

GN 617.1

Indexing plungers with rest position

- **Threaded body**
Black-oxide steel.
- **Plunger**
Black-oxide steel with hardened end. Suggested matching hole in H7 tolerance.
- **Locking nut**
Black-oxide steel.
- **“Push/Pull” knurled knob**
High resilience polyamide based (PA) technopolymer, black colour, matte finish. Resistant to solvents, oils, greases and other chemical agents.
- **Standard executions available**
 - Execution **A**: with knob, without locking nut.
 - Execution **AK**: with knob and locking nut, ISO 8675.



Accessories on request (For sufficient quantities)

GN 609 black-oxide steel distance bushings are available for making up for the length of the threading in case the plunger is assembled on thin sheets.

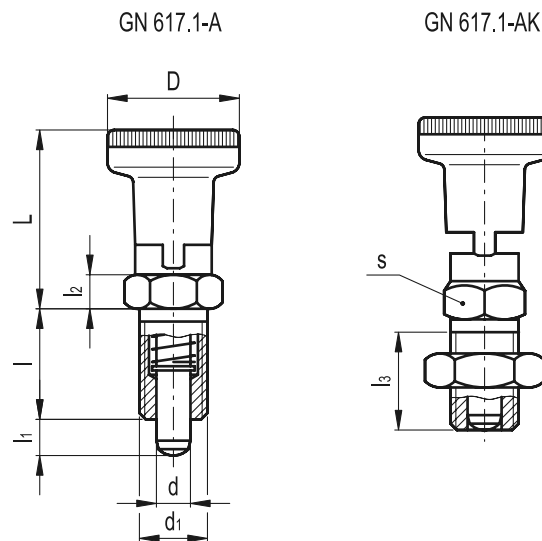
Applications

GN 617.1 indexing plungers with rest position are used where positioning operations are required and in those applications where the plunger needs to be locked in the retracted position.

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510

Indexing elements



Standard Elements	Main dimensions									Spring pressure		g
	$\begin{matrix} -0.02 \\ d-0.04 \end{matrix}$	L	d ₁	D	l	l ₁ min.	l ₂	l ₃ min.	s	Preload [N~]	Max. load [N~]	
GN 617.1-5-A	5	29	M10x1	21	17	5	5	15	12	7	17	23
GN 617.1-6-A	6	35	M12x1.5	25	20	6	6	17	14	9	24	34
GN 617.1-8-A	8	42.5	M16x1.5	31	26	7	8	23	19	11	30	79
GN 617.1-10-A	10	48	M20x1.5	31	33	10	10	30	22	19	45	130
GN 617.1-5-AK	5	29	M10x1	21	17	5	5	15	12	7	17	30
GN 617.1-6-AK	6	35	M12x1.5	25	20	6	6	17	14	9	24	48
GN 617.1-8-AK	8	42.5	M16x1.5	31	26	7	8	23	19	11	30	91
GN 617.1-10-AK	10	48	M20x1.5	31	33	10	10	30	22	19	45	163



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