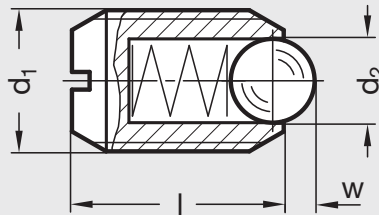
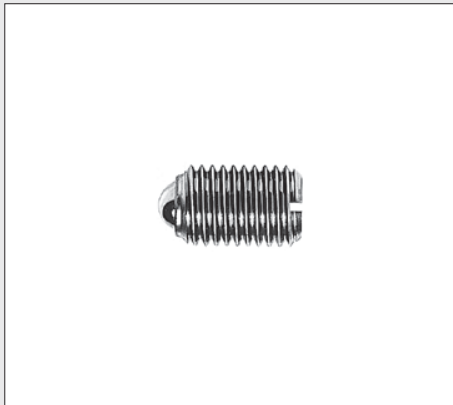


GN 615 | Steel Ball Plungers

Metric Size • Threaded Body Type



ISO 9001 Supplier

RoHS Compliant

Threaded body

Hardened steel, black oxide finish

Ball

Hardened steel, plain finish

Spring

Steel

Zinc plated ball indicates heavy spring load.

Spring plungers GN 615 are used as detents, push-on/push-off applications, and ejectors.

Snap-indexing mechanism applications, together with various control levers, are of particular interest.

Spring plungers press-fit type, see GN 614, page 562.

Spring plungers with nose end, see GN 615.1, page 570.

Metric Table

Dimensions in: millimeters (*inches*)

Part Number		d ₁ Thread	d ₂	l	w	Spring Load N≈ Standard Initial	Spring Load N≈ Standard End	Spring Load N≈ Heavy Initial	Spring Load N≈ Heavy End
Standard Spring Load	Heavy Spring Load								
3NG11/K	–	M3 x .5	1.5 (.06)	7 (.28)	.4 (.02)	3	4.5	–	–
4NG11/K	–	M4 x .7	2.5 (.10)	9 (.35)	.8 (.03)	6	14.5	–	–
5NG11/K	5NG11/KS	M5 x .8	3 (.12)	12 (.47)	.9 (.04)	8	14	15	22
6NG11/K	6NG11/KS	M6 x 1.0	3.5 (.14)	14 (.55)	1 (.04)	11	18	19	28
8NG11/K	8NG11/KS	M8 x 1.25	4.5 (.18)	16 (.63)	1.5 (.06)	18	31	36	62
10NG11/K	10NG11/KS	M10 x 1.5	6 (.24)	19 (.75)	2 (.08)	24	45	57	104
12NG11/K	12NG11/KS	M12 x 1.75	8 (.31)	22 (.87)	2.5 (.10)	26	49	61	110
16NG11/K	16NG11/KS	M16 x 2.0	10 (.39)	24 (.94)	3.5 (.14)	41	86	68	142
20NG11/K	20NG11/KS	M20 x 2.5	12 (.47)	30 (1.18)	4.5 (.18)	56	111	84	166
24NG11/K	24NG11/KS	M24 x 3.0	15 (.59)	34 (1.34)	5.5 (.22)	81	151	127	237

10

Indexing, Spring and Ball Plungers