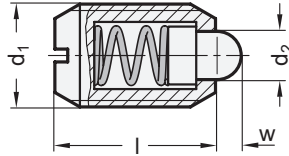


Metric



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



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				Initial	End	Initial	End
M 4	-	1.8 0.071	9 0.354	1.5 ^{+0.3} _{-0.4} 0.059 ^{+0.012} _{0.016}	4.5 N 1.01 lbf	12.5 N 2.81 lbf	-	-
M 5	-	2.4 0.094	12 0.472	2 0.079	5 N 1.12 lbf	13 N 2.92 lbf	-	-
M 6	M 6	2.7 0.106	14 0.551	2 0.079	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 0.150	16 0.630	2 0.079	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 0.177	19 0.748	2.5 0.098	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 0.236	22 0.866	3.5 0.138	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 0.335	24 0.945	4.5 ±0.3 0.177 ±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 0.394	30 1.181	6.5 0.256	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 0.512	34 1.339	8 0.315	72 N 16.19 lbf	155 N 34.85 lbf	91 N 20.46 lbf	223 N 50.13 lbf

Specification

Type B / BS

- Steel housing, blackened finish
- Steel nose pin, hardened, blackened finish

Type BN / BSN

- Stainless steel housing AISI 303
- Stainless steel nose pin AISI 303, nitrided

Spring

Stainless steel AISI 631

Identification of Type BS / BSN

Housing with 2 longitudinal markings



RoHS

Spring plungers GN 615.1 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...

- GN 616** Spring Plungers (Steel, with Nose Pin, with Internal Hex) QVX
- GN 616** Spring Plungers (Stainless Steel, with Nose Pin, with Internal Hex) QVX

Technical Information

Stainless Steel Characteristics

QVX

How to order

GN 615.1-M8-B

1 Thread d₁

2 Type