



SS Stainless Steel

- 4 Type**
- B** Non lock-out, without lock nut
 - BK** Non lock-out, with lock nut
 - C** Lock-out, without lock nut
 - CK** Lock-out, with lock nut

Specification

- Threaded body
 - Steel, blackened finish
 - Plunger pin hardened
 - Stainless steel AISI 303
 - Plunger pin chemically nickel plated (only available in metric sizes)
- T-handle
 - Plastic
 - Technopolymer (Polyamide PA)
 - Temperature resistant up to 230 °F (110 °C)
 - Black, matte finish
 - Not removable
- Inch size lock nut
 - Steel, blackened finish
 - ANSI/ASME B18.2.2
- Metric size lock nut
 - Steel, blackened finish
 - DIN 439 B / ISO 8675
 - Stainless steel (A2)
 - DIN 439 B / ISO 8675
- [Load Rating Information](#) → page 2103
- [ISO Fundamental Tolerances](#) → page 2129
- [Plastic Characteristics](#) → page 2135
- [Stainless Steel Characteristics](#) → page 2143
- [RoHS compliant](#)

Information

GN 817.4 indexing plungers are similar to GN 817, but with a T-handle instead of a round head knob. This shape allows better visual orientation of the indexing position of the type C / CK version, and is advantageous when greater unlocking forces occur.

Lock-out types C / CK are 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
- [Spacer Bushings GN 609.5 \(to Limit the Thread Length\)](#) → page 994

How to order (Inch, steel)	1 Pin diameter d ₁
GN817.4-6-6-1/2X13-B	2 Stroke l ₁
	3 Thread d ₂
	4 Type

How to order (Metric, stainless steel)	1 Pin diameter d ₁
GN817.4-8-12-M16X1.5-CK-NI	2 Stroke l ₁
	3 Thread d ₂
	4 Type
	5 Material

Inch table

Dimensions in: inches - millimeters

1 d₁ Pin <small>-0.001 -0.002</small> Bore +0.001	2 l₁	3 d₂	k	l₂	l₃	l₄	l₅	A/F	Spring load ≈	
									Initial	End
0.24 6	0.24 6	1/2 x 13	0.79 20	1.89 48	0.87 22	0.24 6	2.13 54	0.55 14	1.46 lbf 6.5 N	4.27 lbf 19 N
0.24 6	0.35 9	1/2 x 13	0.79 20	1.89 48	0.87 22	0.24 6	2.13 54	0.55 14	1.35 lbf 6 N	5.62 lbf 25 N
0.31 8	0.31 8	5/8 x 11	0.98 25	2.32 59	1.02 26	0.31 8	2.32 59	0.67 17	1.91 lbf 8.5 N	5.85 lbf 26 N
0.31 8	0.47 12	5/8 x 11	0.98 25	2.32 59	1.02 26	0.31 8	2.32 59	0.67 17	1.91 lbf 8.5 N	6.29 lbf 28 N
0.39 10	0.47 12	5/8 x 11	0.98 25	2.32 59	1.02 26	0.31 8	2.32 59	0.67 17	2.14 lbf 9.5 N	8.54 lbf 38 N

Metric table

Dimensions in: millimeters - inches

1 d₁ <small>-0.02 -0.05</small> Bore H7	2 l₁	3 d₂	k	l₂	l₃	l₄	l₅	A/F	Spring load ≈	
									Initial	End
6 0.24	6 0.24	M 12 x 1.5	20 0.79	48 1.89	22 0.87	6 0.24	54 2.13	14 0.55	6.5 N 1.46 lbf	19 N 4.27 lbf
6 0.24	9 0.35	M 12 x 1.5	20 0.79	48 1.89	22 0.87	6 0.24	54 2.13	14 0.55	6 N 1.35 lbf	25 N 5.62 lbf
8 0.31	8 0.31	M 16 x 1.5	25 0.98	59 2.32	26 1.02	8 0.31	59 2.32	17 0.67	8.5 N 1.91 lbf	26 N 5.85 lbf
8 0.31	12 0.47	M 16 x 1.5	25 0.98	59 2.32	26 1.02	8 0.31	59 2.32	17 0.67	8.5 N 1.91 lbf	28 N 6.29 lbf
10 0.39	12 0.47	M 16 x 1.5	25 0.98	59 2.32	26 1.02	8 0.31	59 2.32	17 0.67	9.5 N 2.14 lbf	38 N 8.54 lbf
12 0.47	15 0.59	M 20 x 1.5	25 0.98	68 2.68	33 1.30	10 0.39	59 2.32	22 0.87	11.5 N 2.59 lbf	40 N 8.99 lbf