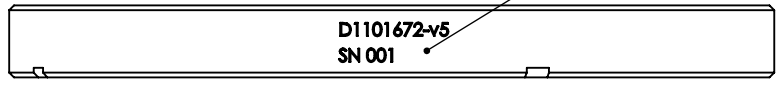


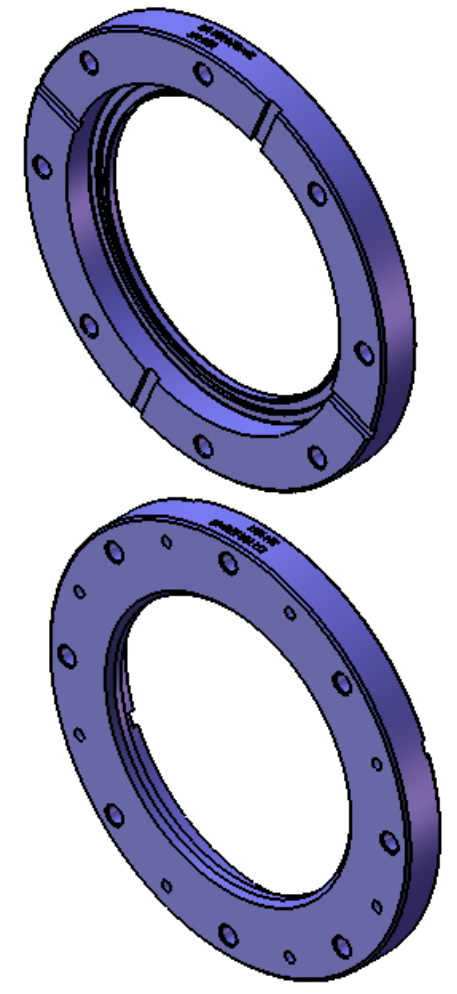
NOTES CONTINUED:
 5. SCRIBE, ENGRAVE (A VIBRATORY TOOL MAY BE USED), LASER MARK OR MECHANICALLY STAMP (NO INKS OR DYES) DRAWING PART NUMBER, REVISION (AND VARIANT OR "TYPE" IF APPLICABLE) ON NOTED SURFACE OF PART FOLLOWED ON THE NEXT LINE WITH A THREE DIGIT SERIAL NUMBER. SERIAL NUMBERS START AT 001 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

