

Spring plungers

Steel / Stainless Steel, with bolt / with internal hexagon

SPECIFICATION

Version in Steel

Types

- Type **S**: Bolt Steel, standard spring load
- Type **SS**: Bolt Steel, high spring load
- Type **K**: Bolt Plastic, standard spring load

Housing

Steel, blackened

Type S / SS

Bolt Steel, hardened

Type K

Bolt Plastic (Polyacetal POM)

temperature resistant up to 50 °C

Spring

Stainless Steel AISI 631

Marking of Type SS

Housing with 2 longitudinal markings

Version in Stainless Steel

Types

- Type **SN**: Bolt Stainless Steel, standard spring load
- Type **KN**: Bolt Plastic, standard spring load

Housing

Stainless Steel AISI 303

Type SN

Bolt, Stainless Steel AISI 303, nitrided

Type KN

Bolt Plastic (Polyacetal POM)

temperature resistant up to 50 °C

Spring

Stainless Steel AISI 631

INFORMATION

Spring plungers GN 616 are used as detents as well as for push-on and push-off applications and ejectors.

The slot on the plunger side is provided for blind hole applications. A special screw driver GN 616.5 is available.

ACCESSORY

- Screw drivers GN 616.5 (Code no. see table)

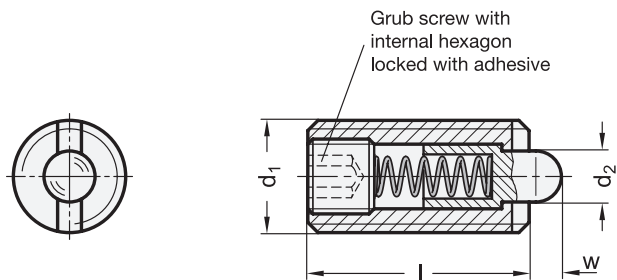
ON REQUEST

- with thread locking PFB / MVK

TECHNICAL INFORMATION

- Stainless Steel characteristics (see page A26)





GN 616

Description	d1	d2	l ±0.2	A/F	w +0.3/0.1	Spring load in N ≈ initial	Spring load in N ≈ end	Code no. for screw driver	⚖
GN 616-M3-S	M 3	1	12	0.7	1	2	4	GN 616.5-M3	1
GN 616-M4-S	M 4	1.5	15	1.3	1.5	4.5	16	GN 616.5-M4	1
GN 616-M5-S	M 5	2.4	18	1.5	2.3	6	19	GN 616.5-M5	2
GN 616-M6-S	M 6	2.7	20	2	2.5	6	19	GN 616.5-M6	3
GN 616-M8-S	M 8	3.5	22	2.5	3	10	39	GN 616.5-M8	6
GN 616-M10-S	M 10	4	22	3	3	10	39	GN 616.5-M10	9
GN 616-M12-S	M 12	6	28	4	4	12	53	GN 616.5-M12	16
GN 616-M16-S	M 16	7.5	32	5	5	45	100	GN 616.5-M16	35
GN 616-M20-S	M 20	10	40	6	7	52	125	GN 616.5-M20	65
GN 616-M24-S	M 24	12	52	8	10	70	170	GN 611.5-M24	131
GN 616-M5-SS	M 5	2.4	18	1.5	2.3	11	40	GN 616.5-M5	2
GN 616-M6-SS	M 6	2.7	20	2	2.5	15	43	GN 616.5-M6	3
GN 616-M8-SS	M 8	3.5	22	2.5	3	20	75	GN 616.5-M8	6
GN 616-M10-SS	M 10	4	22	3	3	20	75	GN 616.5-M10	9
GN 616-M12-SS	M 12	6	28	4	4	54	120	GN 616.5-M12	16
GN 616-M16-SS	M 16	7.5	32	5	5	64	160	GN 616.5-M16	30
GN 616-M20-SS	M 20	10	40	6	7	75	195	GN 616.5-M20	65
GN 616-M24-SS	M 24	12	52	8	10	75	245	GN 611.5-M24	120
GN 616-M4-K	M 4	1.5	15	1.3	1.5	4.5	16	GN 616.5-M4	1
GN 616-M5-K	M 5	2.4	18	1.5	2.3	6	19	GN 616.5-M5	2
GN 616-M6-K	M 6	2.7	20	2	2.5	6	19	GN 616.5-M6	2
GN 616-M8-K	M 8	3.5	22	2.5	3	10	39	GN 616.5-M8	5
GN 616-M10-K	M 10	4	22	3	3	10	39	GN 616.5-M10	10
GN 616-M12-K	M 12	6	28	4	4	12	53	GN 616.5-M12	14
GN 616-M16-K	M 16	7.5	32	5	5	45	100	GN 616.5-M16	31

GN 616-SN/KN

STAINLESS STEEL

Description	d1	d2	l ±0.2	A/F	w +0.3/0.1	Spring load in N ≈ initial	Spring load in N ≈ end	Code no. for screw driver	⚖
GN 616-M4-SN	M 4	1.5	15	1.3	1.5	4.5	16	GN 616.5-M4	1
GN 616-M5-SN	M 5	2.4	18	1.5	2.3	6	19	GN 616.5-M5	2
GN 616-M6-SN	M 6	2.7	20	2	2.5	6	19	GN 616.5-M6	3
GN 616-M8-SN	M 8	3.5	22	2.5	3	10	39	GN 616.5-M8	6
GN 616-M10-SN	M 10	4	22	3	3	10	39	GN 616.5-M10	9
GN 616-M12-SN	M 12	6	28	4	4	12	53	GN 616.5-M12	16
GN 616-M16-SN	M 16	7.5	32	5	5	45	100	GN 616.5-M16	35
GN 616-M20-SN	M 20	10	40	6	7	52	125	GN 616.5-M20	67
GN 616-M4-KN	M 4	1.5	15	1.3	1.5	4.5	16	GN 616.5-M4	1
GN 616-M5-KN	M 5	2.4	18	1.5	2.3	6	19	GN 616.5-M5	2
GN 616-M6-KN	M 6	2.7	20	2	2.5	6	19	GN 616.5-M6	3
GN 616-M8-KN	M 8	3.5	22	2.5	3	10	39	GN 616.5-M8	5
GN 616-M10-KN	M 10	4	22	3	3	10	39	GN 616.5-M10	9
GN 616-M12-KN	M 12	6	28	4	4	12	53	GN 616.5-M12	16
GN 616-M16-KN	M 16	7.5	32	5	5	45	100	GN 616.5-M16	32