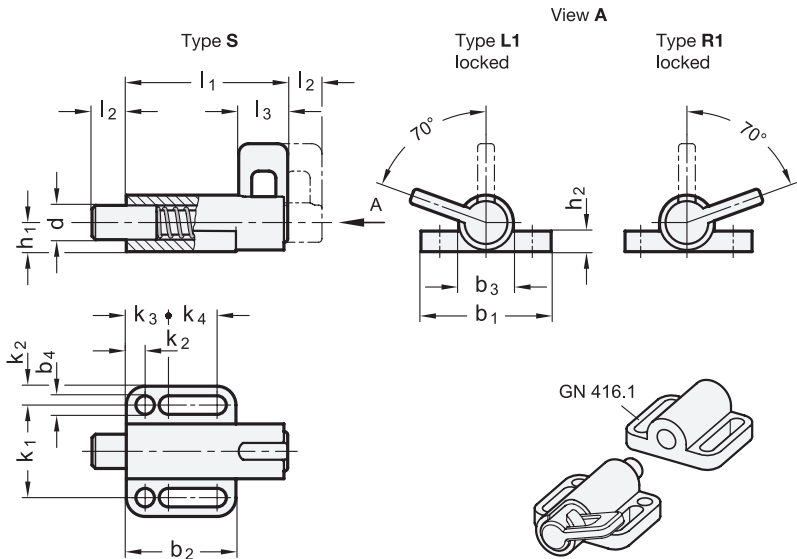




- 3 Type
- S Without latching, non lock-out
- L1 Latching / lock-out via counter-clockwise rotation
- R1 Latching / lock-out via clockwise rotation

Metric table

1 2

Dimensions in: millimeters - inches

d	b ₁	b ₂	b ₃	b ₄	h ₁	h ₂	k ₁	k ₂	k ₃	k ₄	l ₁	l ₂ min.	l ₃	Spring load ≈	
Pin -0.05 Bore +0.1 -0.05														Initial	End
6 0.24	38 1.50	32 1.26	16 0.63	5.4 0.21	8.5 0.33	6 0.24	27 1.06	5.5 0.22	12 0.47	14.5 0.57	47 1.85	10 0.39	14 0.55	7 N 1.57 lbf	17 N 3.82 lbf
8 0.31	38 1.50	32 1.26	16 0.63	5.4 0.21	8.5 0.33	6 0.24	27 1.06	5.5 0.22	12 0.47	14.5 0.57	47 1.85	10 0.39	14 0.55	7 N 1.57 lbf	17 N 3.82 lbf
8 0.31	46 1.81	40 1.57	20 0.79	6.4 0.25	11 0.43	6 0.24	33 1.30	6.5 0.26	14.5 0.57	19 0.75	59 2.32	12 0.47	17 0.67	8 N 1.80 lbf	23 N 5.17 lbf
10 0.39	38 1.50	32 1.26	16 0.63	5.4 0.21	8.5 0.33	6 0.24	27 1.06	5.5 0.22	12 0.47	14.5 0.57	47 1.85	10 0.39	14 0.55	7 N 1.57 lbf	17 N 3.82 lbf
10 0.39	46 1.81	40 1.57	20 0.79	6.4 0.25	11 0.43	6 0.24	33 1.30	6.5 0.26	14.5 0.57	19 0.75	59 2.32	12 0.47	17 0.67	8 N 1.80 lbf	23 N 5.17 lbf
12 0.47	46 1.81	40 1.57	20 0.79	6.4 0.25	11 0.43	6 0.24	33 1.30	6.5 0.26	14.5 0.57	19 0.75	59 2.32	12 0.47	17 0.67	8 N 1.80 lbf	23 N 5.17 lbf

Specification

- Guide
Zinc die-cast
Powder coated
Black, RAL 9005, textured finish
- Plunger pin
Steel, zinc plated, blue passivated finish
- Spring
Stainless steel AISI 301
- Latch lever
Plastic, Polyamide (PA)
- Black, matte finish
- Not removable
- Load Rating Information → page 2103
- Plastic Characteristics → page 2135
- Stainless Steel Characteristics → page 2143
- RoHS compliant

Accessory

- Locators GN 416.1 → www.jwwinco.com
- Locating Bushings GN 412.2 → page XYZ

Information

GN 416 indexing plunger latch mechanisms are operated by an axial pulling of the latch lever. This kind of operation from the top side is advantageous in certain installation situations.

The plunger pins of type S are engaged in the housing to prevent rotation, and therefore lock in the starting position but not the retracted position. Types R1 and L1 offer a locking function in the starting as well as in the retracted position, preventing unintentional operation. A lock notch holds the latch lever in both positions.

The fastening range is designed so that ISO 7092 washers can be used.

In addition to using metric fasteners for mounting:

- where b₄ = 5.4 mm, #10-32 socket cap screws can be used
- where b₄ = 6.4 mm, #1/4-20 socket cap screws can be used

see also...

- List of Indexing Plunger Types → page 915
- Indexing Plunger Latch Mechanisms GN 417 (Non Lock-Out) → page XYZ
- Indexing Plunger Latch Mechanisms GN 417 (Lock-Out) → page XYZ

How to order	1 Pin diameter d
GN 416-8-46-L1	2 Width b ₁
	3 Type