



SS Stainless Steel

2 Type

- NI** Standard spring load
- NIS** High spring load

Metric table



Dimensions in: millimeters - inches

d ₁ ±0.04	d ₂	Length l	w Compression	Spring load ≈ Standard (Type NI)		Spring load ≈ High (Type NIS)	
				Initial	End	Initial	End
2 0.079	1 0.04	3.5 0.14	0.3 0.01	0.8 N 0.18 lbf	1.5 N 0.34 lbf	1.3 N 0.29 lbf	2.2 N 0.49 lbf
2.5 0.098	1.5 0.06	5 0.20	0.4 0.02	2.8 N 0.63 lbf	4.7 N 1.06 lbf	4.7 N 1.06 lbf	7.1 N 1.60 lbf
3 0.118	2 0.08	7 0.28	0.65 0.03	4.5 N 1.01 lbf	7.5 N 1.69 lbf	7.8 N 1.75 lbf	11.6 N 2.61 lbf
3.5 0.138	2.5 0.10	9 0.35	0.8 0.03	6 N 1.35 lbf	14.5 N 3.26 lbf	12 N 2.70 lbf	18 N 4.05 lbf
4 0.157	3 0.12	11 0.43	0.9 0.04	8 N 1.80 lbf	14 N 3.15 lbf	15 N 3.37 lbf	22 N 4.95 lbf
4.5 0.177	3.2 0.13	12 0.47	0.95 0.04	9.5 N 2.14 lbf	16.5 N 3.71 lbf	18.7 N 4.20 lbf	25.1 N 5.64 lbf
5 0.197	3.5 0.14	13 0.51	1 0.04	11 N 2.47 lbf	18 N 4.05 lbf	19.3 N 4.34 lbf	26.6 N 5.98 lbf
5.5 0.217	4 0.16	14 0.55	1.2 0.05	15.5 N 3.48 lbf	25 N 5.62 lbf	25.1 N 5.64 lbf	39.2 N 8.81 lbf
6 0.236	4.5 0.18	15 0.59	1.5 0.06	18 N 4.05 lbf	31 N 6.97 lbf	36 N 8.09 lbf	60.5 N 13.60 lbf
8 0.315	6 0.24	18 0.71	2 0.08	24 N 5.40 lbf	45 N 10.12 lbf	57 N 12.81 lbf	103.5 N 23.27 lbf
10 0.394	8 0.31	20 0.79	2.5 0.10	26 N 5.85 lbf	49 N 11.02 lbf	61 N 13.71 lbf	110 N 24.73 lbf
12 0.472	10 0.39	22 0.87	3.5 0.14	41 N 9.22 lbf	86 N 19.33 lbf	68 N 15.29 lbf	143 N 32.15 lbf

Specification

- Housing
Stainless steel AISI 303 **NI**
- Ball
Stainless steel AISI 420C
Hardened
- Spring
Stainless steel AISI 631
- Identification of the type NIS:
Housing with 2 longitudinal markings
- *Stainless Steel Characteristics* → page 2143
- **RoHS compliant**

Information

GN 614.3 ball plungers are used as detents as well as for push-on / push-off applications and ejectors. A simple mounting hole is sufficient for mounting. The spring plungers are inserted into this hole and additionally secured with adhesive, if necessary.

see also...

- *Short Press-Fit Ball Plungers GN 614* → page 1026

How to order GN 614.3-5.5-NI	1 Diameter d ₁
	2 Type