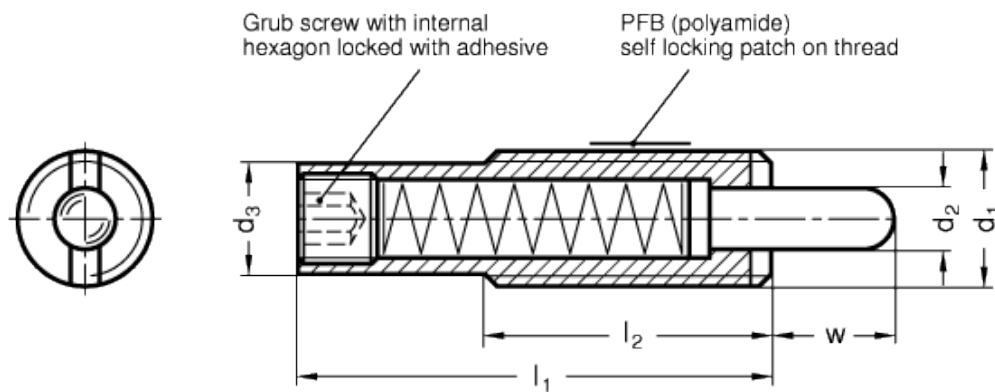


GN 611

Threaded bolt spring plungers long stroke



technical informations

Threaded body

Black-oxide steel, partially coated with PFB polyamide blue coating for threads instant locking (see [Technical Data](#)).

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 $+90^{\circ}\text{C}$.

Special executions on request (For sufficient quantities)

Version L-MVK and LS-MVK: thread locking by means of micro-encapsulated red patch (see [Technical Data](#)). 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. A special screw driver GN 611.5 is available.

Standard Elements	Main dimensions							Spring pressure in N \approx		Weight	Screw driver
Description	d ₁	w	d ₂	d ₃	l ₁	l ₂	A/F	Preload	Max. load	g	Description
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



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