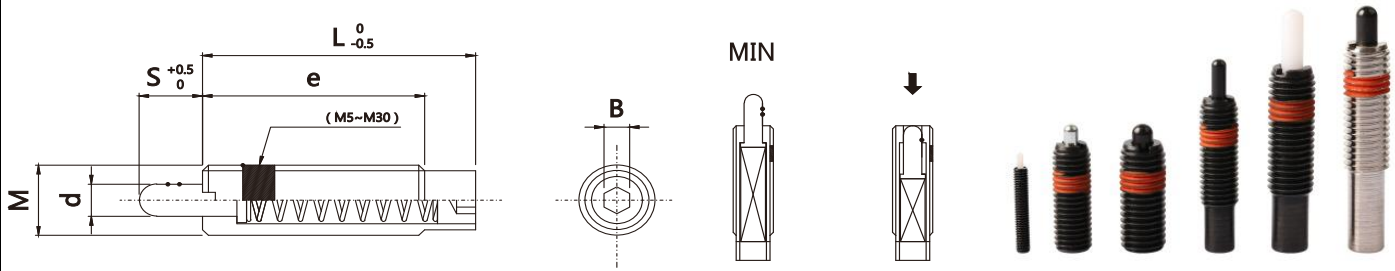


ORDER:	TYPE-M-S
	EXAMPLE: MP036A5-5



Material

Load Category		Type		Body			Pin			Spring		
		Standard	No Thread Locking	M	H	S	M	H	S	M		
Steel Nose	Ultra Light Load	MP036A	MP036A-N	S45C	29~35HRC	Black oxide	S45C	57~63 HRC Carburized	Trivalent Chromate	SWP~B	-30 – 80°C	
	Light Load	MP036B	MP036B-N			-						
	Heavy Load	MP036C	MP036C-N			Nickel Plating						Black Oxide
	Extra Heavy Load	MP036D	MP036D-N									
POM Nose	Ultra Light Load	MP036E	MP036E-N			POM	-	Black oxide	-			-
	Light Load	MP036F	MP036F-N									
	Heavy Load	MP036G	MP036G-N					Nickel Plating				
	Extra Heavy Load	MP036H	-									

Specifications

Part Number			d	ℓ	L		B	Ultra Light Load		Light Load		Heavy Load		Extra Heavy Load	
Type	M	S						N		N		N		N	
								min.	max	min.	max	min.	max	min.	max
MP036A MP036B	3	1.5	1.1	10(15)	10	15	0.9	0.1	0.3	0.4	1.6	0.9	4.2	5.12.5	5.1
		3	1.1	15(20)	15	20	0.9	0.1	0.3	0.3	1	1.1	4.9	2.5	6.8
MP036C MP036D	4	2	1.6	15(24)	15	24	1.3	0.2	0.7	0.9	4.1	1.9	8.7	6.2	15.3
		4	1.6	24	24	24	1.3	0.2	0.7	0.7	2.2	0.29	8.3	4.8	15
MP036E MP036F	5	3	2	20(27)	20	27	1.5	0.7	3	1.5	9.8	2	22.5	11	30.4
		5	2	27(39)	27	39	1.5	0.7	3	1.6	10.4	2.5	23.4	11.6	31.5
MP036G MP036H	6	3	2.5	25(30)	25	30	2	0.9	3.2	3.4	10.4	12.5	33.8	17.2	46.6
		5	4	30(36)	30	36	2	0.9	3.2	1.9	9.7	6.2	32.6	16.8	47.4

SPRING PLUNGERS-STANDARD

Specifications															
Part Number			d	ℓ	L		B	Ultra Light Load		Light Load		Heavy Load		Extra Heavy Load	
Type	M	S						N		N		N		N	
					min.	max		min.	max	min.	max	min.	max		
MP036A MP036B MP036C MP036D MP036E MP036F MP036G MP036H	6	10	2.5	30	39	-	2	-	-	1.5	10.9	5	32.7	-	-
	8	3	3.1	25(27)	25	27	2.5	0.9	3.3	3.5	9.4	11.7	31.2	28.1	56.9
		5	3.1	27(30)	27	35	2.5	0.9	3.3	2.9	9.6	8.3	31.9	10.5	39.9
		10	3.1	30	43	-	2.5	-	-	3.1	11.2	8.4	36.4	-	-
	10	5	3.8	30	30	35	3	1.9	4.7	2.8	14.1	11.4	51	17	73.7
		10	3.8	30	43	53	3	1.7	4.7	2.9	14.6	9.5	60.8	13.7	75.5
		15	3.8	30	58	-	3	-	-	3.4	17	7.2	57.3	-	-
	12	5	5.5	30(35)	30	43	4	1.5	4.7	3.5	17.1	5.6	41	35.3	107.9
		10	5.5	35	43	58	4	1.3	5.9	2.5	21.1	5.2	55.9	12.7	107.9
		15	5.5	35	51	78	4	1.6	5.9	2.3	19.4	5.1	53.6	16.7	140.2
		20	5.5	35	78	-	4	-	-	4.1	22.5	8.7	56.1	-	-
	16	10	8	35	60	60	5	1.7	13	12	38	16.5	78	29.6	157.9
		15	8	35	60	70	5	1.7	13	9.7	39.7	14.2	79.4	10	142.2
		20	8	35	85	90	5	1.7	13	8.6	40.1	16.8	80.4	4.3	146.1
		30	8	35	125	125	5	-	-	17	38	19.8	81.2	5.2	140.7
		40	8	35	125	-	5	-	-	5.5	41.2	7.6	84.3	-	-
		50	8	35	155	-	5	-	-	4.4	48.3	7.5	78.8	-	-
		60	8	35	159	-	5	-	-	4.1	49.6	6.4	78.1	-	-
		70	8	35	185	-	5	-	-	3.1	55.7	4.3	95	-	-
	20	80	8	35	185	-	5	-	-	2.5	51.3	3.2	103.5	-	-
		15	10	45	60	80	6	-	-	14	79.4	22.5	147.1	14.5	274.6
		20	10	45	72	-	6	-	-	14	83.4	23	157.9	-	-
		30	10	45	96	-	6	-	-	14	88.3	18.6	154	-	-
	24	40	10	45	120	-	6	-	-	13	110	26.8	195.1	-	-
		7	10	45	60	-	10	-	-	28	65.9	40.7	127.9	-	-
		15	10	45	60	84	10	-	-	26	107	46.9	226.5	55.1	375.2
		20	10	45	75	-	10	-	-	15	101	43.1	224.6	-	-
		30	10	45	100	-	10	-	-	19	100	47.8	231.4	-	-
	30	40	10	45	124	-	10	-	-	17	98.1	44.1	225.5	-	-
		15	14	45	66	-	14	-	-	9.3	104	32.4	259.9	-	-
20		14	45	78	-	14	-	-	55	157	72.6	356.5	-	-	
30		14	45	100	-	14	-	-	28	128	41.6	290.3	-	-	
40		14	45	123	-	14	-	-	15	109	44.4	303	-	-	