

GN 817.2

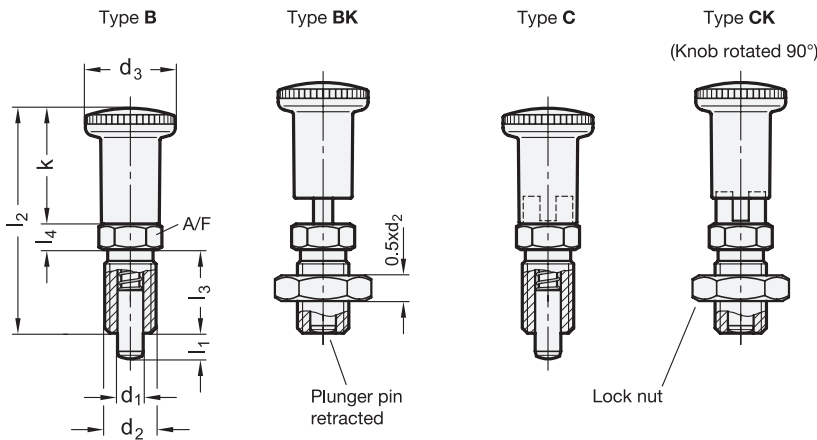
Steel / Stainless Steel

Indexing Plungers

Lock-Out and Non Lock-Out, with Extended Height Knob



JWWINCO
A Ganter Company



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)
- Knob
 - 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 4035 / ISO 8675
 - Stainless steel (A2)
 - DIN 439 B / ISO 4035 / ISO 8675
- [Load Rating Information](#) → page 2103
- [ISO Fundamental Tolerances](#) → page 2129
- [Plastic Characteristics](#) → page 2135
- [Stainless Steel Characteristics](#) → page 2143
- [RoHS compliant](#)

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Information

GN 817.2 indexing plungers are identical to GN 817 but with an extended height knob.

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

NI

How to order (Inch, steel)	1 Pin diameter d_1
GN817.2-5-8-3/8X16-B	2 Stroke l_1
	3 Thread d_2
	4 Type

How to order (Metric, stainless steel)	1 Pin diameter d_1
GN817.2-8-12-M16X1.5-CK-NI	2 Stroke l_1
	3 Thread d_2
	4 Type
	5 Material

Inch table

Dimensions in: inches - millimeters

1 d ₁ Pin -0.001 Bore +0.001	2 l ₁ min.	3 d ₂ Thread	d ₃	k	l ₂	l ₃	l ₄	A/F (millimeter)	Spring load ≈	
									Initial	End
0.16 4	0.16 4	5/16 x 18	0.63 16	0.83 21	1.65 42	0.63 16	0.20 5	0.39 10	1.01 lbf 4.5 N	2.70 lbf 12 N
0.16 4	0.24 6	5/16 x 18	0.63 16	0.83 21	1.65 42	0.63 16	0.20 5	0.39 10	0.90 lbf 4 N	2.81 lbf 12.5 N
0.20 5	0.20 5	3/8 x 16	0.75 19	0.94 24	1.89 48	0.71 18	0.24 6	0.47 12	1.12 lbf 5 N	3.37 lbf 15 N
0.20 5	0.31 8	3/8 x 16	0.75 19	0.94 24	1.89 48	0.71 18	0.24 6	0.47 12	1.12 lbf 5 N	4.05 lbf 18 N
0.24 6	0.24 6	1/2 x 13	0.91 23	1.18 30	2.28 58	0.87 22	0.24 6	0.55 14	1.46 lbf 6.5 N	4.27 lbf 19 N
0.24 6	0.35 9	1/2 x 13	0.91 23	1.18 30	2.28 58	0.87 22	0.24 6	0.55 14	1.35 lbf 6 N	5.62 lbf 25 N
0.31 8	0.31 8	5/8 x 11	1.10 28	1.42 36	2.76 70	1.02 26	0.31 8	0.67 17	1.91 lbf 8.5 N	5.85 lbf 26 N
0.31 8	0.47 12	5/8 x 11	1.10 28	1.42 36	2.76 70	1.02 26	0.31 8	0.67 17	1.91 lbf 8.5 N	6.29 lbf 28 N
0.39 10	0.47 12	5/8 x 11	1.10 28	1.42 36	2.76 70	1.02 26	0.31 8	0.67 17	2.14 lbf 9.5 N	8.54 lbf 38 N

Metric table

Dimensions in: millimeters - inches

1 d ₁ Pin -0.02 Bore H7	2 l ₁ min.	3 d ₂ Thread	d ₃	k	l ₂	l ₃	l ₄	A/F	Spring load ≈	
									Initial	End
4 0.16	4 0.16	M 8 x 1	16 0.63	21 0.83	42 1.65	16 0.63	5 0.20	10 0.39	4.5 N 1.01 lbf	12 N 2.70 lbf
4 0.16	6 0.24	M 8 x 1	16 0.63	21 0.83	42 1.65	16 0.63	5 0.20	10 0.39	4 N 0.90 lbf	12.5 N 2.81 lbf
5 0.20	5 0.20	M 10 x 1	19 0.75	24 0.94	48 1.89	18 0.71	6 0.24	12 0.47	5 N 1.12 lbf	15 N 3.37 lbf
5 0.20	8 0.31	M 10 x 1	19 0.75	24 0.94	48 1.89	18 0.71	6 0.24	12 0.47	5 N 1.12 lbf	18 N 4.05 lbf
6 0.24	6 0.24	M 12 x 1.5	23 0.91	30 1.18	58 2.28	22 0.87	6 0.24	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	23 0.91	30 1.18	58 2.28	22 0.87	6 0.24	14 0.55	6 N 1.35 lbf	25 N 5.62 lbf
8 0.31	8 0.31	M 16 x 1.5	28 1.10	36 1.42	70 2.76	26 1.02	8 0.31	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	28 1.10	36 1.42	70 2.76	26 1.02	8 0.31	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	28 1.10	36 1.42	70 2.76	26 1.02	8 0.31	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	28 1.10	36 1.42	79 3.11	33 1.30	10 0.39	22 0.87	11.5 N 2.59 lbf	40 N 8.99 lbf

3.1
3.2
3.3
3.4
3.5
3.6
3.7
3.8
3.9
3.10

