



Metric table

Dimensions in: millimeters - inches

d ₁ +0.1	d ₂	d ₃	d ₄ +0.2	l ₁ ±0.2	l ₂	w Compression	Spring load ≈	
							Initial	End
4 0.16	3 0.12	4.6 0.18	4 0.16	5 0.20	1 0.04	0.8 0.03	3 N 0.67 lbf	6.5 N 1.46 lbf
5 0.20	4 0.16	5.6 0.22	5 0.20	6 0.24	1 0.04	1 0.04	6 N 1.35 lbf	9.4 N 2.11 lbf
6 0.24	5 0.20	6.5 0.26	6 0.24	7 0.28	1 0.04	1.6 0.06	6.2 N 1.39 lbf	12.6 N 2.83 lbf
8 0.31	6.5 0.26	8.5 0.33	8 0.31	9 0.35	1 0.04	1.9 0.07	10 N 2.25 lbf	20.4 N 4.59 lbf
10 0.39	8 0.31	11 0.43	10 0.39	13.5 0.53	1.5 0.06	2.4 0.09	11.9 N 2.68 lbf	22.3 N 5.01 lbf

Specification

- Housing
Plastic (Polyacetal POM) **KU**
Temperature resistant up to 122 °F (50 °C)
- Ball
Stainless steel AISI 420C
Hardened
- Housing / ball
Plastic (Polyacetal POM) **KD**
Temperature resistant up to 122 °F (50 °C)
- Spring
Stainless steel AISI 631
- Plastic Characteristics → page 2135
- Stainless Steel Characteristics → page 2143
- RoHS compliant

Information

GN 614.5 short press-fit ball plungers are used as detents as well as for push-on / push-off applications and ejectors.

The geometric shape of the plastic housing creates a self-clamping function which compensates drill hole tolerances of as much as 0.2 mm. The press-fit by hand assembly makes overhead installation simpler.

see also...

- Double Ended Press-Fit Ball Plungers GN 614.2 (Brass) → page 1029
- Headless Unthreaded Ball Plungers GN 614.3 (Stainless Steel) → page 1030

How to order GN614.5-8-KD	1 Diameter d ₁
	2 Material

3.1
3.2
3.3
3.4
3.5
3.6
3.7
3.8
3.9
3.10

