

BODY

AISI 303 stainless steel.

BALL

AISI 420C hardened stainless steel.

SPRING

AISI 631 stainless steel.

FRICION BLOCK BEARING

Technopolymer.

MAX. WORKING TEMPERATURE

90°C.

FEATURES AND APPLICATIONS

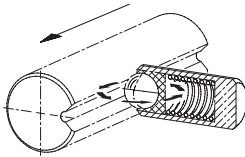
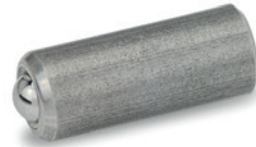
GN 614.8 ball spring plungers are used for the pressure and block function, obtained thanks to the presence of a technopolymer friction block bearing.

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

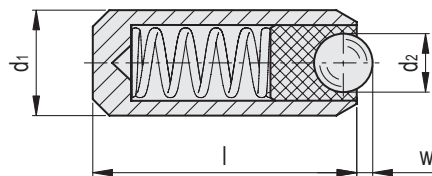
The technopolymer bearing also acts as an electrical insulator.

Suggested tolerance for plunger housing hole:

- F8: for normal mounting;
- H9: for push-fit assembly.



Conversion Table	
1 mm = 0.039 inch	
d1	
mm	inch
4	0.16
5	0.20
6	0.24
8	0.31
10	0.39
12	0.47



Code	Description	d1 ±0.04	d2	l	w	Spring preload [N]	Spring max load [N]	⚖️
GN.32711	GN 614.8-4-NI	4	2	11	0.5	4.8	6.8	0.6
GN.32713	GN 614.8-5-NI	5	2.5	13	0.7	6.3	10	1.3
GN.32715	GN 614.8-6-NI	6	3.5	15	0.95	16	24	2
GN.32717	GN 614.8-8-NI	8	4.5	18	1.5	18.8	31.7	4.5
GN.32719	GN 614.8-10-NI	10	6.5	20	2.3	26	49	7
GN.32721	GN 614.8-12-NI	12	8.5	22	3.1	38	68	11

INOX STAINLESS STEEL METRIC

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

Indexing and positioning elements