



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 0.16	2.8 0.11	4.6 0.18	4 0.16	10.7 0.42	0.9 0.04	1.8 0.07	5.6 0.22	2.7 0.11	3 N 0.67 lbf	8.2 N 1.84 lbf
5 0.20	3.8 0.15	5.6 0.22	5 0.20	12 0.47	0.9 0.04	2.1 0.08	6 0.24	4 0.16	3.3 N 0.74 lbf	9 N 2.02 lbf
6 0.24	4.8 0.19	6.5 0.26	6 0.24	15 0.59	1 0.04	2.3 0.09	8.2 0.32	5.5 0.22	6.1 N 1.37 lbf	12 N 2.70 lbf
8 0.31	6.2 0.24	8.5 0.33	8 0.31	18 0.71	1.1 0.04	2.9 0.11	9.5 0.37	6.5 0.26	10.7 N 2.41 lbf	17 N 3.82 lbf
10 0.39	8 0.31	11 0.43	10 0.39	26 1.02	1.5 0.06	3.5 0.14	15 0.59	8 0.31	16.2 N 3.64 lbf	29 N 6.52 lbf

Specification

- Housing
Stainless steel AISI 305
- Nose pin
 - Stainless steel AISI 303 **NI**
 - Plastic (Polyacetal POM), white **KU**
Temperature resistant up to 122 °F (50 °C)
- Spring
Stainless steel AISI 631
- *ISO Fundamental Tolerances* → page 2129
- *Plastic Characteristics* → page 2135
- *Stainless Steel Characteristics* → page 2143
- **RoHS compliant**

Information

GN 614.4 spring plungers are used as detents as well as for push-on / push-off applications and ejectors.
A tolerance of H7 for the location hole of d₁ is recommended.
see also...
• *Short Press-Fit Ball Plungers GN 614* → page 1026

How to order GN614.4-8-KU	1 Diameter d ₁
	2 Nose pin material

3.1
3.2
3.3
3.4
3.5
3.6
3.7
3.8
3.9
3.10

