

## 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

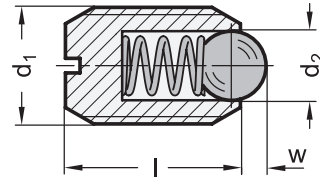


### INFORMATION

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

Description	d1	d2	l ±0.1	w	Spring load in N ≈ initial	Spring load in N ≈ end	⚖
GN 615-M2-K	M 2	1	4	0.3	0.8	1.5	1
GN 615-M3-K	M 3	1.5	7	0.4	3	4.5	2
GN 615-M4-K	M 4	2.5	9	0.8	8.5	14	3
GN 615-M5-K	M 5	3	12	0.9	8	14	4
GN 615-M6-K	M 6	3.5	14	1	11	18	5
GN 615-M8-K	M 8	4.5	16	1.5	18	31	6
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-KS

Description	d1	d2	l ±0.1	w	Spring load in N ≈ initial	Spring load in N ≈ end	⚖
GN 615-M2-KS	M 2	1	4	0.3	1.6	2	1
GN 615-M3-KS	M 3	1.5	7	0.4	6.4	9.5	2
GN 615-M4-KS	M 4	2.5	9	0.8	12	18	3
GN 615-M5-KS	M 5	3	12	0.9	15	22	4
GN 615-M6-KS	M 6	3.5	14	1	19	28	5
GN 615-M8-KS	M 8	4.5	16	1.5	36	62	6
GN 615-M10-KS	M 10	6	19	2	57	104	7
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

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	2
GN 615-M4-KN	M 4	2.5	9	0.8	8.5	14	3
GN 615-M5-KN	M 5	3	12	0.9	8	14	4
GN 615-M6-KN	M 6	3.5	14	1	11	18	5
GN 615-M8-KN	M 8	4.5	16	1.5	18	31	6
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-KSN

STAINLESS STEEL

Description	d1	d2	l ±0.1	w	Spring load in N ≈ initial	Spring load in N ≈ end	⚖
GN 615-M2-KSN	M 2	1	4	0.3	1.6	2	1
GN 615-M3-KSN	M 3	1.5	7	0.4	6.4	9.5	2
GN 615-M4-KSN	M 4	2.5	9	0.8	12	18	3
GN 615-M5-KSN	M 5	3	12	0.9	15	22	4
GN 615-M6-KSN	M 6	3.5	14	1	19	28	5
GN 615-M8-KSN	M 8	4.5	16	1.5	36	62	6
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
GN 615-M16-KSN	M 16	10	24	3.5	68	142	22
GN 615-M20-KSN	M 20	12	30	4.5	84	166	43
GN 615-M24-KSN	M 24	15	34	5.5	127	237	70