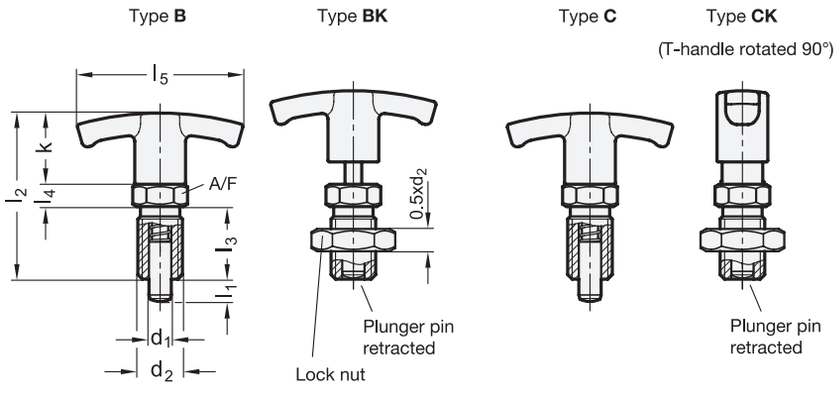

Inch | Metric

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

5

- Threaded body
  - Steel, blackened finish — Plunger pin hardened
  - Stainless steel AISI 303 **NI** 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 2 3 4
GN 817.4-6-6-1/2X13-B

1	Pin diameter d_1
2	Stroke l_1
3	Thread d_2
4	Type

How to order (Metric, stainless steel)

1 2 3 4 5
GN 817.4-8-12-M16X1.5-CK-NI

1	Pin diameter d_1
2	Stroke l_1
3	Thread d_2
4	Type
5	Material

Inch table

Dimensions in: inches - *millimeters*

d_1 Pin $^{-0.001}_{-0.002}$ Bore +0.001	l_1	d_2 Thread	k	l_2	l_3	l_4	l_5	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*

d_1 Pin $^{-0.02}_{-0.05}$ Bore H7	l_1	d_2 Thread	k	l_2	l_3	l_4	l_5	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*