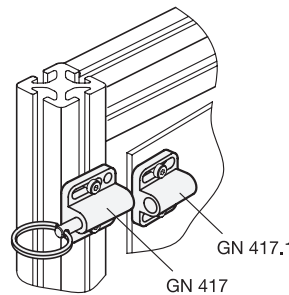


Application example



**2 Type**

- A With pull ring
- D With wire loop

**Metric table**



Dimensions in: millimeters - inches

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>	d <sub>3</sub>	h <sub>1</sub>	h <sub>2</sub>	h <sub>3</sub>	k <sub>1</sub> ±0.05	k <sub>2</sub>	k <sub>3</sub>	k <sub>4</sub>	l <sub>1</sub>	l <sub>2</sub>	Spring load ≈	
																Initial	End
4 0.16	22 0.87	16.5 0.65	6 0.24	3.3 0.13	14 0.55	6 0.24	7 0.28	4 0.16	10 0.39	14 0.55	4 0.16	8 0.31	4.5 0.18	4 0.16	13 0.51	3 N 0.67 lbf	12 N 2.70 lbf
5 0.20	28 1.10	22 0.87	8 0.31	4.3 0.17	18 0.71	7.2 0.28	9.5 0.37	4.5 0.18	13.5 0.53	18 0.71	5 0.20	10 0.39	7 0.28	5 0.20	15.5 0.61	5 N 1.12 lbf	24 N 5.40 lbf
6 0.24	32 1.26	27.5 1.08	10 0.39	5.4 0.21	24 0.94	9.5 0.37	10.5 0.41	5 0.20	15.5 0.61	21 0.83	5.5 0.22	12 0.47	10 0.39	6 0.24	21 0.83	5 N 1.12 lbf	21 N 4.72 lbf
8 0.31	34 1.34	33 1.30	12 0.47	5.4 0.21	30 1.18	11.8 0.46	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	8 0.31	26 1.02	6 N 1.35 lbf	22 N 4.95 lbf
10 0.39	39 1.54	35 1.38	14.5 0.57	6.5 0.26	30 1.18	11.8 0.46	14.5 0.57	6 0.24	21.75 0.86	27 1.06	6 0.24	15 0.59	13.5 0.53	10 0.39	26 1.02	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
- Pull ring / wire loop
  - Stainless steel AISI 301
- RoHS compliant

**Accessory**

- Locators GN 417.1

**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.

Type D has a reinforced wire loop, making it especially suited for remote actuation, e.g. by Bowden cable.

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 b<sub>4</sub> = 3.3 mm, #4-40 socket cap screws can be used
- where b<sub>4</sub> = 4.3 mm, #6-32 socket cap screws can be used
- where b<sub>4</sub> = 5.4 mm, #10-24 socket cap screws can be used

see also...

- List of Indexing Plunger Types
- Locating Bushings GN 412.2 / GN 412.4

How to order (Zinc Die-Cast)	1 Pin diameter d <sub>1</sub>
<b>GN 417-6-A</b>	2 Type

How to order (Stainless steel)	1 Pin diameter d <sub>1</sub>
<b>GN 417-10-D-NI</b>	2 Type
	3 Material