



SS Stainless Steel

**Metric table**



Dimensions in: millimeters - inches

d <sub>1</sub> +0.1	d <sub>2</sub>	d <sub>3</sub>	d <sub>4</sub> ±0.05	l <sub>1</sub>	l <sub>2</sub> ≈	l <sub>3</sub> ≈	l <sub>4</sub> ≈	w Compression	Spring load ≈	
									Initial	End
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
- Spring  
Stainless steel AISI 631
- *ISO Fundamental Tolerances* → page QVX
- *Stainless Steel Characteristics* → page QVX
- [RoHS compliant](#)



**Information**

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 d<sub>1</sub> H7 is recommended for the locating bore.

see also...

- *Press-Fit Spring Plungers GN 614.4 (with Nose Pin)* → page QVX
- *Short Press-Fit Ball Plungers GN 614* → page QVX

How to order

**GN614.7-8-NI**

- 1 Diameter d<sub>1</sub>
- 2 Ball material