

Spring Plungers

Steel / Stainless Steel, with Ball / 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, 1.3505, hardened

Type KN / KSN

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

Pressure Spring

Stainless steel AISI 631

Identification of the types KS / KSN:

Housing with 2 longitudinal markings

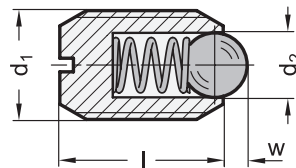


INFORMATION

Spring plungers GN 615 are used as detents as well as for push-on and push-off applications and ejectors.

TECHNICAL INFORMATION

- Stainless Steel characteristics (see page A26)



GN 615-K/KS

Description	d1	d2	l ±0.1	w	Spring load in N ≈ initial	Spring load in N ≈ end	
GN 615-M3-K	M 3	1.5	7	0.4	3	4.5	1
GN 615-M4-K	M 4	2.5	9	0.8	6	14	1
GN 615-M5-K	M 5	3	12	0.9	8	14	1
GN 615-M6-K	M 6	3.5	14	1	11	18	2
GN 615-M8-K	M 8	4.5	16	1.5	18	31	3
GN 615-M10-K	M 10	6	19	2	24	45	7
GN 615-M12-K	M 12	8	22	2.5	26	49	10
GN 615-M16-K	M 16	10	24	3.5	41	86	20
GN 615-M20-K	M 20	12	30	4.5	56	111	43
GN 615-M24-K	M 24	15	34	5.5	81	151	70
GN 615-M4-KS	M 4	2.5	9	0.8	12	18	1
GN 615-M5-KS	M 5	3	12	0.9	15	22	1
GN 615-M6-KS	M 6	3.5	14	1	19	28	2
GN 615-M8-KS	M 8	4.5	16	1.5	36	62	2
GN 615-M10-KS	M 10	6	19	2	57	104	6
GN 615-M12-KS	M 12	8	22	2.5	61	110	10
GN 615-M16-KS	M 16	10	24	3.5	68	142	22
GN 615-M20-KS	M 20	12	30	4.5	84	166	43
GN 615-M24-KS	M 24	15	34	5.5	127	237	70

GN 615-KN/KSN

STAINLESS STEEL

Description	d1	d2	l ±0.1	w	Spring load in N ≈ initial	Spring load in N ≈ end	
GN 615-M2-KN	M 2	1	4	0.3	0.8	1.5	1
GN 615-M3-KN	M 3	1.5	7	0.4	3	4.5	1
GN 615-M4-KN	M 4	2.5	9	0.8	6	14	1
GN 615-M5-KN	M 5	3	12	0.9	8	14	1
GN 615-M6-KN	M 6	3.5	14	1	11	18	2
GN 615-M8-KN	M 8	4.5	16	1.5	18	31	4
GN 615-M10-KN	M 10	6	19	2	24	45	7
GN 615-M12-KN	M 12	8	22	2.5	26	49	10
GN 615-M16-KN	M 16	10	24	3.5	41	86	22
GN 615-M20-KN	M 20	12	30	4.5	56	111	43
GN 615-M24-KN	M 24	15	34	5.5	81	151	70
GN 615-M4-KSN	M 4	2.5	9	0.8	12	18	1
GN 615-M5-KSN	M 5	3	12	0.9	15	22	1
GN 615-M6-KSN	M 6	3.5	14	1	19	28	2
GN 615-M8-KSN	M 8	4.5	16	1.5	36	62	4
GN 615-M10-KSN	M 10	6	19	2	57	104	7
GN 615-M12-KSN	M 12	8	22	2.5	61	110	10
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