

Indexing Plungers

Zinc Die Casting, with Flange for Surface Mounting, with and without Rest Position

SPECIFICATION

Types

- Type **B**: without rest position
- Type **C**: with rest position

Identification no.

- No. **1**: Mounting from the front
- No. **2**: Mounting from the back

Guide

Zinc die casting
plastic coated
black, textured finish

Pin

Stainless Steel AISI 303

Spring

Stainless Steel AISI 301

Knob

Plastic (Polyamide PA)

- black, matt finish
- not removable



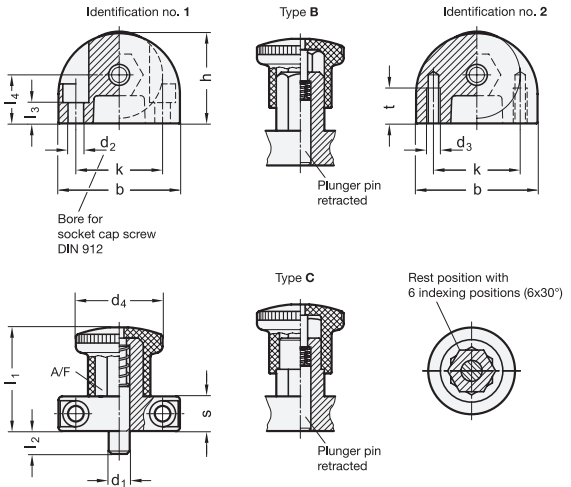
INFORMATION

The outstanding feature of the indexing plungers GN 412 is their compact design. They are mounted either from the front with cylinder head screws or from the back through threads. In Type C, the knob can be turned by 30° after retracting the indexing pin, holding it in the "retracted" position by means of the indexing lock.

The dimensions and connection measurements match the combination with GN 412.1 (see page 814) mounting blocks in connection with positioning bushings GN 412.2 (see page 813) or GN 412.3 (see page 812).

TECHNICAL INFORMATION

- Plastic characteristics (see page A2)
- Stainless Steel characteristics (see page A26)
- Load rating information (see page A42)



GN 412

Description	d1 Pin 0/-0.06 Bore +0.05/+0.1	b	d2	d3	d4	h	k	l1	l2 min.	l3	l4	s	A/F	t	Spring load in N ≈ initial	Spring load in N ≈ end	
GN 412-5-35-B-1	5	35	4.3	-	25	26	25	32	6	6	14	12	12	-	5	15	63
GN 412-5-35-B-2	5	35	-	M 4	25	26	25	32	6	-	14	12	12	10	5	15	71
GN 412-6-35-B-1	6	35	4.3	-	25	26	25	32	6	6	14	12	12	-	5	15	64
GN 412-6-35-B-2	6	35	-	M 4	25	26	25	32	6	-	14	12	12	10	5	15	71
GN 412-8-47-B-1	8	47	5.3	-	33	34	35	39	10	10	18	14	17	-	9	35	140
GN 412-8-47-B-2	8	47	-	M 5	33	34	35	39	10	-	18	14	17	12	9	35	152
GN 412-10-47-B-1	10	47	5.3	-	33	34	35	39	10	10	18	14	17	-	9	35	143
GN 412-10-47-B-2	10	47	-	M 5	33	34	35	39	10	-	18	14	17	12	9	35	154
GN 412-5-35-C-1	5	35	4.3	-	25	26	25	32	6	6	14	12	12	-	5	15	63
GN 412-5-35-C-2	5	35	-	M 4	25	26	25	32	6	-	14	12	12	10	5	15	70
GN 412-6-35-C-1	6	35	4.3	-	25	26	25	32	6	6	14	12	12	-	5	15	64
GN 412-6-35-C-2	6	35	-	M 4	25	26	25	32	6	-	14	12	12	10	5	15	71
GN 412-8-47-C-1	8	47	5.3	-	33	34	35	39	10	10	18	14	17	-	9	35	130
GN 412-8-47-C-2	8	47	-	M 5	33	34	35	39	10	-	18	14	17	12	9	35	152
GN 412-10-47-C-1	10	47	5.3	-	33	34	35	39	10	10	18	14	17	-	9	35	143
GN 412-10-47-C-2	10	47	-	M 5	33	34	35	39	10	-	18	14	17	12	9	35	155