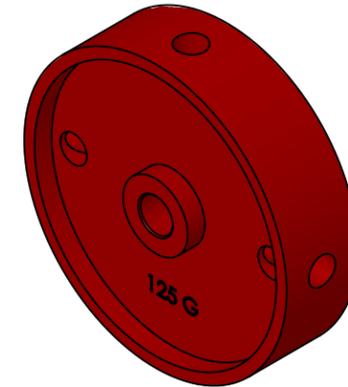


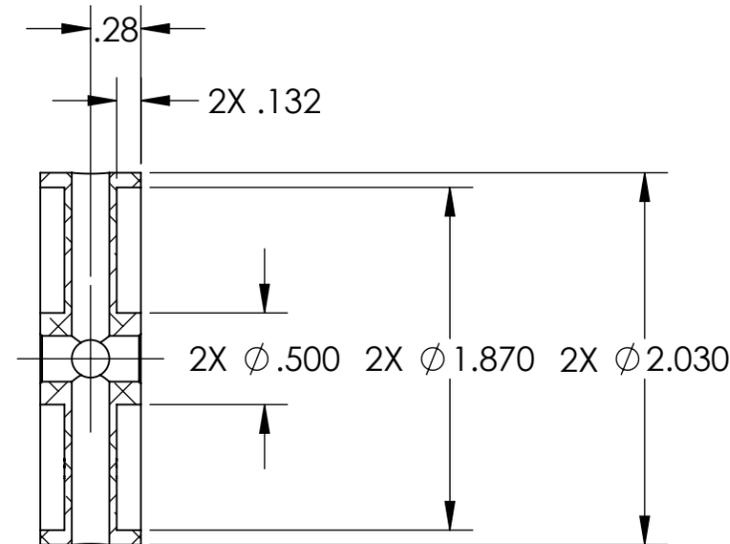
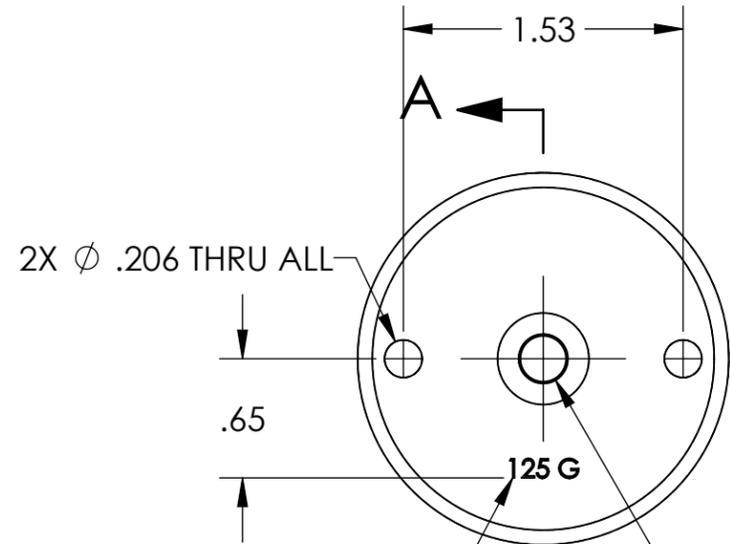
NOTES CONTINUED:

- ⑤ SCRIBE, ENGRAVE (A VIBRATORY TOOL MAY BE USED), LASER MARK 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. EXAMPLE: DXXXXXX-VY, TYPE-XX, S/N XXX
- 6. MASS:
-01: 125 G [0.275 LB]
-02: 250 G [0.550 LB].
- 7. MACHINE ALL SURFACES TO REMOVE OXIDES AND MILL FINISH. USE OF ABRASIVE REMOVAL TECHNIQUES IS NOT ALLOWED.
- 8. ALL PARTS SHALL BE MANUFACTURED IN ACCORDANCE WITH LIGO SPECIFICATION E0900364.
- 9. ALL MATERIAL IS TO BE VIRGIN MATERIAL (i.e. NOT WELD REPAIRS OR PLUGS UNLESS APPROVED IN ADVANCE IN WRITING BY LIGO, REFER TO LIGO-E0900364.
- 10. NO REPAIRS SHALL BE MADE UNLESS APPROVED IN ADVANCE, AND IN WRITING, BY LIGO LABORATORY. IN GENERAL, WELD REPAIRS AND PRESS FIT INSERT REPAIRS ARE NEVER ACCEPTABLE; THE PART SHOULD BE MADE WITH VIRGIN MATERIAL. SPECIAL CIRCUMSTANCES CAN BE REVIEWED IF / WHEN BROUGHT TO THE ATTENTION OF LIGO CONTRACTING OFFICER'S REPRESENTATIVE (COTR) THROUGH A MATERIAL REVIEW BOARD (MRB) PROCESS, REFER TO LIGO-E0900364.
- ⑪ TAPPED HOLES: .005 OVERSIZE BOTH DRILL AND TAP.
- ⑫ SCRIBE, ENGRAVE, LASER MARK, OR MECHANICALLY STAMP (NO INKS OR DYES), "125 G" FOR -01, "250 G" FOR -02, APPROXIMATELY CENTER JUSTIFIED AS SHOWN. CHARACTER HEIGHT 0.10-0.18. NEAR & FAR SIDES.

