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**VERSIONS**

- Type **KN**: normal end-force spring
- Type **KSN**: heavy end-force spring

**BODY**

Stainless steel

**BALL**

Ceramic  
Silicon nitride, black

**SPRING**

Stainless steel

**FRICTION BLOCK BEARING**

Technopolymer

**MAX. WORKING TEMPERATURE**

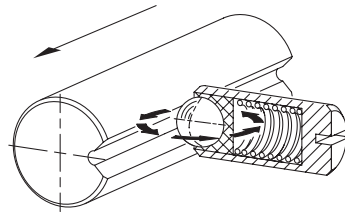
-30 °C to +90 °C

**INFORMATION**

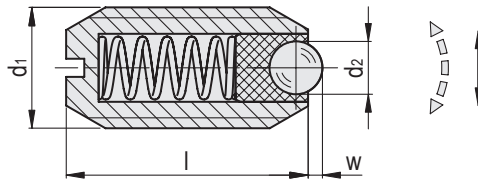
Spring plungers GN 615.10 are used for locking as well as for push-on and push-off functions.

The ball moves freely within a plastic friction bearing, allowing objects to roll along the ball.

Due to the selection of materials, the spring plungers are suitable for use in highly corrosive environments. In addition, the ceramic ball and the plastic friction bearing are low wearing, anti-magnetic and electrically insulating.



Conversion Table	
1 mm = 0.039 inch	
d2	
mm	inch
2	0.08
2.5	0.10
3.5	0.14
4.5	0.18
6.5	0.25
8.5	0.33



**GN 615.10-KN**

Code	Description	d1	d2	l	w	Spring preload [N]	Spring max load [N]	⚖️
GN.33666	GN 615.10-M5-KN	M 5	2	12	0.5	4.8	6.8	1
GN.33668	GN 615.10-M6-KN	M 6	2.5	14	0.7	6.3	10	2
GN.33673	GN 615.10-M8-KN	M 8	3.5	16	0.95	16.1	24	3
GN.33678	GN 615.10-M10-KN	M 10	4.5	19	1.4	18.8	31.7	6
GN.33683	GN 615.10-M12-KN	M 12	6.5	22	2.5	24	49	9
GN.33688	GN 615.10-M16-KN	M 16	8.5	24	3.1	38	68	20

**GN 615.10-KSN**

Code	Description	d1	d2	l	w	Spring preload [N]	Spring max load [N]	⚖️
GN.33667	GN 615.10-M5-KSN	M 5	2	12	0.5	10	14	1
GN.33669	GN 615.10-M6-KSN	M 6	2.5	14	0.7	11	16	2
GN.33674	GN 615.10-M8-KSN	M 8	3.5	16	0.95	22.9	40	3
GN.33679	GN 615.10-M10-KSN	M 10	4.5	19	1.4	28.1	54.3	6
GN.33684	GN 615.10-M12-KSN	M 12	6.5	22	2.5	36.5	77.3	9
GN.33689	GN 615.10-M16-KSN	M 16	8.5	24	3.1	50	88.7	20