

Spring Plungers, Smooth with Collar, Stainless

Material:

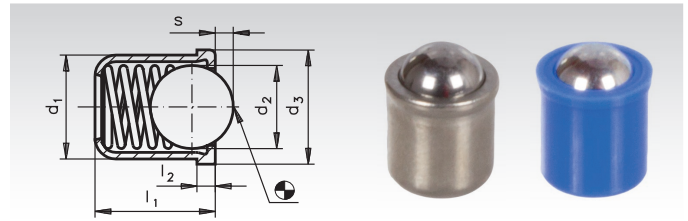
Type GN: Body, ball and spring stainless steel.

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 ₁ ^{+0,08} mm	d ₂ mm	d ₃ mm	l ₁ mm	l ₂ GN / GP mm	s _{GN / GP} mm	Spring Tension* GN		Spring Tension* GP		Weight	
								Initial N	F ₂ 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

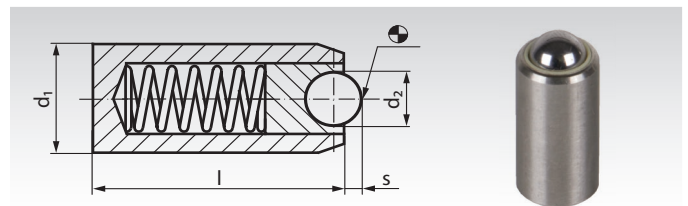
Spring plungers are used for fixation or as device to press something in or push it out.

Spring Plungers, Smooth without Collar, with moving ball, Stainless

Material: Body: and spring stainless steel.

Ball: Stainless steel, hardened.

Bearing: Made of plastic.



Temperature range: -30°C bis +90°C.

Ordering Details: e.g.: Product No. 654 997 04B, Spring Plunger Ø4

Product No.	Ød ₁ ±0,04 mm	Ød ₂ mm	l mm	s mm	Spring Tension*		Weight g
					Initial N	End N	
654 997 04B	4	2,0	11	0,5	4,8	6,8	0,6
654 997 05B	5	2,5	13	0,7	6,3	10	1,2
654 997 06B	6	3,5	15	0,95	16	24	2,0
654 997 08B	8	4,5	18	1,4	18,8	31,7	4,3
654 997 10B	10	6,5	20	2,3	26	49	7,1
654 997 12B	12	8,5	22	3,1	38	68	11,0

* 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.

Double-Ended Spring Plunger

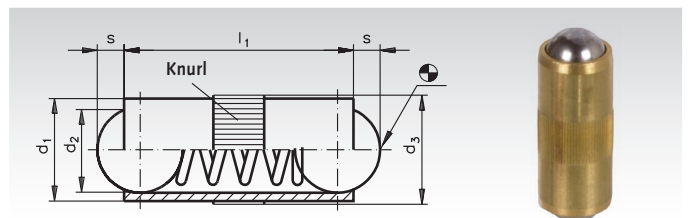
Material: Body: Brass.

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.	Ød ₁ mm	Ød ₂ mm	Ød ₃ ^{+0,5} mm	l ₁ 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.