



Inox
Stainless
Steel

- 2 Type
- NI

Stainless steel,
standard spring load
- NIL

Stainless steel,
light spring load
- NIS

Stainless steel,
high spring load

1

d ₁ +0,1	d ₂	d ₃	l ₁ ≈	l ₂ ≈	w Compression	Spring load in N ≈					
						Standard (Type NI)		Light (Type NIL)		High (Type NIS)	
						Initial	End	Initial	End	Initial	End
3	2,4	3,5	4	0,6	0,7	1,8	3,5	0,4	1,3	2,4	5,5
4	3	4,6	5	0,9	1	2,5	6	0,4	1	5	10,4
5	4	5,6	6	0,9	1,4	3	6,5	0,5	4,7	6	12
6	5	6,5	7	1	1,8	5,5	11,5	2,3	6,5	7,3	19
8	6,5	8,5	9	1,1	2,4	7	12,5	4	9	11	25
10	8,5	11	13	1,5	3,3	8,5	18,5	3,9	10	17	37
12	10	13	16	2,3	4	12	26,5	6,2	14,6	28	57

Specification

- Housing

Stainless steel AISI 305
Sheet-metal
- Ball

Stainless steel AISI 420C
Hardened
- Thrust spring

Stainless steel AISI 631
- Identification

• Type NIL: Housing with 1 longitudinal marking
• Type NIS: Housing with 2 longitudinal markings

RoHS

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 d₁ is recommended.

see also...

	Page
GN 614 Spring Plungers (Housing Plastic / Brass)	QVX
GN 614.3 Spring Plungers (without Thread, with Ball)	QVX
GN 614.2 Spring Plungers (Press-On Type, Ball Double Ended)	QVX

Technical Information

ISO Fundamental Tolerances	QVX
Stainless Steel Characteristics	QVX

How to order

1 d₁

2 Type

GN614-5-NI