

## Spring Plungers, Smooth with Collar, Stainless

### Material:

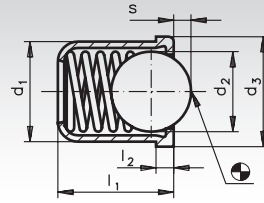
**Type GN:** Body, ball and spring stainless steel.

**Type GP:** Body: Plastic POM.

Ball and spring: Stainless steel.

Temperature range GN: -40°C to +250°C.

Temperature range GP: -30°C to +50°C.



Ordering Details: e.g.: Product No. 654 997 53, Spring Plunger, Type GN, Stainless, 3mm

Product No. Type GN	Product No. Type GP	d <sub>1</sub> <sup>+0,08</sup> mm	d <sub>2</sub> mm	d <sub>3</sub> mm	l <sub>1</sub> mm	l <sub>2</sub> GN / GP mm	s GN / GP mm	Spring Tension* GN		Spring Tension* GP		Weight	
								Initial N	F <sub>2</sub> N	Initial N	End N	GN g	GP g
654 997 53	654 784 03	3	2,38	3,5	4	0,75/0,6	0,7/0,55	1,8	3,5	1,7	3,5	0,20	0,09
654 997 54	654 784 00	4	3	4,6	5	0,9/1,0	1,0/0,8	2,5	6	2,5	6,5	0,35	0,20
654 997 55	654 785 00	5	4	5,6	6	0,9/1,0	1,4/1,0	3	6,5	4,5	9	0,60	0,40
654 997 56	654 786 00	6	5	6,5	7	1,0/1,0	1,8/1,6	5,5	11,5	6,5	13	1,00	0,70
654 997 58	654 788 00	8	6,5	8,5	9	1,1/1,0	1,9/1,9	7	12,5	8	18	2,20	1,50
654 997 60	654 790 00	10	8,5	11	13,5	1,7/1,5	3,3/2,4	8,5	18,5	12	23	5,30	3,1
654 997 62	654 792 00	12	10	13	16	2,3/1,5	4,0/3,3	12	26,5	13	25	7,80	5,8

\* Statistical average.

### Note

Spring plungers are used for fixation or as device to press something in or push it out.

## Double-Ended Spring Plunger

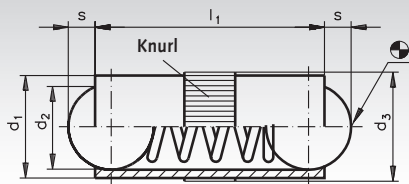
### Material:

Body: Brass.

Ball: Stainless steel, hardened.

Spring: Stainless steel.

Temperature range: -40°C to +250°C.



Ordering Details: e.g.: Product No. 654 843 00, Spring Plunger, Double-Ended 3 mm

Product No.	d <sub>1</sub> mm	d <sub>2</sub> mm	d <sub>3</sub> <sup>+0,5</sup> mm	l <sub>1</sub> mm	s mm	Spring Tension*		Weight g
						Initial N	End N	
654 843 00	3	2,5	3,02	7,3	0,8	2	4,5	0,4
654 844 00	4	3	4,03	9	0,9	2,5	7,5	0,6
654 845 00	5	4	5,03	10,8	1,2	3,5	8	1,2
654 847 00	7	6	7,03	14	2	4	12	3,0
654 848 00	8	6,5	8,03	18	2,1	6	15	5,1

\* Statistical average.

### Note

To fix or secure axles and bolts and as electronic contact.