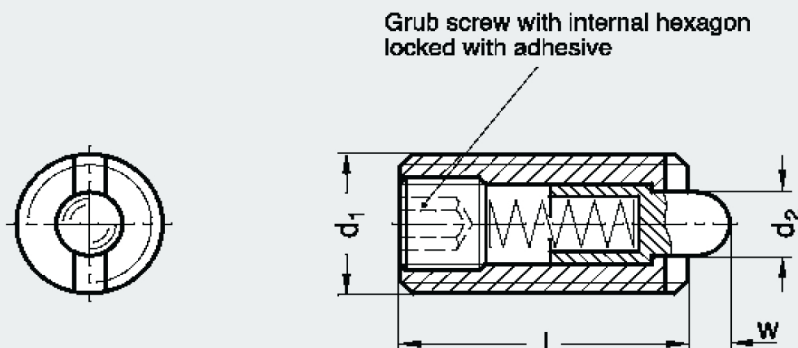




Type **S** steel bolt, with standard spring load  
Type **SS** steel bolt, with high spring load

Type **K** plastic bolt, with standard spring load

| d <sub>1</sub> | d <sub>2</sub> | l +0,2 | Internal hexagon | w $\begin{smallmatrix} +0,3 \\ -0,1 \end{smallmatrix}$ compression | Spring load in N $\approx$ |     | Spring load in N $\approx$ |     | Code No. Screw driver |
|----------------|----------------|--------|------------------|--------------------------------------------------------------------|----------------------------|-----|----------------------------|-----|-----------------------|
|                |                |        |                  |                                                                    | Type S / K initial         | end | Type SS initial            | end |                       |
| M 3            | 1              | 12     | 0,7              | 1                                                                  | 2                          | 4   | —                          | —   | GN 616.5-M 3          |
| M 4            | 1,5            | 15     | 1,3              | 1,5                                                                | 4,5                        | 16  | —                          | —   | GN 616.5-M 4          |
| M 5            | 2,4            | 18     | 1,5              | 2,3                                                                | 6                          | 19  | 11                         | 40  | GN 616.5-M 5          |
| M 6            | 2,7            | 20     | 2                | 2,5                                                                | 6                          | 19  | 15                         | 43  | GN 616.5-M 6          |
| M 8            | 3,5            | 22     | 2,5              | 3                                                                  | 10                         | 39  | 20                         | 75  | GN 616.5-M 8          |
| M 10           | 4              | 22     | 3                | 3                                                                  | 10                         | 39  | 20                         | 75  | GN 616.5-M 10         |
| M 12           | 6              | 28     | 4                | 4                                                                  | 12                         | 53  | 45                         | 120 | GN 616.5-M 12         |
| M 16           | 7,5            | 32     | 5                | 5                                                                  | 45                         | 100 | 64                         | 160 | GN 616.5-M 16         |
| M 20           | 10             | 40     | 6                | 7                                                                  | 52                         | 125 | 75                         | 195 | GN 616.5-M 20         |
| M 24           | 12             | 52     | 8                | 10                                                                 | 70                         | 170 | 75                         | 245 | GN 616.5-M 24         |

## Specification

Steel

blackened

Bolt Type S and Type SS

Steel, hardened

Bolt Type K

Plastic

Technopolymer (Polyacetal POM)

only sizes M 4 ... M 16

temperature resistant

from -30° C up to +50° C

Spring Stainless Steel

German Material No. 1.4568

Blank grub screw with

internal hexagon

indicates high spring load

(Type SS)

## Information

Spring plungers GN 616 are used as detents as well as for push-on and push-off applications and ejectors.

The slot on the plunger side is provided for blind hole applications. A special screw driver GN 616.5 is available.

Spring plungers GN 616 with the thread lockings PFB and MVK on request.

## How to order

**Spring plunger**  
**GN 616-M6-S**

Code No. | |  
| |  
d<sub>1</sub> Type

**Screw driver**  
**GN 616.5-M8**

Code No. | |  
| |  
d<sub>1</sub>