with cylindrical bore) → page 1172
- Press-fit guide bushings GN 172.1 / GN 179.1 (with conical bore) → page 983

**Information**

GN 817.5 indexing plungers make highly accurate positioning possible, by utilizing DIN 172 / DIN 179 press-fit drill bushings as a guide. The utilization of the drill bushing and either the GN 172.1 or GN 179.1 guide bushings provides two mating parts for the indexing plunger pin.

The conical shape of the plunger pin / indexing bore makes positioning virtually clearance-free and therefore highly precise.

The lock-out type C is used for applications where the plunger pin needs to stay in its retracted position. To achieve this, the knob is rotated by 90 degrees after being retracted. A notch keeps the plunger in the retracted position.

see also...

- Construction and Assembly Instructions → page 982
- List of Indexing Plunger Types → page 915

How to order <b>GN 817.5-8-20-B</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