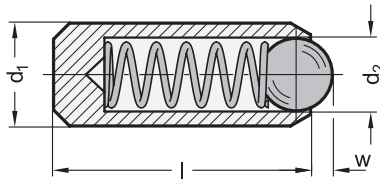


Metric



**SS** Stainless Steel

**2** Type

**NI** Standard spring load  
**NIS** High spring load

Metric table

**1**

Dimensions in: millimeters / inches

d <sub>1</sub> ±0.04	d <sub>2</sub>	Length l	w	Spring load ≈ Standard (Type NI)		Spring load ≈ High (Type NIS)	
				Compression	Initial	End	Initial
2 0.079	1 0.04	3.5 0.14	0.3 0.01	0.8 N 0.18 lbf	1.5 N 0.34 lbf	1.3 N 0.29 lbf	2.2 N 0.49 lbf
2.5 0.098	1.5 0.06	5 0.20	0.4 0.02	2.8 N 0.63 lbf	4.7 N 1.06 lbf	4.7 N 1.06 lbf	7.1 N 1.60 lbf
3 0.118	2 0.08	7 0.28	0.65 0.03	4.5 N 1.01 lbf	7.5 N 1.69 lbf	7.8 N 1.75 lbf	11.6 N 2.61 lbf
3.5 0.138	2.5 0.10	9 0.35	0.8 0.03	6 N 1.35 lbf	14.5 N 3.26 lbf	12 N 2.70 lbf	18 N 4.05 lbf
4 0.157	3 0.12	11 0.43	0.9 0.04	8 N 1.80 lbf	14 N 3.15 lbf	15 N 3.37 lbf	22 N 4.95 lbf
4.5 0.177	3.2 0.13	12 0.47	0.95 0.04	9.5 N 2.14 lbf	16.5 N 3.71 lbf	18.7 N 4.20 lbf	25.1 N 5.64 lbf
5 0.197	3.5 0.14	13 0.51	1 0.04	11 N 2.47 lbf	18 N 4.05 lbf	19.3 N 4.34 lbf	26.6 N 5.98 lbf
5.5 0.217	4 0.16	14 0.55	1.2 0.05	15.5 N 3.48 lbf	25 N 5.62 lbf	25.1 N 5.64 lbf	39.2 N 8.81 lbf
6 0.236	4.5 0.18	15 0.59	1.5 0.06	18 N 4.05 lbf	31 N 6.97 lbf	36 N 8.09 lbf	60.5 N 13.60 lbf
8 0.315	6 0.24	18 0.71	2 0.08	24 N 5.40 lbf	45 N 10.12 lbf	57 N 12.81 lbf	103.5 N 23.27 lbf
10 0.394	8 0.31	20 0.79	2.5 0.10	26 N 5.85 lbf	49 N 11.02 lbf	61 N 13.71 lbf	110 N 24.73 lbf
12 0.472	10 0.39	22 0.87	3.5 0.14	41 N 9.22 lbf	86 N 19.33 lbf	68 N 15.29 lbf	143 N 32.15 lbf

Specification

Housing

Stainless steel AISI 303

Ball

Stainless steel AISI 420C

Hardened

Pressure spring

Stainless steel AISI 631

RoHS

Ball plungers GN 614.3 are used as detents as well as for push-on / push-off applications and ejectors.

A simple mounting hole is sufficient for mounting. The spring plungers are inserted into this hole and additionally secured with adhesive, if necessary.

see also...

GN 614 Short Press-Fit Ball Plungers

Page

QVX

Technical Information

Stainless Steel Characteristics

QVX

How to order

**GN614.3-5.5-NI**

**1** Diameter d<sub>1</sub>

**2** Type