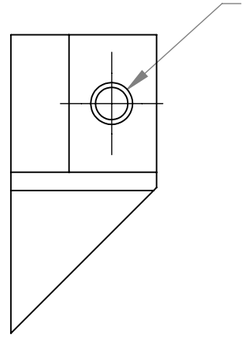
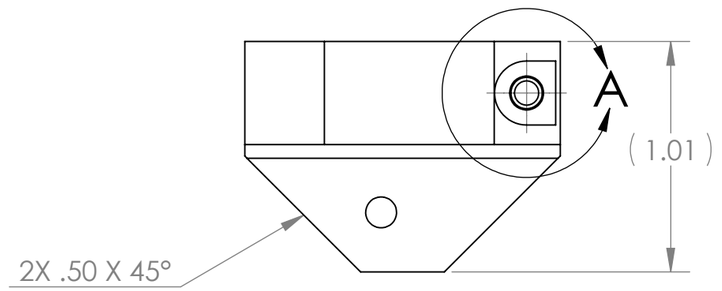
NOTES CONTINUED:

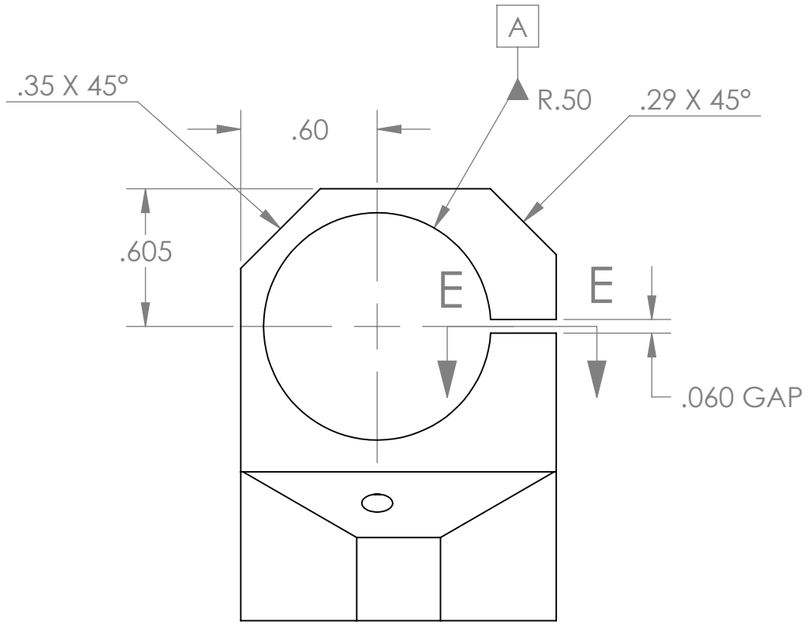
5. SCRIBE, ENGRAVE, OR MECHANICALLY STAMP (NO INKS OR DYES) DRAWING PART NUMBER, REVISION (AND VARIANT OR "TYPE" IF APPLICABLE) ON NOTED SURFACE OF PART FOLLOWED ON THE NEXT LINE WITH A THREE DIGIT SERIAL NUMBER. SERIAL NUMBERS START AT 001 FOR THE FIRST ARTICLE AND PROCEED CONSECUTIVELY. USE MINIMUM 0.12" HIGH CHARACTERS, UNLESS THE SIZE OF THE PART DICTATES SMALLER CHARACTERS. A VIBRATORY TOOL MAY BE USED. EXAMPLE: DXXXXXXX-VY, TYPE-XX, S/N XXX

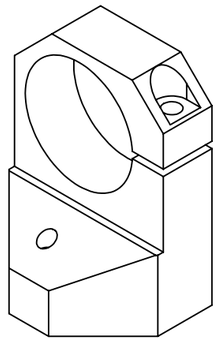
REV.	DATE	DCN #	DRAWING TREE #
v1	22 AUG 2010	E100182-v1	-
-	-	-	-
-	-	-	-



