

GN 617 | Indexing plungers

Black-oxide steel



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1 THREADED BODY

Black-oxide steel.

2 PLUNGER

Black-oxide steel with hardened end.

Suggested tolerance for matching hole = H7.

3 LOCKING NUT

Black-oxide steel.

4 KNOB

High-resilience polyamide based (PA) technopolymer, black colour, matte finish or AISI 303 stainless steel.

5 STANDARD EXECUTIONS

- **GN 617-A:** with knob, without locking nut.

- **GN 617-AK:** with knob, with locking nut.

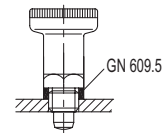
- **GN 617-G:** without knob, without locking nut.

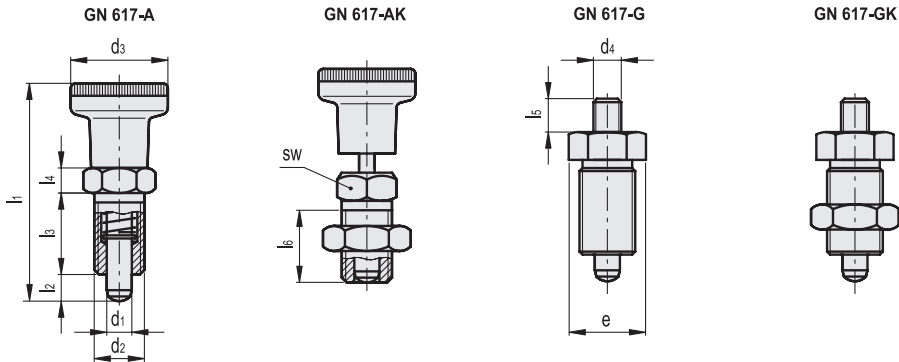
- **GN 617-GK:** without knob, with locking nut.

GN 617-G and GN 617-GK, without knob, are provided with threaded drive rod for combination with knobs on customer's request or to join the rod to an operating mechanism of the machine.

6 ACCESSORIES ON REQUEST

- AISI 303 stainless steel distance bushings GN 609.5 (see page 562) for assembling the plunger on thin sheets.





GN 617-A

Code	Description	d1 Plunger -0.02 -0.04 Hole H7	d2	d3	e	l1	l2	l3	l4	l6	sw	Spring preload [N]	Spring max load [N]	⚖
GN.35101	GN 617-5-A	5	M10x1	21	13.8	45	5	17	5	15	12	7	17	18
GN.35111	GN 617-6-A	6	M12x1.5	25	16.2	54.5	6	20	6	17	14	9	24	32
GN.35121	GN 617-8-A	8	M16x1.5	31	21.9	69	8	26	8	23	19	11	30	70
GN.35131	GN 617-10-A	10	M20x1.5	31	25.4	80	10	33	10	30	22	19	45	110

GN 617-AK

Code	Description	d1 Plunger -0.02 -0.04 Hole H7	d2	d3	e	l1	l2	l3	l4	l6	sw	Spring preload [N]	Spring max load [N]	⚖
GN.35102	GN 617-5-AK	5	M10x1	21	13.8	45	5	17	5	15	12	7	17	24
GN.35112	GN 617-6-AK	6	M12x1.5	25	16.2	54.5	6	20	6	17	14	9	24	42
GN.35122	GN 617-8-AK	8	M16x1.5	31	21.9	69	8	26	8	23	19	11	30	90
GN.35132	GN 617-10-AK	10	M20x1.5	31	25.4	80	10	33	10	30	22	19	45	143

GN 617-G

Code	Description	d1 Plunger -0.02 -0.04 Hole H7	d2	d3	d4	e	l1	l2	l3	l4	l5	l6	sw	Spring preload [N]	Spring max load [N]	⚖
GN.35106	GN 617-5-G	5	M10x1	21	M5	13.8	45	5	17	5	6	15	12	7	17	15
GN.35116	GN 617-6-G	6	M12x1.5	25	M6	16.2	54.5	6	20	6	10	17	14	9	24	25
GN.35126	GN 617-8-G	8	M16x1.5	31	M8	21.9	69	8	26	8	12	23	19	11	30	53
GN.35136	GN 617-10-G	10	M20x1.5	31	M8	25.4	80	10	33	10	12	30	22	19	45	98

GN 617-GK

Code	Description	d1 Plunger -0.02 -0.04 Hole H7	d2	d3	d4	e	l1	l2	l3	l4	l5	l6	sw	Spring preload [N]	Spring max load [N]	⚖
GN.35107	GN 617-5-GK	5	M10x1	21	M5	13.8	45	5	17	5	6	15	12	7	17	22
GN.35117	GN 617-6-GK	6	M12x1.5	25	M6	16.2	54.5	6	20	6	10	17	14	9	24	35
GN.35127	GN 617-8-GK	8	M16x1.5	31	M8	21.9	69	8	26	8	12	23	19	11	30	72
GN.35137	GN 617-10-GK	10	M20x1.5	31	M8	25.4	80	10	33	10	12	30	22	19	45	129

