

GN 817.3 | Indexing plungers

with flange, steel



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BASE FLANGE

Black-oxide steel.

PLUNGER

Ground and black-oxide steel with hardened end.
Suggested tolerance for matching hole = G6.

KNOB

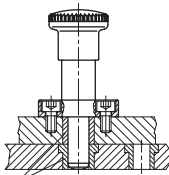
High-resilience polyamide based (PA) special technopolymer, black colour, matte finish.

FEATURES AND APPLICATIONS

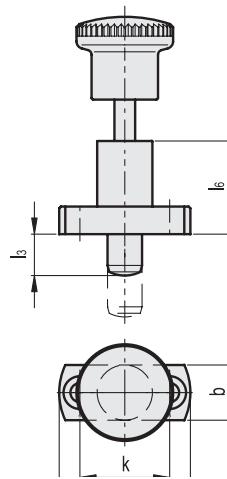
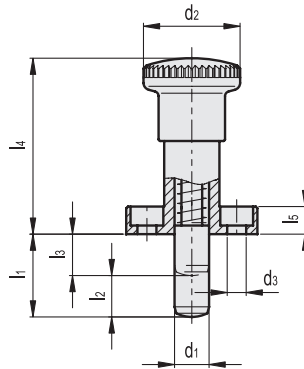
GN 817.3 indexing plungers are particularly suitable for applications where precise positioning is necessary. For this purpose, they are generally used in combination with guide bushings DIN 172 (see page 1024) or DIN 179 (see page 1026) whose length is determined by the protrusion of the plunger (l2).

ACCESSORIES ON REQUEST

GN 770 guide bushings in ground and hardened steel, with matching hole in G6 tolerance.



DIN 172
DIN 179



Conversion Table	
1 mm = 0,039 inch	
d1	
mm	inch
6	0.24
8	0.31
10	0.39

METRIC

Code	Description	d1														Spring preload [N]	Spring max load [N]	⚖️
		Plunger h7 Hole G6	d2	d3	d4	b	k	l1	l2	l3	l4	l5	l6					
GN.33971	GN 817.3-6-18-B	6	23	4.3	34	13	23	18	9	9	45	6	25	6	25	43		
GN.33975	GN 817.3-6-24-B	6	23	4.3	34	13	23	24	9	15	45	6	25	6	25	46		
GN.34001	GN 817.3-8-20-B	8	28	5.5	38	16	26	20	10	10	51	8	27	8.5	28	47		
GN.33981	GN 817.3-8-22-B	8	28	5.5	38	16	26	22	10	12	51	8	27	8.5	28	50		
GN.34011	GN 817.3-8-26-B	8	28	5.5	38	16	26	26	10	16	51	8	27	8.5	28	56		
GN.33985	GN 817.3-8-30-B	8	28	5.5	38	16	26	30	10	20	51	8	27	8.5	28	60		
GN.33991	GN 817.3-10-22-B	10	28	5.5	38	16	26	22	12	10	51	8	27	9.5	38	60		
GN.34025	GN 817.3-10-24-B	10	28	5.5	38	16	26	24	12	12	51	8	27	9.5	38	64		
GN.33995	GN 817.3-10-28-B	10	28	5.5	38	16	26	28	12	16	51	8	27	9.5	38	68		
GN.34035	GN 817.3-10-32-B	10	28	5.5	38	16	26	32	12	20	51	8	27	9.5	38	74		

Indexing and positioning elements