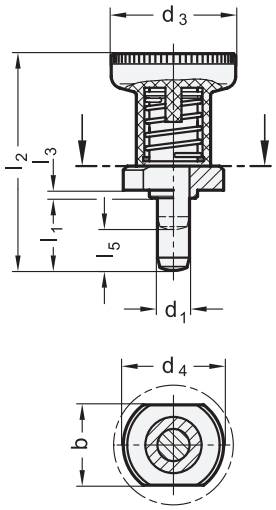
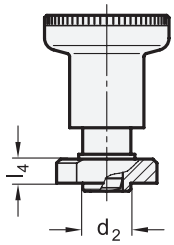
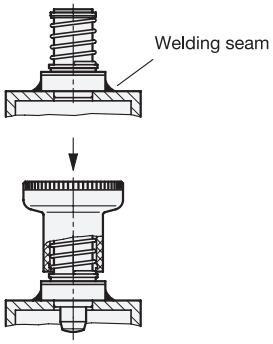




Plunger pin retracted
(if $l_1 = d_1$)

Assembly instruction



To prevent damage of the plastic knob, it will be driven onto the shaft using a plastic mallet, after the welding process.

Metric

Metric table

Dimensions in: millimeters - *inches*

1 d_1 Pin $^{-0.02}_{-0.05}$ Bore $^{+0.30}_{+0.25}$	2 l_1	b	d_2 $^{-0.02}_{-0.1}$	d_3	d_4	l_2	l_3	l_4	l_5 Stroke	Spring load ≈ Initial	Spring load ≈ End	Axial load ≈
6 *0.24*	6 *0.24*	18 *0.71*	10 *0.39*	25 *0.98*	22 *0.87*	37 *1.46*	1.5 *0.06*	5.5 *0.22*	6 *0.24*	9 N *2.02 lbf*	25 N *5.62 lbf*	400 N *89.92 lbf*
6 *0.24*	14 *0.55*	18 *0.71*	10 *0.39*	25 *0.98*	22 *0.87*	45 *1.77*	1.5 *0.06*	5.5 *0.22*	6 *0.24*	9 N *2.02 lbf*	25 N *5.62 lbf*	400 N *89.92 lbf*
8 *0.31*	8 *0.31*	20 *0.79*	12 *0.47*	31 *1.22*	25 *0.98*	44 *1.73*	2 *0.08*	6.5 *0.26*	8 *0.31*	13 N *2.92 lbf*	26 N *5.85 lbf*	500 N *112 lbf*
8 *0.31*	18 *0.71*	20 *0.79*	12 *0.47*	31 *1.22*	25 *0.98*	54 *2.13*	2 *0.08*	6.5 *0.26*	8 *0.31*	13 N *2.92 lbf*	26 N *5.85 lbf*	500 N *112 lbf*

Specification

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- Body
  Steel, blackened finish **ST**
- Plunger pin
  Steel, hardened
- Knob
  Plastic
  Technopolymer (Polyamide PA)
  - Temperature resistant up to 230 °F (110 °C)
  - Black, matte finish
  - Not removable
- *Load Rating Information* → *page QVX*
- *Plastic Characteristics* → *page QVX*
- RoHS compliant

Information

GN 607.5 short indexing plungers are designed to be mounted via welding of the plunger body to the mating material. Typically mounted on steel square tubing. The hub d_2 is designed for positioning.

The plastic knob with molded-in indexing pin is driven on after the welding process. Body and knob come disassembled.

Indexing plungers with lock-out are used for applications where the plunger pin needs 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 the retracted position.

see also...
- *List of Indexing Plunger Types* → *page QVX*
- *Locating Bushings GN 412.2 / GN 412.4* → *page QVX*
- *Locating Bushings with Tapered Flange GN 412.3 / GN 412.5* → *page QVX*

How to order
1 2 3
GN 607.5-6-6-ST

1	**Pin diameter d_1**
2	**Length l_1**
3	**Material**