



2 Type

- S** Bolt steel, standard spring load
- SS** Bolt steel, high spring load
- K** Bolt plastic, standard spring load

1

d ₁	Type S / SS		d ₂	Length l	w Compression	Spring load in N ≈				Code no. Assembly tool
	Type S	Type SS				Type K	Standard (Type S / K)		High (Type SS)	
						Initial	End	Initial	End	
M 3	-	-	1	12	1	2	4	-	-	GN 611.5-M 3
M 4	-	M 4	1,5	15	1,5	4,5	16	-	-	GN 611.5-M 4
M 5	M 5	M 5	2,4	18	2,3	6	19	11	40	GN 611.5-M 5
M 6	M 6	M 6	2,7	20	2,5	6	19	15	43	GN 611.5-M 6
M 8	M 8	M 8	3,5	22	3	10	39	20	75	GN 611.5-M 8
M 10	M 10	M 10	4	22	3	10	39	20	75	GN 611.5-M 10
M 12	M 12	M 12	6	28	4	12	53	45	120	GN 611.5-M 12
M 16	M 16	M 16	7,5	32	5	45	100	64	160	GN 611.5-M 16
M 20	M 20	-	10	40	7	52	125	75	195	GN 611.5-M 20
M 24	M 24	-	12	52	10	70	170	75	245	GN 611.5-M 24

Specification

Type S / SS

- Housing
 - Steel, blackened
- Bolt
 - Steel, hardened
- Operating temperature up to 250 °C

Type K

- Housing
 - Steel, blackened
- Bolt
 - Plastic, polyacetal (POM)
- Operating temperature -30 °C to +50 °C

Thrust spring

Stainless steel AISI 631

Identification of type SS

Housing with 2 longitudinal markings

RoHS

On request

- Type S / SS with thread lock PFB / MVK
- Type K with thread lock MVK

Spring plungers GN 616 are used as detents as well as for push-on and push-off applications and ejectors.

The slot on the plunger side is provided for blind hole application. An assembly tool is available for this under GN 611.5 (see table).

see also...

GN 615.4 Spring Plungers (with Bolt, with Internal Hex)

GN 615.1 Spring Plungers (with Slot, with Bolt)

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QVX

Technical Information

Thread Locking PFB

QVX

Thread locking MVK

QVX

Plastic Characteristics

QVX

Stainless Steel Characteristics

QVX

Accessory

GN 611.5 Mounting Tools (Code No. See Table)

How to order

GN 616-M8-K

1 d₁

2 Type