

## Spring plungers

Stainless Steel / Brass / Plastic, Press on type, with ball

### SPECIFICATION

#### Housing and Ball Stainless Steel NI

- AISI 305 / 420C
- Housing sheet-metal
- Ball hardened

#### Housing Brass MS

- turned
- Ball Stainless Steel AISI 420C, hardened

#### Housing Plastic (Polyacetal POM) KU

- temperature resistant up to 50 °C
- Ball Stainless Steel AISI 420C, hardened

#### Housing and Ball Plastic (Polyacetal POM) KD

temperature resistant up to 50 °C

Spring  
Stainless Steel AISI 631

### INFORMATION

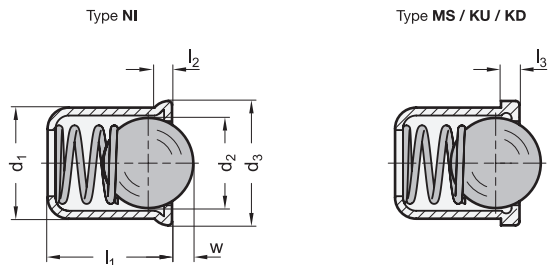
Spring plungers GN 614 are used as detents as well as for push-on and push-off applications and ejectors.

A tolerance of H7 for the location hole of  $d_1$  is recommended.

Due to different production methods, the dimensions  $l_2$  and  $l_3$  are different.

### TECHNICAL INFORMATION

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



#### GN 614-NI

STAINLESS STEEL

Description	$d_1$ +0.1	$d_2$	$d_3$	$l_1 \approx$	$l_2 \approx$	$w$	Spring load in N $\approx$ initial	Spring load in N $\approx$ end	
GN 614-3-NI	3	2.4	3.5	4	0.75	0.7	1.8	3.5	1
GN 614-4-NI	4	3	4.6	5	0.9	1	2.5	6	1
GN 614-5-NI	5	4	5.6	6	0.9	1.4	3	6.5	1
GN 614-6-NI	6	5	6.5	7	1	1.8	5.5	11.5	1
GN 614-8-NI	8	6.5	8.5	9	1.1	2.4	7	12.5	2
GN 614-10-NI	10	8.5	11	13	1.5	3.3	8.5	18.5	4
GN 614-12-NI	12	10	13	16	2.3	4	12	26.5	8

#### GN 614-MS

Description	$d_1$ +0.1	$d_2$	$d_3$	$l_1 \approx$	$l_3$ $\pm 0.1$	$w$	Spring load in N $\approx$ initial	Spring load in N $\approx$ end	
GN 614-3-MS	3	2.4	3.5	4	0.6	0.6	1.8	3.5	2
GN 614-4-MS	4	3	4.6	5	1	0.8	2.5	6	1
GN 614-5-MS	5	4	5.6	6	1	1	3	6.5	1
GN 614-6-MS	6	5	6.5	7	1	1.6	5.5	11.5	1
GN 614-8-MS	8	6.5	8.5	9	1	1.9	7	12.5	3

#### GN 614-KU

Description	$d_1$ +0.1	$d_2$	$d_3$	$l_1 \approx$	$l_3$ $\pm 0.1$	$w$	Spring load in N $\approx$ initial	Spring load in N $\approx$ end	
GN 614-3-KU	3	2	3.5	4	0.6	0.6	1.7	3.6	1
GN 614-4-KU	4	3	4.6	5	1	0.8	2.5	6.5	1
GN 614-5-KU	5	4	5.6	6	1	1	4.5	9	1
GN 614-6-KU	6	5	6.5	7	1	1.6	6.5	13	1
GN 614-8-KU	8	6.5	8.5	9	1	1.9	8	18	2
GN 614-10-KU	10	8	11	13.5	1.5	2.4	12	23	3
GN 614-12-KU	12	10	13	16	1.5	3.3	13	25	6

#### GN 614-KD

Description	$d_1$ +0.1	$d_2$	$d_3$	$l_1 \approx$	$l_3$ $\pm 0.1$	$w$	Spring load in N $\approx$ initial	Spring load in N $\approx$ end	
GN 614-4-KD	4	3	4.6	5	1	0.8	2.5	6.5	1
GN 614-5-KD	5	4	5.6	6	1	1	4.5	9	1
GN 614-6-KD	6	5	6.5	7	1	1.6	6.5	13	1
GN 614-8-KD	8	6.5	8.5	9	1	1.9	8	18	1
GN 614-10-KD	10	8	11	13.5	1.5	2.4	12	23	1
GN 614-12-KD	12	10	13	16	1.5	3.3	13	25	2

