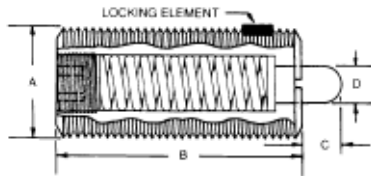


Spring Plungers heavy pressure

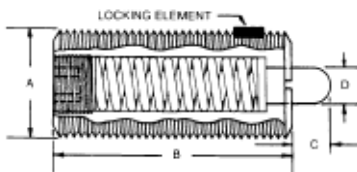


- Steel body, black oxide finish
- All plungers equipped with nylon pellet for positive holding. If you require plungers without the nylon locking element, please specify when ordering.
- New phenolic nose available
- Ideal for locating or positioning applications

Steel Nose PART #	End Pressures Pounds			A	B	C	D
	Start	1/2	Full				
MSP-1	1.5	3.0	4.5	#6-32	17/32	.062	.046
MSP-2	1.0	1.3	1.6	#6-32	3/8	.062	.046
MSP-3	2.7	5.0	7.3	#8-32	5/8	.093	.070
MSP-4	2.9	7.0	11.1	#10-32	3/4	.125	.093
MSP-5	3.0	8.0	13.0	1/4-20	1"	.187	.119
MSP-6	3.0	8.0	13.0	1/4-28	1"	.187	.119
MSP-7	2.0	5.5	9.0	1/4-20	3/4	.125	.119
MSP-8	3.0	9.0	15.0	5/16-18	1"	.187	.135
MSP-9	5.5	10.0	14.5	3/8-16	1-1/8	.187	.186
MSP-10	6.6	12.0	17.4	1/2-13	1-1/4	.250	.248
MSP-11	10.5	18.0	25.5	5/8-11	1-1/2	.312	.310
MSP-12	6.7	22.0	37.3	3/4-10	1-3/4	.312	.374
MSP-13	16.0	42.0	68.0	1"-8	2-13/32	.500	.499

Phenolic Nose PART #	Brown Delrin Nose PART #	End Pressures Pounds			A	B	C	D
		Start	1/2	Full				
MSP-141	MSP-41	2.7	5.0	7.3	#8-32	5/8	.093	.070
MSP-142	MSP-42	2.9	7.0	11.1	#10-32	3/4	.125	.093
MSP-143	MSP-43	3.0	8.0	13.0	1/4-20	1"	.187	.119
MSP-1435	MSP-435	3.0	8.0	13.0	1/4-28	1"	.187	.119
MSP-144	MSP-44	3.0	9.0	15.0	5/16-18	1"	.187	.135
MSP-145	MSP-45	5.5	10.0	14.5	3/8-16	1-1/8	.187	.186
MSP-146	MSP-46	6.6	12.0	17.4	1/2-13	1-1/4	.250	.248
MSP-147	MSP-47	10.5	18.0	25.5	5/8-11	1-1/2	.312	.310

Spring Plungers light pressure



- Steel body, black oxide finish
- All plungers equipped with nylon pellet for positive holding. If you require plungers without the nylon locking element, please specify when ordering.
- New phenolic nose available
- Ideal for locating or positioning applications

Steel Nose PART #	End Pressures Pounds			A	B	C	D
	Start	1/2	Full				
MSP-21	0.5	1.0	1.5	#6-32	17/32	.062	.046
MSP-22	0.7	1.5	2.3	#8-32	5/8	.093	.070
MSP-23	1.3	2.0	2.7	#10-32	3/4	.125	.093
MSP-24	1.0	2.5	4.0	1/4-20	1"	.187	.119
MSP-25	1.0	2.5	4.0	1/4-28	1"	.187	.119
MSP-26	1.5	3.0	4.5	5/16-18	1"	.187	.135
MSP-27	2.8	5.0	7.2	3/8-16	1-1/8	.187	.186
MSP-28	2.7	6.0	9.3	1/2-13	1-1/4	.250	.248
MSP-29	3.5	7.0	10.5	5/8-11	1-1/2	.312	.310
MSP-30	4.0	10.0	16.0	3/4-10	1-3/4	.312	.374
MSP-31	4.0	17.5	31.0	1"-8	2-13/32	.500	.499

Phenolic Nose PART #	White Delrin Nose PART #	End Pressures Pounds			A	B	C	D
		Start	1/2	Full				
MSP-151	MSP-51	0.7	1.5	2.3	#8-32	5/8	.093	.070
MSP-152	MSP-52	1.3	2.0	2.7	#10-32	3/4	.125	.093
MSP-153	MSP-53	1.0	2.5	4.0	1/4-20	1"	.187	.119
MSP-1535	MSP-538	1.0	2.5	4.0	1/4-28	1"	.187	.119
MSP-154	MSP-54	1.5	3.0	4.5	5/16-18	1"	.187	.135
MSP-155	MSP-55	2.8	5.0	7.2	3/8-16	1-1/8	.187	.186
MSP-156	MSP-56	2.7	6.0	9.3	1/2-13	1-1/4	.250	.248
MSP-157	MSP-57	3.5	7.0	10.5	5/8-11	1-1/2	.312	.310