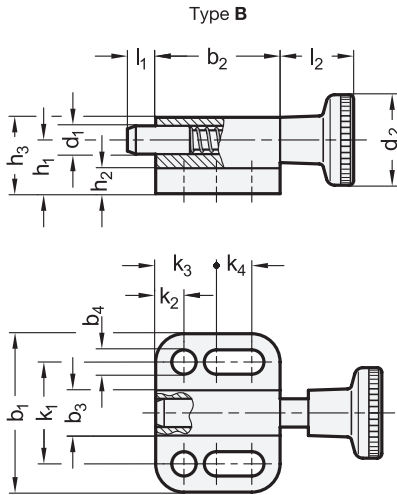


GN 417

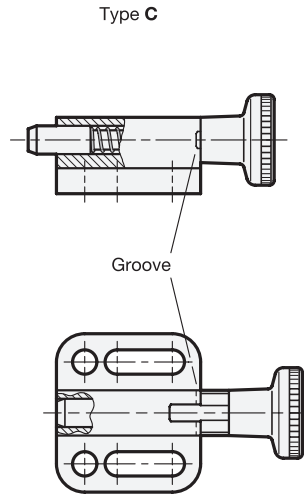
Zinc Die Casting / Stainless Steel

Indexing Plungers

with Knob, with and without Rest Position



Plunger pin retracted



Plunger pin retracted



2 Type

- B** Without rest position, with knob
- C** With rest position, with knob



d ₁ Pin h11 Bore <small>+0,03 +0,08</small>	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 in N ≈	
		Type B	Type C										Type B	Type C			Initial	End
4	22	16,5	19	6	3,3	12	7	4	10	14	4	8	4,5	7	4	10,5	3	12
5	28	22	25,5	8	4,3	16	9,5	4,5	13,5	18	5	10	7	10,5	5	13	5	24
6	32	27,5	30,5	10	5,4	18	10,5	5	15,5	21	5,5	12	10	13	6	15,5	5	21
8	34	33	37,5	12	5,4	21	12,5	6	18,5	23	5,5	12	15,5	20	8	18	6	22
10	39	35	40	14,5	6,5	25	14,5	6	21,75	27	6	15	13,5	18,5	10	22,5	4	25

Specification

- Guide
 - Zinc die casting —
 - Powder coated black, textured finish
 - Stainless steel precision casting **NI**
 - AISI CF-8
 - Plain, matte shot-blasted
- Plunger pin
Stainless steel AISI 303
- Pressure spring
Stainless steel AISI 301
- Knob
 - Plastic (Polyamide PA)
 - Black, matte finish
 - Not removable
- Load Rating Information → Page 2132
- ISO Fundamental Tolerances → Page 2151
- Plastic Characteristics → Page 2158
- Stainless Steel Characteristics → Page 2166
- RoHS

Accessory

- Locators GN 417.1 → Page 933

Information

Indexing plungers GN 417 with flange are mounted parallel to the plungers and are characterized by an especially low height. The mounting hole pattern with slots offers generous adjustment options, such as for the use of aluminum sections. The use of washers makes it easier to mount the parts using the slots.

Indexing plungers with rest position (type C) are used for such applications where the plunger has to stay in its retracted position. After pulling out, the knob is turned by 90°. A notch keeps the plunger in this position.

The stainless steel versions allow the indexing plungers to be used in more aggressive environments.

see also...

- List of Indexing Plunger Types → Page 884 ff.
- Positioning Bushings GN 412.2 / GN 412.4 → Page 954
- Indexing Plungers GN 412 (with and without Rest Position) → Page 930
- Spring Latches GN 416 (with and without Rest Position) → Page 931
- Assembly Sets for Profile Systems GN 965 / GN 968 → Page 2086 / 2096

How to order (Zinc die casting)

1	d ₁
2	Type
GN417-4-C	

How to order (Stainless steel)

1	d ₁
2	Type
3	Material
GN417-8-B-NI	

3.1

3.2

3.3

3.4

3.5

3.6

3.7

3.8

3.9

