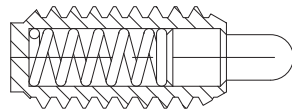


SHORT SPRING PLUNGERS WITH EXTENDED TRAVEL

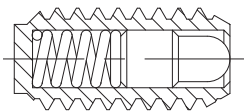
STEEL – BODY: 1215 STEEL, BLACK OXIDE FINISH. PLUNGER NOSE: 1215 STEEL, CASE HARDENED, BLACK OXIDE FINISH OR ZINC PLATED CLEAR CHROMATE (OR DELRIN®). SPRING: MUSIC WIRE
 STAINLESS STEEL – BODY: 300-SERIES STAINLESS.
 PLUNGER NOSE: 300-SERIES STAINLESS (OR DELRIN®). SPRING: 302 STAINLESS.



These Spring Plungers have the body length of a Short Spring Plunger while providing the longer stroke of a standard Spring Plunger (spring force is somewhat reduced). This self-contained plunger-and-spring device is available in a wide range of sizes. 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).

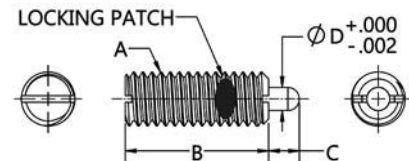


Nose Extended



Nose Retracted

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



STANDARD PLUNGER NOSE (INCH)

PART NO.		A	END FORCE (LBS)		B	C	D DIA
STEEL	STAINLESS		INITIAL	FINAL			
CL-25-SPS-1	CL-25-SSPS-1	#8-32	1.0	3.2	7/16	.093	.070
CL-26-SPS-1	CL-26-SSPS-1	#8-36	1.2	4.2	15/32	.125	.093
CL-35-SPS-1	CL-35-SSPS-1	#10-32	2.0	7.0	17/32	.187	.119
CL-45-SPS-1	CL-45-SSPS-1	1/4-20	2.5	10.5	9/16	.187	.135
CL-55-SPS-1	CL-55-SSPS-1	5/16-18	3.0	12.5	5/8	.187	.186
CL-65-SPS-1	CL-65-SSPS-1	3/8-16	3.5	19	3/4	.250	.248
CL-75-SPS-1	CL-75-SSPS-1	1/2-13	4.5	34	1-1/16	.312	.310
CL-85-SPS-1	—	5/8-11	—	—	—	—	—

DELRIN® PLUNGER NOSE (INCH)

PART NO.		A	END FORCE (LBS)		B	C	D DIA
STEEL	STAINLESS		INITIAL	FINAL			
—	—	#8-32	1.0	3.2	7/16	.093	.070
—	—	#8-36	1.2	4.2	15/32	.125	.093
CL-35-SPN-1	—	#10-32	2.0	7.0	17/32	.187	.119
CL-45-SPN-1	—	1/4-20	2.5	10.5	9/16	.187	.135
—	—	5/16-18	3.0	12.5	5/8	.187	.186
CL-65-SPN-1	—	3/8-16	3.5	19	3/4	.250	.248
—	—	1/2-13	4.5	34	1-1/16	.312	.310
—	—	5/8-11	—	—	—	—	—

STANDARD PLUNGER NOSE (METRIC)

PART NO.		A	END FORCE (LBS)		B	C	D DIA
STEEL	STAINLESS		INITIAL	FINAL			
CLM-55-SPS-1	—	M5	1.2	4.2	.47	.125	.093
CLM-65-SPS-1	—	M6	2.0	7.0	.53	.187	.119
CLM-85-SPS-1	—	M8	2.5	10.5	.56	.187	.135
CLM-105-SPS-1	—	M10	3.0	12.5	.62	.187	.186
CLM-125-SPS-1	—	M12	3.5	19	.75	.250	.248

DELRIN® PLUNGER NOSE (METRIC)

PART NO.		A	END FORCE (LBS)		B	C	D DIA
STEEL	STAINLESS		INITIAL	FINAL			
—	—	M5	1.2	4.2	.47	.125	.093
CLM-65-SPN-1	—	M6	2.0	7.0	.53	.187	.119
CLM-85-SPN-1	—	M8	2.5	10.5	.56	.187	.135
—	—	M10	3.0	12.5	.62	.187	.186
—	—	M12	3.5	19	.75	.250	.248