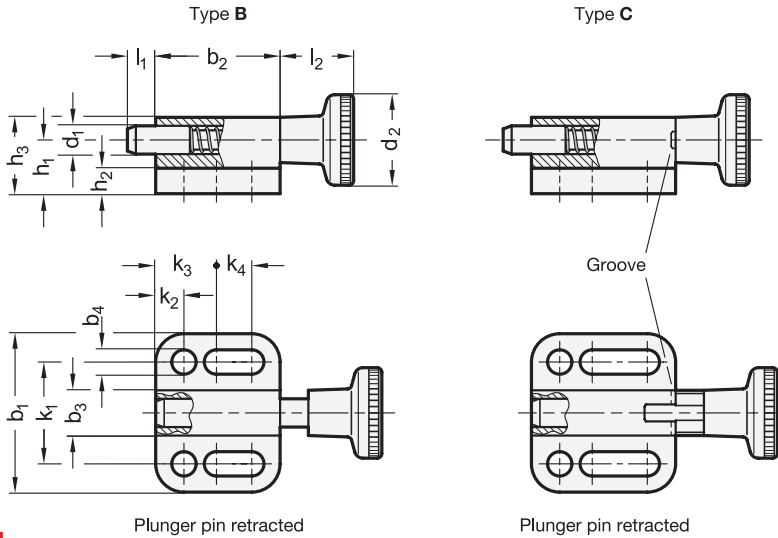


# GN 417

Zinc die casting / Stainless Steel

# Indexing plungers

with knob, with and without rest position



## 2 Type

- B** without rest position, with knob
- C** with rest position, with knob

d <sub>1</sub> Pin h11 Bore <sup>+0,03</sup> / <sub>-0,08</sub>	b <sub>1</sub>	b <sub>2</sub>		b <sub>3</sub>	b <sub>4</sub> -0,2	d <sub>2</sub>	h <sub>1</sub>	h <sub>2</sub>	h <sub>3</sub>	k <sub>2</sub>	k <sub>1</sub> ±0,05	k <sub>3</sub>	k <sub>4</sub>		l <sub>1</sub>	l <sub>2</sub>	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	4	14	8	4,5	7	4	10,5	3	12
5	28	22	25,5	8	4,3	16	9,5	4,5	13,5	5	18	10	7	10,5	5	13	5	24
6	32	27,5	30,5	10	5,4	18	10,5	5	15,5	5,5	21	12	10	13	6	15,5	5	21
8	34	33	37,5	12	5,4	21	12,5	6	18,5	5,5	23	12	15,5	20	8	18	6	22
10	39	35	40	14,5	6,5	25	14,5	6	21,75	6	27	15	13,5	18,5	10	22,5	4	25

## Specification

- Guide
  - Zinc die casting —
  - Plastic coated black, textured finish
  - Stainless Steel precision casting **NI**
  - CF-8 blank, matte shot-blasted
- Plunger pin  
Stainless Steel AISI 303
- Spring  
Stainless Steel AISI 301
- Knob
  - Plastic (Polyamide PA)
  - black, matte
  - not removable
- Load rating information → Page 1463
- ISO-Fundamental tolerances → Page 1479
- Plastic characteristics → Page 1483
- Stainless Steel characteristics → Page 1489
- RoHS

## Accessory

- Locators GN 417.1 → Page 677

## 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 640 ff.
- Positioning bushings GN 412.2 / GN 412.4 → Page 696
- Indexing plungers GN 412 (with and without rest position) → Page 674
- Spring latches GN 416 (with and without rest position) → Page 675
- Assembly sets for profile systems GN 965 / GN 968 → Page 1428 / 1438

How to order (Zinc die casting)	1	d <sub>1</sub>
GN417-4-C	2	Type

How to order (Stainless Steel)	1	d <sub>1</sub>
GN417-8-B-NI	2	Type
	3	Material