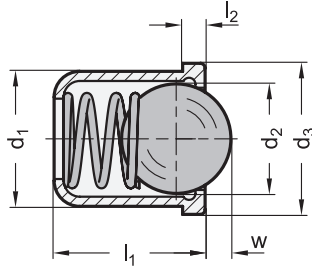


Metric



- 2 Type**
- MS** Housing brass, ball stainless steel, standard spring load
 - KU** Housing plastic, ball stainless steel, standard spring load
 - KD** Housing plastic, ball plastic, standard spring load

Metric table



Dimensions in: millimeters / inches

$d_1 +0.1$			d_2		d_3	$l_1 \approx$		$l_2 \pm 0.1$	W Compression			Spring load \approx			
KU	KD	MS	MS	KU / KD		MS	KU / KD		KU / KD	MS		MS	End	KU / KD	End
3 0.118	-	3 0.12	2.4 0.09	2 0.08	3.6 0.14	4 0.16	4 0.16	0.6 0.024	0.55 0.02	0.6 0.02		1.8 N 0.40 lbf	3.5 N 0.79 lbf	1.7 N 0.38 lbf	3.5 N 0.79 lbf
4 0.157	4 0.16	4 0.16	3 0.12	3 0.12	4.6 0.18	5 0.20	5 0.20	1 0.039	0.8 0.03	0.8 0.03		2.5 N 0.56 lbf	6 N 1.35 lbf	3 N 0.67 lbf	6.5 N 1.46 lbf
5 0.197	5 0.20	5 0.20	4 0.16	4 0.16	5.6 0.22	6 0.24	6 0.24	1 0.039	1 0.04	1 0.04		3 N 0.67 lbf	6.5 N 1.46 lbf	6 N 1.35 lbf	9.4 N 2.11 lbf
6 0.236	6 0.24	6 0.24	5 0.20	5 0.20	6.5 0.26	7 0.28	7 0.28	1 0.039	1.6 0.06	1.6 0.06		5.5 N 1.24 lbf	11.5 N 2.59 lbf	6.2 N 1.39 lbf	12.6 N 2.83 lbf
8 0.315	8 0.31	8 0.31	6.5 0.26	6.5 0.26	8.5 0.33	9 0.35	9 0.35	1 0.039	1.9 0.07	1.9 0.07		7 N 1.57 lbf	12.5 N 2.81 lbf	10 N 2.25 lbf	20.4 N 4.59 lbf
10 0.394	10 0.39	-	8.5 0.33	8 0.31	11 0.43	13 0.51	13.5 0.53	1.5 0.059	2.4 0.09	-		8.5 N 1.91 lbf	18.5 N 4.16 lbf	11.9 N 2.68 lbf	22.3 N 5.01 lbf
12 0.472	12 0.47	-	10 0.39	10 0.39	13 0.51	16 0.63	16 0.63	1.5 0.059	3.3 0.13	-		12 N 2.70 lbf	26.5 N 5.96 lbf	14 N 3.15 lbf	25 N 5.62 lbf

Specification

Type MS

- Housing brass, turned
- Ball stainless steel AISI 420C, hardened

Type KU

- Housing plastic, polyacetal (POM)
- Operating temperature up to 122 °F (50 °C)
- Blue
- Ball stainless steel AISI 420C, hardened

Type KD

- Housing plastic, polyacetal (POM)
- Operating temperature up to 122 °F (50 °C)
- Blue
- Ball plastic, polyacetal (POM)
- Operating temperature up to 122 °F (50 °C)
- White

Pressure spring

Stainless steel AISI 631

RoHS

Short press-fit ball plungers GN 614 are used as detents as well as for push-on / push-off applications and ejectors.

A tolerance of H7 for the location hole of d_1 is recommended.

see also...

	Page
GN 614 Short Press-Fit Ball Plungers (Housing Stainless Steel)	QVX
GN 614.3 Ball Plungers (Unthreaded)	QVX
GN 614.2 Press-Fit Ball Plungers (Brass)	QVX

Technical Information

ISO Fundamental Tolerances	QVX
Plastic Characteristics	QVX
Stainless Steel Characteristics	QVX

How to order

GN614-6-KU

- 1** Diameter d_1
- 2** Type

3.1
3.2
3.3
3.4
3.5
3.6
3.7
3.8
3.9
3.10

