



1

d ₁ ±0,04	d ₂	Length l	w Compression	Spring load in N ≈	
				Initial	End
4	2	11	0,5	4,8	6,8
5	2,5	13	0,7	6,3	10
6	3,5	15	0,95	16	24
8	4,5	18	1,5	18,8	31,7
10	6,5	20	2,3	26	49
12	8,5	22	3,1	38	68

Specification

- Housing
Stainless steel AISI 303 **NI**
- Ball
Stainless steel AISI 420C
Hardened
- Pressure spring
Stainless steel AISI 631
- Friction bearing
 - Plastic
 - Temperature resistant up to 90 °C
- *Stainless Steel Characteristics* → Page 2166
- RoHS

2

Information

Spring plungers GN 614.8 are used for locking as well as for pressure and hold-off functions.

The ball is mounted in a plastic shell so as to be freely movable, which enables rolling and therefor generally optimizes the locking characteristics. Above all, this reduces wear on the counter piece.

A further characteristic of these plungers is that the plastic bearing acts as an electrical insulator.

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...

- *Spring Plungers GN 614.3 (Ball without Friction Bearing)* → Page 984

How to order

GN614.8-8-NI

1 d₁

2 Material

