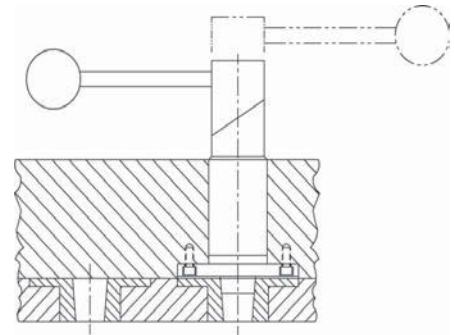


STRAIGHT INDEX PLUNGERS

PLUNGER, BODY, RETAINER, AND CAM: 1144 STEEL, HEAT TREATED. CENTER SHAFT: 1144 STEEL. SPRING: MUSIC WIRE.
BALL KNOB: BLACK PHENOLIC PLASTIC WITH MOLDED-IN BRASS INSERT

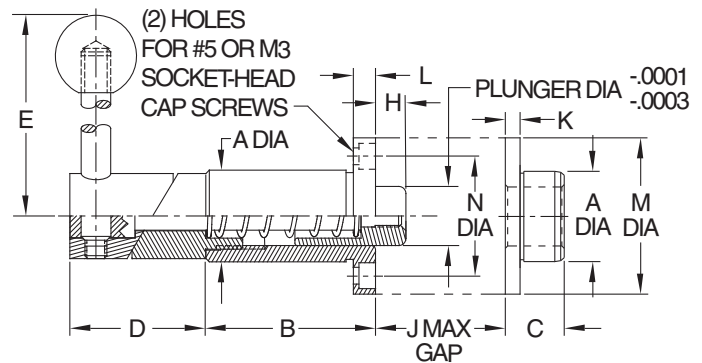


**Straight Index Plungers
Rotary Cam
Flange Mount**



Index Plungers are precision, heavy-duty assemblies with a retractable spring-loaded plunger and a matching locating bushing. Tapered Index Plungers feature a 15° taper on the plunger tip with a mating taper on the bushing. The taper makes alignment easier and also eliminates any binding during retraction. Straight Index Plungers have an entirely cylindrical plunger with a slight radius at the tip, used together with a straight bushing. A straight plunger provides slightly greater positional accuracy. Order plunger and bushing separately.

The rotary-cam version completely retracts when the handle is rotated 180°. Cam surfaces are hardened steel. The flange-mount configuration shown here has a precision ground body with a flange used for orientation by fastening with two Socket-Head Cap Screws (also available with a slightly oversize unground body to allow custom grinding to size). Flange mounting is designed for installations where a cross hole for a set screw is not practical. Index plungers are manufactured with precision working tolerances and are designed for a very light interference-fit installations to avoid binding of the mechanism.



STRAIGHT INDEX PLUNGERS — ROTARY CAM, FLANGE MOUNT (INCH)

PART NO. INDEX PLUNGER	PART NO. BUSHING	PLUNGER DIA	A DIA			B	C	D	E	H	J	K	L	M DIA	N DIA
			NOMINAL	GROUND	UNGROUND										
CL-22007-SIP	CL-22029-SIPB	1/2	3/4	.7518/.7515	—	1-3/8	1/2	1-1/8	3	5/16	3/32	1/8	3/16	1-5/16	1
CL-22005-SIP	CL-22027-SIPB			—	.766/.765										
CL-22107-SIP	CL-22129-SIPB	3/4	1-1/8	1.1268/1.1265	—	2	5/8	1-1/2	3-1/2	13/32	1/8	1/8	3/16	1-11/16	1-3/8
CL-22105-SIP	CL-22127-SIPB			—	1.141/1.140										

STRAIGHT INDEX PLUNGERS — ROTARY CAM, FLANGE MOUNT (METRIC)

PART NO.	PLUNGER DIA (mm)	A DIA NOMINAL (mm)	A DIA ACTUAL (mm)	B (mm)	D (mm)	E (mm)	H (mm)	J (mm)	L (mm)	M DIA (mm)	N DIA (mm)
CLM-22007-SIP	12	20	20.046 / 20.038 (Ground)	35	28.5	76	8	2.4	5	34	25
CLM-22107-SIP	20	30	30.046 / 30.038 (Ground)	51	38	89	10.5	3.2	5	42	35