REV.	DATE	DCN #	DRAWING TREE #
-	-	E1100478-v4	-
v5	14 NOV 2011	E1100478-V4	-
-	-	-	-

MARK PART AND SERIAL NUMBERS ON THIS SURFACE, APPROXIMATELY LOCATED AS SHOWN



BOTTOM TAP FOR 1/4-20 .5 INCH DEEP 8 EQUALLY SPACED ALONG 7.13 DIA



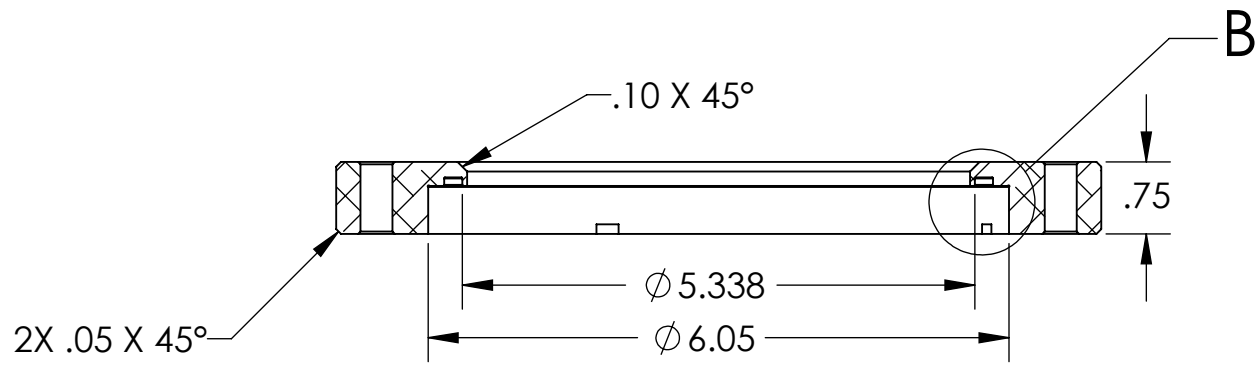
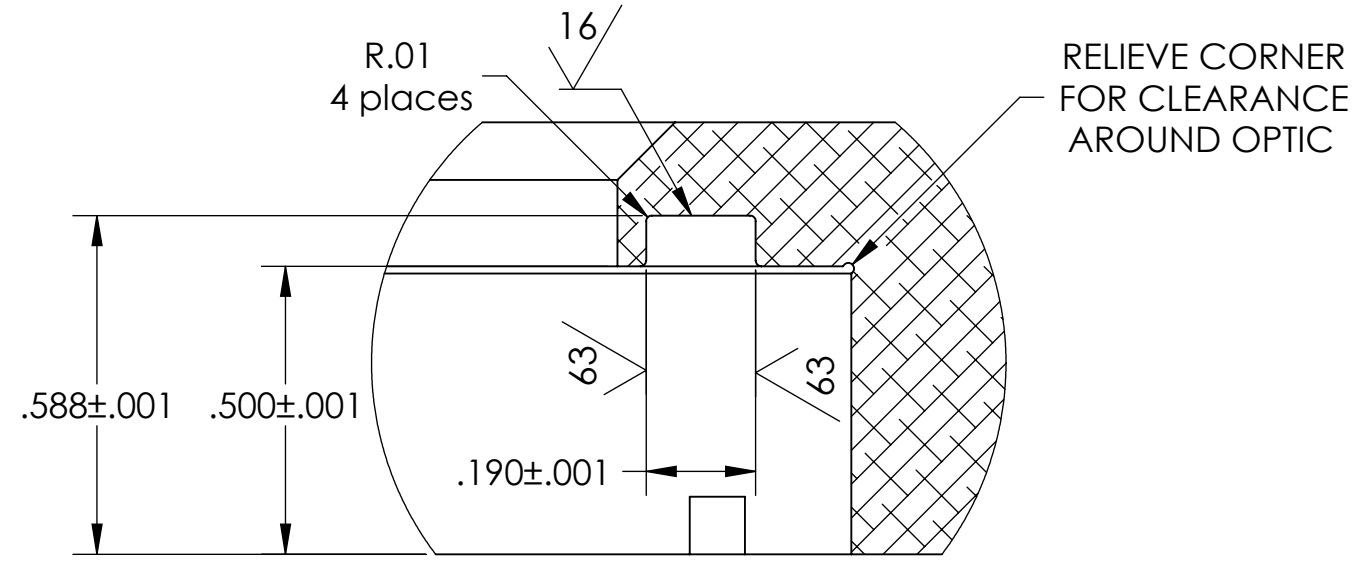
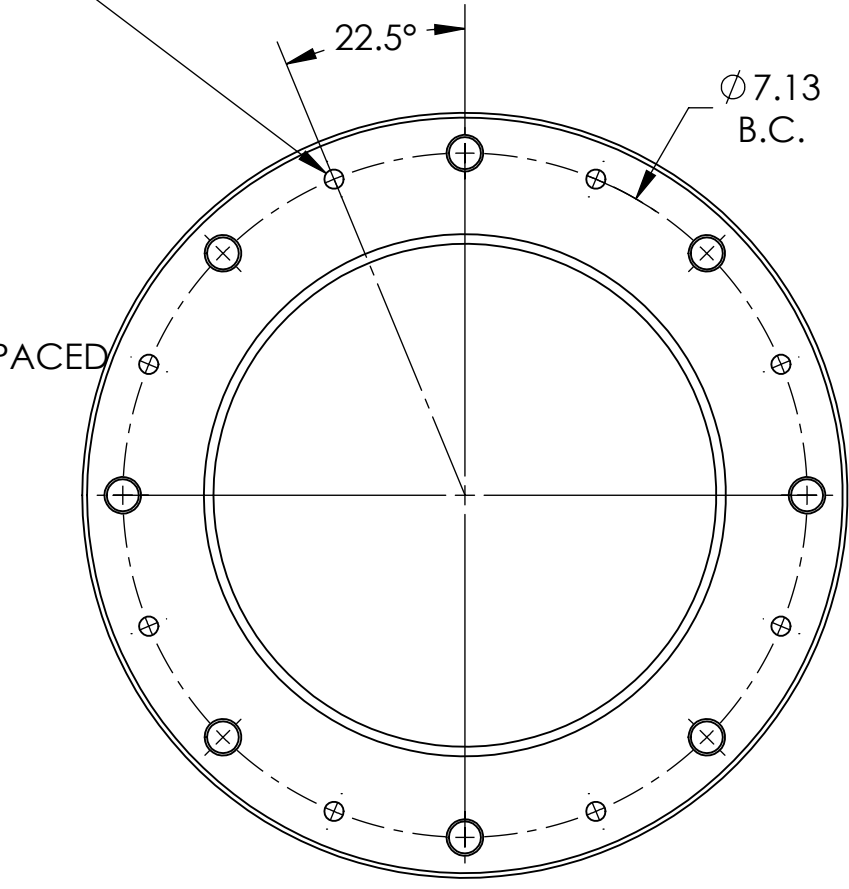
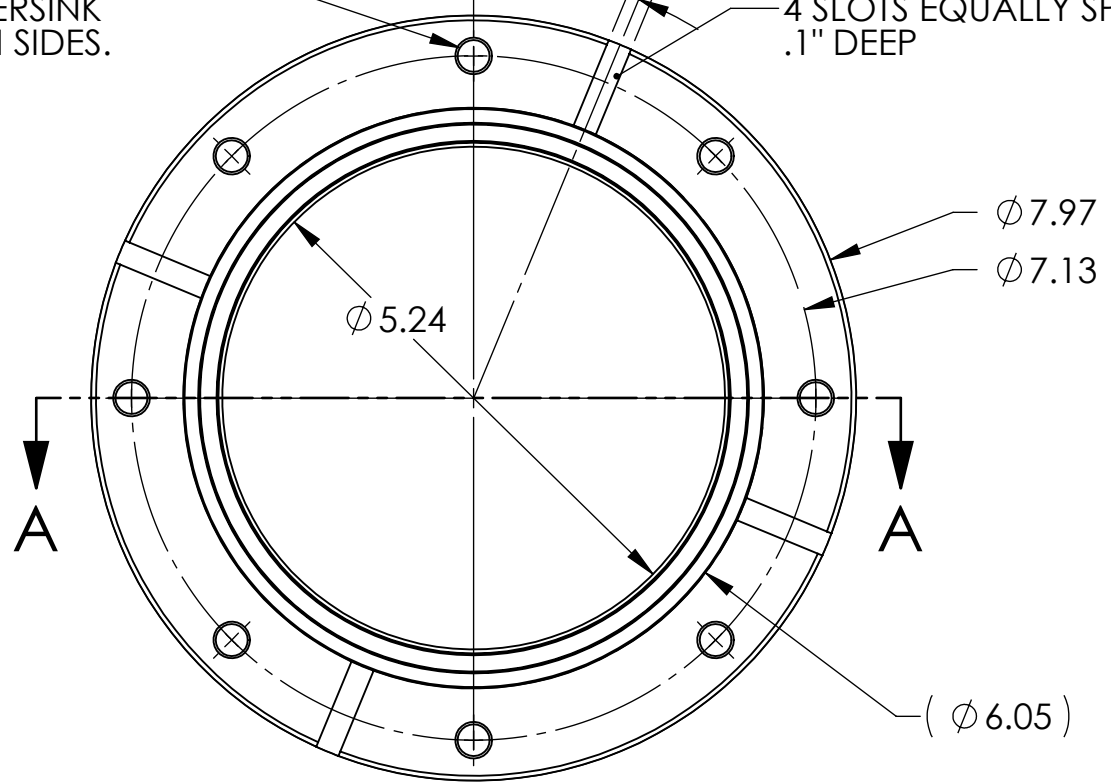
- D
- 6. APPROXIMATE WEIGHT = X.XXX LB.
 - 7. MACHINE ALL SURFACES TO REMOVE OXIDES AND MILL FINISH, USE OF ABRASIVE REMOVAL TECHNIQUES IS NOT ALLOWED. REFER TO LIGO-E0900364
 - 8. ALL PARTS SHALL BE MANUFACTURED IN ACCORDANCE WITH LIGO SPECIFICATION E0900364 OR VACUUM EQUIPMENT MANUFACTURER'S SPECIFICATION IF APPROVED BY LIGO.

