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PACKING RING

NBR synthetic rubber.

SPRING

AISI 303 stainless steel.

STANDARD EXECUTIONS

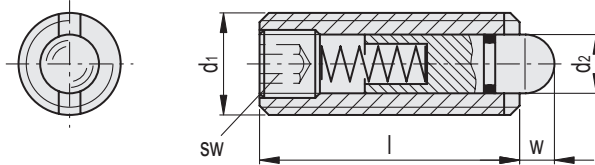
- **GN 616.1-S**: black-oxide steel threaded body, hexagon socket head. Hardened steel plunger, normal end-force spring.
- **GN 616.1-SS**: black-oxide steel threaded body, hexagon socket head. Hardened steel plunger, heavy end-force spring.
- **GN 616.1-SN**: AISI 303 stainless steel threaded body, hexagon socket head. AISI 303 stainless steel plunger, normal end-force spring.

FEATURES AND APPLICATIONS

GN 616.1 bolt plungers are also used with locking function. The internal packing ring prevents access of dirt.



Conversion Table	
1 mm = 0.039 inch	
d2	
mm	inch
3.8	0.15
4	0.16
6	0.23
7.5	0.29



GN 616.1-S

METRIC

Code	Description	d1	d2	l	sw	w	Spring preload [N]	Spring max load [N]	⚖
GN.34186	GN 616.1-M8-S	M 8	3.8	26	2.5	3	9	24	7
GN.34189	GN 616.1-M10-S	M 10	4	28	3	3.5	15	30	11
GN.34192	GN 616.1-M12-S	M 12	6	35	4	4	24	50	20
GN.34195	GN 616.1-M16-S	M 16	7.5	40	5	5	36	58	44

GN 616.1-SS

Code	Description	d1	d2	l	sw	w	Spring preload [N]	Spring max load [N]	⚖
GN.34188	GN 616.1-M8-SS	M 8	3.8	26	2.5	3	17	39	7
GN.34191	GN 616.1-M10-SS	M 10	4	28	3	3.5	22	43	12
GN.34194	GN 616.1-M12-SS	M 12	6	35	4	4	40	80	20
GN.34197	GN 616.1-M16-SS	M 16	7.5	40	5	5	44	113	44

GN 616.1-SN

Code	Description	d1	d2	l	sw	w	Spring preload [N]	Spring max load [N]	⚖
GN.34187	GN 616.1-M8-SN	M 8	3.8	26	2.5	3	9	24	7
GN.34190	GN 616.1-M10-SN	M 10	4	28	3	3.5	15	30	12
GN.34193	GN 616.1-M12-SN	M 12	6	35	4	4	24	50	20
GN.34196	GN 616.1-M16-SN	M 16	7.5	40	5	5	36	58	44

Indexing and positioning elements