

Threaded bolt spring plungers long stroke



• Threaded body

Black-oxide steel, partially coated with PFB polyamide blue coating for threads instant locking (see catalogue 038, page A23).

• Bolt

Case-hardened ground black-oxide steel.

• Spring

Steel.

- Version **L**: with normal end-force.

- Version **LS**: with heavy end-force with not burnished hexagon socket.

• Working temperature

From -50°C to +90°C.

Special executions on request (For sufficient quantities)

Version **L-MVK** and **LS-MVK**: thread locking by means of micro-encapsulated red patch (see catalogue 038, page A22).

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

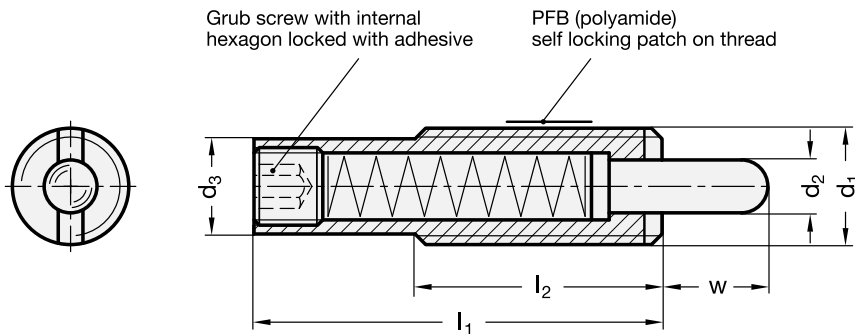
Features and applications

GN 611 threaded bolt spring plungers are normally used for machining metal sheets, as ejectors for push-on or push-off operations or as cushion.

The slot on the plunger side is provided for a blind hole application.

Special screw drivers GN 611.5 are available.

They have to be ordered separately.



Standard Elements Description	Main dimensions							Spring pressure in N ≈		Δ g	Screw driver Description
	d1	w	d2	d3	l1	l2	sw	Preload	Max. load		
GN 611-M10-8-L	M10	8	4	7.8	35	25	3	6	16	13	GN 611.5-M10
GN 611-M12-10-L	M12	10	5.5	9.5	43	35	4	4	18	23	GN 611.5-M12
GN 611-M16-10-L	M16	10	8	13.4	48	35	6	7	24	42	GN 611.5-M16
GN 611-M16-15-L	M16	15	8	13.4	58	35	6	9	33	54	GN 611.5-M16
GN 611-M16-20-L	M16	20	8	13.4	58	35	6	4	23	55	GN 611.5-M16
GN 611-M16-25-L	M16	25	8	13.4	98	35	6	13	41	78	GN 611.5-M16
GN 611-M16-30-L	M16	30	8	13.4	98	35	6	13	47	83	GN 611.5-M16
GN 611-M16-40-L	M16	40	8	13.4	148	35	6	13	63	123	GN 611.5-M16
GN 611-M16-50-L	M16	50	8	13.4	148	35	6	7	43	127	GN 611.5-M16
GN 611-M12-10-LS	M12	10	5.5	9.5	43	35	4	7	46	23	GN 611.5-M12
GN 611-M16-10-LS	M16	10	8	13.4	48	35	6	10	43	42	GN 611.5-M16
GN 611-M16-15-LS	M16	15	8	13.4	58	35	6	10	57	55	GN 611.5-M16
GN 611-M16-20-LS	M16	20	8	13.4	83	35	6	18	72	78	GN 611.5-M16
GN 611-M16-25-LS	M16	25	8	13.4	98	35	6	20	70	83	GN 611.5-M16
GN 611-M16-30-LS	M16	30	8	13.4	98	35	6	20	80	109	GN 611.5-M16
GN 611-M16-40-LS	M16	40	8	13.4	148	35	6	21	113	123	GN 611.5-M16
GN 611-M16-50-LS	M16	50	8	13.4	148	35	6	13	75	127	GN 611.5-M16