

GN 616-NI | Bolt spring plungers

Stainless steel



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THREADED BODY

AISI 303 stainless steel, hexagon socket head.

STANDARD EXECUTIONS

- **GN 616-SN**: nitrided AISI 303 stainless steel bolt, stainless steel spring with normal end-force.

Maximum working temperature 220°C.

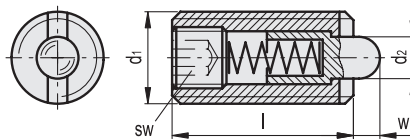
- **GN 616-KN**: acetal resin based (POM) technopolymer bolt, stainless steel spring with normal end-force.

Working temperature: from -30°C to +50°C.

SPECIAL EXECUTIONS ON REQUEST

- GN 616-SN-MVK, GN 616-KN-MVK: thread locking by means of micro-encapsulated red patch (see Technical data on page A-19). Working temperature: from -40°C to +170°C.

- GN 616-SN-PFB, GN 616-KN-PFB: thread locking by means of polyamide blue coating (see Technical data on page A-19). Working temperature: from -50°C to +90°C.



GN 616-SN



Code	Description	d1	d2	l+0.2	sw	w+0.3-0.1	Spring preload [N]	Spring max load [N]	⚖️
GN.34104	GN 616-M4-SN	M4	1.5	15	1.3	1.5	4.5	16	1
GN.34114	GN 616-M5-SN	M5	2.4	18	1.5	2.3	6	19	2
GN.34124	GN 616-M6-SN	M6	2.7	20	2	2.5	6	19	3
GN.34134	GN 616-M8-SN	M8	3.5	22	2.5	3	10	39	6
GN.34144	GN 616-M10-SN	M10	4	22	3	3	10	39	9
GN.34154	GN 616-M12-SN	M12	6	28	4	4	12	53	16
GN.34164	GN 616-M16-SN	M16	7.5	32	5	5	45	100	35
GN.34174	GN 616-M20-SN	M20	10	40	6	7	52	125	65

GN 616-KN



Code	Description	d1	d2	l+0.2	sw	w+0.3-0.1	Spring preload [N]	Spring max load [N]	⚖️
GN.34105	GN 616-M4-KN	M4	1.5	15	1.3	1.5	4.5	16	1
GN.34115	GN 616-M5-KN	M5	2.4	18	1.5	2.3	6	19	2
GN.34125	GN 616-M6-KN	M6	2.7	20	2	2.5	6	19	3
GN.34135	GN 616-M8-KN	M8	3.5	22	2.5	3	10	39	6
GN.34145	GN 616-M10-KN	M10	4	22	3	3	10	39	9
GN.34155	GN 616-M12-KN	M12	6	28	4	4	12	53	16
GN.34165	GN 616-M16-KN	M16	7.5	32	5	5	45	100	36

Indexing and positioning elements