

GN 614.3 | Ball spring plungers

Smooth body, stainless steel



- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14
- 15
- 16
- 17
- 18

BODY
AISI 303 stainless steel.

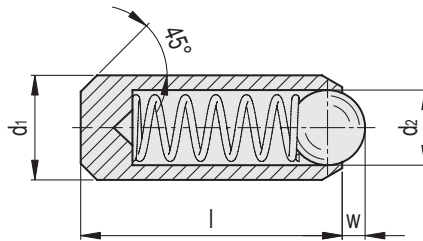
BALL
AISI 420C hardened stainless steel.

SPRING
AISI 631 stainless steel.

FEATURES AND APPLICATIONS
GN 614.3 ball spring plungers are inserted directly into the mounting holes and the chamfer facilitates insertion.
Not suitable for compression applications due to the thin body.



| Conversion Table | |
|-------------------|------|
| 1 mm = 0.039 inch | |
| d1 | |
| mm | inch |
| 2 | 0.08 |
| 2.5 | 0.10 |
| 3 | 0.12 |
| 3.5 | 0.14 |
| 4 | 0.16 |
| 4.5 | 0.18 |
| 5 | 0.20 |
| 5.5 | 0.22 |
| 6 | 0.24 |
| 8 | 0.31 |
| 10 | 0.39 |
| 12 | 0.47 |



Indexing and positioning elements

2

| Code | Description | d1 ±0.04 | d2 | l | w | Spring preload [N] | Spring max load [N] | ⚖️ |
|----------|-----------------|----------|-----|-----|------|--------------------|---------------------|-----|
| GN.32169 | GN 614.3-2-NI | 2 | 1 | 3.5 | 0.3 | 0.8 | 1.5 | 1 |
| GN.32170 | GN 614.3-2,5-NI | 2.5 | 1.5 | 5 | 0.4 | 2.8 | 4.7 | 1 |
| GN.32171 | GN 614.3-3-NI | 3 | 2 | 7 | 0.65 | 4.5 | 7.5 | 1 |
| GN.32172 | GN 614.3-3,5-NI | 3.5 | 2.5 | 9 | 0.8 | 6 | 14.5 | 0.4 |
| GN.32176 | GN 614.3-4-NI | 4 | 3 | 11 | 0.9 | 8 | 14 | 1 |
| GN.32177 | GN 614.3-4,5-NI | 4.5 | 3.2 | 12 | 0.95 | 9.5 | 16.5 | 1 |
| GN.32181 | GN 614.3-5-NI | 5 | 3.5 | 13 | 1 | 11 | 18 | 1.5 |
| GN.32182 | GN 614.3-5,5-NI | 5.5 | 4 | 14 | 1.2 | 15.5 | 25 | 2 |
| GN.32186 | GN 614.3-6-NI | 6 | 4.5 | 15 | 1.5 | 18 | 31 | 2 |
| GN.32191 | GN 614.3-8-NI | 8 | 6 | 18 | 2 | 24 | 45 | 5 |
| GN.32194 | GN 614.3-10-NI | 10 | 8 | 20 | 2.5 | 26 | 49 | 8 |
| GN.32197 | GN 614.3-12-NI | 12 | 10 | 22 | 3.5 | 41 | 86 | 13 |