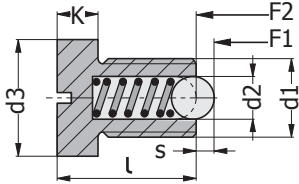




Code: SBS

### Spring Plunger with Slotted Head

Mounting: Fixing with screwdriver.



It is for locking, compressing upwards and downwards. Fixable with screwdriver.

Heat Resistance Maximum: 250°C.

| d1  | l    | s   | d2  | d3 | K | F1(N) | F2(N) |
|-----|------|-----|-----|----|---|-------|-------|
| M6  | 14   | 1   | 3.5 | 10 | 5 | 11    | 18    |
| M8  | 16.5 | 1.5 | 4.5 | 13 | 5 | 18    | 31    |
| M10 | 20   | 2   | 6   | 16 | 6 | 24    | 45    |
| M12 | 22   | 2.5 | 8   | 18 | 7 | 24    | 49    |



Order: SBS. d1

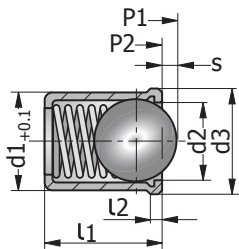
Material: Steel quality 5.8



Code: KBS

### Spring Plunger with Bushing

For systems such as elevator and sliding etc.



Hole mounting with reamer

| d1 | l1 | d2  | d3  | l2 | s    | P1(N) | P2(N) |
|----|----|-----|-----|----|------|-------|-------|
| 4  | 5  | 3.0 | 4.6 | 1  | 0.90 | 2     | 5     |
| 5  | 6  | 4.0 | 5.6 |    | 1.00 | 4     | 7     |
| 6  | 7  | 5.0 | 6.5 |    | 1.50 | 6     | 12    |
| 8  | 9  | 6.5 | 8.5 |    | 1.80 | 6     | 12    |



Order: KBS. d1

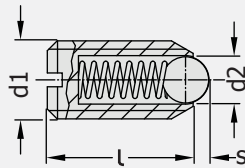
Material: Steel quality 5.8



Code: BSM

### Spring Plunger

Mounting: Fixing with screwdriver.



Usage Area:

- Locating
- Pulling, pushing
- Extractor
- Clamping

It is used as core / slide lock etc. in injection mould. As stamp extractor in die and also can be used for bushing of threaded shafts, limiting the torque tools and positioning of level adjuster.

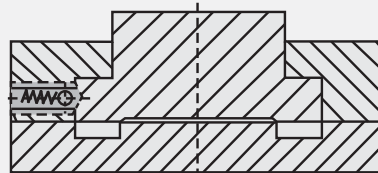
Material structure; machinable steel bushing - hardened bearing steel ball - winding steel spring.

Heat Resistance Maximum: 250°C.

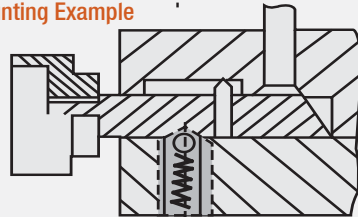
Code: BSM

| d1 (thread) | l mm | S mm | d2 mm | Initial Force | Final Force |
|-------------|------|------|-------|---------------|-------------|
| M4          | 9    | 0.8  | 2.5   | 6 Nw          | 12 Nw       |
| M5          | 12   | 0.9  | 3.0   | 7 Nw          | 13 Nw       |
| M6          | 14   | 1.0  | 3.5   | 9 Nw          | 15 Nw       |
| M8          | 16   | 1.5  | 5.0   | 20 Nw         | 35 Nw       |
| M10         | 19   | 2.0  | 6.0   | 25 Nw         | 45 Nw       |
| M12         | 22   | 2.5  | 8.0   | 35 Nw         | 60 Nw       |
| M16         | 24   | 3.5  | 10    | 65 Nw         | 110 Nw      |

\* Please don't exceed the force values.



Mounting Example



N - Newton = (0.102)Kgf  
daN -10 Newton = (1.020)Kgf



Order: BSM. d1

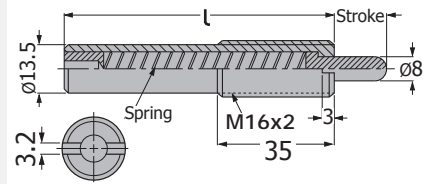
Material: Steel quality 5.8



Code: PSK

### Spring Plunger

Mounting: Fixing with "PMT" mounting kit.



Protective plating that prevents oxidation on the part surface is available. The ball is from steel material and is hardened and polished.

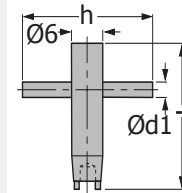
\* Please don't exceed the force values.

| Stroke | l mm | Initial Force | Final Force |
|--------|------|---------------|-------------|
| 20     | 80   | 24 Nw         | 186 Nw      |
| 40     | 150  | 59 Nw         | 177 Nw      |
| 60     | 150  | 11 Nw         | 45 Nw       |
| 80     | 200  | 2 Nw          | 38 Nw       |



Order: PSK. Stroke

Material: Pin 1.1273 Hardness: 40 HRC



Code: PMT

### Mounting Kit for Spring Plungers

| Spring Plunger (M) | h mm | d Ø | d1 Ø | l mm |
|--------------------|------|-----|------|------|
| M5 - M6            | 40   | 6   | 3    | 40   |
| M8                 | 45   | 8   | 4    | 45   |
| M10                | 45   | 10  | 4    | 45   |
| M12                | 80   | 12  | 5    | 50   |
| M16                | 70   | 16  | 8    | 52   |
| M24                | 80   | 24  | 12   | 62   |
| M30                | 100  | 30  | 15   | 73   |



Order: PMT. d

Material: Steel 5.8 Hardness: 36 - 40 HRC