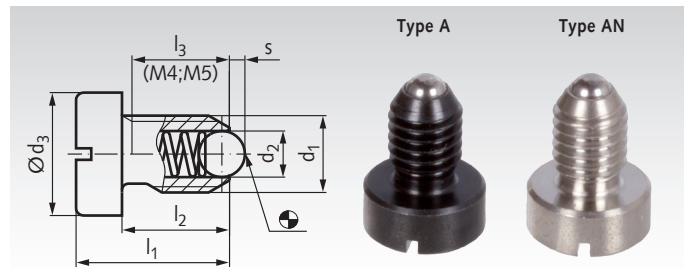


Spring Plungers with Ball and Head, with Slot

Material: Type A: Body: Steel, black oxide finish.
Ball: Ball bearing steel, hardened.
Spring: Stainless steel.

Type AN: Body: Stainless steel.
Ball: Stainless steel, hardened.
Spring: Stainless steel.



Used for fixation and to press something in or push it out.
Temperature range: -40°C to +250°C.

Ordering Details: e.g.: Product No. 654 634 00, Spring Plunger A M4

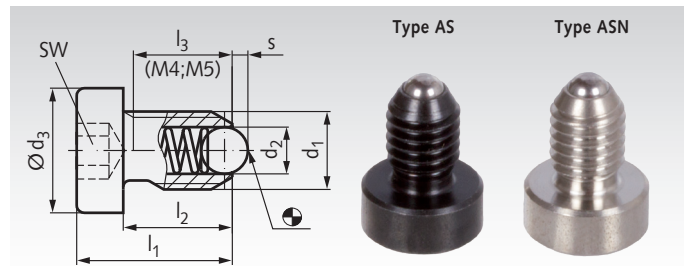
Product No. Type A	Product No. Type AN	d ₁ mm	d ₂ mm	d ₃ mm	l ₁ mm	l ₂ mm	l ₃ mm	s mm	Spring Tension*		Weight g
									Initial N	End N	
654 634 00	654 996 34	M4	2,5	6	9,5	6,5	5,0	0,8	8	14	1
654 635 00	654 996 35	M5	3	8	12,5	8,5	6,7	0,9	8	14	2
654 636 00	654 996 36	M6	3,5	10	14	9	-	1,0	11	18	3,7
654 638 00	654 996 38	M8	4,5	13	16,5	11	-	1,5	18	31	7
654 640 00	654 996 40	M10	6	16	20	14	-	2,0	24	45	13,2
654 642 00	654 996 42	M12	8	18	22	15	-	2,5	26	49	19,5

* Statistical average.

Spring Plungers with Ball and Head, Internal Hexagon

Material: Type AS: Body: Steel, black oxide finish.
Ball: Ball bearing steel, hardened.
Spring: Stainless steel.

Type ASN: Body: Stainless steel.
Ball: Stainless steel, hardened.
Spring: Stainless steel.



Used for fixation and to press something in or push it out.
Temperature range: -40°C to +250°C.

Ordering Details: e.g.: Product No. 654 664 00, Spring Plunger AS M4

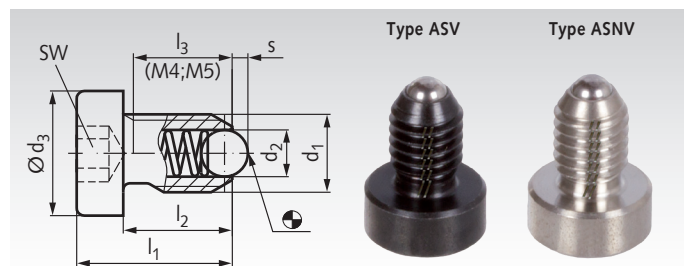
Product No. Type AS	Product No. Type ASN	d ₁ mm	d ₂ mm	d ₃ mm	l ₁ mm	l ₂ mm	l ₃ mm	s mm	SW mm	Spring Tension*		Weight g
										Initial N	End N	
654 664 00	654 996 64	M4	2,5	6	12	9	7,5	0,8	2	8	14	1,1
654 665 00	654 996 65	M5	3	8	14	10	8,2	0,9	2,5	8	14	2,3
654 667 00	654 996 67	M6	3,5	10	15	10	-	1,0	3	11	18	3,8
654 668 00	654 996 68	M8	4,5	13	18	12,5	-	1,5	4,5	18	31	7,8
654 671 00	654 996 71	M10	6	16	23	17	-	2,0	5	24	45	14
654 672 00	654 996 72	M12	8	18	26	19	-	2,5	6	26	49	21

* Statistical average.

Spring Plungers with Ball and Head, Internal Hexagon, Strong Spring Tension

Material: Type ASV: Body: Steel, black oxide finish.
Ball: Ball bearing steel, hardened.
Spring: Stainless steel. Strong spring tension.

Type ASN: Body: Stainless steel.
Ball: Stainless steel.
Spring: Stainless steel. Strong spring tension.



Used for fixation and to press something in or push it out.
Temperature range: -40°C to +250°C.

Ordering Details: e.g.: Product No. 654 664 00V, Spring Plunger ASV M4

Product No. Type ASV	Product No. Type ASN	d ₁ mm	d ₂ mm	d ₃ mm	l ₁ mm	l ₂ mm	l ₃ mm	s mm	SW mm	Spring Tension*		Weight g
										Initial N	End N	
654 664 00V	654 996 64V	M4	2,5	6	12	9	7,5	0,8	2	12	18	1,1
654 665 00V	654 996 65V	M5	3	8	14	10	8,2	0,9	2,5	15	22	2,3
654 666 00V	654 996 66V	M6	3,5	10	15	10	-	1,0	3	19,3	26,6	3,8
654 668 00V	654 996 68V	M8	4,5	13	18	12,5	-	1,5	4,5	36	60,5	7,8
654 670 00V	654 996 70V	M10	6	16	23	17	-	2,0	5	57	103,5	14
654 672 00V	654 996 72V	M12	8	18	26	19	-	2,5	6	61	110	21

* Statistical average.