

# GN 615.5 | Ball spring plungers

Stainless steel, ceramic ball



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**THREADED BODY**  
AISI 316 stainless steel.

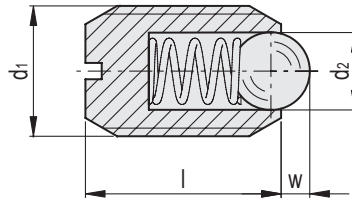
**BALL**  
Ceramic, silicon nitride, black colour.

**SPRING**  
AISI 316 stainless steel.

**STANDARD EXECUTIONS**

- **GN 615.5-KN**: stainless steel spring with normal end-force.
- **GN 615.5-KSN**: stainless steel spring with heavy end-force, threaded body with two laser-engraved lines.

**FEATURES AND APPLICATIONS**  
GN 615.5 ball spring plungers are particularly suitable for use in highly corrosive environments.  
The ceramic ball is also anti-magnetic and electrically insulating.



## GN 615.5-KN



| Code     | Description     | d1  | d2  | l  | w   | Spring preload [N] | Spring max load [N] | ⚖️ |
|----------|-----------------|-----|-----|----|-----|--------------------|---------------------|----|
| GN.33804 | GN 615.5-M4-KN  | M4  | 2.5 | 9  | 0.8 | 8.5                | 14                  | 1  |
| GN.33805 | GN 615.5-M5-KN  | M5  | 3   | 12 | 0.9 | 8                  | 14                  | 1  |
| GN.33807 | GN 615.5-M6-KN  | M6  | 3.5 | 14 | 1   | 11                 | 18                  | 2  |
| GN.33809 | GN 615.5-M8-KN  | M8  | 4.5 | 16 | 1.5 | 18                 | 31                  | 4  |
| GN.33814 | GN 615.5-M10-KN | M10 | 6   | 19 | 2   | 24                 | 45                  | 7  |
| GN.33816 | GN 615.5-M12-KN | M12 | 8   | 22 | 2.5 | 26                 | 49                  | 11 |
| GN.33818 | GN 615.5-M16-KN | M16 | 10  | 24 | 3.5 | 41                 | 89                  | 22 |

## GN 615.5-KSN



| Code     | Description      | d1  | d2  | l  | w   | Spring preload [N] | Spring max load [N] | ⚖️ |
|----------|------------------|-----|-----|----|-----|--------------------|---------------------|----|
| GN.33806 | GN 615.5-M5-KSN  | M5  | 3   | 12 | 0.9 | 15                 | 32                  | 1  |
| GN.33808 | GN 615.5-M6-KSN  | M6  | 3.5 | 14 | 1   | 19                 | 28                  | 2  |
| GN.33810 | GN 615.5-M8-KSN  | M8  | 4.5 | 16 | 1.5 | 36                 | 62                  | 4  |
| GN.33815 | GN 615.5-M10-KSN | M10 | 6   | 19 | 2   | 57                 | 104                 | 7  |
| GN.33817 | GN 615.5-M12-KSN | M12 | 8   | 22 | 2.5 | 61                 | 110                 | 10 |
| GN.33819 | GN 615.5-M16-KSN | M16 | 10  | 24 | 3.5 | 68                 | 142                 | 22 |

Indexing and positioning elements