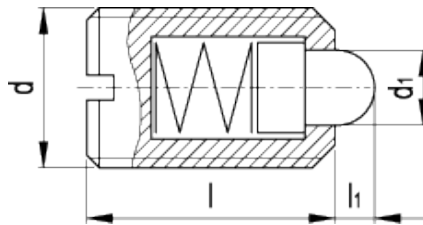


GN 615.1-NI

Threaded bolt spring plunger



INOX
Stainless Steel



technical informations

Threaded body

AISI 303 stainless steel, screwdriver slotted head.

Bolt and spring

- Execution BN: nitrided AISI 303 stainless steel bolt, stainless steel spring with normal end-force.
- Execution BSN (with yellow painted body): nitrided AISI 303 stainless steel bolt, stainless steel, housing with two longitudinal marks.

Special executions on request (For sufficient quantities)

- Execution BN-MVK, BSN-MVK: thread locking by means of micro-encapsulated red patch (see [Technical Data](#)). Working temperature: from -40°C to +170°C.
- Execution BN-PFB, BSN-PFB: thread locking by means of polyamide blue coating (see [Technical Data](#)). Working temperature: from -50°C to +90°C.

Features and applications

AISI 303 stainless steel, thanks to its high resistance to corrosion, allows the application of these plungers on machines and equipment in those sectors where laws or particular hygienic, climatic and environmental factors make it mandatory to use corrosion resistant materials.

Standard Elements	Main dimensions				Spring pressure		Weight
Description	d _{6g}	l ±0.1	d ₁ ^{-0.1}	l ₁	Preload [N~]	Max. load [N~]	g
GN 615.1-M4-BN	M4	9	1.8	1.5*	4.5	12.5	1
GN 615.1-M5-BN	M5	12	2.4	2*	5	13	1
GN 615.1-M6-BN	M6	14	2.7	2*	6	17	2
GN 615.1-M8-BN	M8	16	3.8	2*	16	33	4
GN 615.1-M10-BN	M10	19	4.5	2.5*	19	42	7
GN 615.1-M12-BN	M12	22	6	3.5*	22	57	10
GN 615.1-M16-BN	M16	24	8.5	4.5#	38	78	24
GN 615.1-M20-BN	M20	30	10	6.5#	39	81	43
GN 615.1-M24-BN	M24	34	13	8#	72	155	70
GN 615.1-M6-BSN	M6	14	2.7	2*	11	25	2
GN 615.1-M8-BSN	M8	16	3.8	2*	23	59	4
GN 615.1-M10-BSN	M10	19	4.5	2.5*	20	54	7
GN 615.1-M12-BSN	M12	22	6	3.5*	38	96	10
GN 615.1-M16-BSN	M16	24	8.5	4.5#	50	100	24
GN 615.1-M20-BSN	M20	30	10	6.5#	52	133	43
GN 615.1-M24-BSN	M24	34	13	8#	91	223	70

* Tolerance +0.3/-0.4 # Tolerance ±0.3



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STANDARD MACHINE ELEMENTS WORLDWIDE