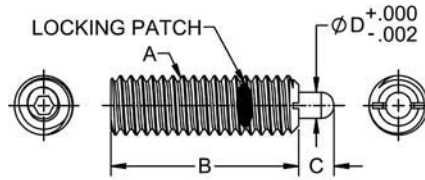


# SPRING PLUNGERS



## STANDARD PLUNGER NOSE, LIGHT FORCE (INCH)

PART NO.		A	END FORCE (LBS)		B	C	D DIA
STEEL	STAINLESS		INITIAL	FINAL			
CL-10-SPS-2	CL-10-SSPS-2	#6-32	0.5	1.5	17/32	1/16	.046
CL-20-SPS-2	CL-20-SSPS-2	#8-32	0.7	2.3	5/8	3/32	.070
CL-30-SPS-2	CL-30-SSPS-2	#10-32	1.3	2.7	3/4	1/8	.093
CL-40-SPS-2	CL-40-SSPS-2	1/4-20	1	4	1	3/16	.119
CL-41-SPS-2	CL-41-SSPS-2	1/4-28					
CL-50-SPS-2	CL-50-SSPS-2	5/16-18	1.5	4.5	1	3/16	.135
CL-60-SPS-2	CL-60-SSPS-2	3/8-16	2.8	7.2	1-1/8	3/16	.186
CL-70-SPS-2	CL-70-SSPS-2	1/2-13	2.7	9.3	1-1/4	1/4	.248
CL-80-SPS-2	—	5/8-11	3.5	10.5	1-1/2	5/16	.310
CL-90-SPS-2	—	3/4-10	4	16	1-3/4	5/16	.374
CL-95-SPS-2	—	1"-8	4	31	2-13/32	1/2	.499

## DELRIN® PLUNGER NOSE, LIGHT FORCE (INCH)

PART NO.		A	END FORCE (LBS)		B	C	D DIA
STEEL	STAINLESS		INITIAL	FINAL			
—	—	#6-32	—	—	—	—	—
CL-20-SPN-2	—	#8-32	0.7	2.3	5/8	3/32	.070
CL-30-SPN-2	—	#10-32	1.3	2.7	3/4	1/8	.093
CL-40-SPN-2	—	1/4-20	1	4	1	3/16	.119
—	—	1/4-28	—	—	—	—	—
CL-50-SPN-2	—	5/16-18	1.5	4.5	1	3/16	.135
CL-60-SPN-2	—	3/8-16	2.8	7.2	1-1/8	3/16	.186
CL-70-SPN-2	—	1/2-13	2.7	9.3	1-1/4	1/4	.248
CL-80-SPN-2	—	5/8-11	3.5	10.5	1-1/2	5/16	.310
—	—	3/4-10	—	—	—	—	—
—	—	1"-8	—	—	—	—	—

## STANDARD PLUNGER NOSE, HEAVY FORCE (INCH)

PART NO.		A	END FORCE (LBS)		B	C	D DIA
STEEL	STAINLESS		INITIAL	FINAL			
CL-11-SPS-1	CL-11-SSPS-1	#6-32	1.0	1.6	3/8	1/16	.046
CL-10-SPS-1	CL-10-SSPS-1		1.5	4.5	17/32		
CL-20-SPS-1	CL-20-SSPS-1	#8-32	2.7	7.3	5/8	3/32	.070
CL-30-SPS-1	CL-30-SSPS-1	#10-32	2.9	11.1	3/4	1/8	.093
CL-42-SPS-1	CL-42-SSPS-1	1/4-20	2	9	3/4	1/8	.119
CL-40-SPS-1	CL-40-SSPS-1		3	13	1	3/16	
CL-41-SPS-1	CL-41-SSPS-1	1/4-28	—	—	—	—	—
CL-50-SPS-1	CL-50-SSPS-1	5/16-18	3	15	1	3/16	.135
CL-60-SPS-1	CL-60-SSPS-1	3/8-16	5.5	14.5	1-1/8	3/16	.186
CL-70-SPS-1	CL-70-SSPS-1	1/2-13	6.6	17.4	1-1/4	1/4	.248
CL-80-SPS-1	—	5/8-11	10.5	25.5	1-1/2	5/16	.310
CL-90-SPS-1	—	3/4-10	6.7	37.3	1-3/4	5/16	.374
CL-95-SPS-1	—	1"-8	16	68	2-13/32	1/2	.499