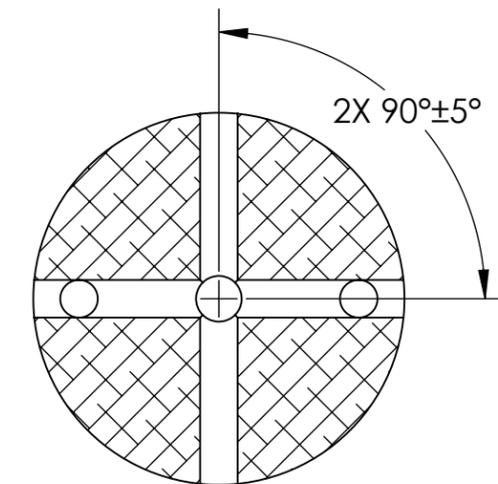
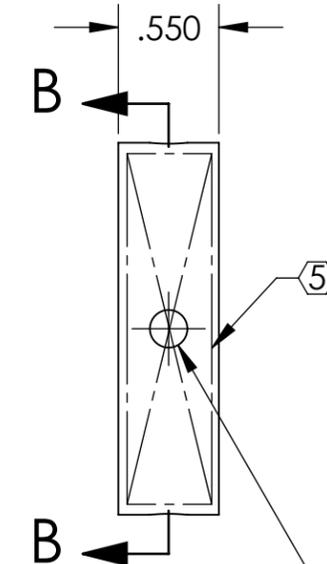
REV.	DATE	DCN #	DRAWING TREE #
v1	19 MAR 2012	E1101214	-
-	-	-	-
-	-	-	-



