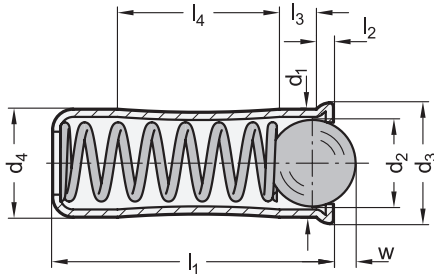


Metric



SS Stainless Steel

Metric table

Dimensions in: millimeters / inches

d ₁ +0.1	d ₂	d ₃	d ₄ ±0.05	l ₁	l ₂ ≈	l ₃ ≈	l ₄ ≈	w	Spring load ≈	
									Compression	Initial
4 0.157	3 0.12	4.6 0.18	4 0.157	10.7 0.42	0.9 0.04	1.8 0.07	5.6 0.22	0.9 0.04	12.9 N 2.90 lbf	19 N 4.27 lbf
5 0.197	4 0.16	5.6 0.22	5 0.197	12 0.47	0.9 0.04	2.1 0.08	6 0.24	1.3 0.05	19.3 N 4.34 lbf	29.2 N 6.56 lbf
6 0.236	5 0.20	6.5 0.26	6 0.236	15 0.59	1 0.04	2.3 0.09	8.2 0.32	1.7 0.07	28 N 6.29 lbf	47.5 N 10.68 lbf
8 0.315	6.5 0.26	8.5 0.33	8 0.315	18 0.71	1.1 0.04	2.9 0.11	9.5 0.37	2.3 0.09	40 N 8.99 lbf	67.3 N 15.13 lbf
10 0.394	8.5 0.33	11 0.43	10 0.394	26 1.02	1.5 0.06	4.2 0.17	14.3 0.56	3.1 0.12	66 N 14.84 lbf	105 N 23.60 lbf

Specification

Housing

Stainless steel AISI 305

Ball

Stainless steel AISI 420C

Hardened

NI

Spring

Stainless steel AISI 631

RoHS

Press-fit ball plungers GN 614.7 are used as detents as well as for push-on and push-off applications and ejectors.

The tolerance d₁ H7 is recommended for the locating bore.

see also...

GN 614 Short Press-Fit Ball Plungers

GN 614.4 Press-Fit Spring Plungers

Page

QVX

QVX

Technical Information

ISO Fundamental Tolerances

Stainless Steel Characteristics

QVX

QVX

How to order

GN614.7-8-NI

1 Diameter d₁

2 Ball material

