



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

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d ₁ Pin -0.02 -0.05 Bore H7	d ₂ Thread	d ₃	d ₄ Thread	l ₁ ≈	l ₂	l ₃	l ₄	l ₅	Spring load ≈		Stainless steel		Part number installation tool
									Steel Initial	End	Initial	End	
5 .20	M 10 x 1	21 .83	M 5	45 1.77	5 .20	22 .87	6 .24	4.5 .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 .24	M 12 x 1.5	25 .98	M 6	54.5 2.15	6 .24	26 1.02	10 .39	8 .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 .31	M 16 x 1.5	31 1.22	M 8	69 2.72	8 .31	34 1.34	12 .47	10 .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 .39	M 20 x 1.5	31 1.22	M 8	80 3.15	10 .39	43 1.69	12 .47	12 .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

Dimensions in: millimeters - inches

Specification

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- Threaded body
 - Steel, blackened finish
 - Plunger pin hardened
 - Stainless steel **NI**
 - European Standard No. 1.4305 (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
 - European Standard No. 1.4305 (AISI 303)
 - Not removable
- Lock nut
 - DIN 439 B / ISO 8675
 - Steel, blackened finish
 - Stainless steel (A2)
- RoHS compliant

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.
 For an additional cost, a special GN 613.1 installation tool is available. Two slots are provided in the upper end of the body which are accessible with the knob in its retracted position.

see also...

- List of Indexing Plunger Types

Accessory

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

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

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