

Spring Plungers

Steel / Stainless Steel, Ball with Friction Bearing, with Slot

SPECIFICATION

Types

- Type **K**: Steel, standard spring load
- Type **KS**: Steel, high spring load
- Type **KN**: Stainless Steel, standard spring load
- Type **KSN**: Stainless Steel, high spring load

Type K / KS

- Housing Steel, blackened
- Ball Steel, hardened

Type KN / KSN

- Housing Stainless Steel AISI 303
- Ball Stainless Steel AISI 420C, hardened

Spring

Stainless Steel AISI 631

Friction bearing

- Plastic
- temperature resistant up to 90 °C

Identification of type KS / KSN:

Housing with 2 longitudinal markings



INFORMATION

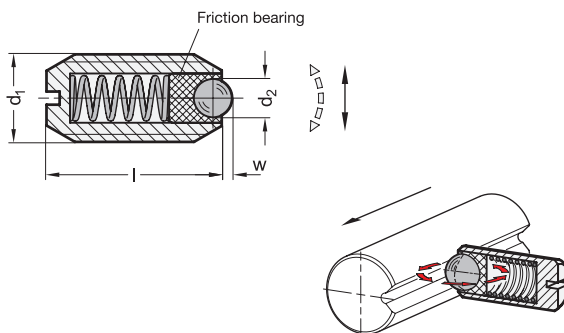
GN 615.8 spring plungers are used for locking as well as for pressure and hold-off functions.

The ball is mounted in a plastic shell so as to be freely movable, which enables rolling and therefore generally optimizes the locking characteristics. Above all, this reduces wear on the counter piece.

A further characteristic of these plungers is that the plastic bearing acts as an electrical insulator.

TECHNICAL INFORMATION

- Stainless Steel characteristics (see page A26)



GN 615.8-K/KS

Description	d1	d2	l	w	Spring load in N ≈ initial	Spring load in N ≈ end	⚖
GN 615.8-M5-K	M 5	2	12	0.5	4.8	6.8	1
GN 615.8-M6-K	M 6	2.5	14	0.7	6.3	10	2
GN 615.8-M8-K	M 8	3.5	16	0.95	16	24	4
GN 615.8-M10-K	M 10	4.5	19	1.4	18.8	31.7	6
GN 615.8-M12-K	M 12	6.5	22	2.3	26	49	10
GN 615.8-M16-K	M 16	8.5	24	3.1	38	68	21
GN 615.8-M5-KS	M 5	2	12	0.5	10	14	1
GN 615.8-M6-KS	M 6	2.5	14	0.7	11	16	2
GN 615.8-M8-KS	M 8	3.5	16	0.95	23	40	4
GN 615.8-M10-KS	M 10	4.5	19	1.4	28	54.3	6
GN 615.8-M12-KS	M 12	6.5	22	2.3	39.5	77.3	10
GN 615.8-M16-KS	M 16	8.5	24	3.1	50	88.7	21

GN 615.8-KN/KSN

STAINLESS STEEL

Description	d1	d2	l	w	Spring load in N ≈ initial	Spring load in N ≈ end	⚖
GN 615.8-M5-KN	M 5	2	12	0.5	4.8	6.8	1
GN 615.8-M6-KN	M 6	2.5	14	0.7	6.3	10	2
GN 615.8-M8-KN	M 8	3.5	16	0.95	16	24	4
GN 615.8-M10-KN	M 10	4.5	19	1.4	18.8	31.7	6
GN 615.8-M12-KN	M 12	6.5	22	2.3	26	49	10
GN 615.8-M16-KN	M 16	8.5	24	3.1	38	68	21
GN 615.8-M5-KSN	M 5	2	12	0.5	10	14	1
GN 615.8-M6-KSN	M 6	2.5	14	0.7	11	16	2
GN 615.8-M8-KSN	M 8	3.5	16	0.95	23	40	4
GN 615.8-M10-KSN	M 10	4.5	19	1.4	28	54.3	6
GN 615.8-M12-KSN	M 12	6.5	22	2.3	39.5	77.3	10
GN 615.8-M16-KSN	M 16	8.5	24	3.1	50	88.7	21