

GN 614.7

Spring Plungers

Stainless Steel, Press-Fit Type, Long Version, with Ball

SPECIFICATION

Housing
Stainless steel AISI 305

Ball
Stainless steel AISI 420C **NI**
Hardened

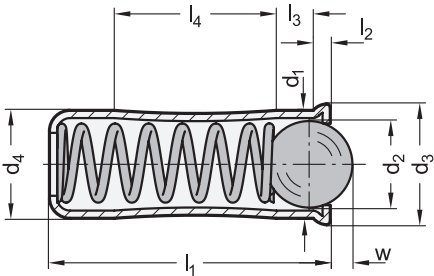
Pressure spring
Stainless steel AISI 631

INFORMATION

Press-fit stainless steel spring plungers GN 614.7 are used as detents as well as for push-on and push-off applications and ejectors. The tolerance d_1 H7 is recommended for the locating bore.

TECHNICAL INFORMATION

- ISO Fundamental Tolerances (see page A21)
- Stainless Steel Characteristics (see page A26)



GN 614.7

STAINLESS STEEL

Description	d1 +0.1	d2	d3	d4 ±0.05	l1	l2 ≈	l3 ≈	l4 ≈	w	Spring load in N ≈ initial	Spring load in N ≈ end	⚖
GN 614.7-4-NI	4	3	4.6	4	10.7	0.9	1.8	5.6	0.9	12.9	19	1
GN 614.7-5-NI	5	4	5.6	5	12	0.9	2.1	6	1.3	19.3	29.2	2
GN 614.7-6-NI	6	5	6.5	6	15	1	2.3	8.2	1.7	28	47.5	3
GN 614.7-8-NI	8	6.5	8.5	8	18	1.1	2.9	9.5	2.3	40	67.3	5
GN 614.7-10-NI	10	8.5	11	10	26	1.5	4.2	14.3	3.1	66	105	9