

PACKING RING

NBR synthetic rubber.

SPRING

AISI 303 stainless steel.

STANDARD EXECUTIONS

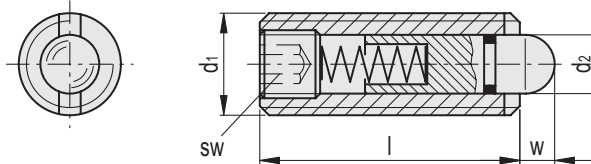
- **GN 616.1-S:** black-oxide steel threaded body, hexagon socket head. Hardened steel plunger, normal end-force spring.
- **GN 616.1-SS:** black-oxide steel threaded body, hexagon socket head, with two laser-engraved lines. Hardened steel plunger, heavy end-force spring.
- **GN 616.1-SN:** AISI 303 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	
mm	inch
26	1.02
28	1.10
35	1.38
40	1.57



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	M8	3.8	26	2.5	3	9	24	7
GN.34189	GN 616.1-M10-S	M10	4	28	3	3.5	15	30	11
GN.34192	GN 616.1-M12-S	M12	6	35	4	4	24	50	20
GN.34195	GN 616.1-M16-S	M16	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	M8	3.8	26	2.5	3	17	39	7
GN.34191	GN 616.1-M10-SS	M10	4	28	3	3.5	22	43	12
GN.34194	GN 616.1-M12-SS	M12	6	35	4	4	40	80	20
GN.34197	GN 616.1-M16-SS	M16	7.5	40	5	5	44	113	44

GN 616.1-SN

INOX
STAINLESS
STEEL

METRIC

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



Indexing and positioning elements