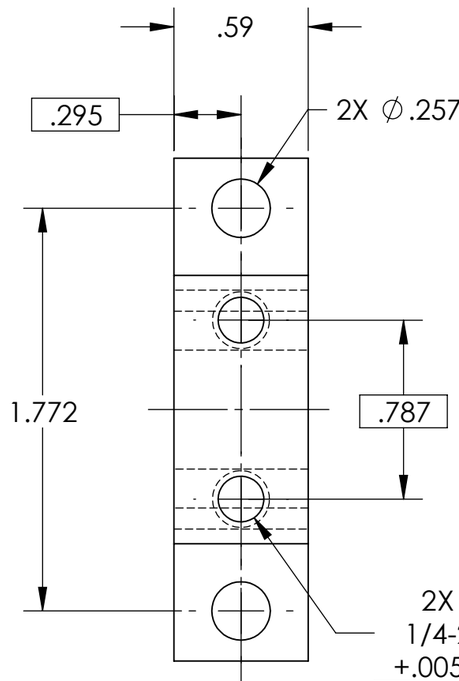
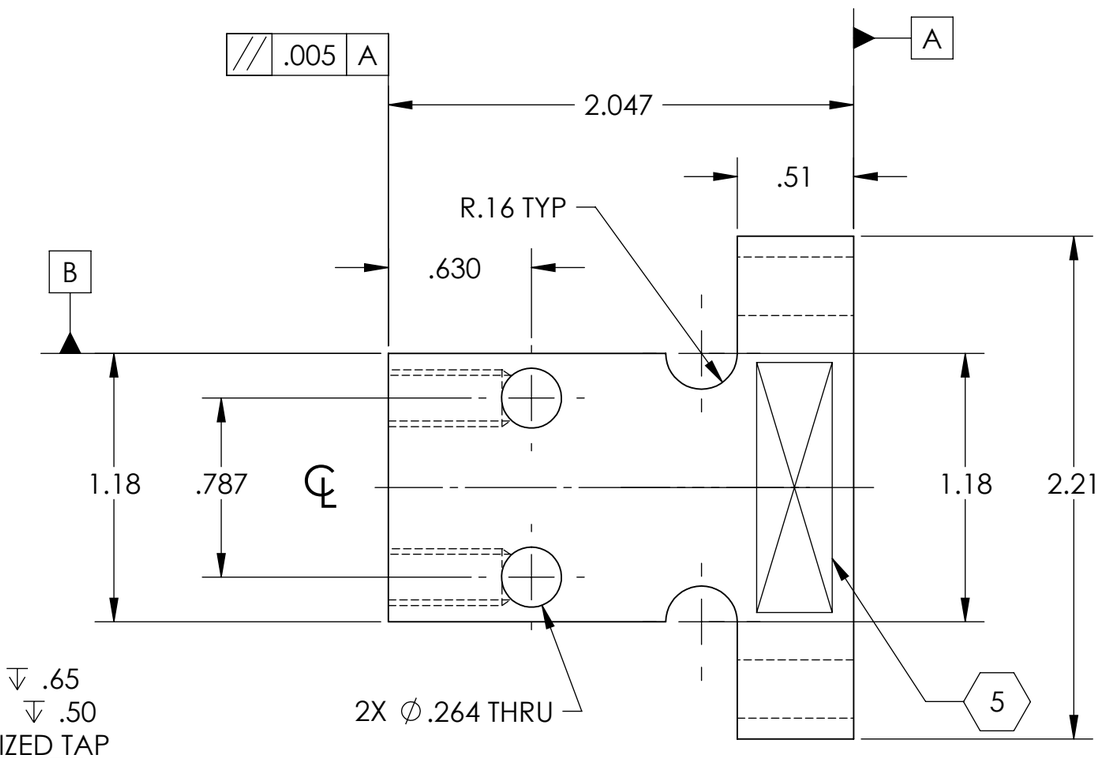
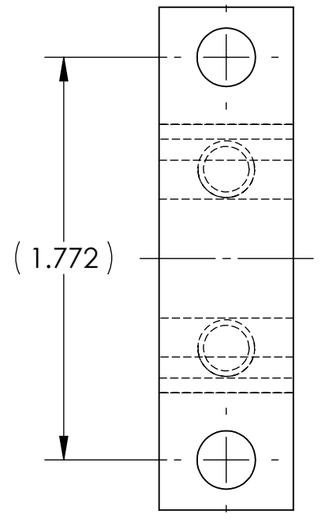
**NOTES CONTINUED:**