-01



SECTION A-A



SECTION B-B

⑫ NEAR & FAR SIDES

1/4-20 UNC - 2B, H11, THRU ALL (0.005 OVERSIZE BOTH DRILL & TAP) ⑪ TAP DRILL THRU

✓ Ø .27 X 90°, NEAR & FAR SIDES

D1200431 aLIGO TMS Balance Weight, PART PDM REV: X-007, DRAWING PDM REV: X-005

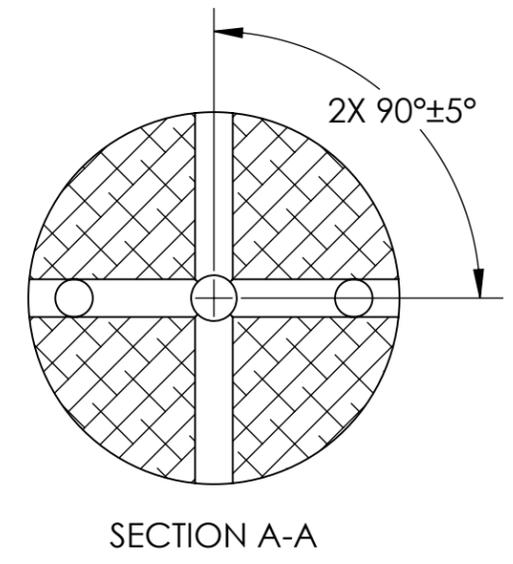
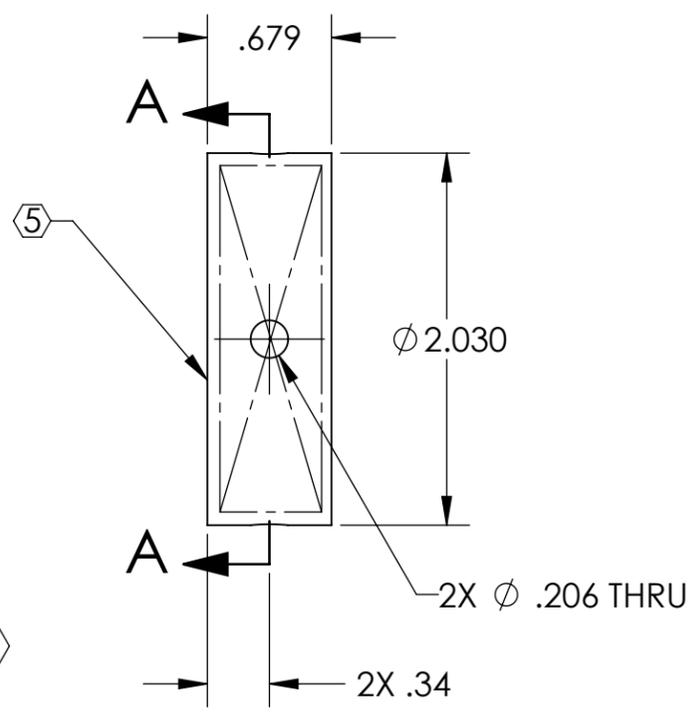
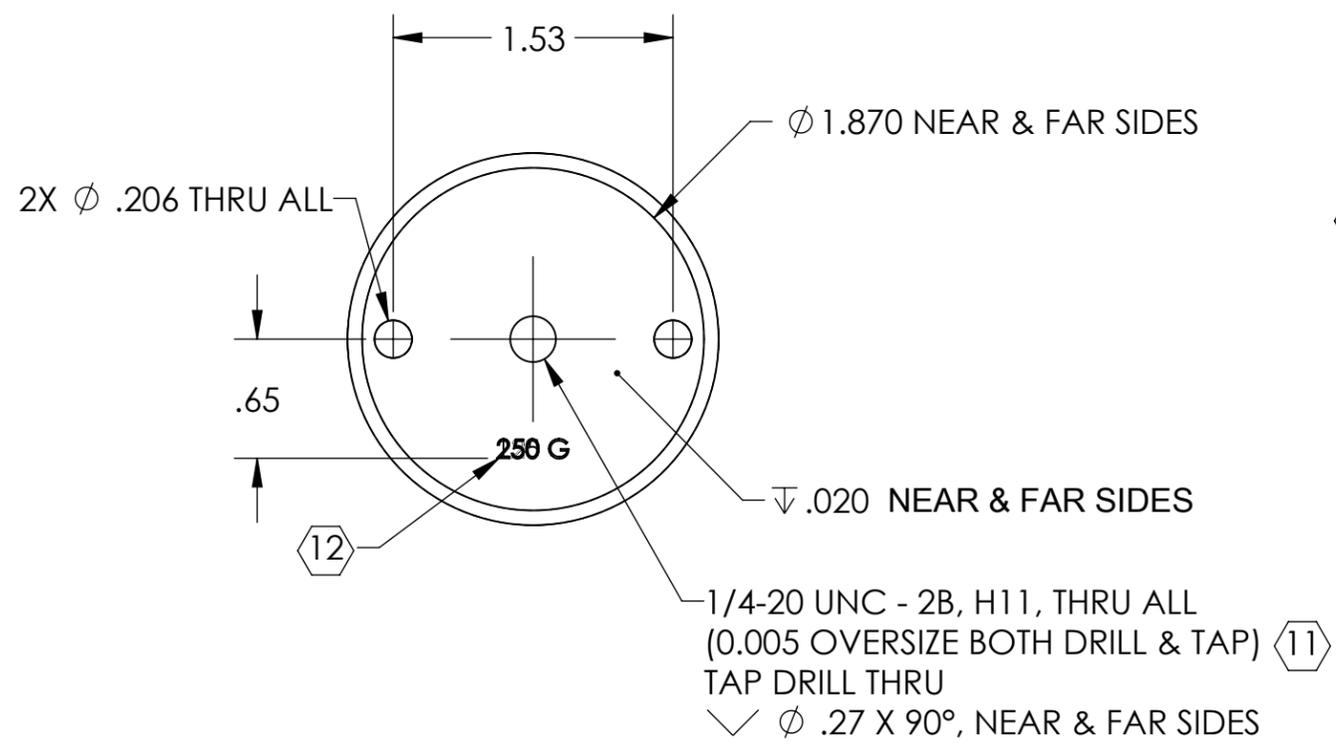
NOTES AND TOLERANCES: (UNLESS OTHERWISE SPECIFIED)				LIGO CALIFORNIA INSTITUTE OF TECHNOLOGY MASSACHUSETTS INSTITUTE OF TECHNOLOGY		PART NAME	
DIMENSIONS ARE IN INCHES				ADVANCED LIGO		aLIGO TMS BALANCE WEIGHT	
TOLERANCES: .XX ± .01 .XXX ± .005				SUB-SYSTEM AOS		DESIGNER C. CONLEY	11 MAR 2012
ANGULAR ± 1.0°				NEXT ASSY VARIOUS		DRAFTER C. CONLEY	19 MAR 2012
MATERIAL 304 SSSL				FINISH 63 µinch Ra		CHECKER SEE DCN	SIZE DWG. NO. B
						APPROVAL SEE DCN	D1200431
							REV. v1
						SCALE: NONE	PROJECTION:
							SHEET 1 OF 2

D1200431 aLIGO TMS Balance Weight, PART PDM REV: X-007, DRAWING PDM REV: X-005

8 7 6 5 4 3 2 1

D
C
B
A

D
C
B
A



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SIZE	DWG. NO.	REV.
B	D1200431	v1
SCALE: NONE PROJECTION:		SHEET 2 OF 2

8 7 6 5 4 3 2 1