.332" DIA THRU HOLE 8 EQUALLY SPACED ALONG 7.13 B.C. WITH 90 DEG .38 COUNTERSINK BOTH SIDES.

4 X .25

22.5°

4 SLOTS EQUALLY SPACED .1" DEEP



SECTION A-A

DETAIL B SCALE 3:1

D1101672 ALIGO HIGH POWER NON WEDGED 6IN COVERGLASS CLAMP, PART PDM REV: X-006, DRAWING PDM REV: X-010

NOTES AND TOLERANCES: (UNLESS OTHERWISE SPECIFIED)

DIMENSIONS ARE IN INCHES

TOLERANCES:
 .XX ± .03
 .XXX ± .010
 ANGULAR ± 1.0°

MATERIAL: 6061 Alloy

FINISH: 63 μinch

CALIFORNIA INSTITUTE OF TECHNOLOGY MASSACHUSETTS INSTITUTE OF TECHNOLOGY		PART NAME HIGH POWER VIEWPORT COVERGLASS CLAMP	
SYSTEM ADVANCED LIGO	SUB-SYSTEM 100	DESIGNER J. GLEASON	DATE 8 AUG 2011
NEXT ASSY D1101671	CHECKER J. GLEASON	SIZE B	DWG. NO. D1101672
		SCALE: 1:2	PROJECTION:
		SHEET 1 OF 1	