



2 Type
B Non lock-out
C Lock-out

Metric table

Dimensions in: millimeters - inches

d ₁ Pin h11 Bore +0.03 -0.08	b ₁	b ₂		b ₃	b ₄ -0.2	d ₂	h ₁	h ₂	h ₃	k ₁ ±0.05	k ₂	k ₃	k ₄		l ₁	l ₂	Spring load ≈	
		Type B	Type C										Type B	Type C			Initial	End
4 0.16	22 0.87	16.5 0.65	19 0.75	6 0.24	3.3 0.13	12 0.47	7 0.28	4 0.16	10 0.39	14 0.55	4 0.16	8 0.31	4.5 0.18	7 0.28	4 0.16	10.5 0.41	3 N 0.67 lbf	12 N 2.70 lbf
5 0.20	28 1.10	22 0.87	25.5 1.00	8 0.31	4.3 0.17	16 0.63	9.5 0.37	4.5 0.18	13.5 0.53	18 0.71	5 0.20	10 0.39	7 0.28	10.5 0.41	5 0.20	13 0.51	5 N 1.12 lbf	24 N 5.40 lbf
6 0.24	32 1.26	27.5 1.08	30.5 1.20	10 0.39	5.4 0.21	18 0.71	10.5 0.41	5 0.20	15.5 0.61	21 0.83	5.5 0.22	12 0.47	10 0.39	13 0.51	6 0.24	15.5 0.61	5 N 1.12 lbf	21 N 4.72 lbf
8 0.31	34 1.34	33 1.30	37.5 1.48	12 0.47	5.4 0.21	21 0.83	12.5 0.49	6 0.24	18.5 0.73	23 0.91	5.5 0.22	12 0.47	15.5 0.61	20 0.79	8 0.31	18 0.71	6 N 1.35 lbf	22 N 4.95 lbf
10 0.39	39 1.54	35 1.38	40 1.57	14.5 0.57	6.5 0.26	25 0.98	14.5 0.57	6 0.24	21.75 0.86	27 1.06	6 0.24	15 0.59	13.5 0.53	18.5 0.73	10 0.39	22.5 0.89	4 N 0.90 lbf	25 N 5.62 lbf

Specification

- Housing
 - Zinc die-cast
 - Powder coated
 - Black, textured finish
 - Stainless steel precision casting AISI CF-8 NI
 - Plain, matte shot-blasted finish
- Plunger pin
 - Stainless steel AISI 303
- Spring
 - Stainless steel AISI 301
- Knob
 - Plastic
 - Technopolymer (Polyamide PA)
 - Temperature resistant up to 230 °F (110 °C)
 - Black, matte finish
 - Not removable
- Load Rating Information → page 2103
- ISO Fundamental Tolerances → page 2129
- Plastic Characteristics → page 2135
- Stainless Steel Characteristics → page 2143
- RoHS compliant

Accessory

- Locators GN 417.1 → www.jwwinco.com

Information

GN 417 indexing plunger latch mechanisms with flange are mounted parallel to the plunger pin and are therefore characterized by an especially low height. The mounting hole pattern with slotted holes offers additional mounting options, such as for the use of aluminum profiles. The use of washers makes it easier to mount the parts using the slotted holes.

Indexing plunger latch mechanisms with lock-out (type C) are used for such 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.

The stainless steel version allows the indexing plunger latch mechanisms to be used in aggressive environments.

The fastening range is designed so that ISO 7092 washers can be used.

In addition to using metric fasteners for mounting:

- where b₄ = 3.3 mm, #4-40 socket cap screws can be used
- where b₄ = 4.3 mm, #6-32 socket cap screws can be used
- where b₄ = 5.4 mm, #10-24 socket cap screws can be used

see also...

- List of Indexing Plunger Types → page 915
- Product Family Standard Parts for Profile Systems → page 18

How to order (Zinc Die-Cast) GN 417-8-C	1	Pin diameter d ₁
	2	Type

How to order (Stainless steel) GN 417-8-B-NI	1	Pin diameter d ₁
	2	Type
	3	Material

3.1
3.2
3.3
3.4
3.5
3.6
3.7
3.8
3.9
3.10