

Spring Plungers

Steel



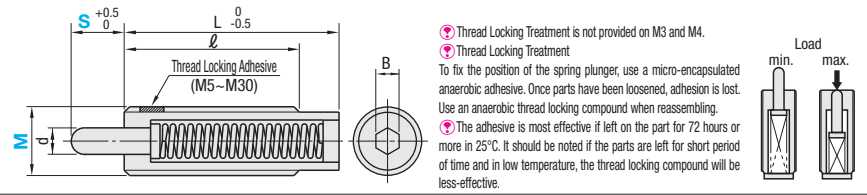
Spring Plungers / Wrenches / Block Plungers

Stainless Steel

For details of spring plungers with a switch, see P.1826



Load Category	Type	Body		Pin		Spring	Operating Temperature
		Material	Surface Treatment	Material	Surface Treatment		
Steel Nose	Ultra Light Load	PJS	PJS-N	1045 Carbon Steel	Black Oxide	SWP-B	-30~80°C
	Light Load	PJL	PJL-N				
	Heavy Load	PJH	PJH-N				
Plastic Tip	Ultra Light Load	PJX	PJX-N	Polyacetal	Black Oxide	SWP-B	-30~80°C
	Light Load	NPJS	NPJS-N				
	Heavy Load	NPJH	NPJH-N				



Part Number	Type	M (Coarse)	S	d	ℓ	L		Ultra Light Load		Light Load		Heavy Load		Extra Heavy Load		Unit Price															
						Ultra Light / Light / Heavy Load	Extra Heavy Load	min.	N Load	max.	min.	N Load	max.	min.	N Load	max.	Ultra Light / Light / Heavy Load	Extra Heavy Load													
3	3	1.5	1.1	10(15)	10	15	0.9	0.05	0.32	1.0	0.78	2.9	2.2	4.5																	
																		1.1	15(20)	15	20	0.9	0.09	0.32	0.29	1.0	0.78	2.9	1.8	4.5	
																		1.6	15(24)	15	24	1.3	0.23	0.65	1.0	2.0	2.9	8.8	5.2	13	
4	4	1.6	1.6	24	24	24	1.3	0.24	0.65	0.59	2.0	2.0	8.8	5.2	13																
																			2.0	20(27)	20	27	1.5	0.74	2.95	2.0	9.8	4.9	19.6	9.1	24.5
																			2.5	20(39)	27	39	1.5	0.72	2.95	2.0	9.8	2.9	19.6	8.8	24.8
5	5	2.0	2.0	25(30)	25	30	2	0.85	3.2	5.9	9.8	7.8	29.4	14.2	39.5																
																			2.5	30(36)	30	36	2	0.85	3.2	2.0	9.8	4.9	29.4	14.1	39.4
																			3.0	30	39	-	2	-	-	1.4	9.8	5.0	28.0	-	-
6	6	2.5	2.5	25(27)	25	27	2.5	0.9	3.3	5.9	9.8	14.7	29.4	35.3	41.2																
																			3.1	25(27)	25	27	2.5	0.9	3.3	2.9	9.8	7.8	29.4	14.7	41.2
																			3.1	27(30)	27	35	2.5	0.9	3.3	2.9	9.8	7.8	29.4	14.7	41.2
8	8	3.1	3.1	30	43	43	3	1.9	4.7	5.9	14.7	8.8	49.0	15.7	62.8																
																			3.8	30	30	35	3	1.9	4.7	5.9	14.7	8.8	49.0	15.7	62.8
																			3.8	30	43	53	3	1.7	4.7	2.9	14.7	7.8	49.0	12.7	62.8
10	10	3.8	3.8	30	58	58	3	1.7	4.7	2.9	14.7	7.8	49.0	12.7	62.8																
																			3.8	30	58	-	3	-	-	2.9	14.7	6.2	48.7	-	-
																			5.5	30(35)	30	43	4	1.5	4.7	5.9	14.7	18.6	49.0	37.2	98.1
12	12	5.5	5.5	35	43	58	4	1.3	5.9	2.9	19.6	7.8	49.0	14.9	98.1																
																			5.5	35	78	-	4	-	-	3.5	19.6	6.9	49.0	-	-
																			8	35	60	60	5	1.7	12.8	5.9	39.2	12.7	78.5	23.5	147.2
16	16	8	8	35	60	70	5	1.7	12.8	3.9	39.2	12.7	78.5	21.6	147.2																
																			8	35	85	90	5	1.7	12.8	4.9	39.2	9.8	78.5	12.7	147.2
																			8	35	125	125	5	-	-	2.9	39.2	6.9	78.5	19.6	147.2
20	20	8	8	35	125	125	5	1.7	12.8	4.9	39.2	6.9	78.5	19.6	147.2																
																			8	35	155	-	5	-	-	4.9	39.2	6.9	78.5	-	-
																			8	35	159	-	5	-	-	19.6	49.0	29.4	78.5	-	-
24	24	8	8	35	185	185	5	1.7	12.8	3.4	49.0	5.5	78.5	11.7	78.5	22.6	147.1														
																			8	35	185	-	5	-	-	2.9	49.0	3.9	78.5	-	-
																			8	35	185	-	5	-	-	3.4	49.0	5.5	78.5	-	-
30	30	15	10	45	60	84	6	1.7	12.8	12.7	78.5	24.5	147.1	12.7	245.3																
																			10	45	72	-	6	-	-	11.7	78.5	22.6	147.1	-	-
																			10	45	96	-	6	-	-	11.7	78.5	22.6	147.1	-	-
30	30	15	10	45	60	84	6	1.7	12.8	11.7	78.5	22.6	147.1	11.7	78.5	22.6	147.1														
																			10	45	100	-	14	-	-	27.5	117.7	44.1	274.6	-	-
																			10	45	124	-	10	-	-	17.7	98.1	44.1	215.7	-	-

