

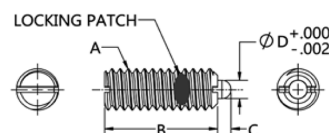
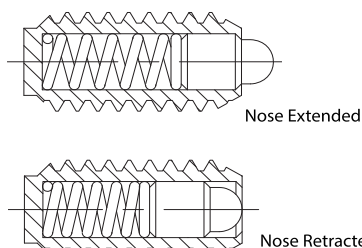
SHORT SPRING PLUNGERS

STEEL – BODY: 1215 STEEL, BLACK OXIDE FINISH. PLUNGER NOSE: 1215 STEEL, CASE HARDENED, BLACK OXIDE FINISH OR ZINC PLATED CLEAR CHROMATE (OR DELRIN®). SPRING: MUSIC WIRE.
STAINLESS STEEL – BODY: 300-SERIES STAINLESS.
PLUNGER NOSE: 300-SERIES STAINLESS (OR DELRIN®). SPRING: 302 STAINLESS.



Compact, short-stroke version of our standard Spring Plungers. Self-contained plunger-and-spring device available in many sizes and forces. Locking element holds the unit securely in place after installation. Install and/or adjust from either end (when using the slot at the plunger end, install with a Plunger Wrench to avoid over-compressing the spring).

Available in thread sizes from #8-32 to 5/8-11 (M5 to M12 in metric). Choice of light or heavy force in each thread size. Available in steel, with a hardened plunger nose, or stainless steel. Optionally available with a Delrin® nose to prevent marring.



STANDARD PLUNGER NOSE, LIGHT FORCE (INCH)

PART NO.		A	END FORCE (LBS)		B	C	D DIA
STEEL	STAINLESS		INITIAL	FINAL			
CL-21-SPS-2	CL-21-SSPS-2	#8-32	0.5	1.5	7/16	.052	.070
CL-22-SPS-2	CL-22-SSPS-2	#8-36					
CL-31-SPS-2	CL-31-SSPS-2	#10-32	0.75	2.5	15/32	.065	.093
CL-43-SPS-2	CL-43-SSPS-2	1/4-20	1	3.5	17/32	.078	.119
CL-51-SPS-2	CL-51-SSPS-2	5/16-18	1.5	4	9/16	.084	.135
CL-61-SPS-2	CL-61-SSPS-2	3/8-16	1.5	5	5/8	.110	.186
CL-71-SPS-2	CL-71-SSPS-2	1/2-13	1.75	5.5	3/4	.151	.248
CL-81-SPS-2	—	5/8-11	2	8.5	1-1/16	.215	.310

DELIRIN® PLUNGER NOSE, LIGHT FORCE (INCH)

PART NO.		A	END FORCE (LBS)		B	C	D DIA
STEEL	STAINLESS		INITIAL	FINAL			
CL-21-SPN-2	—	#8-32	0.5	1.5	7/16	.052	.070
CL-22-SPN-2	—	#8-36					
CL-31-SPN-2	—	#10-32	0.75	2.5	15/32	.065	.093
CL-43-SPN-2	—	1/4-20	1	3.5	17/32	.078	.119
CL-51-SPN-2	—	5/16-18	1.5	4	9/16	.084	.135
CL-61-SPN-2	—	3/8-16	1.5	5	5/8	.110	.186
CL-71-SPN-2	—	1/2-13	1.75	5.5	3/4	.151	.248
CL-81-SPN-2	—	5/8-11	2	8.5	1-1/16	.215	.310

STANDARD PLUNGER NOSE, HEAVY FORCE (INCH)

CL-21-SPS-1	CL-21-SSPS-1	#8-32	1.5	4.75	7/16	.052	.070
CL-22-SPS-1	CL-22-SSPS-1	#8-36					
CL-31-SPS-1	CL-31-SSPS-1	#10-32	1.75	6.25	15/32	.065	.093
CL-43-SPS-1	CL-43-SSPS-1	1/4-20	3	10.5	17/32	.078	.119
CL-51-SPS-1	CL-51-SSPS-1	5/16-18	3.75	15.5	9/16	.084	.135
CL-61-SPS-1	CL-61-SSPS-1	3/8-16	4.5	18.5	5/8	.110	.186
CL-71-SPS-1	CL-71-SSPS-1	1/2-13	5	28	3/4	.151	.248
CL-81-SPS-1	—	5/8-11	7	50	1-1/16	.215	.310

DELIRIN® PLUNGER NOSE, HEAVY FORCE (INCH)

CL-21-SPN-1	—	#8-32	1.5	4.75	7/16	.052	.070
CL-22-SPN-1	—	#8-36					
CL-31-SPN-1	—	#10-32	1.75	6.25	15/32	.065	.093
CL-43-SPN-1	—	1/4-20	3	10.5	17/32	.078	.119
CL-51-SPN-1	—	5/16-18	3.75	15.5	9/16	.084	.135
CL-61-SPN-1	—	3/8-16	4.5	18.5	5/8	.110	.186
CL-71-SPN-1	—	1/2-13	5	28	3/4	.151	.248
CL-81-SPN-1	—	5/8-11	7	50	1-1/16	.215	.310

STANDARD PLUNGER NOSE, LIGHT FORCE (METRIC)

CLM-51-SPS-1	—	M5	.7	2.5	.47	.065	.093
CLM-61-SPS-1	—	M6	1	3.5	.53	.078	.119
CLM-81-SPS-1	—	M8	1.5	4	.56	.084	.135
CLM-101-SPS-1	—	M10	1.5	5	.62	.110	.186
CLM-121-SPS-1	—	M12	1.8	5.5	.75	.151	.248

DELIRIN® PLUNGER NOSE, LIGHT FORCE (METRIC)

CLM-51-SPN-1	—	M5	.7	2.5	.47	.065	.093
CLM-61-SPN-1	—	M6	1	3.5	.53	.078	.119
CLM-81-SPN-1	—	M8	1.5	4	.56	.084	.135
CLM-101-SPN-1	—	M10	1.5	5	.62	.110	.186
CLM-121-SPN-1	—	M12	1.8	5.5	.75	.151	.248

STANDARD PLUNGER NOSE, HEAVY FORCE (METRIC)

CLM-51-SPS-2	—	M5	1.8	6.3	.47	.065	.093
CLM-61-SPS-2	—	M6	3	10.5	.53	.078	.119
CLM-81-SPS-2	—	M8	3.8	15.5	.56	.084	.135
CLM-101-SPS-2	—	M10	4.5	18.5	.62	.110	.186
CLM-121-SPS-2	—	M12	5	28	.75	.151	.248

DELIRIN® PLUNGER NOSE, HEAVY FORCE (METRIC)

—	—	M5	1.8	6.3	.47	.065	.093
—	—	M6	3	10.5	.53	.078	.119
—	—	M8	3.8	15.5	.56	.084	.135
—	—	M10	4.5	18.5	.62	.110	.186
—	—	M12	5	28	.75	.151	.248