

# GN 817.2

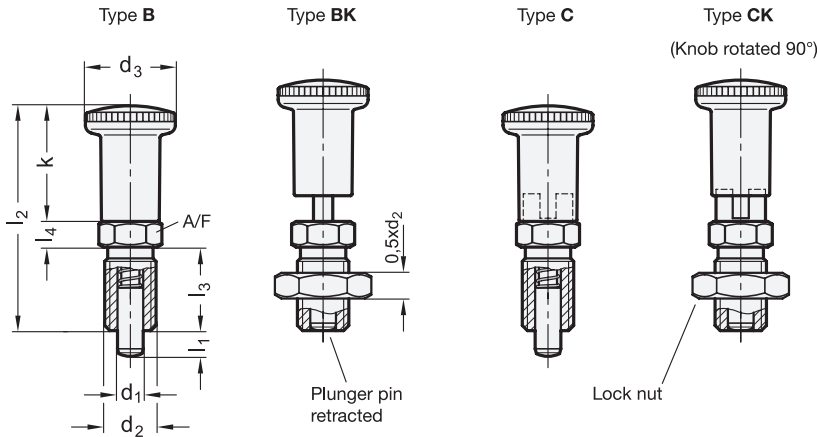
Steel / Stainless Steel

# Indexing Plungers

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



**JW WINCO**  
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 NI
  - European Standard No. 1.4305 (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
- RoHS compliant



### 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](#)

How to order (Inch, steel)

**GN817.2-5-8-3/8X16-B**

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

How to order (Metric, stainless steel)

**GN817.2-8-12-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

1 d <sub>1</sub> Pin -0.001 Bore +0.001	2 l <sub>1</sub> min.	3 d <sub>2</sub> Thread	d <sub>3</sub>	k	l <sub>2</sub>	l <sub>3</sub>	l <sub>4</sub>	A/F	Spring load ≈	
									Initial	End
.16 4	.16 4	5/16 x 18	.63 16	.83 21	1.65 42	.63 16	.20 5	.39 10	1.01 lbf 4.5 N	2.70 lbf 12 N
.16 4	.24 6	5/16 x 18	.63 16	.83 21	1.65 42	.63 16	.20 5	.39 10	.90 lbf 4 N	2.81 lbf 12.5 N
.20 5	.20 5	3/8 x 16	.75 19	.94 24	1.89 48	.71 18	.24 6	.47 12	1.12 lbf 5 N	3.37 lbf 15 N
.20 5	.31 8	3/8 x 16	.75 19	.94 24	1.89 48	.71 18	.24 6	.47 12	1.12 lbf 5 N	4.05 lbf 18 N
.24 6	.24 6	1/2 x 13	.91 23	1.18 30	2.28 58	.87 22	.24 6	.55 14	1.46 lbf 6.5 N	4.27 lbf 19 N
.24 6	.35 9	1/2 x 13	.91 23	1.18 30	2.28 58	.87 22	.24 6	.55 14	1.35 lbf 6 N	5.62 lbf 25 N
.31 8	.31 8	5/8 x 11	1.10 28	1.42 36	2.76 70	1.02 26	.31 8	.67 17	1.91 lbf 8.5 N	5.85 lbf 26 N
.31 8	.47 12	5/8 x 11	1.10 28	1.42 36	2.76 70	1.02 26	.31 8	.67 17	1.91 lbf 8.5 N	6.29 lbf 28 N
.39 10	.47 12	5/8 x 11	1.10 28	1.42 36	2.76 70	1.02 26	.31 8	.67 17	2.14 lbf 9.5 N	8.54 lbf 38 N

**Metric table**

Dimensions in: millimeters - inches

1 d <sub>1</sub> Pin -0.02 Bore H7	2 l <sub>1</sub> min.	3 d <sub>2</sub> Thread	d <sub>3</sub>	k	l <sub>2</sub>	l <sub>3</sub>	l <sub>4</sub>	A/F	Spring load ≈	
									Initial	End
4 .16	4 .16	M 8 x 1	16 .63	21 .83	42 1.65	16 .63	5 .20	10 .39	4.5 N 1.01 lbf	12 N 2.70 lbf
4 .16	6 .24	M 8 x 1	16 .63	21 .83	42 1.65	16 .63	5 .20	10 .39	4 N .90 lbf	12.5 N 2.81 lbf
5 .20	5 .20	M 10 x 1	19 .75	24 .94	48 1.89	18 .71	6 .24	12 .47	5 N 1.12 lbf	15 N 3.37 lbf
5 .20	8 .31	M 10 x 1	19 .75	24 .94	48 1.89	18 .71	6 .24	12 .47	5 N 1.12 lbf	18 N 4.05 lbf
6 .24	6 .24	M 12 x 1.5	23 .91	30 1.18	58 2.28	22 .87	6 .24	14 .55	6.5 N 1.46 lbf	19 N 4.27 lbf
6 .24	9 .35	M 12 x 1.5	23 .91	30 1.18	58 2.28	22 .87	6 .24	14 .55	6 N 1.35 lbf	25 N 5.62 lbf
8 .31	8 .31	M 16 x 1.5	28 1.10	36 1.42	70 2.76	26 1.02	8 .31	17 .67	8.5 N 1.91 lbf	26 N 5.85 lbf
8 .31	12 .47	M 16 x 1.5	28 1.10	36 1.42	70 2.76	26 1.02	8 .31	17 .67	8.5 N 1.91 lbf	28 N 6.29 lbf
10 .39	12 .47	M 16 x 1.5	28 1.10	36 1.42	70 2.76	26 1.02	8 .31	17 .67	9.5 N 2.14 lbf	38 N 8.54 lbf
12 .47	15 .59	M 20 x 1.5	28 1.10	36 1.42	79 3.11	33 1.30	10 .39	22 .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

