

GN 611 | Bolt spring plungers

Long stroke, steel



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THREADED BODY

Black-oxide steel, partially coated with PFB polyamide coating (see Technical data on page A-20), blue colour, for instant thread locking.

PLUNGER

Case-hardened ground black-oxide steel.

STANDARD EXECUTIONS

- **GN 611-L**: steel spring with normal end-force.
- **GN 611-LS**: steel spring with heavy end-force, threaded body with two laser-engraved lines.

WORKING TEMPERATURE

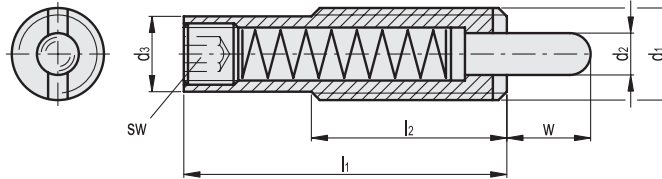
From -50°C to +90°C.

FEATURES AND APPLICATIONS

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

SPECIAL EXECUTIONS ON REQUEST

GN 611-L-MVK and GN 611-LS-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 611-L

Code	Description	d1	d2	d3	l1	l2	sw	w	Spring preload [N]	Spring max load [N]	⚖️
GN.34252	GN 611-M10-8-L	M10	4	7.8	35	25	3	8	6	16	13
GN.34254	GN 611-M12-10-L	M12	5.5	9.5	43	35	4	10	4	18	23
GN.34255	GN 611-M16-10-L	M16	8	13.4	48	35	6	10	7	24	42
GN.34256	GN 611-M16-15-L	M16	8	13.4	58	35	6	15	9	33	54
GN.34257	GN 611-M16-20-L	M16	8	13.4	58	35	6	20	4	23	55
GN.34258	GN 611-M16-25-L	M16	8	13.4	98	35	6	25	13	41	78
GN.34259	GN 611-M16-30-L	M16	8	13.4	98	35	6	30	13	47	83
GN.34260	GN 611-M16-40-L	M16	8	13.4	148	35	6	40	13	63	123
GN.34262	GN 611-M16-50-L	M16	8	13.4	148	35	6	50	7	43	127

GN 611-LS

Code	Description	d1	d2	d3	l1	l2	sw	w	Spring preload [N]	Spring max load [N]	⚖️
GN.34264	GN 611-M12-10-LS	M12	5.5	9.5	43	35	4	10	7	46	23
GN.34265	GN 611-M16-10-LS	M16	8	13.4	48	35	6	10	10	43	42
GN.34266	GN 611-M16-15-LS	M16	8	13.4	58	35	6	15	10	57	55
GN.34267	GN 611-M16-20-LS	M16	8	13.4	83	35	6	20	18	72	78
GN.34268	GN 611-M16-25-LS	M16	8	13.4	98	35	6	25	20	70	83
GN.34269	GN 611-M16-30-LS	M16	8	13.4	98	35	6	30	20	80	109
GN.34271	GN 611-M16-40-LS	M16	8	13.4	148	35	6	40	21	113	123
GN.34273	GN 611-M16-50-LS	M16	8	13.4	148	35	6	50	13	75	127

Indexing and positioning elements