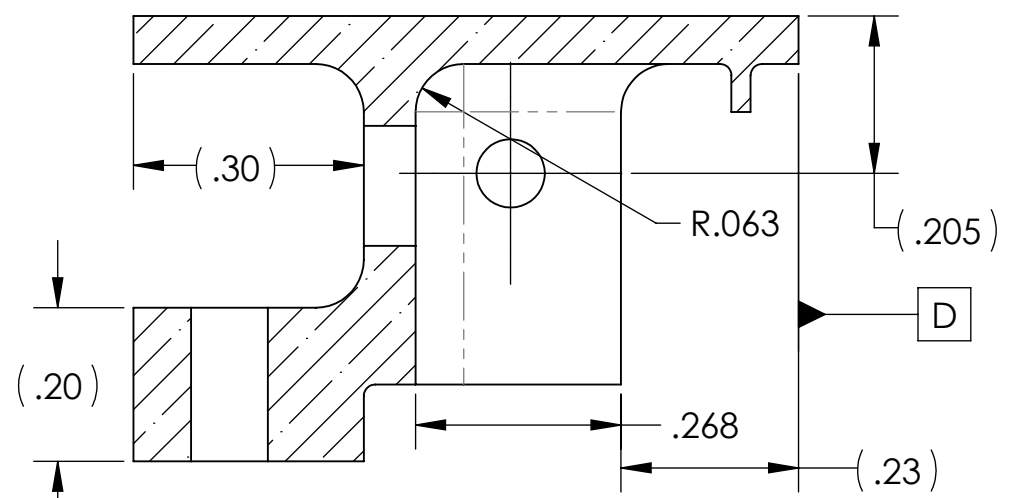


NOTES CONTINUED:

