

## Spring Plunger

Code: **PS1**

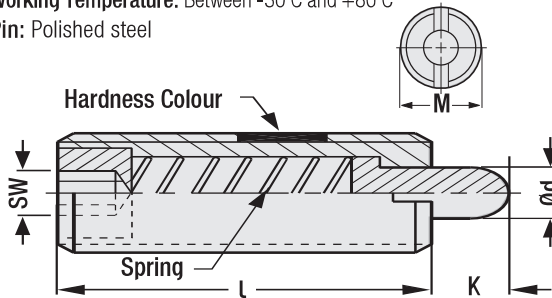
Spring plunger can be used in many designs such as die and equipment production. Especially, it is operated as extractor - dampener - stabilizer and retaining pin.

**Mounting:** Fixing with "PMT" mounting kit.

It is for locking, compressing upwards and downwards. The lock prevents the reaching of liquids and oils to the pin.

**Working Temperature:** Between -30 C and +80 C

**Pin:** Polished steel



## Spring Plunger

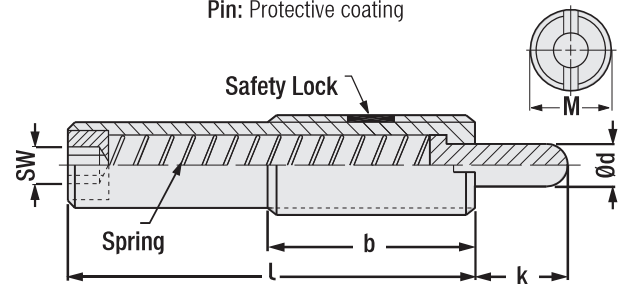
Code: **PS2**

**Mounting:** Fixing with "PMT" mounting kit.

It is for locking, compressing upwards and downwards. The lock prevents the reaching of liquids and oils to the pin.

**Working Temperature:** Between -30 C and +80 C

**Pin:** Protective coating



Code: **PS1**

Series	M Thread	k mm	l mm	d Ø	SW	Initial Force N (Kgf)	Final Force N (Kgf)
1	M3x0.5	1.5	10	1.0	0.8	0.4 (0.05)	2.9 (0.3)
2	M4x0.7	2.0	12	1.6	0.8	1.9 (0.2)	9.8 (1.0)
3	M5x0.8	3.0	20	2.0	1.5	3.9 (0.4)	19.6 (2.0)
4	M5x0.8	3.0	13	2.0	1.5	1.9 (0.2)	7.8 (0.8)
5	M5x0.8	3.0	20	2.0	1.5	1.9 (0.2)	9.8 (1.0)
6	M6x1.0	3.0	25	2.5	2.0	2.9 (0.3)	9.8 (1.0)
7	M6x1.0	3.0	25	2.5	2.0	7.8 (0.8)	29.4 (3.0)
8	M8x1.25	3.0	25	3.1	2.5	2.9 (0.3)	9.8 (1.0)
9	M8x1.25	3.0	25	3.1	2.5	7.8 (0.8)	29.4 (3.0)
10	M10x1.5	5.0	30	3.8	3.0	2.9 (0.3)	14.7 (1.5)
11	M10x1.5	5.0	30	3.8	3.0	9.8 (1.0)	49.0 (5.0)
12	M12x1.75	5.0	30	5.5	4.0	1.9 (0.2)	9.8 (1.0)
13	M12x1.75	5.0	30	5.5	4.0	9.8 (1.0)	49.0 (5.0)

\* Blue products are medium force in the table.

\* Red products are high force in the table.



Order: **PS1. Series**

**Material:** Bush 1.7220  
**Pin:** 1.1273 / HRC 36-40

Code: **PS2**

Series	M Thread	k mm	l mm	b mm	d Ø	SW	Initial Force N (Kgf)	Final Force N (Kgf)
14	M12x1.75	10	43	35	5.5	4	3.9 (0.4)	19.6 (2)
15	M12x1.75	10	43	35	5.5	4	6.8 (0.7)	39.2 (4)
16	M16x2.0	10	50	35	8	5	9.8 (1)	49.0 (5)
17	M16x2.0	10	50	35	8	5	19.6 (2)	98.0 (10)
18	M16x2.0	10	60	35	8	5	12.7 (1.3)	39.2 (4)
19	M16x2.0	10	60	35	8	5	26.4 (2.7)	78.4 (8)
20	M16x2.0	15	60	35	8	5	9.8 (1)	39.2 (4)
21	M16x2.0	15	60	35	8	5	14.7 (1.5)	78.4 (8)
22	M16x2.0	20	60	35	8	5	12.7 (1.3)	39.2 (4)
23	M16x2.0	20	85	35	8	5	16.6 (1.7)	78.4 (8)
24	M16x2.0	30	125	35	8	5	17.6 (1.8)	39.2 (4)
25	M16x2.0	30	125	35	8	5	19.6 (2)	78.4 (8)
26	M16x2.0	50	155	35	8	8	19.6 (2)	49.0 (5)
27	M16x2.0	50	155	35	8	8	29.4 (3)	98.0 (10)
28	M24x3.0	15	60	45	10	8	19.6 (2)	98.0 (10)
29	M24x3.0	15	60	45	10	8	39.2 (4)	196.1 (20)
30	M30x3.5	20	70	45	15	12	29.4 (3)	147.0 (15)
31	M30x3.5	20	70	45	15	12	49.0 (5)	294.1 (30)

\* Please do not exceed force values specified in the table.



Order: **PS2. Series**

Dies



Page

159