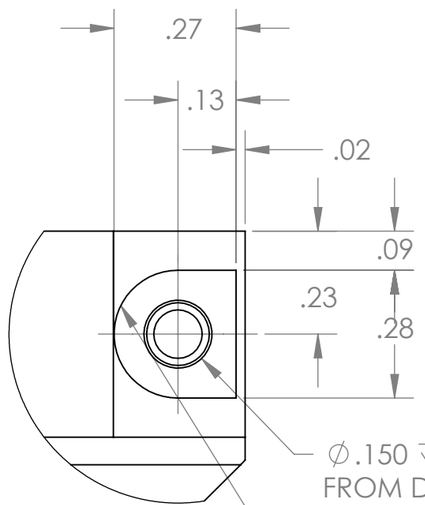
SECTION E-E
SCALE 2 : 1



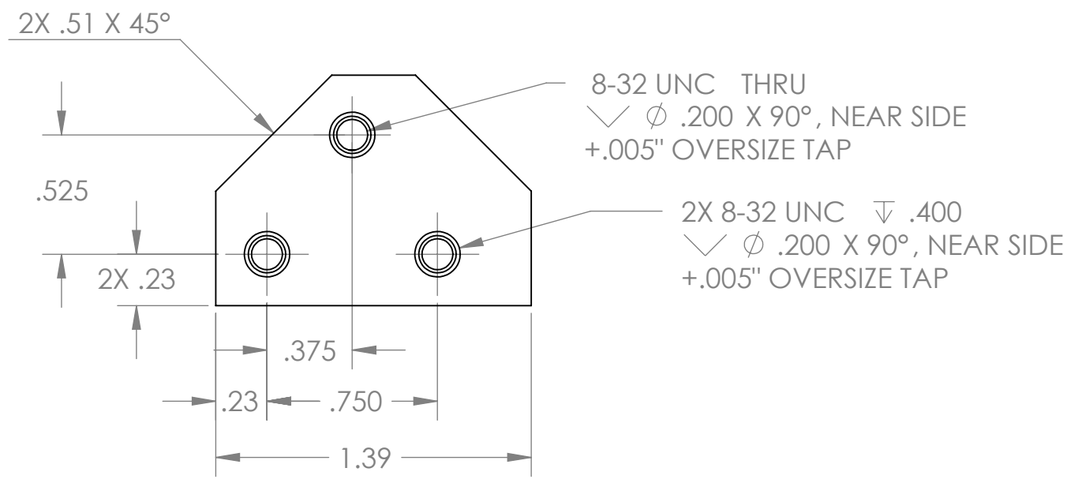




ISO VIEW



DETAIL A



8. MACHINE ALL SURFACES TO REMOVE OXIDES AND MILL FINISH, USE OF ABRASIVE TECHNIQUES IS NOT ALLOWED.
7. DO NOT USE SANDPAPER SCOTCH BRITE OR SIMILAR PRODUSCTS.
6. ALL PARTS SHALL BE MANUFACTURED IN ACCORDANCE WITH LIGO SPECIFICATION E0900364.

NOTES AND TOLERANCES: (UNLESS OTHERWISE SPECIFIED)

DIMENSIONS ARE IN INCHES

TOLERANCES:
.XX ± .01
.XXX ± .005

ANGULAR ± 1.0°

1. INTERPRET DRAWING PER ASME Y14.5-1994.
2. REMOVE ALL SHARP EDGES, R.02 MIN.
3. DO NOT SCALE FROM DRAWING.
4. ALL MACHINING FLUIDS MUST BE FULLY SYNTHETIC, FULLY WATER SOLUBLE AND FREE OF SULFUR, SILICONE, AND CHLORINE.

MATERIAL: 6061-T6 Al
FINISH: N/A µinch

LIGO — CALIFORNIA INSTITUTE OF TECHNOLOGY, MASSACHUSETTS INSTITUTE OF TECHNOLOGY

PART NAME	ALIGO AOS OPLEV TELESCOPE MOUNT BASE					
SYSTEM	ADVANCED LIGO	SUB-SYSTEM	AOS	DESIGNER	C. CONLEY	25 JUN 2010
NEXT ASSY	D1001291			DRAFTER	N. KILPATRICK	22 AUG 2010
				CHECKER		
				APPROVAL		
SIZE	DWG. NO.			REV.		
B	D1001647			v1		
SCALE: 3:2	PROJECTION:			SHEET 1 OF 1		

D1001647 aLIGO AOS OpLev Telescope Clamp, PART PDM REV: X-009, DRAWING PDM REV: X-004