

GN 615.1 | Bolt spring plungers

Steel



THREADED BODY

Black-oxide steel, screwdriver slotted head.

STANDARD EXECUTIONS

- **GN 615.1-B:** hardened steel bolt, hardened steel spring with normal end-force.
- **GN 615.1-BS:** hardened steel bolt, black-oxide steel spring with heavy end-force, threaded body with two laser-engraved lines.

SPECIAL EXECUTIONS ON REQUEST

- GN 615.1-B-MVK, GN 615.1-BS-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 615.1-B-PFB, GN 615.1-BS-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 615.1-NI | Bolt spring plungers

Stainless steel



THREADED BODY

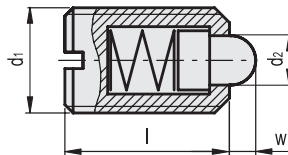
AISI 303 stainless steel, screwdriver slotted head.

STANDARD EXECUTIONS

- **GN 615.1-BN:** nitrided AISI 303 stainless steel bolt, stainless steel spring with normal end-force.
- **GN 615.1-BSN:** nitrided AISI 303 stainless steel bolt, stainless steel spring with heavy end-force, threaded body with two laser-engraved lines.

SPECIAL EXECUTIONS ON REQUEST

- GN 615.1-BN-MVK, GN 615.1-BSN-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 615.1-BN-PFB, GN 615.1-BSN-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 615.1-B

Code	Description	d1	d2-0.1	±0.1	w	Spring preload [N]	Spring max load [N]	△
GN.33501	GN 615.1-M4-B	M4	1.8	9	1.5 *	4.5	12.5	1
GN.33511	GN 615.1-M5-B	M5	2.4	12	2 *	5	13	1
GN.33521	GN 615.1-M6-B	M6	2.7	14	2 *	6	17	2
GN.33531	GN 615.1-M8-B	M8	3.8	16	2 *	16	33	4
GN.33541	GN 615.1-M10-B	M10	4.5	19	2.5 *	19	42	7
GN.33551	GN 615.1-M12-B	M12	6	22	3.5 *	22	57	10
GN.33561	GN 615.1-M16-B	M16	8.5	24	4.5 #	38	78	24
GN.33571	GN 615.1-M20-B	M20	10	30	6.5 #	39	81	43
GN.33581	GN 615.1-M24-B	M24	13	34	8 #	72	155	70

GN 615.1-BS

GN.33522	GN 615.1-M6-BS	M6	2.7	14	2 *	11	25	2
GN.33532	GN 615.1-M8-BS	M8	3.8	16	2 *	23	59	4
GN.33542	GN 615.1-M10-BS	M10	4.5	19	2.5 *	20	54	7
GN.33552	GN 615.1-M12-BS	M12	6	22	3.5 *	38	96	10
GN.33562	GN 615.1-M16-BS	M16	8.5	24	4.5 #	50	100	24
GN.33572	GN 615.1-M20-BS	M20	10	30	6.5 #	52	133	43
GN.33582	GN 615.1-M24-BS	M24	13	34	8 #	91	223	70

* Tolerance +0.3/-0.4 # Tolerance ±0.3

GN 615.1-BN

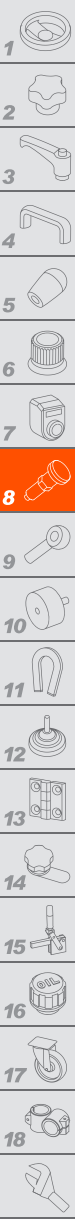


Code	Description	d1	d2-0.1	±0.1	w	Spring preload [N]	Spring max load [N]	△
GN.33503	GN 615.1-M4-BN	M4	1.8	9	1.5 *	4.5	12.5	1
GN.33513	GN 615.1-M5-BN	M5	2.4	12	2 *	5	13	1
GN.33523	GN 615.1-M6-BN	M6	2.7	14	2 *	6	17	2
GN.33533	GN 615.1-M8-BN	M8	3.8	16	2 *	16	33	4
GN.33543	GN 615.1-M10-BN	M10	4.5	19	2.5 *	19	42	7
GN.33553	GN 615.1-M12-BN	M12	6	22	3.5 *	22	57	10
GN.33563	GN 615.1-M16-BN	M16	8.5	24	4.5 #	38	78	24
GN.33573	GN 615.1-M20-BN	M20	10	30	6.5 #	39	81	43
GN.33583	GN 615.1-M24-BN	M24	13	34	8 #	72	155	70

GN 615.1-BSN

GN.33524	GN 615.1-M6-BSN	M6	2.7	14	2 *	11	25	2
GN.33534	GN 615.1-M8-BSN	M8	3.8	16	2 *	23	59	4
GN.33544	GN 615.1-M10-BSN	M10	4.5	19	2.5 *	20	54	7
GN.33554	GN 615.1-M12-BSN	M12	6	22	3.5 *	38	96	10
GN.33564	GN 615.1-M16-BSN	M16	8.5	24	4.5 #	50	100	24
GN.33574	GN 615.1-M20-BSN	M20	10	30	6.5 #	52	133	43
GN.33584	GN 615.1-M24-BSN	M24	13	34	8 #	91	223	70

* Tolerance +0.3/-0.4 # Tolerance ±0.3



Indexing and positioning elements