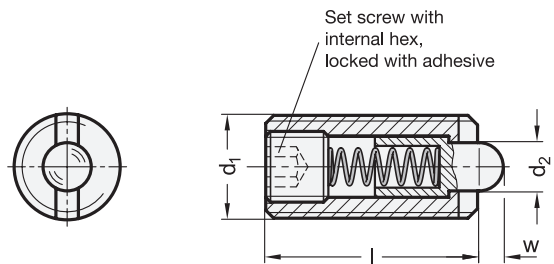


Metric



SS Stainless Steel

2 Type

- SN** Stainless steel nose pin, standard spring load
- SSN** Stainless steel nose pin, high spring load
- KN** Plastic nose pin, standard spring load
- KSN** Plastic nose pin, high spring load

Metric table

Dimensions in: millimeters / inches

d ₁			d ₂	Length l	w	Spring load ≈				Part number installation tool
Type SN	Type KN	Type SSN Type KSN				Standard (Type SN / KN)		Stanard (Type SSN / KSN)		
						Initial	End	Initial	End	
M 3	-	-	1 0.04	12 0.472	1 0.04	2.5 N 0.56 lbf	3 N 0.67 lbf	-	-	GN 611.5-M3
M 4	M 4	-	1.5 0.06	15 0.591	1.5 0.06	4 N 0.90 lbf	16 N 3.60 lbf	-	-	GN 611.5-M4
M 5	M 5	M 5	2.4 0.09	18 0.709	2.3 0.09	6 N 1.35 lbf	20 N 4.50 lbf	15 N 3.37 lbf	44 N 9.89 lbf	GN 611.5-M5
M 6	M 6	M 6	2.7 0.11	20 0.787	2.5 0.10	7 N 1.57 lbf	22 N 4.95 lbf	20 N 4.50 lbf	48 N 10.79 lbf	GN 611.5-M6
M 8	M 8	M 8	3.5 0.14	22 0.866	3 0.12	8 N 1.80 lbf	38 N 8.54 lbf	26 N 5.85 lbf	70 N 15.74 lbf	GN 611.5-M8
M 10	M 10	M 10	4 0.16	22 0.866	3 0.12	10 N 2.25 lbf	38 N 8.54 lbf	26 N 5.85 lbf	70 N 15.74 lbf	GN 611.5-M10
M 12	M 12	M 12	6 0.24	28 1.102	4 0.16	10 N 2.25 lbf	54 N 12.14 lbf	51 N 11.47 lbf	122 N 27.43 lbf	GN 611.5-M12
M 16	M 16	M 16	7.5 0.30	32 1.260	5 0.20	38 N 8.54 lbf	100 N 22.48 lbf	72 N 16.19 lbf	164 N 36.87 lbf	GN 611.5-M16
M 20	M 20	M 20	10 0.39	40 1.575	7 0.28	58 N 13.04 lbf	140 N 31.47 lbf	88 N 19.78 lbf	206 N 46.31 lbf	GN 611.5-M20
M 24	M 24	M 24	12 0.47	52 2.047	10 0.39	80 N 17.98 lbf	180 N 40.47 lbf	94 N 21.13 lbf	250 N 56.20 lbf	GN 611.5-M24

Dimensions in: millimeters / inches

Specification

Type SN / SSN

- Stainless steel housing AISI 303
- Stainless steel nose pin AISI 303, nitrided
- Operating temperature up to 482 °F (250 °C)

Type KN / KSN

- Stainless steel housing AISI 303
- Plastic nose pin, Polyacetal (POM)
- Operating temperature
-22 °F to +122 °F (-30 °C to +50 °C)

Spring

Stainless steel AISI 631

Identification of Type SSN / KSN

Housing with 2 longitudinal markings

RoHS

On request

- Type SN / SSN with thread locking PFB / MVK
- Type KN / KSN with thread locking MVK

Spring plungers GN 616 are used as locating devices, detent pins, pressure pins and ejectors. A typical example is push-on / push-off applications. The slot on the nose pin side is provided for blind hole applications. A special installation tool GN 611.5 is available (see table).

see also...	Page
GN 615.4 Spring Plungers (with Nose Pin, with Internal Hex)	QVX

Technical Information

MVK Thread Locking	QVX
PFB / PRB Thread Locking	QVX
Plastic Characteristics	QVX
Stainless Steel Characteristics	QVX

Accessory

GN 611.5 Installation Tools (Part no. See Table)	QVX
GN 3492 Mounting Blocks (Stainless Steel)	QVX

How to order	1
	Thread d ₁
GN616-M12-KN	2
	Type