

GN 615.8 | Ball spring plungers with friction block bearing

Steel or stainless steel



- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14
- 15
- 16
- 17
- 18

FRICION BLOCK BEARING

Technopolymer.

SPRING

AISI 631 stainless steel.

STANDARD EXECUTIONS

Black-oxide steel threaded body, screwdriver slotted head:

- **GN 615.8-K:** hardened steel ball, normal end-force spring.
- **GN 615.8-KS:** hardened steel ball, spring with heavy end-force, threaded body with two laser-engraved lines.

AISI 303 stainless steel threaded body, screwdriver slotted head:

- **GN 615.8-KN:** AISI 420C hardened stainless steel ball, normal end-force spring.
- **GN 615.8-KSN:** AISI 420C hardened stainless steel ball, spring with heavy end-force, threaded body with two laser-engraved lines.

MAX. WORKING TEMPERATURE

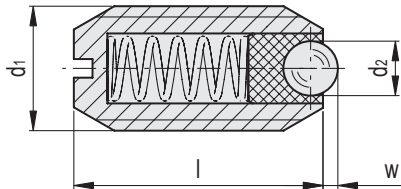
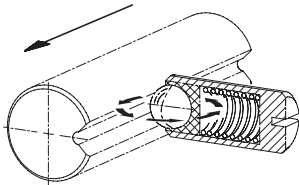
90°C.

FEATURES AND APPLICATIONS

GN 615.8 ball spring plungers are used for the pressure and block function, obtained thanks to the presence of a technopolymer friction block bearing.

The ball is mounted in the friction bearing which, while allowing mobility, makes locking much more effective.

The technopolymer bearing also acts as an electrical insulator.



GN 615.8-K

GN 615.8-KN



Code	Description	Code	Description	d1	d2	l	w	Spring preload [N]	Spring max load [N]	⚖️
GN.33851	GN 615.8-M5-K	GN.33853	GN 615.8-M5-KN	M5	2	12	0.5	4.8	6.8	1
GN.33859	GN 615.8-M6-K	GN.33861	GN 615.8-M6-KN	M6	2.5	14	0.7	6.3	10	2
GN.33867	GN 615.8-M8-K	GN.33869	GN 615.8-M8-KN	M8	3.5	16	0.95	16	24	3
GN.33875	GN 615.8-M10-K	GN.33877	GN 615.8-M10-KN	M10	4.5	19	1.4	18.8	31.7	7
GN.33883	GN 615.8-M12-K	GN.33885	GN 615.8-M12-KN	M12	6.5	22	2.3	26	49	9
GN.33891	GN 615.8-M16-K	GN.33893	GN 615.8-M16-KN	M16	8.5	24	3.1	38	68	20

GN 615.8-KS

GN 615.8-KSN



Code	Description	Code	Description	d1	d2	l	w	Spring preload [N]	Spring max load [N]	⚖️
GN.33855	GN 615.8-M5-KS	GN.33857	GN 615.8-M5-KSN	M5	2	12	0.5	10	14	1
GN.33863	GN 615.8-M6-KS	GN.33865	GN 615.8-M6-KSN	M6	2.5	14	0.7	11	16	2
GN.33871	GN 615.8-M8-KS	GN.33873	GN 615.8-M8-KSN	M8	3.5	16	0.95	23	40	3
GN.33879	GN 615.8-M10-KS	GN.33881	GN 615.8-M10-KSN	M10	4.5	19	1.4	28	54.3	6
GN.33887	GN 615.8-M12-KS	GN.33889	GN 615.8-M12-KSN	M12	6.5	22	2.3	39.5	77.3	9
GN.33895	GN 615.8-M16-KS	GN.33897	GN 615.8-M16-KSN	M16	8.5	24	3.1	50	88.7	20

Indexing and positioning elements

830



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