## DELRIN® PLUNGER NOSE, HEAVY FORCE (INCH)

PART NO.		A	END FORCE (LBS)		B	C	D DIA
STEEL	STAINLESS		INITIAL	FINAL			
—	—	#6-32	—	—	—	—	—
—	—	#6-32	—	—	—	—	—
CL-20-SPN-1	—	#8-32	2.7	7.3	5/8	3/32	.070
CL-30-SPN-1	—	#10-32	2.9	11.1	3/4	1/8	.093
—	—	1/4-20	—	—	—	—	—
CL-40-SPN-1	—	1/4-20	3	13	1	3/16	.119
—	—	1/4-28	—	—	—	—	—
CL-50-SPN-1	—	5/16-18	3	15	1	3/16	.135
CL-60-SPN-1	—	3/8-16	5.5	14.5	1-1/8	3/16	.186
CL-70-SPN-1	—	1/2-13	6.6	17.4	1-1/4	1/4	.248
CL-80-SPN-1	—	5/8-11	10.5	25.5	1-1/2	5/16	.310
—	—	3/4-10	—	—	—	—	—
—	—	1"-8	—	—	—	—	—

## STANDARD PLUNGER NOSE, LIGHT FORCE (METRIC)

PART NO.		A	END FORCE (LBS)		B	C	D DIA
STEEL	STAINLESS		INITIAL	FINAL			
CLM-6-SPS-1	CLM-6-SSPS-1	M6	1.0	4.0	1	3/16	.119
CLM-8-SPS-1	CLM-8-SSPS-1	M8	1.5	4.5	1	3/16	.135
CLM-10-SPS-1	CLM-10-SSPS-1	M10	2.8	7.2	1-1/8	3/16	.186
CLM-12-SPS-1	CLM-12-SSPS-1	M12	2.7	9.3	1-1/4	1/4	.248

## DELRIN® PLUNGER NOSE, LIGHT FORCE (METRIC)

PART NO.		A	END FORCE (LBS)		B	C	D DIA
STEEL	STAINLESS		INITIAL	FINAL			
CLM-6-SPN-1	—	M6	1.0	4.0	1	3/16	.119
CLM-8-SPN-1	—	M8	1.5	4.5	1	3/16	.135
CLM-10-SPN-1	—	M10	2.8	7.2	1-1/8	3/16	.186
CLM-12-SPN-1	—	M12	2.7	9.3	1-1/4	1/4	.248

## STANDARD PLUNGER NOSE, HEAVY FORCE (METRIC)

PART NO.		A	END FORCE (LBS)		B	C	D DIA
STEEL	STAINLESS		INITIAL	FINAL			
CLM-6-SPS-2	CLM-6-SSPS-2	M6	3.0	13.0	1	3/16	.119
CLM-8-SPS-2	CLM-8-SSPS-2	M8	3.0	15.0	1	3/16	.135
CLM-10-SPS-2	CLM-10-SSPS-2	M10	5.5	14.5	1-1/8	3/16	.186
CLM-12-SPS-2	CLM-12-SSPS-2	M12	6.6	17.4	1-1/4	1/4	.248

## DELRIN® PLUNGER NOSE, HEAVY FORCE (METRIC)

PART NO.		A	END FORCE (LBS)		B	C	D DIA
STEEL	STAINLESS		INITIAL	FINAL			
CLM-6-SPN-2	—	M6	3.0	13.0	1	3/16	.119
CLM-8-SPN-2	—	M8	3.0	15.0	1	3/16	.135
CLM-10-SPN-2	—	M10	5.5	14.5	1-1/8	3/16	.186
CLM-12-SPN-2	—	M12	6.6	17.4	1-1/4	1/4	.248