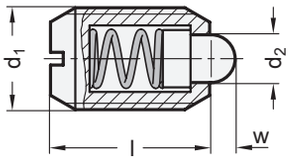
JW WINCO® A Ganter Company



Metric

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

1

Dimensions in: millimeters - *inches*

d_1		d_2 −0.1	Length **l** ±0.1	**w**	Spring load ≈ (Type B / BN)		Spring load ≈ (Type BS / BSN)	
Type B / BN	Type BS / BSN			Compression	Initial	End	Initial	End
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	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	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	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	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	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	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	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
    Nitrided
- 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		
GN 615.1-M8-B (1 2)	1	Thread d_1
	2	Type