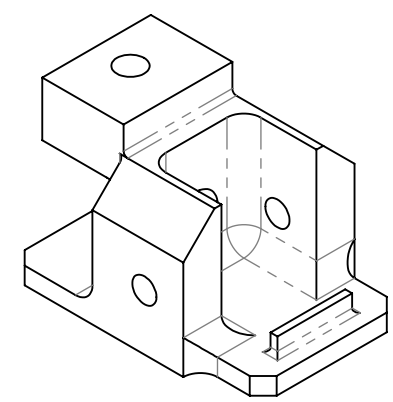
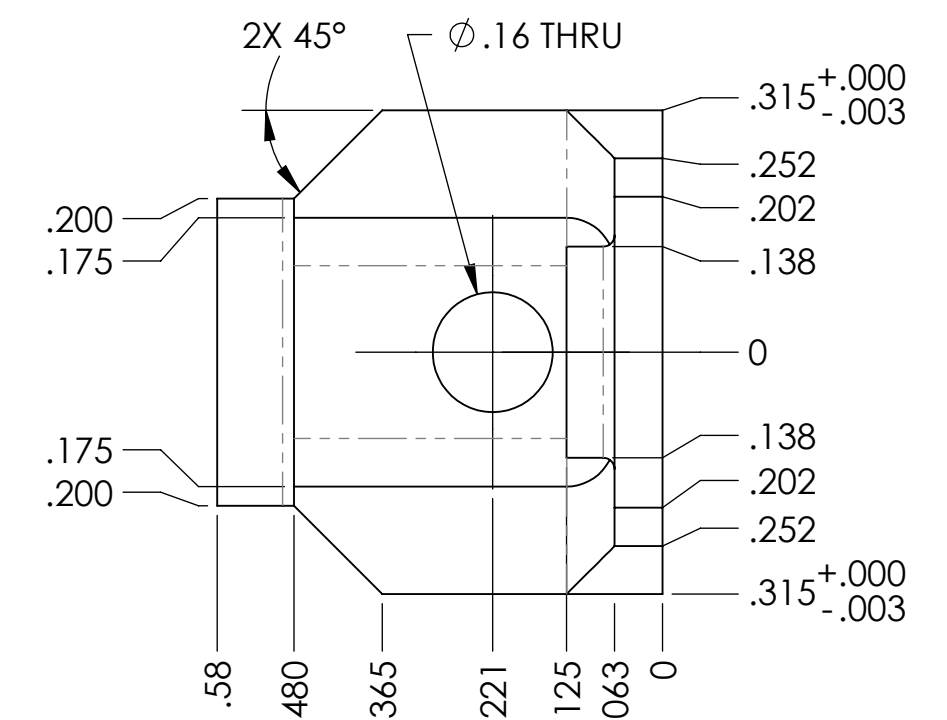
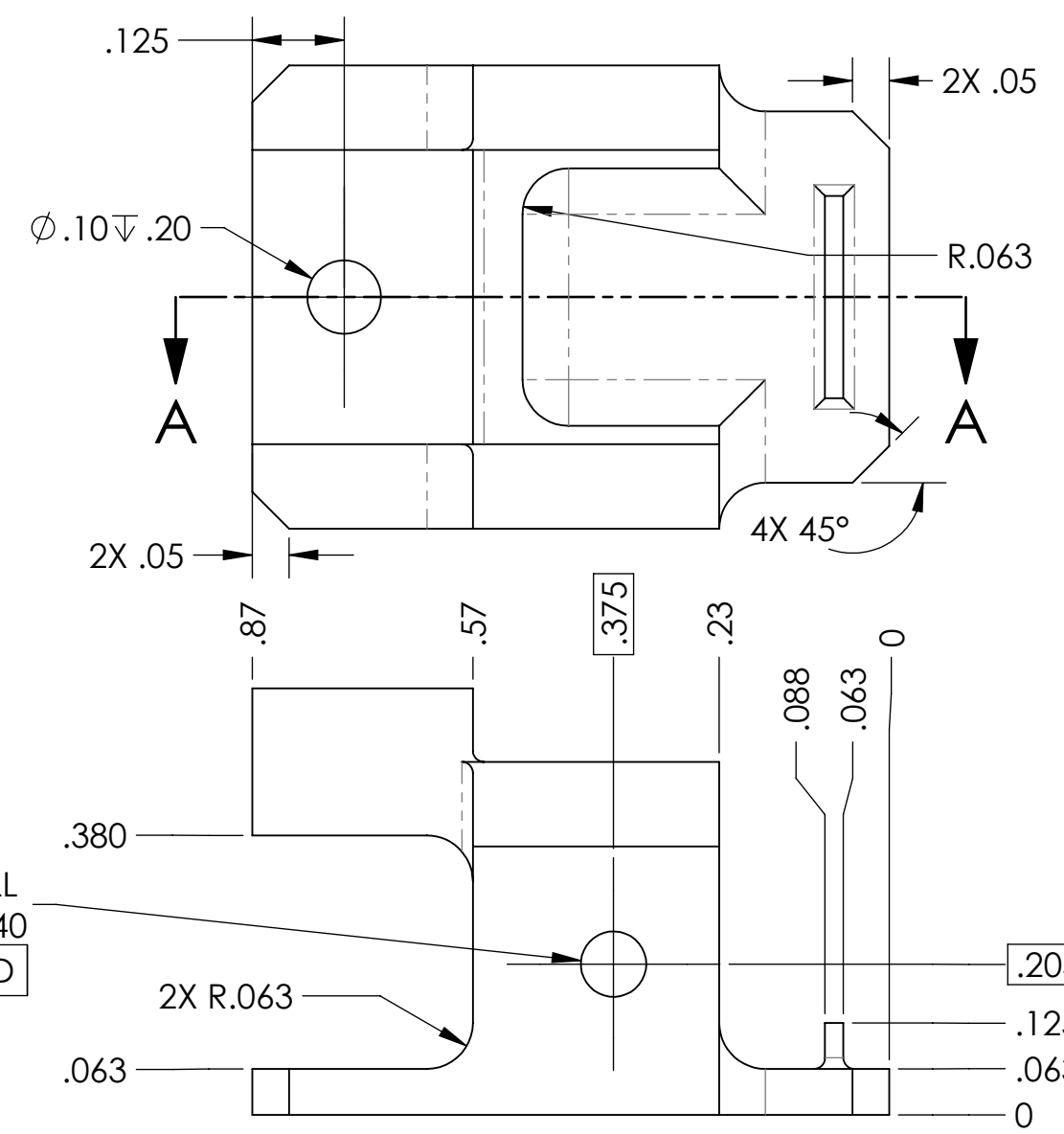
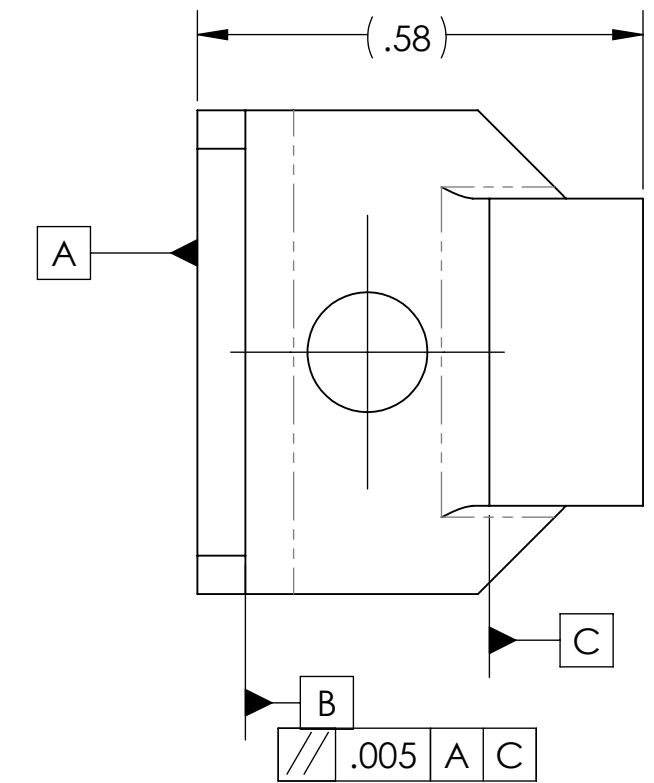
5. SCRIBE, ENGRAVE, LASER MARK OR MECHANICALLY STAMP (NO DYES OR INKS) A UNIQUE THREE DIGIT SERIAL NUMBER & REVISION NUMBER ON EACH PART. SERIAL NUMBERS START AT 001 FOR THE FIRST ARTICLE AND PROCEED CONSECUTIVELY. BAG AND TAG PARTS WITH THEIR DRAWING PART NUMBER, REVISION, VARIANT OR "TYPE" (IF APPLICABLE), AND QUANTITY. IF PARTS ARE TOO SMALL TO SCRIBE, BAGGING AND TAGGING ALONE IS SUFFICIENT.
 EXAMPLE (PART): 001-v1
 EXAMPLE (TAG): DXXXXXX-VY, TYPE-XX, QTY: TBD

