



3 Type
B Non lock-out
C Lock-out

Metric table

Dimensions in: millimeters - inches

1 d_1 Pin -0.02 Bore $+0.10$ -0.03	2 l_1 Indexing length	l_2 max.	b	d_2	d_3	d_4 -0.02 -0.1	d_5 Thread	d_6	k	l_3	l_4	l_5	l_6	l_7	$l_8 \pm 0.1$	t	Spring load \approx	
																	Initial	End
7	6	8	13	4.3	23	5	M 3	34	22	20	48	22	6	31	17.6	7	6.5 N	19 N
0.28	0.24	0.31	0.51	0.17	0.91	0.20		1.34	0.87	0.79	1.89	0.87	0.24	1.22	0.69	0.28	1.46 lbf	4.27 lbf
7	9	11	13	4.3	23	5	M 3	34	22	20	48	22	6	27.5	21.1	7	6 N	25 N
0.28	0.35	0.43	0.51	0.17	0.91	0.20		1.34	0.87	0.79	1.89	0.87	0.24	1.08	0.83	0.28	1.35 lbf	5.62 lbf
8	8	10	16	5.3	28	6	M 4	38	26	25	58	26	8	39	20.6	8	8.5 N	26 N
0.31	0.31	0.39	0.63	0.21	1.10	0.24		1.50	1.02	0.98	2.28	1.02	0.31	1.54	0.81	0.31	1.91 lbf	5.85 lbf
8	12	14	16	5.3	28	6	M 4	38	26	25	58	26	8	34	25.6	8	8.5 N	28 N
0.31	0.47	0.55	0.63	0.21	1.10	0.24		1.50	1.02	0.98	2.28	1.02	0.31	1.34	1.01	0.31	1.91 lbf	6.29 lbf
10	12	14	16	5.3	28	7.5	M 4	38	26	30	58	26	8	39.2	25.4	8	9.5 N	38 N
0.39	0.47	0.55	0.63	0.21	1.10	0.30		1.50	1.02	1.18	2.28	1.02	0.31	1.54	1.00	0.31	2.14 lbf	8.54 lbf

Specification

- Body
Zinc die-cast
Powder coated
Black, textured finish
- Plunger pin
Stainless steel AISI 303
- Countersunk screw DIN 7991
Stainless steel AISI 304
- Knob
Plastic
Technopolymer (Polyamide PA)
- Temperature resistant up to 230 °F (110 °C)
- Black, matte finish
- Load Rating Information → page 2103
- Plastic Characteristics → page 2135
- Stainless Steel Characteristics → page 2143
- RoHS compliant

Information

GN 817.9 indexing plungers have been designed so that special versions of the indexing pins can be made economically in smaller unit quantities.

If required, the indexing pins can be machined or made by the user as shown in the drawing above. They are assembled with a countersunk screw and can therefore be re-assembled several times. All parts are supplied individually as a disassembled set.

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...

- List of Indexing Plunger Types → page 915
- Locating Bushings GN 412.2 / GN 412.4 → page 996
- Locating Bushings with Cone GN 412.3 / GN 412.5 → page 997

How to order

GN817.9-8-8-C

- 1** Pin diameter d_1
- 2** Indexing length l_1
- 3** Type

3.1
3.2
3.3
3.4
3.5
3.6
3.7
3.8
3.9
3.10