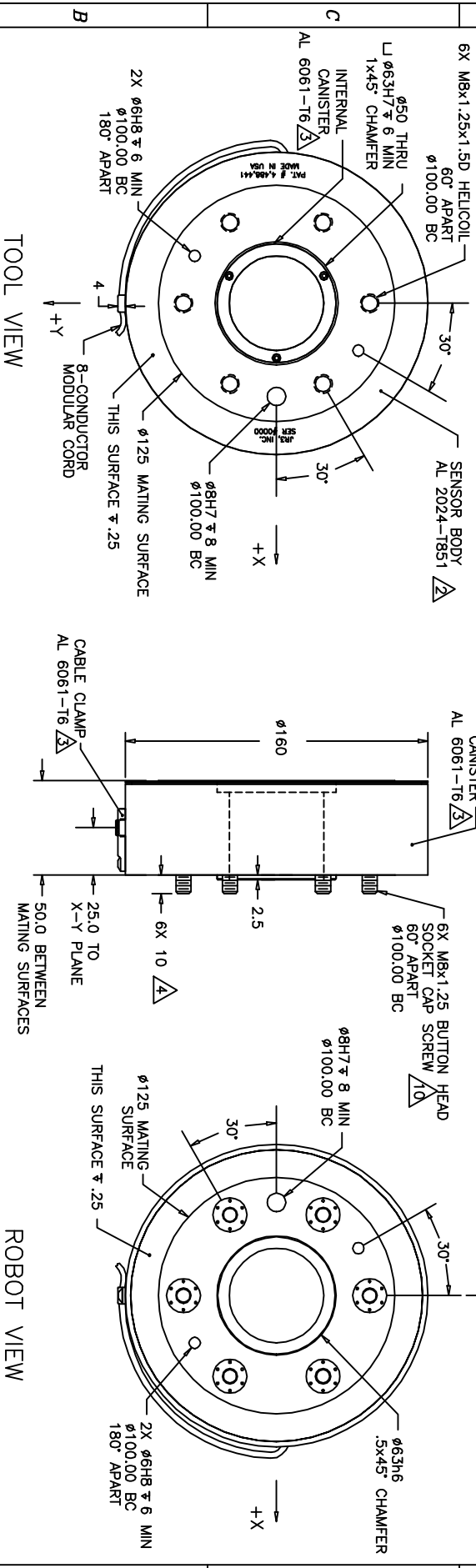


REVOLUTIONS			
REV	DESCRIPTION	DATE	APPROVED
-	INITIAL RELEASE	06/17/96	G. SAKONA
A	SEE ECN E0480	03/27/98	G. SAKONA
B	SEE ECN E0594		



- NOTES:
- DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE NOTED.
 - TYPE 2, CLASS 2, BLACK ANODIZE.
 - TYPE 2, CLASS 2, BLUE ANODIZE.
 - LENGTH OF CAPTIVE BOLT PROJECTION MAY BE ALTERED PER CUSTOMER REQUEST.
 - AXES SHOWN ASSUME OPPOSITE SIDE HELD FIXED.
 - ROBOT VIEW IS RIGHT HAND RULE (JR3 STANDARD). THIS FORCES TOOL VIEW TO BE LEFT HAND RULE.
 - AVAILABLE LOAD RATINGS INCLUDE: 200, 400, 630, AND 1000N (50, 100, 150 AND 250lb), WHERE:
 FULL SCALE F_x, F_y = LOAD RATING * 2
 FULL SCALE M_x, M_y, M_z = LOAD RATING * NOMINAL DIAMETER (160mm, 6.3in)
 TORQUE M8 SCREWS TO 24Nm (210inlb) IN 3 EQUAL STEPS FOLLOWING AN A-C-E-B-D-F SEQUENCE.
 MAXIMUM ALLOWABLE SCREW PENETRATION INTO SENSOR TOOL SIDE IS 20mm.
 - SCREWS ARE CAPTIVE, FREE TO ROTATE, AND ACCESSIBLE WITH HEX KEY THRU SENSOR TOOL SIDE.

TITLE: INTERFACE, 160M50 SENSOR, 1100 BOLT PATTERN		MODEL: 160M50A-1100		DRAWN: GCS	
MAT'L: AS SHOWN		SCALE: 1/2 AND NOTED		DWG SIZE: B	
TOLERANCES: (UNLESS OTHERWISE NOTED)		DWG NO.: 3821		REV: B	
X = ±.25mm XX = ±.10mm ANGLES = ±0.1°		SHEET 1 OF 1		REV: B	

JR3 INC. WOODLAND, CA 95776