



ROSTFREI Rost frei
Inox Stainless Steel
Inch sizes available

- 2 Type**
- A** with plastic knob, without lock nut
 - AK** with plastic knob, with lock nut
 - AN** with Stainless Steel knob, without lock nut
 - AKN** with Stainless Steel knob, with lock nut
 - G** with threaded rod, without lock nut
 - GK** with threaded rod, with lock nut

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d ₁ Pin -0,02 -0,05 Bore H7	d ₂	d ₃	d ₄	e	l ₁ ≈	l ₂	l ₃	l ₄	l ₅ min.	l ₆	l ₇	A/F	Spring load in N ≈			
													Steel		Stainless Steel	
													initial	end	initial	end
5	M 10 x 1	21	M 5	13,8	45	5	17	5	15	6	4,5	12	7	17	6	15
6	M 12 x 1,5	25	M 6	16,2	54,5	6	20	6	17	10	8	14	9	24	8	21
8	M 16 x 1,5	31	M 8	21,9	69	8	26	8	23	12	10	19	11	30	9	26
10	M 20 x 1,5	31	M 8	25,4	80	10	33	10	30	12	12	22	19	45	17	40

Specification

- Steel —
- blackened
- Plunger pin hardened
- Stainless Steel AISI 303 **NI**
- Plunger pin chemically nickel plated
- Knob Type A / AK
- Plastic (Polyamide PA)
- black, matte
- not removable
- Knob Type AN / AKN
- Stainless Steel AISI 303
- not removable
- Load rating information → Page 1463
- ISO-Fundamental tolerances → Page 1479
- Stainless Steel characteristics → Page 1489
- Plastic characteristics → Page 1483
- RoHS

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Information

Type G or GK of the GN 617 indexing plungers have been designed for applications where the indexing plunger is not operated with the standard knob.

The indexing plungers are designed such that the plunger set in the end position (spring is „on block“) can also absorb axial forces. For applications in which these forces are substantially above the tensile force applied by the operator (Type G), GN 817 indexing plungers are to be preferred.

see also...

- List of indexing plunger types → Page 640 ff.
- Mounting blocks GN 412.1 → Page 698
- Positioning bushings GN 412.2 → Page 696
- Distance bushings GN 609.5 (to limit the thread length) → Page 694

How to order (Steel, with plastic knob)

GN617-6-A

1 d₁

2 Type

How to order (Stainless Steel, with St. Steel knob)

GN617-8-AKN-NI

1 d₁

2 Type

3 Material