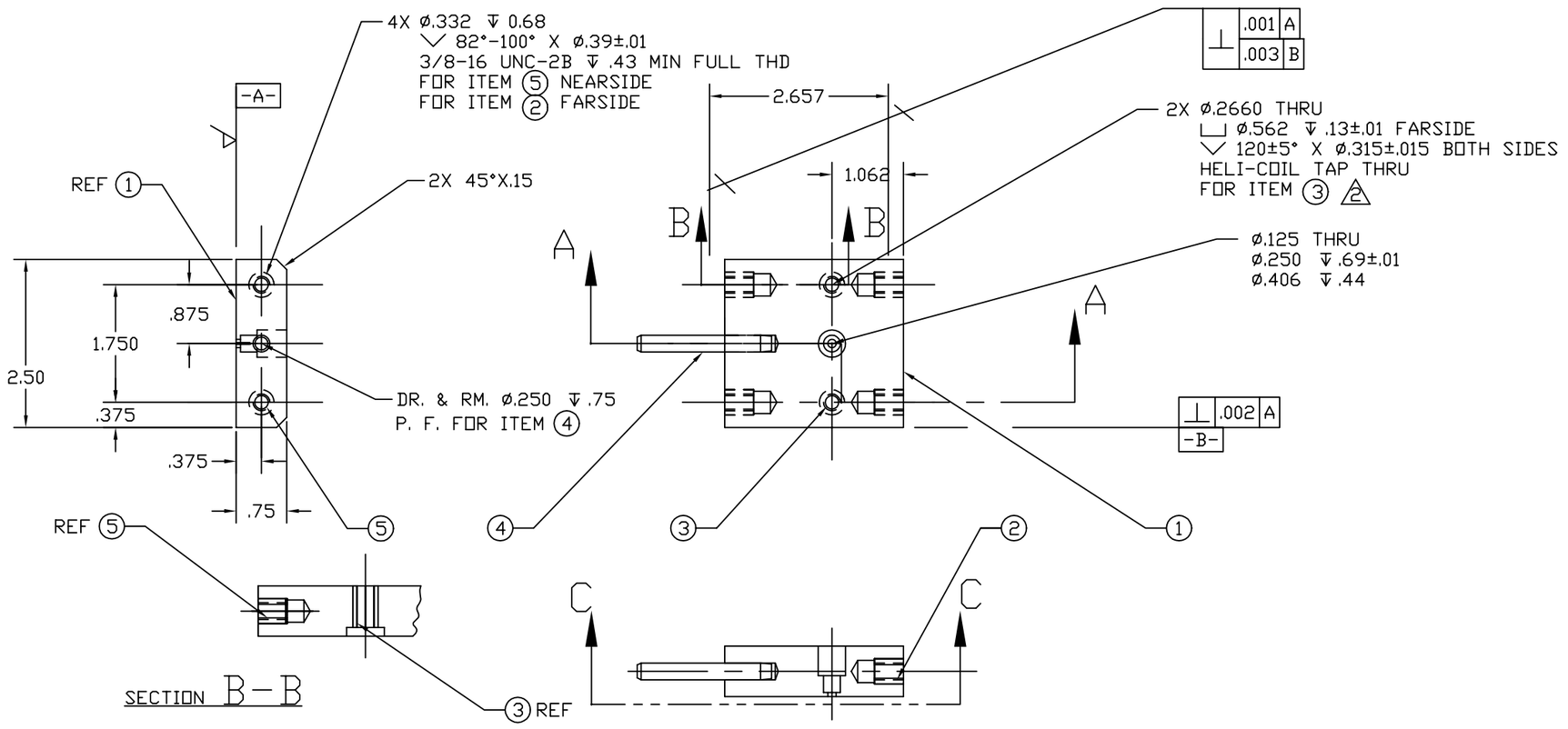

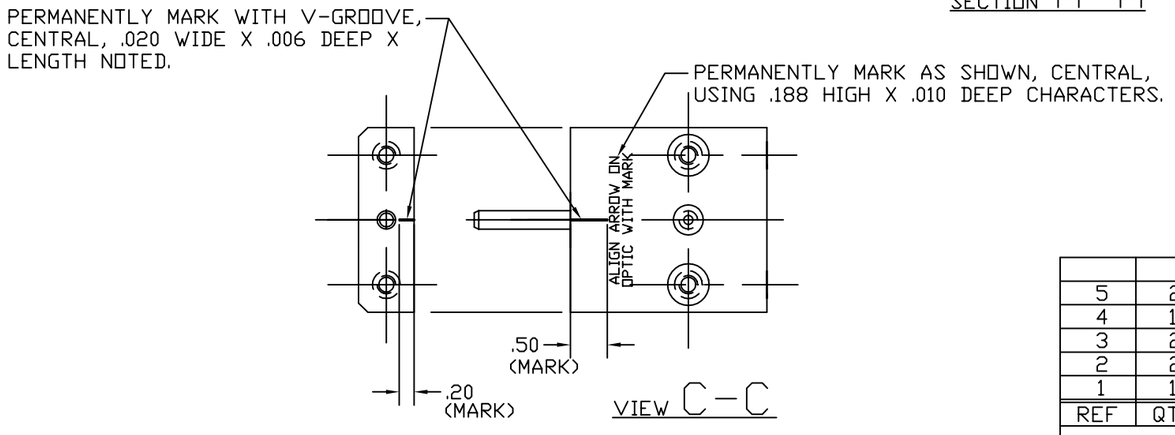

NOTES: (UNLESS OTHERWISE SPECIFIED)

1. INTERPRET DRAWING PER ANSI Y14.5M-1982
2. INSTALL ITEM 3 (THREAD INSERT) FROM NEARSIDE, TO WITHIN 1/4 THREAD PITCH FLUSH WITH FAR END OF TAPPED HOLE, NO PROTRUSION. ALTER LENGTH FLUSH WITH NEAR SIDE WITHIN 1/2 THREAD PITCH, NO PROTRUSION.
3. FOR VENDOR INFORMATION, SEE TOP ASSEMBLY MATERIALS LIST D970006 OR D970007.

PARTS and MATERIAL LIST (3)

REF	QTY	PART or DRWG No.	NOMENCLATURE or DESCRIPTION	MATERIAL
5	2	SPECIAL-T #KN420J	LT. WT. THD "KEENSERT" 1/4-20 X 5/8	STAINLESS STEEL
4	1	McM-Carr #90145A549	1/4 DIA X 2.0 LG DOWEL PIN	STAINLESS STEEL
3	2	EMHART FST #1185-4CN625	THREAD INSERT "HELI-COIL" 1/4-20 X 5/8	STAINLESS STEEL
