



- 2 Type**
- SN** Bolt stainless steel, standard spring load
  - SSN** Bolt stainless steel, high spring load
  - KN** Bolt plastic, standard spring load
  - KSN** Bolt plastic, high spring load

d <sub>1</sub>			d <sub>2</sub>	Length l	w	Spring load in N ≈				Code no. Assembly tool
Type SN	Type KN	Type SSN Type KSN				Compression		Standard (Type SN / KN)		
						Initial	End	Initial	End	
M 3	-	-	1	12	1	2,5	3	-	-	GN 611.5-M 3
M 4	M 4	-	1,5	15	1,5	4	16	-	-	GN 611.5-M 4
M 5	M 5	M 5	2,4	18	2,3	6	20	15	44	GN 611.5-M 5
M 6	M 6	M 6	2,7	20	2,5	7	22	20	48	GN 611.5-M 6
M 8	M 8	M 8	3,5	22	3	8	38	26	70	GN 611.5-M 8
M 10	M 10	M 10	4	22	3	10	38	26	70	GN 611.5-M 10
M 12	M 12	M 12	6	28	4	10	54	51	122	GN 611.5-M 12
M 16	M 16	M 16	7,5	32	5	38	100	72	164	GN 611.5-M 16
M 20	M 20	M 20	10	40	7	58	140	88	206	GN 611.5-M 20
M 24	M 24	M 24	12	52	10	80	180	94	250	GN 611.5-M 24

**Specification**

**Type SN / SSN**

- Housing  
Stainless steel AISI 303
- Bolt  
Stainless steel AISI 303, nitrided
- Operating temperature up to 250 °C

**Type KN / KSN**

- Housing  
Stainless steel AISI 303
- Bolt  
• Plastic, Polyacetal (POM)
- Operating temperature -30 °C to +50 °C

**Thrust spring**

Stainless steel AISI 631

**Identification of the types SSN / KSN**

Housing with 2 longitudinal markings

RoHS

**On request**

- Type SN / SSN with thread lock PFB / MVK
- Type KN / KSN 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...**

	Page
<b>GN 615.4</b> Spring Plungers (with Internal Hex)	QVX
<b>GN 615.1</b> Spring Plungers (with Slot, with Bolt)	QVX

**Technical Information**

Thread locking MVK	QVX
Thread Locking PFB	QVX
Plastic Characteristics	QVX
Stainless Steel Characteristics	QVX

**Accessory**

**GN 611.5** Mounting Tools (Code No. See Table)

How to order	
<b>1</b> d <sub>1</sub>	<b>GN616-M12-KN</b>
<b>2</b> Type	

3.1  
3.2  
3.3  
3.4  
3.5  
3.6  
3.7  
3.8  
3.9  
3.10

