



**SS** Stainless Steel

**3 Type**

- A Without plastic sleeve
- B With plastic sleeve

**Metric table**

Dimensions in: millimeters - inches

d		s	l <sub>1</sub>	l <sub>2</sub>	l <sub>3</sub>	l <sub>4</sub>	l <sub>5</sub>	Spring load ≈	
Steel Pin $-0.02$ $-0.04$ Bore $+0.14$ $+0.1$	Stainless steel Pin $-0.06$ $-0.08$ Bore $+0.14$ $+0.1$							Initial	End
6 0.24	6 0.24	16 0.63	56 2.20	10 0.39	30 1.18	32 1.26	42 1.65	12 N 2.70 lbf	32 N 7.19 lbf
8 0.31	8 0.31	16 0.63	56 2.20	10 0.39	30 1.18	32 1.26	42 1.65	12 N 2.70 lbf	32 N 7.19 lbf
8 0.31	8 0.31	20 0.79	69 2.72	12 0.47	38 1.50	37 1.46	52 2.05	21 N 4.72 lbf	58 N 13.04 lbf
10 0.39	10 0.39	16 0.63	56 2.20	10 0.39	30 1.18	32 1.26	42 1.65	12 N 2.70 lbf	32 N 7.19 lbf
10 0.39	10 0.39	20 0.79	69 2.72	12 0.47	38 1.50	37 1.46	52 2.05	21 N 4.72 lbf	58 N 13.04 lbf
12 0.47	12 0.47	20 0.79	69 2.72	12 0.47	38 1.50	37 1.46	52 2.05	21 N 4.72 lbf	58 N 13.04 lbf

**Specification**

- Body / lever arm
  - Steel, blackened finish, weldable  
Plunger pin nitrided
  - Stainless steel AISI 304  
Weldable  
Plunger pin AISI 303
- Spring  
Stainless steel AISI 301
- Sleeve  
Plastic  
Technopolymer (Polyamide PA)
  - Temperature resistant up to 230 °F (110 °C)
  - Black, matte finish
- Load Rating Information → page 2103
- Plastic Characteristics → page 2135
- Stainless Steel Characteristics → page 2143
- RoHS compliant

**Information**

GN 612.3 cam action indexing plungers are best utilized in applications where the pin may need to be retracted periodically. By rotating the lever arm 180° the plunger pin is withdrawn. The notch allows for safe positioning while the plunger pin is held in the retracted position.

The square body allows the indexing plunger to be welded in any desired position. To prevent excessive heat build-up and the resulting change in the spring properties, mounting the part by spot-welding is recommended.

The plastic ribbed sleeve offers an aesthetically pleasing and comfortable finger grip.

see also...

- List of Cam Action Indexing Plungers Types → page 1001
- Locating Bushings GN 412.2 / GN 412.4 → page 996

How to order (Steel)	1 Pin diameter d
<b>GN612.3-10-16-A</b>	2 Square s
	3 Type

How to order (Stainless steel)	1 Pin diameter d
<b>GN612.3-8-20-B-NI</b>	2 Square s
	3 Type
	4 Material