

8 7 6 5 4 3 2 1

NOTES CONTINUED:

④ 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: DXXXXXXX-VY, TYPE-XX, S/N XXX

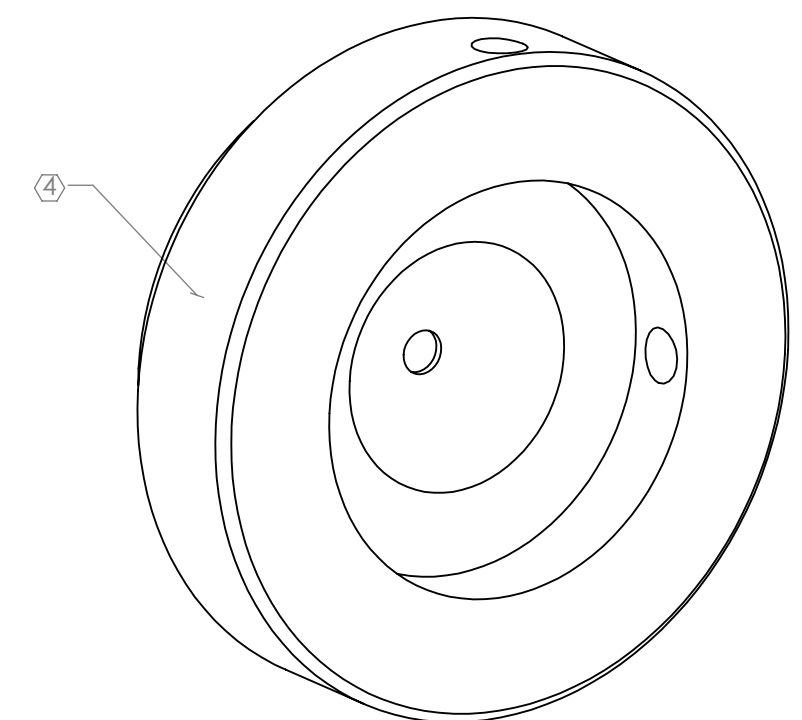
