

Spring Plungers

Steel / Stainless Steel / Plastic, with Collar, with Ball, with Front Slot

SPECIFICATION

Types

- Type **ST**: Housing steel, ball stainless steel
- Type **NI**: Housing stainless steel, ball stainless steel
- Type **KU**: Housing plastic, ball stainless steel
- Type **KD**: Housing plastic, ball plastic

Type ST

- Housing steel, blackened
- Ball stainless steel AISI 303, hardened

Type NI

- Housing stainless steel AISI 303
- Ball stainless steel AISI 303, hardened

Type KU

- Housing plastic, polyacetal (POM)
 - Operating temperature -30 °C to +50 °C
 - Blue
- Ball
 - Stainless steel AISI 420C, hardened

Type KD

- Housing plastic, polyacetal (POM)
 - Operating temperature -30 °C to +50 °C
 - Blue
- Ball
 - Plastic, polyacetal (POM), white

Spring

Stainless steel AISI 302



INFORMATION

Spring plungers GN 616.2 are used for locking as well as for push-on and push-off functions.

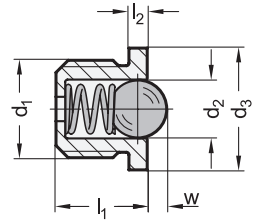
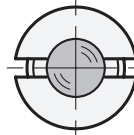
The slot on the ball side is used for screwing into pocket holes. A mounting tool GN 611.2 is available (see table).

ACCESSORY

- GN 611.2 Mounting Tools (see page)

TECHNICAL INFORMATION

- Plastic Characteristics (see page A2)
- Stainless Steel Characteristics (see page A26)



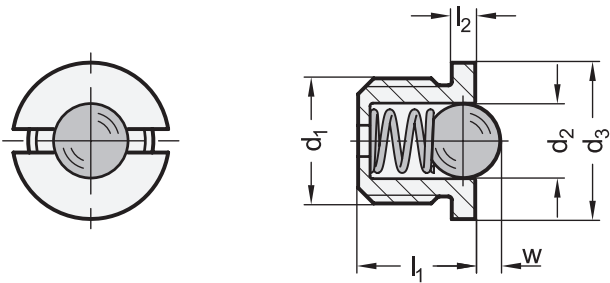
GN 616.2-ST

Description	d1	d2	d3 -0.1	l1	l2 -0.1	w ±0.1 Compression	Spring load in N ≈ Initial	Spring load in N ≈ End	Code no. for mounting tool	⚖
GN 616.2-M4-ST	M 4	2	5.5	4	0.6	0.6	1.7	3.9	GN 611.2-M4	1
GN 616.2-M5-ST	M 5	3	7	5	0.8	0.8	2.9	4.5	GN 611.2-M5	1
GN 616.2-M6-ST	M 6	3.5	8	6	1	1	3.6	8.7	GN 611.2-M6	1
GN 616.2-M8-ST	M 8	5	10	7	1.6	1.6	5.4	10.2	GN 611.2-M8	2
GN 616.2-M10-ST	M 10	6.35	12	9	1.9	1.9	7.4	17.5	GN 611.2-M10	4
GN 616.2-M12-ST	M 12	8	14	11.5	2.4	2.4	10.8	22.3	GN 611.2-M12	6

GN 616.2-NI

STAINLESS STEEL

Description	d1	d2	d3 -0.1	l1	l2 -0.1	w ±0.1 Compression	Spring load in N ≈ Initial	Spring load in N ≈ End	Code no. for mounting tool	⚖
GN 616.2-M4-NI	M 4	2	5.5	4	0.6	0.6	1.7	3.9	GN 611.2-M4	1
GN 616.2-M5-NI	M 5	3	7	5	0.8	0.8	2.9	4.5	GN 611.2-M5	1
GN 616.2-M6-NI	M 6	3.5	8	6	1	1	3.6	8.7	GN 611.2-M6	1
GN 616.2-M8-NI	M 8	5	10	7	1.6	1.6	5.4	10.2	GN 611.2-M8	2
GN 616.2-M10-NI	M 10	6.35	12	9	1.9	1.9	7.4	17.5	GN 611.2-M10	4
GN 616.2-M12-NI	M 12	8	14	11.5	2.4	2.4	10.8	22.3	GN 611.2-M12	6



GN 616.2-KU

Description	d ₁	d ₂	d ₃ -0.1	l ₁	l ₂ -0.1	w ±0.1 Compression	Spring load in N ≈ Initial	Spring load in N ≈ End	Code no. for mounting tool	
GN 616.2-M4-KU	M 4	2	5.5	4	0.6	0.6	2.1	3.9	GN 611.2-M4	1
GN 616.2-M5-KU	M 5	3	7	5	0.8	0.8	3.2	4.5	GN 611.2-M5	1
GN 616.2-M6-KU	M 6	3.5	8	6	1	1	4.1	8.7	GN 611.2-M6	1
GN 616.2-M8-KU	M 8	5	10	7	1.5	1.6	5.7	10.2	GN 611.2-M8	1
GN 616.2-M10-KU	M 10	6.5	12	9	1.5	1.9	9.2	17.2	GN 611.2-M10	2
GN 616.2-M12-KU	M 12	8	14	11.5	1.5	2.4	11.2	22.3	GN 611.2-M12	3

GN 616.2-KD

Description	d ₁	d ₂	d ₃ -0.1	l ₁	l ₂ -0.1	w ±0.1 Compression	Spring load in N ≈ Initial	Spring load in N ≈ End	Code no. for mounting tool	
GN 616.2-M4-KD	M 4	2	5.5	4	0.6	0.6	2.1	3.9	GN 611.2-M4	1
GN 616.2-M5-KD	M 5	3	7	5	0.8	0.8	3.2	4.5	GN 611.2-M5	1
GN 616.2-M6-KD	M 6	3.5	8	6	1	1	4.1	8.7	GN 611.2-M6	1
GN 616.2-M8-KD	M 8	5	10	7	1.5	1.6	5.7	10.2	GN 611.2-M8	1
GN 616.2-M10-KD	M 10	6.5	12	9	1.5	1.9	9.2	17.2	GN 611.2-M10	1
GN 616.2-M12-KD	M 12	8	14	11.5	1.5	2.4	11.2	22.3	GN 611.2-M12	1

