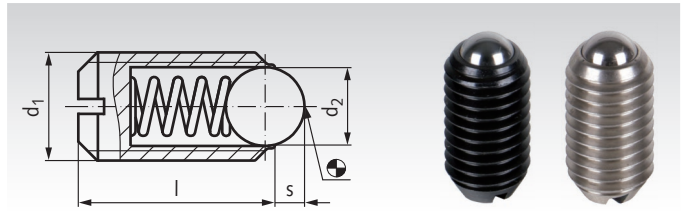


Spring Plungers with Ball and Slot

Material type black oxidized: Body: Steel, black oxide finish.
Ball: Steel, hardened. Spring: Stainless steel. Standard spring tension.

Material type stainless:
Body: Stainless steel 1.4305 (AISI 303).
Ball: Stainless steel, hardened.
Spring: Stainless steel. Standard spring tension.
Temperature range: -40°C to +250°C.



Ordering Details: e.g.: Product No. 65460200, Spring Plunger, M2

| Product No. black oxidized | Product No. stainless | d ₁ mm | d ₂ mm | l mm | s mm | Spring Tension* | | Weight g |
|-------------------------------|--------------------------|----------------------|----------------------|---------|---------|-----------------|----------|-------------|
| | | | | | | Initial N | End N | |
| 654 602 00 | 654 996 02 | M2 | 1,0 | 4 | 0,3 | 0,8 | 1,5 | 0,1 |
| 654 603 00 | 654 996 03 | M3 | 1,5 | 7 | 0,4 | 3 | 4,5 | 0,3 |
| 654 604 00 | 654 996 04 | M4 | 2,5 | 9 | 0,8 | 6 | 14,5 | 0,6 |
| 654 605 00 | 654 996 05 | M5 | 3 | 12 | 0,9 | 8 | 14 | 0,9 |
| 654 606 00 | 654 996 06 | M6 | 3,5 | 14 | 1,0 | 11 | 18 | 1,5 |
| 654 608 00 | 654 996 08 | M8 | 4,5 | 16 | 1,5 | 18 | 31 | 3,5 |
| 654 610 00 | 654 996 10 | M10 | 6 | 19 | 2,0 | 24 | 45 | 7 |
| 654 612 00 | 654 996 12 | M12 | 8 | 22 | 2,5 | 26 | 49 | 10 |
| 654 616 00 | 654 996 16 | M16 | 10 | 24 | 3,5 | 41 | 86 | 24 |
| 654 620 00 | 654 996 20 | M20 | 12 | 30 | 4,5 | 56 | 111 | 43 |
| 654 624 00 | 654 996 24 | M24 | 15 | 34 | 5,5 | 81 | 151 | 70 |

Note

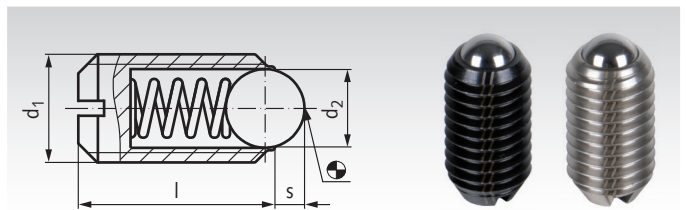
These Spring Plungers are, e.g., used for fixation or as device to press something in or push it out.

* Statistical average.

Spring Plungers with Ball and Slot, Strong Spring Tension

Material type black oxidized: Body: Steel, black oxide finish.
Ball: Steel, hardened. Spring: Stainless steel. Strong spring tension.

Material type stainless:
Body: Stainless steel 1.4305 (AISI 303).
Ball: Stainless steel, hardened.
Spring: Stainless steel. Strong spring tension.
Temperature range: -40°C to +250°C.



Ordering Details: e.g.: Product No. 65480200, Spring Plunger, strong, M2

| Product No. black oxidized | Product No. stainless | d ₁ mm | d ₂ mm | l mm | s mm | Spring Tension* | | Weight g |
|-------------------------------|--------------------------|----------------------|----------------------|---------|---------|-----------------|----------|-------------|
| | | | | | | Initial N | End N | |
| 654 802 00 | 654 998 02 | M2 | 1 | 4 | 0,3 | 1,6 | 2 | 0,1 |
| 654 803 00 | 654 998 03 | M3 | 1,5 | 7 | 0,4 | 6,4 | 9,5 | 0,3 |
| 654 804 00 | 654 998 04 | M4 | 2,5 | 9 | 0,8 | 12 | 18 | 0,4 |
| 654 805 00 | 654 998 05 | M5 | 3 | 12 | 0,9 | 15 | 22 | 0,9 |
| 654 806 00 | 654 998 06 | M6 | 3,5 | 14 | 1,0 | 19 | 28 | 1,5 |
| 654 808 00 | 654 998 08 | M8 | 4,5 | 16 | 1,5 | 36 | 62 | 3,5 |
| 654 810 00 | 654 998 10 | M10 | 6 | 19 | 2,0 | 57 | 104 | 7 |
| 654 812 00 | 654 998 12 | M12 | 8 | 22 | 2,5 | 61 | 110 | 10 |
| 654 816 00 | 654 998 16 | M16 | 10 | 24 | 3,5 | 68 | 142 | 24 |
| 654 820 00 | 654 998 20 | M20 | 12 | 30 | 4,5 | 84 | 166 | 43 |
| 654 824 00 | 654 998 24 | M24 | 15 | 34 | 5,5 | 127 | 237 | 70 |

Note

These Spring Plungers are, e.g., used for fixation or as device to press something in or push it out.

* Statistical average.