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- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14
- 15
- 16
- 17
- 18
- 19

**THREADED BODY**  
Black-oxide steel, hexagon socket head.

**BALL**  
Hardened steel.

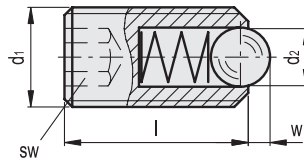
**SPRING**  
Stainless steel AISI 631

**STANDARD EXECUTIONS**  
- **GN 615.3-K**: normal end-force spring.  
- **GN 615.3-KS**: reinforced pressure spring, body with two longitudinal markings.

**FEATURES AND APPLICATIONS**  
GN 615.3 threaded ball spring plungers represent a further development of plungers GN 615 (see page 615) for special applications which require the fixation by means of a hexagon socket screw.



d2		d2	
mm	inch	mm	inch
1.5	0.04	6	0.23
2.5	0.06	8	0.31
3	0.10	10	0.39
3.5	0.12	12	0.47
4.5	0.14	15	0.59



**GN 615.3-K**

METRIC

Code	Description	d1	d2	l±0.1	sw	w	Spring preload [N]	Spring max load [N]	⚖️
GN.33391	GN 615.3-M3-K	M 3	1.5	8	1.5	0.4	3	4.5	1
GN.33401	GN 615.3-M4-K	M 4	2.5	12	2	0.8	8.5	14	1
GN.33411	GN 615.3-M5-K	M 5	3	14	2.5	0.9	8	14	1
GN.33421	GN 615.3-M6-K	M 6	3.5	15	3	1	11	18	2
GN.33431	GN 615.3-M8-K	M 8	4.5	18	4	1.5	18	31	4
GN.33441	GN 615.3-M10-K	M 10	6	23	5	2	24	45	7
GN.33451	GN 615.3-M12-K	M 12	8	26	6	2.5	26	49	13
GN.33461	GN 615.3-M16-K	M 16	10	33	8	3.5	41	86	32
GN.33471	GN 615.3-M20-K	M 20	12	43	10	4.5	56	111	65
GN.33481	GN 615.3-M24-K	M 24	15	48	12	5.5	81	151	103

**GN 615.3-KS**

Code	Description	d1	d2	l±0.1	sw	w	Spring preload [N]	Spring max load [N]	⚖️
GN.33392	GN 615.3-M3-KS	M 3	1.5	8	1.5	0.4	5	9	1
GN.33402	GN 615.3-M4-KS	M 4	2.5	12	2	0.8	12	18	1
GN.33412	GN 615.3-M5-KS	M 5	3	14	2.5	0.9	15	22	1
GN.33422	GN 615.3-M6-KS	M 6	3.5	15	3	1	19	28	2
GN.33432	GN 615.3-M8-KS	M 8	4.5	18	4	1.5	36	62	4
GN.33442	GN 615.3-M10-KS	M 10	6	23	5	2	57	104	8
GN.33452	GN 615.3-M12-KS	M 12	8	26	6	2.5	61	110	13
GN.33462	GN 615.3-M16-KS	M 16	10	33	8	3.5	68	142	32
GN.33472	GN 615.3-M20-KS	M 20	12	43	10	4.5	84	166	65
GN.33482	GN 615.3-M24-KS	M 24	15	48	12	5.5	127	237	103

Indexing and positioning elements