

## Spring Plungers with moving Ball and Internal Hexagon

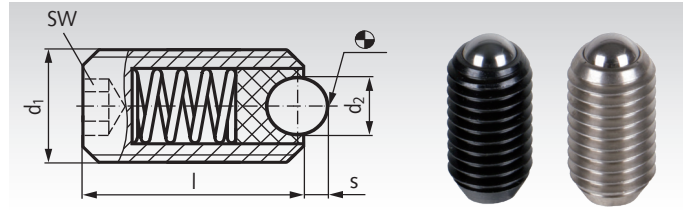
### Material type black oxidized:

Body: steel, black oxide finish. Ball: hardened.  
Bearing: Plastic. Spring: Stainless steel, standard spring tension.

### Material type stainless:

Body: Stainless steel. Ball: Stainless steel, hardened.  
Bearing: Plastic. Spring: Stainless steel, standard spring tension.  
Temperature range: -30°C bis +90°C.

**STAINLESS**



Ordering Details: e.g.: Product No. 654 905 00B, Spring Plunger, black oxidized, M5

Product No. black oxidized	Product No. stainless	d <sub>1</sub> mm	d <sub>2</sub> mm	l mm	s mm	SW mm	Spring Tension*		Weight g
							Initial N	End N	
654 905 00B	654 999 05B	M5	2,0	14	0,5	2,5	4,8	6,8	1,1
654 906 00B	654 999 06B	M6	2,5	15	0,7	3	6,3	10	2,1
654 908 00B	654 999 08B	M8	3,5	18	0,95	4	16	24	4,8
654 910 00B	654 999 10B	M10	4,5	23	1,4	5	18,8	31,7	10
654 912 00B	654 999 12B	M12	6,5	26	2,5	6	24	49	15
654 916 00B	654 999 16B	M16	8,5	33	3,1	8	38	68	37

\* Statistical average.

## Spring Plungers with moving Ball and Internal Hexagon, Strong Spring Tension

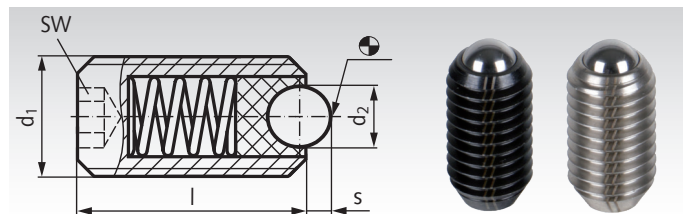
### Material type black oxidized:

Body: steel, black oxide finish. Ball: hardened.  
Bearing: Plastic. Spring: Stainless steel, strong spring tension.

### Material type stainless:

Body: Stainless steel. Ball: Stainless steel, hardened.  
Bearing: Plastic. Spring: Stainless steel, strong spring tension.  
Temperature range: -30°C bis +90°C.

**STAINLESS**



Ordering Details: e.g.: Product No. 654 905 00VB, Spring Plunger, strong, black oxidized, M5

Product No. black oxidized	Product No. stainless	d <sub>1</sub> mm	d <sub>2</sub> mm	l mm	s mm	SW mm	Spring Tension*		Weight g
							Initial N	End N	
654 905 00VB	654 999 05VB	M5	2,0	14	0,5	2,5	10	14	1,2
654 906 00VB	654 999 06VB	M6	2,5	15	0,7	3	11	16	2,2
654 908 00VB	654 999 08VB	M8	3,5	18	0,95	4	23	40	5
654 910 00VB	654 999 10VB	M10	4,5	23	1,4	5	28	54,3	10
654 912 00VB	654 999 12VB	M12	6,5	26	2,5	6	39,5	77,3	15
654 916 00VB	654 999 16VB	M16	8,5	33	3,1	8	50	88,7	37

\* Statistical average.

### Note

Spring plungers are used for fixation or as device to press something in or push it out. Due to the plastic bearing, the ball is electrically insulated and the rolling in it minimizes the wear on the counterpart.