

GN 615.1

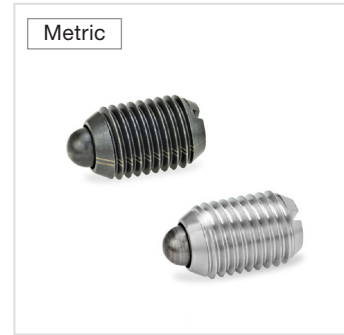
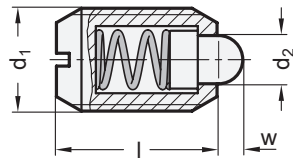
Steel / Stainless Steel

Spring Plungers

with Nose Pin, with Slot



JW WINCO
A Ganter Company



SS Stainless Steel

2 Type

- B** Steel, standard spring load
- BS** Steel, high spring load
- BN** Stainless steel, standard spring load
- BSN** Stainless steel, high spring load


Metric table



Dimensions in: millimeters - inches

d ₁	Type B / BN	Type BS / BSN	d ₂ -0.1	Length l ±0.1	w	Spring load ≈ (Type B / BN)		Spring load ≈ (Type BS / BSN)	
						Compression	Initial	End	Initial
M 4	-	-	1.8 0.07	9 0.35	1.5 ^{+0.3} _{-0.4} 0.06 ^{-0.012} _{-0.016}	4.5 N 1.01 lbf	12.5 N 2.81 lbf	-	-
M 5	-	-	2.4 0.09	12 0.47	2 0.08	5 N 1.12 lbf	13 N 2.92 lbf	-	-
M 6	M 6	M 6	2.7 0.11	14 0.55	2 0.08	6 N 1.35 lbf	17 N 3.82 lbf	11 N 2.47 lbf	25 N 5.62 lbf
M 8	M 8	M 8	3.8 0.15	16 0.63	2 0.08	16 N 3.60 lbf	33 N 7.42 lbf	23 N 5.17 lbf	59 N 13.26 lbf
M 10	M 10	M 10	4.5 0.18	19 0.75	2.5 0.10	19 N 4.27 lbf	42 N 9.44 lbf	20 N 4.50 lbf	54 N 12.14 lbf
M 12	M 12	M 12	6 0.24	22 0.87	3.5 0.14	22 N 4.95 lbf	57 N 12.81 lbf	38 N 8.54 lbf	96 N 21.58 lbf
M 16	M 16	M 16	8.5 0.33	24 0.94	4.5 ±0.3 0.18 ±0.012	38 N 8.54 lbf	78 N 17.54 lbf	50 N 11.24 lbf	100 N 22.48 lbf
M 20	M 20	M 20	10 0.39	30 1.18	6.5 0.26	39 N 8.77 lbf	81 N 18.21 lbf	52 N 11.69 lbf	133 N 29.90 lbf
M 24	M 24	M 24	13 0.51	34 1.34	8 0.31	72 N 16.19 lbf	155 N 34.85 lbf	91 N 20.46 lbf	223 N 50.13 lbf

Specification

- Type B / BS
 - Housing
Steel, blackened finish
 - Nose pin
Steel, hardened, blackened finish
- Type BN / BSN
 - Housing
Stainless steel AISI 303
 - Nose pin
Stainless steel AISI 303
Hardened
- Spring
Stainless steel AISI 631
- Identification of Type BS / BSN:
Housing with 2 longitudinal markings 
- [Stainless Steel Characteristics](#) → page 2143
- [RoHS compliant](#)

Information

GN 615.1 spring plungers are used as locating devices, detent pins, pressure pins and ejectors. A typical example is push-on / push-off applications.

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

see also...

- [Spring Plungers GN 616 \(Steel, with Nose Pin, with Internal Hex\)](#) → page 1036
- [Spring Plungers GN 616 \(Stainless Steel, with Nose Pin, with Internal Hex\)](#) → page 1037

How to order

GN615.1-M8-B

1	Thread d ₁
2	Type