



SS Stainless Steel

3 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

Metric table

Dimensions in: millimeters - inches

d ₁ Pin Pin ^{-0.02} / _{-0.05} Bore H7	l ₁ Indexing length	l ₂ max.	d ₂	d ₃	d ₄ ^{-0.02} / _{-0.1}	d ₅	k	l ₃	l ₄	l ₅	l ₆	l ₇	l ₈ ±0.1	t	A/F	Spring load ≈	
																Initial	End
7 0.28	6 0.24	8 0.31	M 12 x 1.5	23 0.91	5 0.20	M 3	20 0.79	20 0.79	48 1.89	22 0.87	6 0.24	31 1.22	17.6 0.69	7 0.28	14 0.55	6.5 N 1.46 lbf	19 N 4.27 lbf
7 0.28	9 0.35	11 0.43	M 12 x 1.5	23 0.91	5 0.20	M 3	20 0.79	20 0.79	48 1.89	22 0.87	6 0.24	27.5 1.08	21.1 0.83	7 0.28	14 0.55	6 N 1.35 lbf	25 N 5.62 lbf
8 0.31	8 0.31	10 0.39	M 16 x 1.5	28 1.10	6 0.24	M 4	24 0.94	25 0.98	58 2.28	26 1.02	8 0.31	39 1.54	20.6 0.81	8 0.31	17 0.67	8.5 N 1.91 lbf	26 N 5.85 lbf
8 0.31	12 0.47	14 0.55	M 16 x 1.5	28 1.10	6 0.24	M 4	24 0.94	25 0.98	58 2.28	26 1.02	8 0.31	34 1.34	25.6 1.01	8 0.31	17 0.67	8.5 N 1.91 lbf	28 N 6.29 lbf
10 0.39	12 0.47	14 0.55	M 16 x 1.5	28 1.10	7.5 0.30	M 4	24 0.94	30 1.18	58 2.28	26 1.02	8 0.31	39.2 1.54	25.4 1.00	8 0.31	17 0.67	9.5 N 2.14 lbf	38 N 8.54 lbf
12 0.47	15 0.59	17 0.67	M 20 x 1.5	33 1.30	9 0.35	M 6	28.5 1.12	35 1.38	71.5 2.81	33 1.30	10 0.39	47.3 1.86	31.3 1.23	13.5 0.53	22 0.87	11.5 N 2.59 lbf	40 N 8.99 lbf

Specification

- Threaded body
 - Steel, blackened finish **ST**
 - Stainless steel AISI 303 **NI**
- 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
- Lock nut
DIN 439 B / ISO 8675
 - Steel, blackened finish
 - Stainless steel AISI 304
- Load Rating Information → page 2103
- ISO Fundamental Tolerances → page 2129
- Plastic Characteristics → page 2135
- Stainless Steel Characteristics → page 2143
- RoHS compliant

Information

GN 817.8 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.

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	
1	Pin diameter d ₁
2	Indexing length l ₁
3	Type
4	Material

GN817.8-8-12-B-NI