



- NOTES: (UNLESS OTHERWISE SPECIFIED)
1. INTERPRET DRAWING PER ANSI Y14.5M-1982.
 2. ALL LOCATING DIMENSIONS ON DRAWING ARE BASIC.
 3. MACHINE PROTRUDING END OF ITEM 1 (THREADED INSERT) FLUSH WITH FACE WITHIN .005-.010 INSIDE OF PART TO NOTED DIAMETER. OPT. MACHINE ITEM 1 TO .325-.335 LENGTH BEFORE INSTALLATION TO AVOID PROTRUSION.
 4. PERMANENTLY MARK AS SHOWN USING 3/8 HIGH X .010 DEEP CHARACTERS.
 5. PERMANENTLY MARK APPROX. WHERE SHOWN USING 1/8 & 1/4 HIGH X .010 DEEP CHARACTERS.
 6. FOR VENDOR INFORMATION, SEE TOP ASSEMBLY MATERIALS LIST D970006 OR D970007.

IMPORTANT:
REFER TO LIGO-E970034 FOR INSTRUCTIONS ON REMOVAL, REPLACEMENT, AND GENERAL HANDLING OF OPTIC IN THIS CARRIER.

1	9	KEENSERT #KN420J	1/4-20 THREADED INSERT, NON-LOCKING	SS
REF.	QTY.	PART or DRWG No.	NOMENCLATURE or DESCRIPTION	MATERIAL

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES		TOLERANCES: FRACTIONAL ± ANGULAR ±0.5° ANGULARMACH ± BEND ± TWO PLACE DECIMAL ±.03		THREE PLACE DECIMAL ±.005 FINISHED SURFACE 32 MICROINCH AVERAGE BREAK CORNERS IN .005-.010 REMOVE ALL BURRS		MATERIAL: 6061 ALU TOOLING PLATE 3/8 THICK		HEAT TREAT: T6 PER AMS 2770		FINISH:		DCN E960157		00 RELEASE FOR FAB		CONLEY 1-9-97		CAD FILE D961467-Adwg		SIZE DWG NO. B D961467-A-D	
DWG. NO.		DESCRIPTION		MATERIAL		HEAT TREAT		FINISH		DCN		REV		DESCRIPTION		DATE		SCALE		SHEET	
REFERENCE DRAWINGS		USED ON:		NEXT ASS'Y: D961468										ISSUE DESCRIPTION		DATE		NTS		1 OF 1	

LIGO CALIFORNIA INSTITUTE OF TECHNOLOGY
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CORE OPTIC COMPONENT CARRIER
METROLOGY INTERFACE TOP PLATE