

SS Stainless Steel


2 Type

- S** Steel, standard spring load
- SS** Steel, high spring load
- SN** Stainless steel, standard spring load

Metric table



Dimensions in: millimeters - inches

d ₁	d ₂	Length l	w	Spring load ≈ (Type S / SN)		Spring load ≈ (Type SS)		Part number screwdriver 
				Initial	End	Initial	End	
M 8	3.8 <i>0.15</i>	26 <i>1.02</i>	3 <i>0.12</i>	9 N <i>2.02 lbf</i>	24 N <i>5.40 lbf</i>	17 N <i>3.82 lbf</i>	39 N <i>8.77 lbf</i>	GN 611.5-M10
M 10	4 <i>0.16</i>	28 <i>1.10</i>	3.5 <i>0.14</i>	15 N <i>3.37 lbf</i>	30 N <i>6.74 lbf</i>	22 N <i>4.95 lbf</i>	43 N <i>9.67 lbf</i>	GN 611.5-M10
M 12	6 <i>0.24</i>	35 <i>1.38</i>	4 <i>0.16</i>	24 N <i>5.40 lbf</i>	50 N <i>11.24 lbf</i>	40 N <i>8.99 lbf</i>	80 N <i>17.98 lbf</i>	GN 611.5-M12
M 16	7.5 <i>0.30</i>	40 <i>1.57</i>	5 <i>0.20</i>	36 N <i>8.09 lbf</i>	58 N <i>13.04 lbf</i>	44 N <i>9.89 lbf</i>	113 N <i>25.40 lbf</i>	GN 611.5-M16

Specification

- Type S / SS
 - Housing
Steel, blackened finish
 - Nose pin
Steel, hardened
- Type SN
 - Housing
Stainless steel AISI 303
 - Nose pin
Stainless steel AISI 303
- Spring
Stainless steel AISI 303
- Seal
Rubber NBR (Perbunan®)

• Identification of Type SS:
Housing with 2 longitudinal markings



- *Elastomer Characteristics* → page 2135
- *Stainless Steel Characteristics* → page 2143
- **RoHS compliant**

Accessory

- Screwdriver GN 611.5
(Part number, see table)

Information

GN 616.1 spring plungers are used as locating devices, detent pins, pressure pins and ejectors. A typical example is push-on / push-off applications. Entry of liquids and dirt is prevented by the seal.

The slot on the nose pin side is provided for blind hole applications. A special GN 611.5 screwdriver is available (see table).

see also...

- *Spring Plungers GN 616 (Nose Pin without Sealing Ring)* → page 1037

<p>How to order (Steel)</p> <p>GN616.1-M10-S</p>	1	Thread d ₁
	2	Type
<p>How to order (Stainless steel)</p> <p>GN616.1-M8-SN</p>	1	Thread d ₁
	2	Type