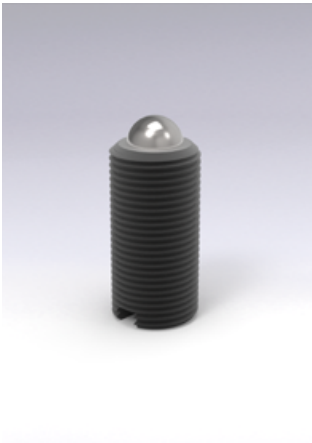
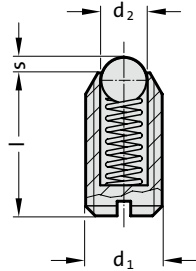


**SPRING PLUNGER, WITH SPRING LOADED BALL, WITH SLOT, STANDARD SPRING FORCE**



2471.01.



**Material:**

Sleeve: Free machining steel, burnished  
 Ball: Hardened ball bearing steel  
 Spring: Nirosta

**Note:**

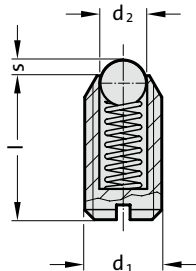
For locking and for pressing upwards or downwards.  
 Temperature operating range: max. 250°C

**2471.01. Spring plunger, with spring loaded ball, with slot, standard spring force**

| Order No    | d <sub>1</sub> | l  | s   | d <sub>2</sub> | Spring force [N] |       |
|-------------|----------------|----|-----|----------------|------------------|-------|
|             |                |    |     |                | initial          | final |
| 2471.01.003 | M3             | 7  | 0.4 | 1.5            | 3                | 4.5   |
| 2471.01.004 | M4             | 9  | 0.8 | 2.5            | 8.5              | 14    |
| 2471.01.005 | M5             | 12 | 0.9 | 3              | 8                | 14    |
| 2471.01.006 | M6             | 14 | 1   | 3.5            | 11               | 18    |
| 2471.01.008 | M8             | 16 | 1.5 | 4.5            | 18               | 31    |
| 2471.01.010 | M10            | 19 | 2   | 6              | 24               | 45    |
| 2471.01.012 | M12            | 22 | 2.5 | 8              | 26               | 49    |
| 2471.01.016 | M16            | 24 | 3.5 | 10             | 41               | 86    |
| 2471.01.020 | M20            | 30 | 4.5 | 12             | 56               | 111   |
| 2471.01.024 | M24            | 34 | 5.5 | 15             | 81               | 151   |



2471.31.



**Material:**

Sleeve: Nirosta 1.4305  
 Ball: Nirosta hardened  
 Spring: Nirosta

**Note:**

For locking and for pressing upwards or downwards.  
 Temperature operating range: max. 250°C

**2471.31. Spring plunger, with spring loaded ball, with slot, standard spring force**

| Order No    | d <sub>1</sub> | l  | s   | d <sub>2</sub> | Spring force [N] |       |
|-------------|----------------|----|-----|----------------|------------------|-------|
|             |                |    |     |                | initial          | final |
| 2471.31.003 | M3             | 7  | 0.4 | 1.5            | 3                | 4.5   |
| 2471.31.004 | M4             | 9  | 0.8 | 2.5            | 8.5              | 14    |
| 2471.31.005 | M5             | 12 | 0.9 | 3              | 8                | 14    |
| 2471.31.006 | M6             | 14 | 1   | 3.5            | 11               | 18    |
| 2471.31.008 | M8             | 16 | 1.5 | 4.5            | 18               | 31    |
| 2471.31.010 | M10            | 19 | 2   | 6              | 24               | 45    |
| 2471.31.012 | M12            | 22 | 2.5 | 8              | 26               | 49    |
| 2471.31.016 | M16            | 24 | 3.5 | 10             | 41               | 86    |
| 2471.31.020 | M20            | 30 | 4.5 | 12             | 56               | 111   |
| 2471.31.024 | M24            | 34 | 5.5 | 15             | 81               | 151   |