Part Number	Type	M (Coarse)	S	d	ℓ	L		Ultra Light Load		Light Load		Heavy Load		Extra Heavy Load		Unit Price																
						Ultra Light / Light / Heavy Load	Extra Heavy Load	min.	N Load	max.	min.	N Load	max.	min.	N Load	max.	Ultra Light / Light / Heavy Load	Extra Heavy Load														
5	5	3	2.0	20(27)	20	27	1.5	0.74	2.95	2.0	9.8	4.9	19.6	9.1	24.5																	
																			2.0	27(39)	27	39	1.5	0.72	2.95	2.0	9.8	2.9	19.6	8.8	24.8	
																			2.5	25(30)	25	30	2	0.85	3.2	5.9	9.8	7.8	29.4	14.2	39.5	
6	6	3	2.5	30(36)	30	36	2	0.85	3.2	2.0	9.8	4.9	29.4	14.1	39.4																	
																			3	3.1	25(27)	25	27	2.5	0.9	3.3	5.9	9.8	14.7	29.4	35.3	41.2
																			3	3.1	27(30)	27	35	2.5	0.9	3.3	2.9	9.8	7.8	29.4	14.7	41.2
8	8	5	3.1	25(27)	25	27	2.5	0.9	3.3	5.9	9.8	14.7	29.4	35.3	41.2																	
																			3.8	30	30	35	3	1.9	4.7	5.9	14.7	8.8	49.0	15.7	62.8	
																			3.8	30	43	53	3	1.7	4.7	2.9	14.7	7.8	49.0	12.7	62.8	
10	10	5	5.5	30(35)	30	43	4	1.5	4.7	5.9	14.7	18.6	49.0	37.2	98.1																	
																			5.5	35	43	58	4	1.3	5.9	2.9	19.6	7.8	49.0	14.9	98.1	
																			8	35	60	60	5	1.7	12.8	5.9	39.2	12.7	78.5	23.5	147.2	
12	12	10	10	35	43	58	4	1.3	5.9	2.9	19.6	7.8	49.0	14.9	98.1																	
																			15	35	51	78	4	1.6	5.9	2.9	19.6	4.9	49.0	14.9	98.1	
																			8	35	60	60	5	1.7	12.8	5.9	39.2	12.7	78.5	23.5	147.2	
16	16	10	8	35	60	70	5	1.7	12.8	3.9	39.2	12.7	78.5	21.6	147.2																	
																			8	35	60	70	5	1.7	12.8	4.9	39.2	9.8	78.5	12.7	147.2	
																			8	35	85	90	5	1.7	12.8	4.9	39.2	9.8	78.5	12.7	147.2	

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5	5	3	2.0	20(27)	20	27	1.5	0.74	2.95	2.0	9.8	4.9	19.6	9.1	24.5																	
																			2.0	27(39)	27	39	1.5	0.72	2.95	2.0	9.8	2.9	19.6	8.8	24.8	
																			2.5	25(30)	25	30	2	0.85	3.2	5.9	9.8	7.8	29.4	14.2	39.5	
6	6	3	2.5	30(36)	30	36	2	0.85	3.2	2.0	9.8	4.9	29.4	14.1	39.4																	
																			3	3.1	25(27)	25	27	2.5	0.9	3.3	5.9	9.8	14.7	29.4	35.3	41.2
																			3	3.1	27(30)	27	35	2.5	0.9	3.3	2.9	9.8	7.8	29.4	14.7	41.2
8	8	5	3.1	25(27)	25	27	2.5	0.9	3.3	5.9	9.8	14.7	29.4	35.3	41.2																	
																			3.8	30	30	35	3	1.9	4.7	5.9	14.7	8.8	49.0	15.7	62.8	
																			3.8	30	43	53	3	1.7	4.7	2.9	14.7	7.8	49.0	12.7	62.8	
10	10	5	5.5	30(35)	30	43	4	1.5	4.7	5.9	14.7	18.6	49.0	37.2	98.1																	
																			5.5	35	43	58	4	1.3	5.9	2.9	19.6	7.8	49.0	14.9	98.1	
																			8	35	60	60	5	1.7	12.8	5.9	39.2	12.7	78.5	23.5	147.2	
12	12	10	10	35	43	58	4	1.3	5.9	2.9	19.6	7.8	49.0	14.9	98.1																	
																			15	35	51	78	4	1.6	5.9	2.9	19.6					