



SS Stainless Steel

- 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 stem, without lock nut
  - GK** With threaded stem, with lock nut

**Metric table**

Dimensions in: millimeters - inches

d <sub>1</sub> Pin -0.02 -0.05 Bore H7	d <sub>2</sub> Thread	d <sub>3</sub>	d <sub>4</sub> Thread	l <sub>1</sub> ≈	l <sub>2</sub>	l <sub>3</sub>	l <sub>4</sub>	l <sub>5</sub>	Spring load ≈				Part number installation tool
									Steel		Stainless steel		
									Initial	End	Initial	End	
5 0.20	M 10 x 1	21 0.83	M 5	45 1.77	5 0.20	22 0.87	6 0.24	4.5 0.18	7 N 1.57 lbf	17 N 3.82 lbf	6 N 1.35 lbf	15 N 3.37 lbf	GN 613.1-5
6 0.24	M 12 x 1.5	25 0.98	M 6	54.5 2.15	6 0.24	26 1.02	10 0.39	8 0.31	9 N 2.02 lbf	24 N 5.40 lbf	8 N 1.80 lbf	21 N 4.72 lbf	GN 613.1-6
8 0.31	M 16 x 1.5	31 1.22	M 8	69 2.72	8 0.31	34 1.34	12 0.47	10 0.39	11 N 2.47 lbf	30 N 6.74 lbf	9 N 2.02 lbf	26 N 5.85 lbf	GN 613.1-8
10 0.39	M 20 x 1.5	31 1.22	M 8	80 3.15	10 0.39	43 1.69	12 0.47	12 0.47	19 N 4.27 lbf	45 N 10.12 lbf	17 N 3.82 lbf	40 N 8.99 lbf	GN 613.1-10

**Specification**

- Threaded body
  - Steel, blackened finish
  - Plunger pin hardened
  - Stainless steel AISI 303
  - Plunger pin chemically nickel plated
- Knob (Type A / AK)
  - Plastic
  - Technopolymer (Polyamide PA)
  - Temperature resistant up to 230 °F (110 °C)
  - Black, matte finish
  - Not removable
- Knob (Type AN / AKN)
  - Stainless steel AISI 303
  - Not removable
- Lock nut
  - DIN 439 B / ISO 8675
  - Steel, blackened finish
  - Stainless steel (A2)
- Load Rating Information → page 2103
- ISO Fundamental Tolerances → page 2129
- RoHS compliant

**Accessory**

- Installation tools GN 613.1 → page 928 (Part number, see table)

**Information**

GN 613 indexing plungers are a low cost alternative with reduced dimensions.

Type G and GK with threaded stem are for applications where a special knob or attachment is required, or for such cases where the spindle is linked directly to an operating mechanism.

The indexing plungers completely made of stainless steel parts are a good choice for use in corrosion free environments.

GN 613.1 installation tools, available as accessory, reduce the installation time and make it easier to counter hold the plunger during the assembly. The tool is inserted laterally between the knob and the threaded body and engages in the slot provided.

see also...

- List of Indexing Plunger Types → page 915

How to order (Steel, with plastic knob)	1	Pin diameter d <sub>1</sub>
<b>GN613-8-G</b>	2	Type

How to order (Stainless steel, with stainless steel knob)	1	Pin diameter d <sub>1</sub>
<b>GN613-5-AKN-NI</b>	2	Type
	3	Material