



- 3 Type**
- L** Steel, standard spring load
 - LS** Steel, high spring load
 - LN** Stainless steel, standard spring load
 - LSN** Stainless steel, high spring load

Metric table

Dimensions in: millimeters - inches

d ₁ Thread	w Compression	d ₂	d ₃	l ₁	l ₂	A/F Internal hex	Spring load ≈ Standard (Type L / LN)		Spring load ≈ High (Type LS / LSN)		Part number screwdriver
							Initial	End	Initial	End	
M 10	8 0.31	4 0.16	7.8 0.31	35 1.38	25 0.98	3	6 N 1.35 lbf	16 N 3.60 lbf	12 N 2.70 lbf	22 N 4.95 lbf	GN 611.5-M10
M 12	10 0.39	5.5 0.22	9.5 0.37	43 1.69	35 1.38	4	4 N 0.90 lbf	18 N 4.05 lbf	7 N 1.57 lbf	46 N 10.34 lbf	GN 611.5-M12
M 16	10 0.39	8 0.31	13.4 0.53	48 1.89	35 1.38	6	7 N 1.57 lbf	24 N 5.40 lbf	10 N 2.25 lbf	43 N 9.67 lbf	GN 611.5-M16
M 16	15 0.59	8 0.31	13.4 0.53	58 2.28	35 1.38	6	9 N 2.02 lbf	33 N 7.42 lbf	10 N 2.25 lbf	57 N 12.81 lbf	GN 611.5-M16
M 16	20 0.79	8 0.31	13.4 0.53	58 2.28	35 1.38	6	4 N 0.90 lbf	23 N 5.17 lbf	-	-	GN 611.5-M16
M 16	20 0.79	8 0.31	13.4 0.53	83 3.27	35 1.38	6	-	-	18 N 4.05 lbf	72 N 16.19 lbf	GN 611.5-M16
M 16	25 0.98	8 0.31	13.4 0.53	98 3.86	35 1.38	6	13 N 2.92 lbf	41 N 9.22 lbf	20 N 4.50 lbf	70 N 15.74 lbf	GN 611.5-M16
M 16	30 1.18	8 0.31	13.4 0.53	98 3.86	35 1.38	6	13 N 2.92 lbf	47 N 10.57 lbf	20 N 4.50 lbf	80 N 17.98 lbf	GN 611.5-M16
M 16	40 1.57	8 0.31	13.4 0.53	148 5.83	35 1.38	6	13 N 2.92 lbf	63 N 14.16 lbf	21 N 4.72 lbf	113 N 25.40 lbf	GN 611.5-M16
M 16	50 1.97	8 0.31	13.4 0.53	148 5.83	35 1.38	6	7 N 1.57 lbf	43 N 9.67 lbf	13 N 2.92 lbf	75 N 16.86 lbf	GN 611.5-M16
M 24	15 0.59	10 0.39	19.6 0.77	60 2.36	45 1.77	8	14 N 3.15 lbf	87 N 19.56 lbf	40 N 8.99 lbf	192 N 43.16 lbf	GN 611.5-M24

Specification

- Type L / LS
 - Housing
Steel, blackened finish
 - Nose pin
Steel, blackened finish, case-hardened
- Type LN / LSN
 - Housing
Stainless steel AISI 303
 - Nose pin
Stainless steel AISI 303, nitrided
- Spring
Steel
- Identification of Type LS / LSN:
Housing with 2 longitudinal markings
- *Stainless Steel Characteristics* → page QVX
- RoHS compliant

Information

GN 611 long stroke spring plungers are used as ejectors, for push-on / push-off applications in the sheet metal industry, as well as for cushioners.

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...
- *Thread Locking PFB* → page 2150

Accessory

- Screwdriver GN 611.5
(Part number, see table)

<p>How to order</p> <p>GN611-M16-15-L</p>	1	Thread d ₁
	2	Compression w
	3	Type

3.1 3.2 3.3 3.4 3.5 3.6 3.7 3.8 3.9 3.10