2	2	SPECIAL-T #KNL420J	LOCKING THD "KEENSERT" 1/4-20 X 5/8	STAINLESS STEEL
1	1	-	.75 X 2.50 RECTANGULAR BAR	(SEE MAT'L/H.T. BLKS)

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: OUT: .005-.010
REMOVE ALL BURRS

MATERIAL: 6061 ALU BAR per QQ-A-225/8
HEAT TREAT: T6 per AMS 2770
FINISH:

USED ON:
NEXT ASS'Y: D961455

REV	DESCRIPTION	DCC	SYS	DET	CDS	VE	CC	BT	CHECK	DRWN	DATE
A	DCN No. E960157										
01	RELEASE FOR FAB										
pA	PRELIMINARY RELEASE										
00	PRE-RELEASE									KABOT	12-2-97

ISSUE DESCRIPTION

DWG. NO.	DESCRIPTION

REFERENCE DRAWINGS

LIGO CALIFORNIA INSTITUTE OF TECHNOLOGY
MASSACHUSETTS INSTITUTE OF TECHNOLOGY

BEAM SPLITTER OPTIC CARRIER
INDEXED STANDOFF

CAD FILE: D961453-A.dwg
SIZE: B
DWG. NO.: D961453-A-D
SCALE: NTS
SHEET: 1 OF 1