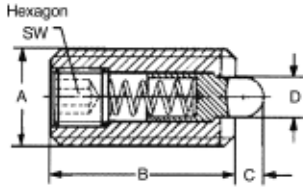


Metric Spring Plungers

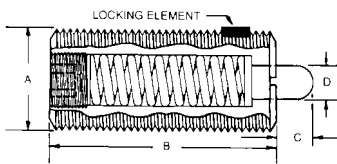


- Steel bodies, black oxide finish
- Available in hardened steel nose, or white Delrin® nose
- Spring pressure shown in newtons (N)



Steel Nose PART #	Delrin Nose PART #	Initial Pressure	Final Pressure	A	B	C	D	Hex
41103	-	2	4	M3 x .5	12mm	1mm	1mm	.7mm
41104	41204	5	15	M4 x .7	15	1.5	1.5	1.3
41105	41205	7	20	M5 x .8	18	2.3	2.4	1.5
41106	41206	7	20	M6 x 1.0	20	2.5	2.7	2
41108	41208	9	35	M8 x 1.25	22	3	3.5	2.5
41110	41210	9	35	M10 x 1.5	22	3	4	3
41112	41212	15	55	M12 x 1.75	28	4	6	4
41116	41216	45	100	M16 x 2.0	32	5	7.5	5
41120	-	70	140	M20 x 2.5	40	7	10	6
41124	-	80	180	M24 x 3.0	52	10	12	8

Metric Spring Plungers



- All dimensions are shown in millimeters
- Steel bodies are made from carbon steel with black oxide finish
- Stainless bodies are made from 303 stainless steel
- All plungers equipped with nylon pellet for positive holding. If you require plungers without the nylon locking element, please specify when ordering.
- Ideal for locating or positioning applications

HEAVY SPRING PRESSURE

Steel Body Steel Nose PART #	Stainless Body Stainless Nose PART #	End Pressue Start	Full	Class 6G ISO A	B	C	±.025 D
MSP-80	MSP-80SS	13.5	58	M 6 X 1.0	25.00mm	5.00mm	3.00mm
MSP-81	MSP-81SS	13.5	67	M 8 X 1.25	25.00	5.00	3.40
MSP-82	MSP-82SS	24.5	65	M 10 X 1.5	29.00	5.00	4.70
MSP-83	MSP-83SS	29.5	78	M 12 X 1.75	32.00	6.00	6.30

BROWN NYLON NOSE

Steel Body	Stainless Body	End Pressue	Start	Full	Class 6G ISO	A	B	C	±.025 D
MSP-84	MSP-84SS	13.5	58	67	M6 x 1.0	25.00	5.00	3.00	
MSP-85	MSP-85SS	13.5	67	65	M8 x 1.25	25.00	5.00	3.40	
MSP-86	MSP-86SS	24.5	65	78	M10 x 1.5	29.00	5.00	4.70	
MSP-87	MSP-87SS	29.5	78		M12 x 1.75	32.00	6.00	6.30	

LIGHT SPRING PRESSURE

Steel Body Steel Nose PART #	Stainless Body Stainless Nose PART #	End Pressue Start	Full	Class 6G ISO A	B	C	±.025 D
MSP-90	MSP-90SS	4.5	18	M6 x 1.0	25.00	5.00	3.00
MSP-91	MSP-91SS	6.5	20	M8 x 1.25	25.00	5.00	3.40
MSP-92	MSP-92SS	12.5	32	M10 x 1.5	29.00	5.00	4.70
MSP-93	MSP-93SS	12	42	M12 x 1.75	32.00	6.00	6.30

WHITE NYLON NOSE

Steel Body	Stainless Body	End Pressue	Start	Full	Class 6G ISO	A	B	C	±.025 D
MSP-94	MSP-94SS	4.5	18	20	M6 x 1.0	25.00	5.00	3.00	
MSP-95	MSP-95SS	6.5	20	32	M8 x 1.25	25.00	5.00	3.40	
MSP-96	MSP-96SS	12.5	32	42	M10 x 1.5	29.00	5.00	4.70	
MSP-97	MSP-97SS	12	42		M12 x 1.75	32.00	6.00	6.30	