

Threaded bolt spring plungers

• Threaded body

AISI 303 stainless steel, hexagon socket head.

• Bolt and spring

- Execution **SN**: nitrided AISI 303 stainless steel bolt, stainless steel spring with normal end-force. Maximum working temperature 250°C.

- Execution **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 (For sufficient quantities)

- Execution **SN-MVK, KN-MVK**: thread locking by means of micro-encapsulated red patch (see Technical Data on page A22).

Working temperature from -40°C to +170°C.

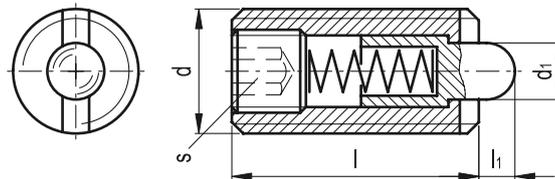
- Execution **SN-PFB, KN-PFB**: thread locking by means of polyamide blue coating (see Technical Data on page A23).

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.

The slot on the plunger side is provided for a blind hole application. A special screw driver GN 616.5 is available.



Standard Elements	Main dimensions					Spring pressure		△	Screw driver
Description	d	d1	l +0.2	l1 +0.3 -0.1	s	Preload [N~]	Max. load [N~]	g	Description
GN 616-M4-SN	M4	1.5	15	1.5	1.3	4.5	16	1	GN 616.5-M4
GN 616-M5-SN	M5	2.4	18	2.3	1.5	6	19	2	GN 616.5-M5
GN 616-M6-SN	M6	2.7	20	2.5	2	6	19	3	GN 616.5-M6
GN 616-M8-SN	M8	3.5	22	3	2.5	10	39	6	GN 616.5-M8
GN 616-M10-SN	M10	4	22	3	3	10	39	9	GN 616.5-M10
GN 616-M12-SN	M12	6	28	4	4	12	53	16	GN 616.5-M12
GN 616-M16-SN	M16	7.5	32	5	5	45	100	35	GN 616.5-M16
GN 616-M20-SN	M20	10	40	7	6	52	125	65	GN 616.5-M20
GN 616-M4-KN	M4	1.5	15	1.5	1.3	4.5	16	1	GN 616.5-M4
GN 616-M5-KN	M5	2.4	18	2.3	1.5	6	19	2	GN 616.5-M5
GN 616-M6-KN	M6	2.7	20	2.5	2	6	19	3	GN 616.5-M6
GN 616-M8-KN	M8	3.5	22	3	2.5	10	39	6	GN 616.5-M8
GN 616-M10-KN	M10	4	22	3	3	10	39	9	GN 616.5-M10
GN 616-M12-KN	M12	6	28	4	4	12	53	16	GN 616.5-M12
GN 616-M16-KN	M16	7.5	32	5	5	45	100	36	GN 616.5-M16