



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 ₁			d ₂	Length l +0,2	w	Spring load in N ≈				Code no. for mounting tool 
Type SN	Type KN	Type SSN Type KSN			Compression	Standard (Type SN / KN)		High (Type SSN / KSN)		
						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

With thread locking PFB / 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. For this, a mounting tool is available as GN 611.5 (see table).

see also...	Page
GN 615.4 Spring Plungers (with Internal Hex)	QVX
GN 615.1 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	1	d ₁
	2	Type
GN616-M12-KN		