- 6. APPROXIMATE WEIGHT = .009 LB
- 7. MACHINE ALL SURFACES TO REMOVE OXIDES AND MILL FINISH. USE OF ABRASIVE REMOVAL TECHNIQUES IS NOT ALLOWED. REFER TO LIGO-E0900364
- 8. ALL PARTS SHALL BE MANUFACTURED IN ACCORDANCE WITH LIGO SPECIFICATION E0900364.
- 9. ALL MATERIAL IS TO BE VIRGIN MATERIAL (i.e. NO WELD REPAIRS, PLUGS OR RECYCLED MATERIAL). NO REPAIRS SHALL BE MADE UNLESS APPROVED IN ADVANCE, AND IN WRITING, BY LIGO LABORATORY. REFER TO LIGO-E0900364.

REV.	DATE	DCN #	DRAWING TREE #
v1	16-APR-13	D1300199-x0	-
v2	19-JUL-13	D1300509-x0	E1300510-v1
-	-	-	-



SECTION A-A



SCALE 2:1

$\phi .089$ THRU ALL
 .005 OVERSIZED TAP 4-40
 $\pm .010$ A D

NOTES AND TOLERANCES: (UNLESS OTHERWISE SPECIFIED)				LIGO CALIFORNIA INSTITUTE OF TECHNOLOGY MASSACHUSETTS INSTITUTE OF TECHNOLOGY		PART NAME	
DIMENSIONS ARE IN INCHES TOLERANCES: .XX ± .01 .XXX ± .005 ANGULAR ± 1.0°				1. INTERPRET DRAWING PER ASME Y14.5-1994. 2. FOR MACHINED PARTS: REMOVE ALL EXTERIOR SHARP EDGES, .005-.015, AND ROUND ALL INTERIOR EDGES WITH FILLET R.015 3. DO NOT SCALE FROM DRAWING. 4. ALL MACHINING FLUIDS MUST BE FULLY SYNTHETIC, FULLY WATER SOLUBLE AND FREE OF SULFUR, SILICONE, AND CHLORINE.		RETAINER, FORMED GLASS TUBE	
MATERIAL MACOR CERAMIC		FINISH 63 μinch		SYSTEM ADVANCED LIGO AOS		SUB-SYSTEM AOS	
NEXT ASSY D1001838, D1001895				DESIGNER M.JACOBSON 09-APR-13		SIZE DWG. NO. B D1300331	
				DRAFTER M.JACOBSON 11-APR-13		REV. v2	
				CHECKER J. LEWIS		SCALE: 4:1 PROJECTION:	
				APPROVAL A. BROOKS 19-JUL-13		SHEET 1 OF 1	

D1300331_RETAINER, FORMED GLASS TUBE, PART PDM REV: X-002, DRAWING PDM REV: X-005