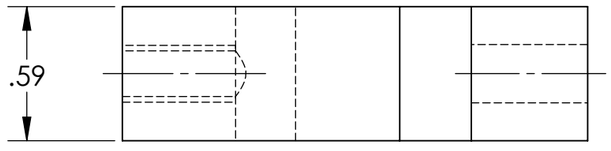
5. SCRIBE, ENGRAVE, OR MECHANICALLY STAMP (NO INKS OR DYES) DRAWING PART NUMBER, REVISION (AND VARIANT OR "TYPE" IF APPLICABLE) ON NOTED SURFACE OF PART FOLLOWED ON THE NEXT LINE WITH A THREE DIGIT SERIAL NUMBER. SERIAL NUMBERS START AT 001 FOR THE FIRST ARTICLE AND PROCEED CONSECUTIVELY. USE MINIMUM 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

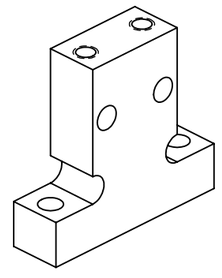
| REV. | DATE | DCN # | DRAWING TREE # |
|---|---|---|---|
| v1 | JUN-29-2010 | E1000234 | |
| | | | |
| | | | |



**ISO VIEW**

3. MACHINE ALL SURFACES TO REMOVE OXIDES AND MILL FINISH, USE OF ABRASIVE TECHNIQUES IS NOT ALLOWED.

2. DO NOT USE SANDPAPER, SCOTCH BRITE OR SIMILAR PRODUCTS.

1. ALL PARTS SHALL BE MANUFACTURED IN ACCORDANCE WITH LIGO SPECIFICATION E0900364

NOTE: WEIGHT 0.45 lbs.

| NOTES AND TOLERANCES: (UNLESS OTHERWISE SPECIFIED) | | | | | | | |
|---|---|---|---|---|---|---|---|
| DIMENSIONS ARE IN<br>TOLERANCES:<br>.XX ± .010<br>.XXX ± .005<br>ANGULAR ± 5° | 1. INTERPRET DRAWING PER ASME Y14.5-1994.<br>2. REMOVE ALL SHARP EDGES, R.02 MIN.<br>3. DO NOT SCALE FROM DRAWING.<br>4. ALL MACHINING FLUIDS MUST BE FULLY SYNTHETIC, FULLY WATER SOLUBLE AND FREE OF SULFUR, SILICONE, AND CHLORINE. | | | LIGO CALIFORNIA INSTITUTE OF TECHNOLOGY MASSACHUSETTS INSTITUTE OF TECHNOLOGY | | PART NAME: aLIGO INTERMEDIATE TOP MASS SPACER | |
| | MATERIAL: S. STL 304 | FINISH: 32 µinch | | SYSTEM: aLIGO AOS | SUB-SYSTEM: TRANSMON | SIZE: B | DWG. NO.: D1000395 REV.: v1 |
| | | | | NEXT ASSY: D1000442 | | DESIGNER: I ROMERO 4/14/10<br>DRAFTER: I ROMERO 4/14/10<br>CHECKER: K MAILAND 4/14/10<br>APPROVAL: KMAILAND 4/14/10 | SCALE: 2:1 PROJECTION: SHEET 1 OF 1 |

D1000395 aLIGO INTERMEDIATE TOP MASS SPACER, PART PDM REV: X-007, DRAWING PDM REV: X-004