



2 Type

- A With pull ring
- D With wire loop

Metric table



Dimensions in: millimeters - inches

d ₁ Pin h11 Bore +0.03 -0.08	d ₂	d ₃	b ₁	b ₂	b ₃	b ₄ -0.2	h ₁	h ₂	h ₃	k ₁ ±0.05	k ₂	k ₃	k ₄	l ₁	l ₂	Spring load ≈	
																Initial	End
4	12	6	22	16.5	6	3.3	7	4	10	14	4	8	4.5	4	13	3 N	12 N
.16	.47	.24	.87	.65	.24	.13	.28	.16	.39	.55	.16	.31	.18	.16	.51	.67 lbf	2.70 lbf
5	16	7.2	28	22	8	4.3	9.5	4.5	13.5	18	5	10	7	5	15.5	5 N	24 N
.20	.63	.28	1.10	.87	.31	.17	.37	.18	.53	.71	.20	.39	.28	.20	.61	1.12 lbf	5.40 lbf
6	18	9.5	32	27.5	10	5.4	10.5	5	15.5	21	5.5	12	10	6	21	5 N	21 N
.24	.71	.37	1.26	1.08	.39	.21	.41	.20	.61	.83	.22	.47	.39	.24	.83	1.12 lbf	4.72 lbf
8	21	11.8	34	33	12	5.4	12.5	6	18.5	23	5.5	12	15.5	8	26	6 N	22 N
.31	.83	.46	1.34	1.30	.47	.21	.49	.24	.73	.91	.22	.47	.61	.31	1.02	1.35 lbf	4.95 lbf
10	25	11.8	39	35	14.5	6.5	14.5	6	21.75	27	6	15	13.5	10	26	4 N	25 N
.39	.98	.46	1.54	1.38	.57	.26	.57	.24	.86	1.06	.24	.59	.53	.39	1.02	.90 lbf	5.62 lbf

Specification

- Housing
Zinc die-cast
Powder coated
Black, textured finish
- Plunger pin
Stainless steel
European Standard No. 1.4305 (AISI 303)
- Spring
Stainless steel
European Standard No. 1.4310 (AISI 301)
- Pull ring / wire loop
Stainless steel
European Standard No. 1.4310 (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 have an especially low height. The mounting hole pattern with slots offers additional mounting options, such as for the use of aluminum profile systems. The use of washers makes it easier to mount the parts using the slots.

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

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...

- Product Range Standard Parts for Profile Systems
- List of Indexing Plunger Types
- Locating Bushings GN 412.2 / GN 412.4
- Indexing Plungers GN 412 (Lock-Out and Non Lock-Out)
- Indexing Plunger Latch Mechanisms GN 416 (Lock-Out and Non Lock-Out)
- T-Nut Assemblies GN 965 (for 30 / 40 mm T-Slot Profile Systems)
- T-Nut Assemblies GN 968 (for 30 / 40 / 45 mm T-Slot Profile Systems)

How to order

GN 417-6-A

1	Pin diameter d ₁
2	Type