

SS Stainless Steel

2 Type

- KN** Stainless steel A4, standard spring load
- KSN** Stainless steel A4, high spring load


Metric table



Dimensions in: millimeters - inches

d ₁		d ₂	Length l	w	Spring load ≈ (Type KN)		Spring load ≈ (Type KSN)	
Type KN	Type KSN				Initial	End	Initial	End
M 4	-	2.5 .10	9 .35	.8 .03	8.5 N 1.91 lbf	14 N 3.15 lbf	-	-
M 5	M 5	3 .12	12 .47	.9 .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	3.5 .14	14 .55	1 .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	4.5 .18	16 .63	1.5 .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	6 .24	19 .75	2 .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	8 .31	22 .87	2.5 .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	10 .39	24 .94	3.5 .14	41 N 9.22 lbf	86 N 19.33 lbf	68 N 15.29 lbf	142 N 31.92 lbf

Specification

- Housing
Stainless steel
European Standard No. 1.4404 (AISI 316L)
- Ball
Ceramic
Silicon nitride, black
- Spring
Stainless steel
European Standard No. 1.4568 (AISI 631)
- Identification of Type KSN:
Housing with 2 longitudinal markings 
- RoHS compliant

Information

GN 615.5 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.

Due to the selection of materials, the stainless steel ball plungers are suitable for use in highly corrosive environments. In addition the ceramic ball is low wearing, anti-magnetic and an electrically insulating material.

see also...

- Ball Plungers GN 615 (Stainless Steel AISI 303)
- Ball Plungers GN 615.2 (Plastic)
- Ball Plungers GN 615.8 (with Friction Bearing)

<p>How to order</p> <p>GN615.5-M8-KSN</p>	1	Thread d ₁
	2	Type