

# GN 614 | Ball spring plungers

Smooth body, technopolymer



## BODY

Acetal resin based (POM) technopolymer.  
Suggested tolerance for plunger housing hole  $d_1 = H7$ .

## STANDARD EXECUTIONS

- **GN 614-KU**: AISI 420C hardened stainless steel ball, AISI 631 stainless steel spring.
- **GN 614-KD**: technopolymer ball, AISI 631 stainless steel spring.

## WORKING TEMPERATURE

From  $-30^{\circ}\text{C}$  to  $+50^{\circ}\text{C}$ .

## ACCESSORIES

To optimise the use of GN 614 smooth ball spring plungers, have been designed holders for spring plungers GN 614.1 (see page 741).

# GN 614-NI | Ball spring plungers

Smooth body, stainless steel



## BODY

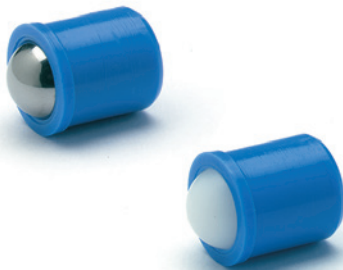
AISI 305 stainless steel.  
Suggested tolerance for plunger housing hole  $d_1 = H7$ .

## STANDARD EXECUTION

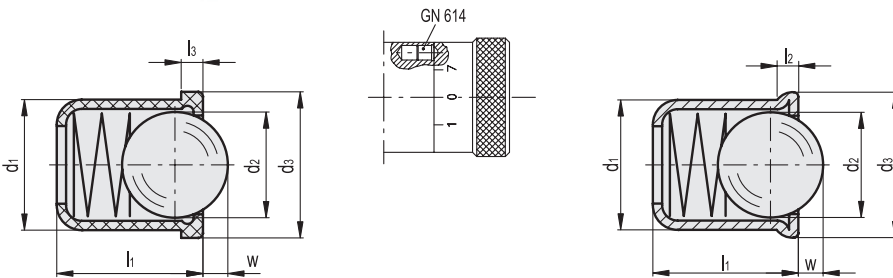
AISI 420C hardened stainless steel ball, AISI 631 stainless steel spring.

## ACCESSORIES

To optimise the use of GN 614-NI smooth ball spring plungers, have been designed Holders for spring plungers GN 614.1 (see page 841).



Application example



## GN 614-KU

Code	Description	d1 +0.1	d2	d3	l1	l3 ±0.1	w	Spring preload [N]	Spring max load [N]	⚖️
GN.31998	GN 614-3-KU	3	2.4	3.5	4	0.6	0.6	1.7	3.6	1
GN.32102	GN 614-4-KU	4	3	4.6	5	1	0.8	2.5	6.5	1
GN.32112	GN 614-5-KU	5	4	5.6	6	1	1	4.5	9	1
GN.32122	GN 614-6-KU	6	5	6.5	7	1	1.6	6.5	13	1
GN.32132	GN 614-8-KU	8	6.5	8.5	9	1	1.9	8	18	2
GN.32142	GN 614-10-KU	10	8.5	11	13	1.5	2.4	12	23	3
GN.32152	GN 614-12-KU	12	10	13	16	1.5	3.3	13	25	5

## GN 614-KD

GN.32103	GN 614-4-KD	4	3	4.6	5	1	0.8	2.5	6.5	1
GN.32113	GN 614-5-KD	5	4	5.6	6	1	1	4.5	9	1
GN.32123	GN 614-6-KD	6	5	6.5	7	1	1.6	6.5	13	1
GN.32133	GN 614-8-KD	8	6.5	8.5	9	1	1.9	8	18	2

## INOX STAINLESS STEEL

Code	Description	d1 +0.1	d2	d3	l1	l2	w	Spring preload [N]	Spring max load [N]	⚖️
GN.31999	GN 614-3-NI	3	2.4	3.5	4	0.75	0.7	1.8	3.5	1
GN.32101	GN 614-4-NI	4	3	4.6	5	0.9	1	2.5	6	1
GN.32111	GN 614-5-NI	5	4	5.6	6	0.9	1.4	3	6.5	1
GN.32121	GN 614-6-NI	6	5	6.5	7	1	1.8	5.5	11.5	1
GN.32131	GN 614-8-NI	8	6.5	8.5	9	1.1	2.4	7	12.5	2
GN.32141	GN 614-10-NI	10	8.5	11	13	1.7	3.3	8.5	18.5	3
GN.32151	GN 614-12-NI	12	10	13	16	2.3	4	12	26.5	4