

SS Stainless Steel

2 Type

- K** Steel, standard spring load
- KS** Steel, high spring load
- KN** Stainless steel, standard spring load
- KSN** Stainless steel, high spring load


Metric table

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Dimensions in: millimeters - inches

d ₁			d ₂	Length l ±0.1	w Compression	Spring load ≈ (Type K / KN)		Spring load ≈ (Type KS / KSN)	
Type K	Type KN	Type KS / KSN				Initial	End	Initial	End
-	M 2	-	1 0.04	4 0.16	0.3 0.01	0.8 N 0.18 lbf	1.5 N 0.34 lbf	-	-
M 3	M 3	-	1.5 0.06	7 0.28	0.4 0.02	3 N 0.67 lbf	4.5 N 1.01 lbf	-	-
M 4	M 4	M 4	2.5 0.10	9 0.35	0.8 0.03	8.5 N 1.91 lbf	14 N 3.15 lbf	12 N 2.70 lbf	18 N 4.05 lbf
M 5	M 5	M 5	3 0.12	12 0.47	0.9 0.04	8 N 1.80 lbf	14 N 3.15 lbf	15 N 3.37 lbf	22 N 4.95 lbf
M 6	M 6	M 6	3.5 0.14	14 0.55	1 0.04	11 N 2.47 lbf	18 N 4.05 lbf	19 N 4.27 lbf	28 N 6.29 lbf
M 8	M 8	M 8	4.5 0.18	16 0.63	1.5 0.06	18 N 4.05 lbf	31 N 6.97 lbf	36 N 8.09 lbf	62 N 13.94 lbf
M 10	M 10	M 10	6 0.24	19 0.75	2 0.08	24 N 5.40 lbf	45 N 10.12 lbf	57 N 12.81 lbf	104 N 23.38 lbf
M 12	M 12	M 12	8 0.31	22 0.87	2.5 0.10	26 N 5.85 lbf	49 N 11.02 lbf	61 N 13.71 lbf	110 N 24.73 lbf
M 16	M 16	M 16	10 0.39	24 0.94	3.5 0.14	41 N 9.22 lbf	86 N 19.33 lbf	68 N 15.29 lbf	142 N 31.92 lbf
M 20	M 20	M 20	12 0.47	30 1.18	4.5 0.18	56 N 12.59 lbf	111 N 24.95 lbf	84 N 18.88 lbf	166 N 37.32 lbf
M 24	M 24	M 24	15 0.59	34 1.34	5.5 0.22	81 N 18.21 lbf	151 N 33.95 lbf	127 N 28.55 lbf	237 N 53.28 lbf

Specification

- Type K / KS
 - Steel housing, blackened finish
 - Steel ball, hardened
 - European Standard No. 1.3505
- Type KN / KSN
 - Stainless steel housing AISI 303
 - Stainless steel ball AISI 420C
 - Hardened
- Stainless steel spring AISI 631
- Identification of Type KS / KSN:
 - Housing with 2 longitudinal markings 
- *Stainless Steel Characteristics*
- *RoHS compliant*

Information

GN 615 ball plungers are used as locating devices, detent pins, pressure pins and ejectors. A typical example is push-on / push-off applications.

Ball plungers mounted in various control levers are also perfect solutions for snap-indexing mechanism applications.

see also...

- *Delrin® Ball Plungers GN 615.2 (Plastic, with Slot)*

<p>How to order</p> <p>GN615-M6-K</p>	1	Thread d ₁
	2	Type