



## 2 Type

- NI** Stainless steel, standard spring load
- NIS** Stainless steel, high spring load

1

d <sub>1</sub> ±0,04	d <sub>2</sub>	Length l	w Compression	Spring load in N ≈ Standard (Type NI)		Spring load in N ≈ High (Type NIS)	
				Initial	End	Initial	End
2	1	3,5	0,3	0,8	1,5	1,3	2,2
2,5	1,5	5	0,4	2,8	4,7	4,7	7,1
3	2	7	0,65	4,5	7,5	7,8	11,6
3,5	2,5	9	0,8	6	14,5	12	18
4	3	11	0,9	8	14	15	22
4,5	3,2	12	0,95	9,5	16,5	18,7	25,1
5	3,5	13	1	11	18	19,3	26,6
5,5	4	14	1,2	15,5	25	25,1	39,2
6	4,5	15	1,5	18	31	36	60,5
8	6	18	2	24	45	57	103,5
10	8	20	2,5	26	49	61	110
12	10	22	3,5	41	86	68	143

## Specification

- Housing  
Stainless steel AISI 303
- Ball  
Stainless steel AISI 420C  
Hardened
- Pressure spring  
Stainless steel AISI 631
- Identification of type NIS:  
Housing with 2 longitudinal markings



- ISO Fundamental Tolerances → Page 2151
- Stainless Steel Characteristics → Page 2166
- RoHS

## Information

Stainless steel spring plungers GN 614.3 are used for locking as well as for pressure and hold-off functions.

For the mounting hole, tolerance d<sub>1</sub> F8 is recommended for joined fitting and d<sub>1</sub> H9 for press fitting.

see also...

- Spring Plungers GN 614 (Press-On Type, with Ball) → Page 982

How to order

GN614.3-5,5-NI

1 d<sub>1</sub>

2 Type