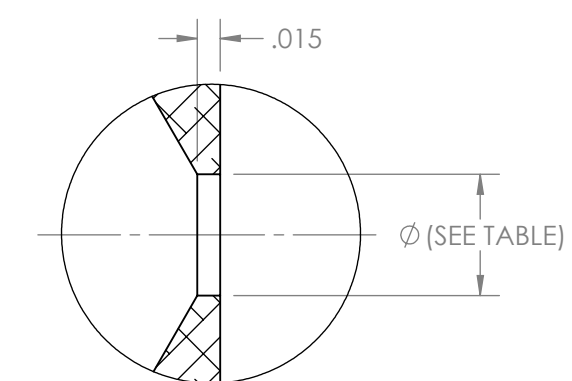
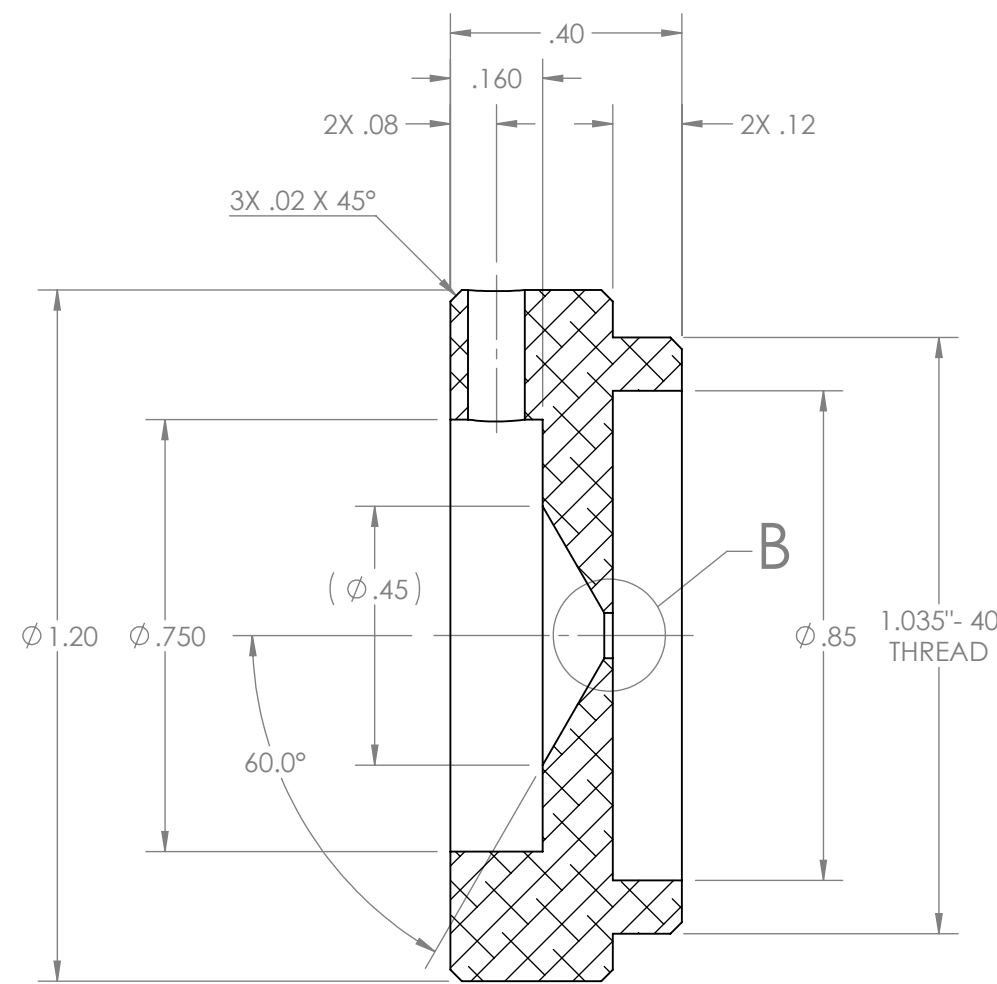
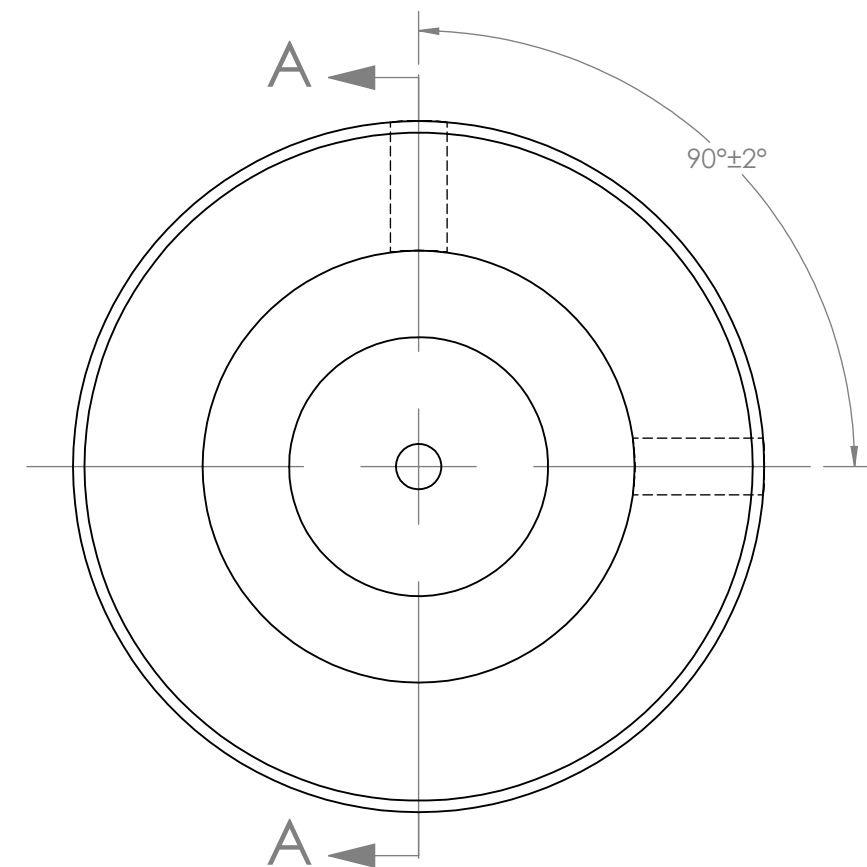
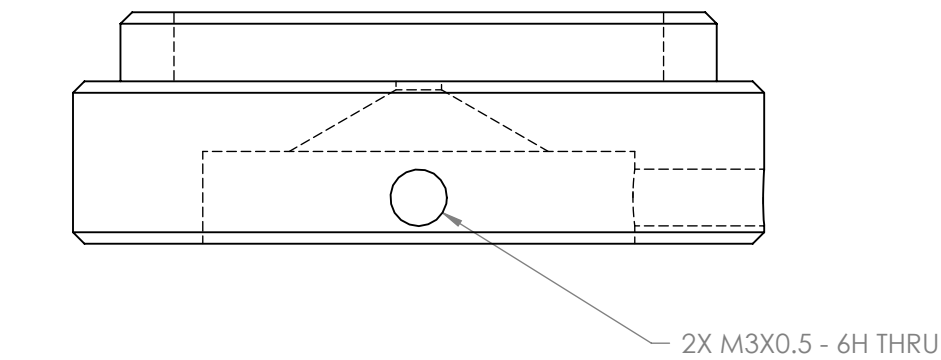
5. WEIGHT: 0.026 LB [12 G].

