



- 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

**1**

d <sub>1</sub> Pin <small>-0.02 -0.05</small> Bore H7	d <sub>2</sub>	d <sub>3</sub>	e	l <sub>1</sub> ≈	l <sub>2</sub>	l <sub>3</sub>	l <sub>4</sub>	l <sub>5</sub> min.	A/F	Spring load in N ≈			
										Steel initial	Steel end	Stainless Steel initial	Stainless Steel end
5	M 10 x 1	21	13,8	51	5	17	5	15	12	7	17	6	15
6	M 12 x 1,5	25	16,2	61	6	20	6	17	14	9	24	8	21
8	M 16 x 1,5	31	21,9	75,5	7	26	8	23	19	11	30	9	26
10	M 20 x 1,5	31	25,4	91	10	33	10	30	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

**3**

**Information**

Indexing plungers GN 617.1 with rest position are used for such applications where the plunger has to stay in its retracted position. To achieve this, the knob is rotated by 90° degrees after being retracted. A notch keeps the plunger in this position.

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
- Flat hexagonal nuts GN 909 / GN 909.5 → Page 453

How to order (Steel, with plastic knob)	1	d <sub>1</sub>
<b>GN 617.1 -6-A</b>	2	Type

How to order (Stainless Steel, with plastic knob)	1	d <sub>1</sub>
<b>GN 617.1 -8-AK -NI</b>	2	Type
	3	Material

How to order (Stainless Steel, with St. Steel knob)	1	d <sub>1</sub>
<b>GN 617.1 -8- AKN -NI</b>	2	Type
	3	Material

