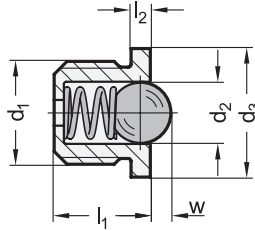
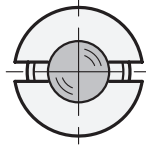


Metric




SS Stainless Steel

2 Type

- ST** Steel housing, stainless steel ball
- NI** Stainless steel housing, stainless steel ball
- KU** Plastic housing, stainless steel ball
- KD** Plastic housing, plastic ball

Metric table



d ₁	d ₂		d ₃ -0.1	l ₁	l ₂ -0.1	w ±0.1 Compression	Spring load ≈				Part no. for installation tool 
	ST / NI	KU / KD					ST / NI		KU / KD		
							Initial	End	Initial	End	
M 4	2 0.08	2 0.08	5.5 0.217	4 0.16	0.6 0.024	0.6 0.024	1.7 N 0.38 lbf	3.9 N 0.88 lbf	2.1 N 0.47 lbf	3.9 N 0.88 lbf	GN 611.2-M4
M 5	3 0.12	3 0.12	7 0.276	5 0.20	0.8 0.031	0.8 0.031	2.9 N 0.65 lbf	4.5 N 1.01 lbf	3.2 N 0.72 lbf	4.5 N 1.01 lbf	GN 611.2-M5
M 6	3.5 0.14	3.5 0.14	8 0.315	6 0.24	1 0.039	1 0.039	3.6 N 0.81 lbf	8.7 N 1.96 lbf	4.1 N 0.92 lbf	8.7 N 1.96 lbf	GN 611.2-M6
M 8	5 0.20	5 0.20	10 0.394	7 0.28	1.5 0.059	1.6 0.063	5.4 N 1.21 lbf	10.2 N 2.29 lbf	5.7 N 1.28 lbf	10.2 N 2.29 lbf	GN 611.2-M8
M 10	6.4 0.25	6.5 0.26	12 0.472	9 0.35	1.5 0.059	1.9 0.075	7.4 N 1.66 lbf	17.5 N 3.93 lbf	9.2 N 2.07 lbf	17.2 N 3.87 lbf	GN 611.2-M10
M 12	8 0.31	8 0.31	14 0.551	11.5 0.45	1.5 0.059	2.4 0.094	10.8 N 2.43 lbf	22.3 N 5.01 lbf	11.2 N 2.52 lbf	22.3 N 5.01 lbf	GN 611.2-M12

Dimensions in: millimeters / inches

Specification

Type ST

- Steel housing, blackened finish
- Stainless steel ball AISI 303, hardened

Type NI

- Stainless steel housing AISI 303
- Stainless steel ball AISI 303, hardened

Type KU

- Plastic housing, Polyacetal (POM)
- Operating temperature
 - 22 °F to +122 °F (-30 °C to +50 °C)
- Blue
- Stainless steel ball AISI 420C, hardened

Type KD

- Plastic housing, Polyacetal (POM)
- Operating temperature
 - 22 °F to +122 °F (-30 °C to +50 °C)
- Blue
- Plastic ball, Polyacetal (POM), white

Spring

Stainless steel AISI 302

RoHS

Spring plungers GN 616.2 are used for locking as well as for push-on and push-off functions.

The slot on the ball side is used for screwing into pocket holes. A installation tool GN 611.2 is available (see table).

see also...

	Page
GN 615.4 Spring Plungers (with Nose Pin, with Internal Hex)	QVX
GN 615.1 Spring Plungers (with Nose Pin, with Slot)	QVX

Technical Information

Plastic Characteristics	QVX
Stainless Steel Characteristics	QVX

Accessory

GN 611.2 Installation Tools	QVX
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How to order

GN616.2-M8-ST

- 1 Thread d₁
- 2 Type

3.1
3.2
3.3
3.4
3.5
3.6
3.7
3.8
3.9
3.10

