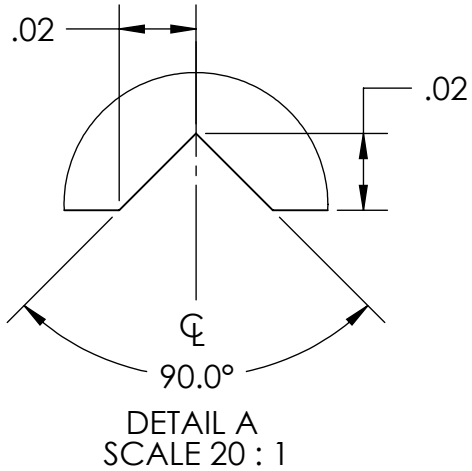
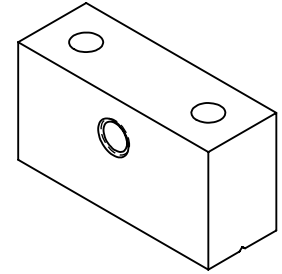
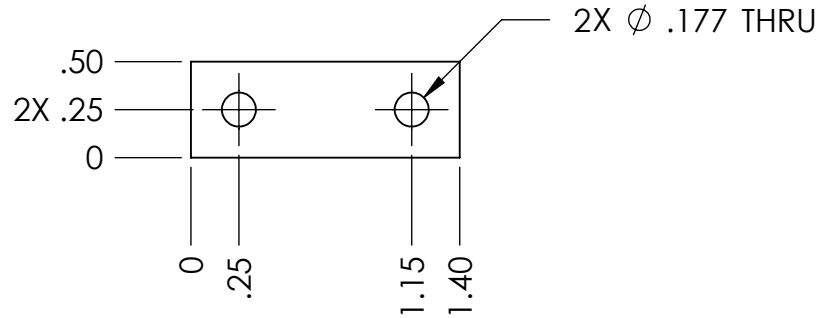


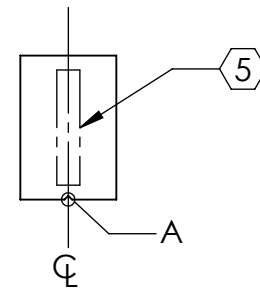
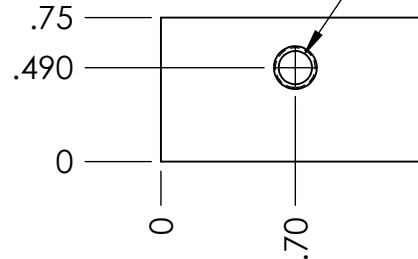
**NOTES CONTINUED:**

- 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: DXXXXXX-VY, TYPE-XX, S/N XXX
- 6. MACHINE ALL SURFACES TO REMOVE OXIDES AND MILL FINISH. USE OF ABRASIVE REMOVAL TECHNIQUES IS NOT ALLOWED.
- 7. ALL PARTS SHALL BE MANUFACTURED IN ACCORDANCE WITH LIGO SPECIFICATION E0900364.
- 8. ALL HELICOIL HOLES TO BE PREPARED IN ACCORDANCE WITH EMHART HELICOIL PRODUCT CATALOG, HC2000, REV. 4.
- 9. ALL HELICOILS TO BE INSTALLED BY LIGO PERSONNEL AFTER DELIVERY, CLEANING AND BAKING OF FINISHED PARTS.

REV.	DATE	DCN #	DRAWING TREE #
v1	03 MAR 2009	E0900065	E080191
v2	18 MAY 2010	E1000166	E080191



DRILL AND TAP THRU FOR  
#8-32 UNC -2B X 2.5 DIA  
EMHART HELICOIL  
(P/N 1185-2EN410)



**NOTES AND TOLERANCES: (UNLESS OTHERWISE SPECIFIED)**

DIMENSIONS ARE IN INCHES  
TOLERANCES:  
.XX ± .01  
.XXX ± .005  
ANGULAR ± 0.5°

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 SHALL BE WATER SOLUBLE AND FREE OF SULFUR, CHLORINE AND SILICONE, SUCH AS CINCINNATI MILACRON'S CIMTECH 410.

**MATERIAL**  
304, 316 OR 302 SSSL

**FINISH**  
32 μinch

**LIGO** CALIFORNIA INSTITUTE OF TECHNOLOGY  
MASSACHUSETTS INSTITUTE OF TECHNOLOGY

SYSTEM: **ADVANCED LIGO**      SUB-SYSTEM: **SUS**

NEXT ASSY: **ROTATIONAL ADJUSTER ASSY**

PART NAME			PULL PLATE		REV.
DESIGNER	D. BRIDGES	20 JUL 2010	SIZE	DWG. NO.	v2
DRAFTER	D. BRIDGES	21 JUL 2010	A	D070329	
CHECKER	M. MEYER	22 JUL 2010	SCALE: 1:1	PROJECTION:	
APPROVAL				SHEET 1 OF 1	