⑥ TUMBLE OR VIBRATORY DEBURR-FINISH. 63 μINCH Ra MAX FINAL ROUGHNESS, ALL SURFACES, BEFORE ANODIZING.

⑦ BLACK ANODIZE PER MIL-A-8625F, TYPE II, CLASS 2.

REV.	DATE	DCN #	DRAWING TREE #
v1	16 APR 2013	-	-
v2	12 FEB 2015	-	-
-	-	-	-

TABLE FOR DETAIL B CENTER HOLE DIM	
TYPE	DIMENSION
	0.079
	0.136



SECTION A-A

DETAIL B

D1300292 aLIGO Pcal Integrating Sphere Adapter, PART PDM REV: X-005, DRAWING PDM REV: X-004

NOTES AND TOLERANCES: (UNLESS OTHERWISE SPECIFIED)				CALIFORNIA INSTITUTE OF TECHNOLOGY MASSACHUSETTS INSTITUTE OF TECHNOLOGY		PART NAME	
DIMENSIONS ARE IN INCHES				LIGO		aLIGO PCAL INTEGRATING SPHERE ADAPTER	
TOLERANCES: .XX ± .01 .XXX ± .005				ADVANCED LIGO		AOS	
ANGULAR ± 0.5°				MATERIAL 6061-T6 Al		FINISH ⑥⑦	
1. INTERPRET DRAWING PER ASME Y14.5-1994. 2. REMOVE ALL SHARP EDGES, .005-.015, FOR MACHINED PARTS. ROUND ALL EDGES APPROXIMATELY R.02 FOR SHEET METAL PARTS. 3. DO NOT SCALE FROM DRAWING. 4. ALL MACHINING FLUIDS MUST BE FULLY SYNTHETIC, FULLY WATER SOLUBLE AND FREE OF SULFUR, SILICONE, AND CHLORINE.				NEXT ASSY N/A		DESIGNER R. SAVAGE 16 APR 2013	
						DRAFTER R. SAVAGE 16 APR 2013	
						CHECKER	
						APPROVAL	
						SIZE DWG. NO. B D1300292	
						REV. v2	
						SCALE: NONE PROJECTION: 1st ANGLE SHEET 1 OF 1	

8 7 6 5 4 3 2 1