



BODY

Die-cast zinc alloy, epoxy resin coating, black colour, matte finish.

PLUNGER

AlSi 303 stainless steel.

SPRING

AlSi 301 stainless steel.

KNOB

High-resilience polyamide based (PA) technopolymer, black colour, matte finish.

STANDARD EXECUTIONS

- **GN 412-B**: without rest position.
- **GN 412-C**: with six detent positions, by pulling and turning the knob by 30 °. (Fig.1)

Index for body fixing mode:

- **1**: with pass-through holes for front fixing
- **2**: with threaded holes for rear fixing

FEATURES AND APPLICATIONS

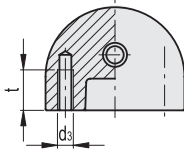
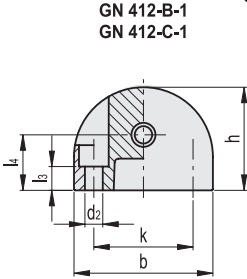
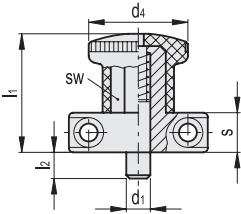
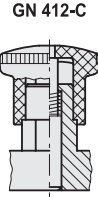
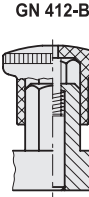
For optimal positioning of GN 412 mini indexing plunger use positioning flanges GN 412.1 (see page 899), hexagonal-head bosses GN 412.2 (see page 919) or conical head bosses GN 412.3 (see page 919).



Fig.1



GN 412-B-2
GN 412-C-2



Conversion Table 1 mm = 0.039 inch	
d1	
mm	inch
5	0.20
6	0.24
8	0.31
10	0.39

GN 412-B

METRIC

Code	Description	d1 Plunger -0.06 Hole +0.1 +0.05	d2	d3	d4	b	h	k	l1	l2	l3	l4	s	sw	t	Spring preload [N]	Spring max load [N]	
GN.41171	GN 412-5-35-B-1	5	4.3	-	25	35	26	25	32	6	6	14	12	12	-	5	15	132
GN.41177	GN 412-6-35-B-1	6	4.3	-	25	35	26	25	32	6	6	14	12	12	-	5	15	134
GN.41183	GN 412-8-47-B-1	8	5.3	-	33	47	34	35	39	10	10	18	14	17	-	9	35	139
GN.41189	GN 412-10-47-B-1	10	5.3	-	33	47	34	35	39	10	10	18	14	17	-	9	35	142
GN.41172	GN 412-5-35-B-2	5	-	M4	25	35	26	25	32	6	-	14	12	12	10	5	15	138
GN.41178	GN 412-6-35-B-2	6	-	M4	25	35	26	25	32	6	-	14	12	12	10	5	15	145
GN.41184	GN 412-8-47-B-2	8	-	M5	33	47	34	35	39	10	-	18	14	17	12	9	35	151
GN.41190	GN 412-10-47-B-2	10	-	M5	33	47	34	35	39	10	-	18	14	17	12	9	35	154

GN 412-C

GN.41174	GN 412-5-35-C-1	5	4.3	-	25	35	26	25	32	6	6	14	12	12	-	5	15	133
GN.41180	GN 412-6-35-C-1	6	4.3	-	25	35	26	25	32	6	6	14	12	12	-	5	15	138
GN.41186	GN 412-8-47-C-1	8	5.3	-	33	47	34	35	39	10	10	18	14	17	-	9	35	140
GN.41192	GN 412-10-47-C-1	10	5.3	-	33	47	34	35	39	10	10	18	14	17	-	9	35	143
GN.41175	GN 412-5-35-C-2	5	-	M4	25	35	26	25	32	6	-	14	12	12	10	5	15	139
GN.41181	GN 412-6-35-C-2	6	-	M4	25	35	26	25	32	6	-	14	12	12	10	5	15	146
GN.41187	GN 412-8-47-C-2	8	-	M5	33	47	34	35	39	10	-	18	14	17	12	9	35	152
GN.41193	GN 412-10-47-C-2	10	-	M5	33	47	34	35	39	10	-	18	14	17	12	9	35	155