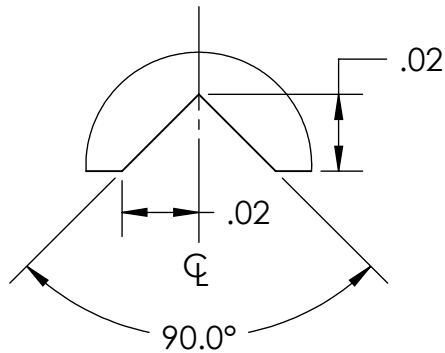


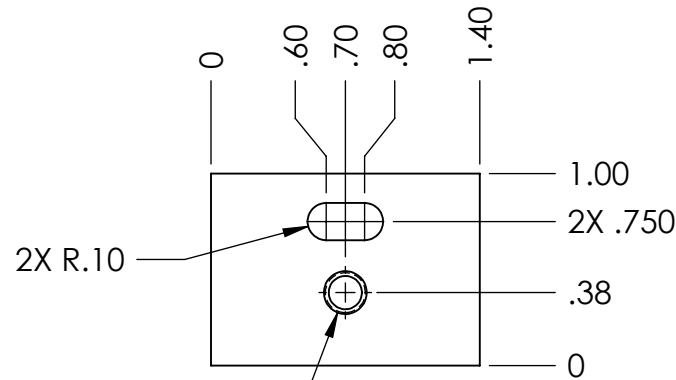
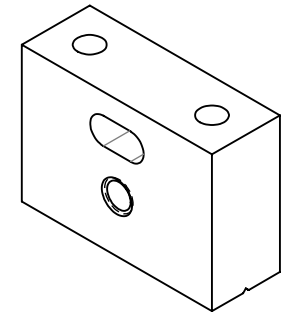
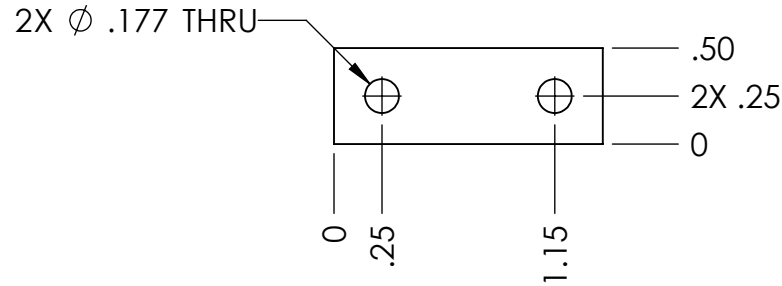
NOTES CONTINUED:

- 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.

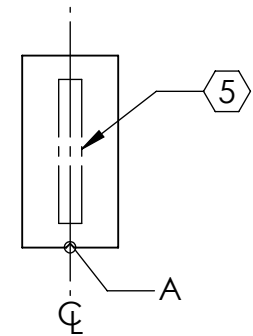
| REV. | DATE | DCN # | DRAWING TREE # |
|------|-------------|----------|----------------|
| v1 | 03 MAR 2009 | E0900065 | E080191 |
| v2 | 18 MAY 2010 | E1000166 | E080191 |
| - | - | - | - |



DETAIL A
SCALE 20 : 1



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



SYSTEM ADVANCED LIGO
SUB-SYSTEM SUS

NEXT ASSY ROTATIONAL ADJUSTER ASSY

| PART NAME | | | PUSH PLATE | | REV. |
|-----------|------------|-------------|------------|--------------|------|
| DESIGNER | D. BRIDGES | 20 JUL 2010 | SIZE | DWG. NO. | v2 |
| DRAFTER | D. BRIDGES | 21 JUL 2010 | A | D070330 | |
| CHECKER | M. MEYER | 22 JUL 2010 | SCALE: 1:1 | PROJECTION: | |
| APPROVAL | | | | SHEET 1 OF 1 | |