



Metric table

Dimensions in: millimeters - inches

d ₁	d ₂	d ₃ +0.05 Knurl Ø	Length l	w Compression	Spring load ≈	
					Initial	End
2.5 0.10	2 0.08	2.52 0.10	5.3 0.21	0.65 0.03	1.3 N 0.29 lbf	2.5 N 0.56 lbf
3 0.12	2.5 0.10	3.02 0.12	7.3 0.29	0.8 0.03	2 N 0.45 lbf	4.5 N 1.01 lbf
4 0.16	3 0.12	4.03 0.16	9 0.35	0.9 0.04	2.5 N 0.56 lbf	7.5 N 1.69 lbf
5 0.20	4 0.16	5.03 0.20	10.8 0.43	1.2 0.05	3.5 N 0.79 lbf	8 N 1.80 lbf
6 0.24	5 0.20	6.03 0.24	12.6 0.50	1.6 0.06	3.5 N 0.79 lbf	10.5 N 2.36 lbf
7 0.28	6 0.24	7.03 0.28	14 0.55	2.0 0.08	4 N 0.90 lbf	12 N 2.70 lbf
8 0.31	6.5 0.26	8.03 0.32	18 0.71	2.1 0.08	6 N 1.35 lbf	15 N 3.37 lbf

Specification

- Housing
Brass
- Ball
Stainless steel AISI 420C
Hardened
- Spring
Stainless steel AISI 631
- *ISO Fundamental Tolerances* → page 2129
- *Stainless Steel Characteristics* → page 2143
- **RoHS compliant**

Information

GN 614.2 press-fit ball plungers are the result of the further development of ball plungers type GN 614, designed for special applications.

Spring loads shown in the table are for when both balls are compressed; when only one is compressed, load will be 50% of pressure shown.

A tolerance H8 is recommended for the locating bore of d₁.

see also...

- *Short Press-Fit Ball Plungers GN 614* → page 1026

How to order	1 Diameter d ₁
GN614.2-4	

3.1
3.2
3.3
3.4
3.5
3.6
3.7
3.8
3.9
3.10

