

**SS** Stainless Steel

**2 Type**

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


**Metric table**



Dimensions in: millimeters - inches

d <sub>1</sub>		d <sub>2</sub>	Length l	w	Spring load ≈ (Type KN)		Spring load ≈ (Type KSN)	
Type KN	Type KSN				Initial	End	Initial	End
M 4	M 4	2.5 <i>0.10</i>	9 <i>0.35</i>	0.8 <i>0.03</i>	8.5 N <i>1.91 lbf</i>	14 N <i>3.15 lbf</i>	12 N <i>2.70 lbf</i>	18 N <i>4.05 lbf</i>
M 5	M 5	3 <i>0.12</i>	12 <i>0.47</i>	0.9 <i>0.04</i>	8 N <i>1.80 lbf</i>	14 N <i>3.15 lbf</i>	15 N <i>3.37 lbf</i>	22 N <i>4.95 lbf</i>
M 6	M 6	3.5 <i>0.14</i>	14 <i>0.55</i>	1 <i>0.04</i>	11 N <i>2.47 lbf</i>	18 N <i>4.05 lbf</i>	19 N <i>4.27 lbf</i>	28 N <i>6.29 lbf</i>
M 8	M 8	4.5 <i>0.18</i>	16 <i>0.63</i>	1.5 <i>0.06</i>	18 N <i>4.05 lbf</i>	31 N <i>6.97 lbf</i>	36 N <i>8.09 lbf</i>	62 N <i>13.94 lbf</i>
M 10	M 10	6 <i>0.24</i>	19 <i>0.75</i>	2 <i>0.08</i>	24 N <i>5.40 lbf</i>	45 N <i>10.12 lbf</i>	57 N <i>12.81 lbf</i>	104 N <i>23.38 lbf</i>
M 12	M 12	8 <i>0.31</i>	22 <i>0.87</i>	2.5 <i>0.10</i>	26 N <i>5.85 lbf</i>	49 N <i>11.02 lbf</i>	61 N <i>13.71 lbf</i>	110 N <i>24.73 lbf</i>
M 16	M 16	10 <i>0.39</i>	24 <i>0.94</i>	3.5 <i>0.14</i>	41 N <i>9.22 lbf</i>	86 N <i>19.33 lbf</i>	68 N <i>15.29 lbf</i>	142 N <i>31.92 lbf</i>

**Specification**

- Housing  
Stainless steel AISI 316L
- Ball  
Ceramic  
Silicon nitride, black
- Spring  
Stainless steel AISI 631
- Identification of Type KSN:  
Housing with 2 longitudinal markings 
- *Stainless Steel Characteristics* → page 2143
- **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)* → page 1016
- *Ball Plungers GN 615.2 (Plastic)* → page 1020
- *Ball Plungers GN 615.8 (with Friction Bearing)* → page 1021

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

3.1  
3.2  
3.3  
3.4  
3.5  
3.6  
3.7  
3.8  
3.9  
3.10

