Spring Plungers

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

SPECIFICATION

Types
- Type **KN**: Stainless steel, standard spring load
- Type **KSN**: Stainless steel, high spring load

Housing
Stainless steel

Ball
Ceramic
Silicon nitride, black

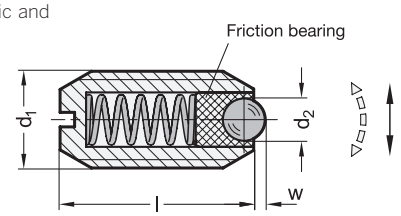
Spring
Stainless steel

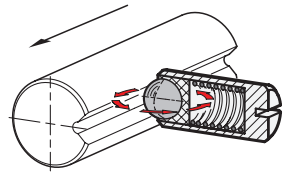
Friction bearing
Plastic
Operating temperature -30 °C to +90 °C

Identification of type KSN
Housing with 2 longitudinal markings

INFORMATION

Spring plungers GN 615.10 are used for locking as well as for push-on and push-off functions.
The ball moves freely within a plastic friction bearing, allowing objects to roll along the ball. This minimizes wear on the other object and optimizes the holding function.
Due to the selection of materials, the spring plungers are suitable for use in highly corrosive environments. In addition, the ceramic ball and the plastic friction bearing are low wearing, anti-magnetic and electrically insulating.





GN 615.10-KN — STAINLESS STEEL

Description	d_1	d_2	Length l	w Compression	Spring load in N ≈ Initial	Spring load in N ≈ End	⚖
GN 615.10-M5-KN	M 5	2	12	0.5	4.8	6.8	1
GN 615.10-M6-KN	M 6	2.5	14	0.7	6.3	10	2
GN 615.10-M8-KN	M 8	3.5	16	0.95	16.1	24	3
GN 615.10-M10-KN	M 10	4.5	19	1.4	18.8	31.7	6
GN 615.10-M12-KN	M 12	6.5	22	2.5	24	49	9
GN 615.10-M16-KN	M 16	8.5	24	3.1	38	68	20

GN 615.10-KSN — STAINLESS STEEL

Description	d_1	d_2	Length l	w Compression	Spring load in N ≈ Initial	Spring load in N ≈ End	⚖
GN 615.10-M5-KSN	M 5	2	12	0.5	10	14	1
GN 615.10-M6-KSN	M 6	2.5	14	0.7	11	16	2
GN 615.10-M8-KSN	M 8	3.5	16	0.95	22.9	40	3
GN 615.10-M10-KSN	M 10	4.5	19	1.4	28.1	54.3	6
GN 615.10-M12-KSN	M 12	6.5	22	2.5	36.5	77.3	9
GN 615.10-M16-KSN	M 16	8.5	24	3.1	50	88.7	20