



- 3 Type**
- S** Without locking, without rest position
 - L1** Locking / Rest position, via counterclockwise rotation
 - R1** Locking / Rest position, via clockwise rotation

d Pin $-0,05$ Bore $+0,1$ $-0,05$	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 in N ≈	
														Initial	End
6	38	32	16	5,4	8,5	6	27	5,5	12	14,5	47	10	14	7	17
8	38	32	16	5,4	8,5	6	27	5,5	12	14,5	47	10	14	7	17
8	46	40	20	6,4	11	6	33	6,5	14,5	19	59	12	17	8	23
10	38	32	16	5,4	8,5	6	27	5,5	12	14,5	47	10	14	7	17
10	46	40	20	6,4	11	6	33	6,5	14,5	19	59	12	17	8	23
12	46	40	20	6,4	11	6	33	6,5	14,5	19	59	12	17	8	23

Specification

Guide

Zinc die casting
Powder coated
Black, RAL 9005, textured finish

Plunger pin

Steel
Zinc plated, blue passivated

Pressure spring

Stainless steel AISI 301

Latch

Plastic, Polyamide (PA)
• Black, matte
• Not removable

RoHS

Accessory

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GN 416.1 Locators	QVX
GN 412.2 Positioning Bushings	QVX

The plunger of spring latches GN 416 is operated by an axial pulling of the latch. This kind of operation from the top side is advantageous in certain installation situations.

With type S, the plunger pin is secured to prevent it from turning. Spring latches GN 416 of types R1 and L1 feature a notch that allows the plunger pin to be locked in starting position or in retracted position to prevent unintentional movement.

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

see also...

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List of Indexing Plunger Types	QVX
GN 417 Indexing Plungers (without Rest Position)	QVX
GN 417 Indexing Plungers (with Rest Position)	QVX

Technical Information

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Load Rating Information	QVX
Stainless Steel Characteristics	QVX
Plastic Characteristics	QVX

How to order

GN 416-8-46-L1

1	d
2	b ₁
3	Type