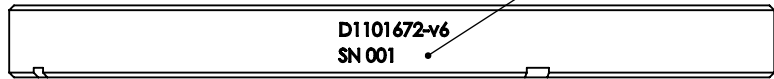


**NOTES CONTINUED:**  
 5. SCRIBE, ENGRAVE (A VIBRATORY TOOL MAY BE USED), LASER MARK OR MECHANICALLY STAMP (NO INKS OR DYES) DRAWING PART NUMBER, REVISION (AND VARIANT OR "TYPE" IF APPLICABLE) ON NOTED SURFACE OF PART FOLLOWED ON THE NEXT LINE WITH A THREE DIGIT SERIAL NUMBER. SERIAL NUMBERS START AT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

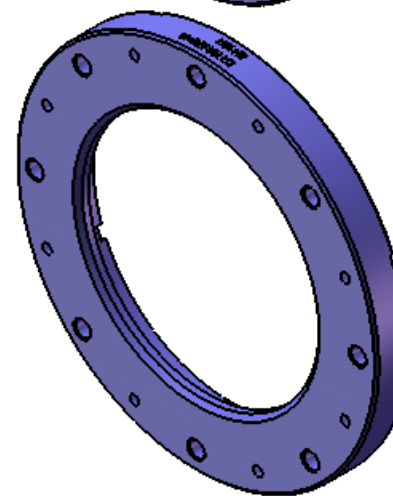
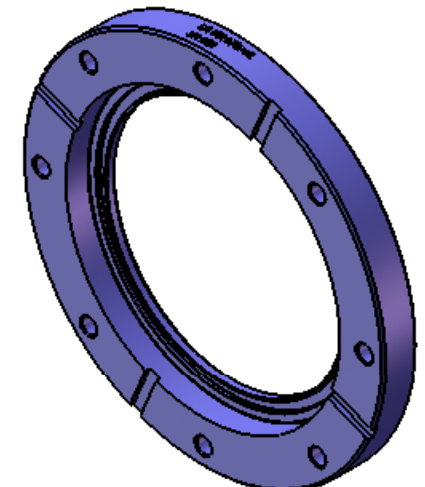
MARK PART AND SERIAL NUMBERS ON THIS SURFACE, APPROXIMATELY LOCATED AS SHOWN

REV.	DATE	DCN #	DRAWING TREE #
-	-	E1100478-v4	-
v5	14 NOV 2011	E1100478-V4	-
v6	21 JUN 2012	-	-

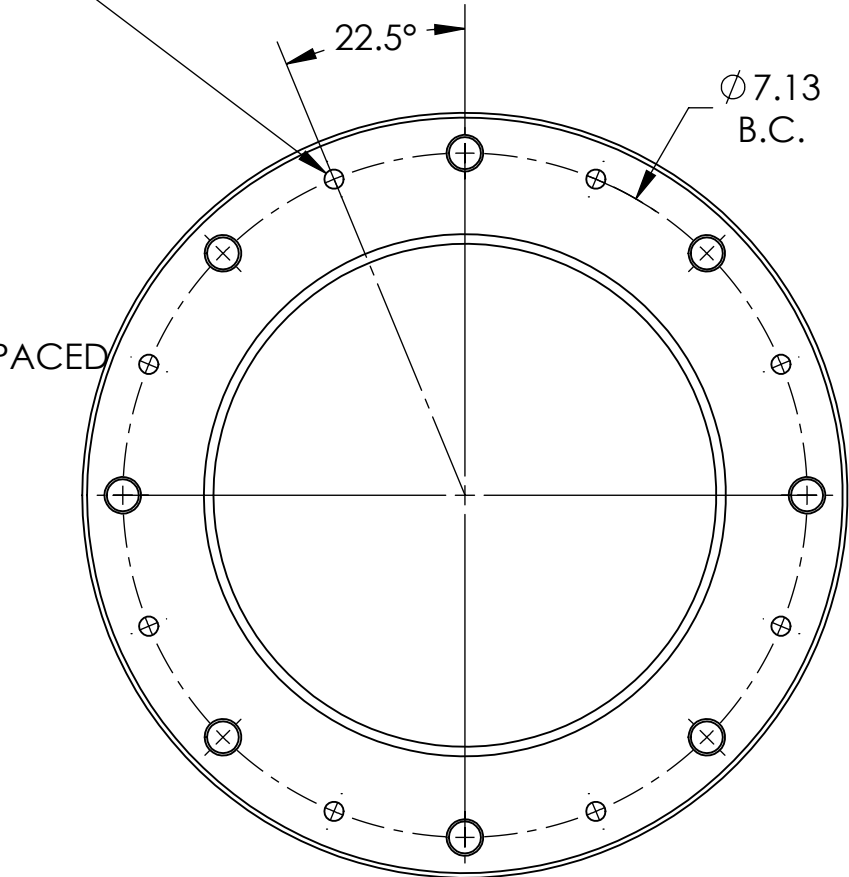
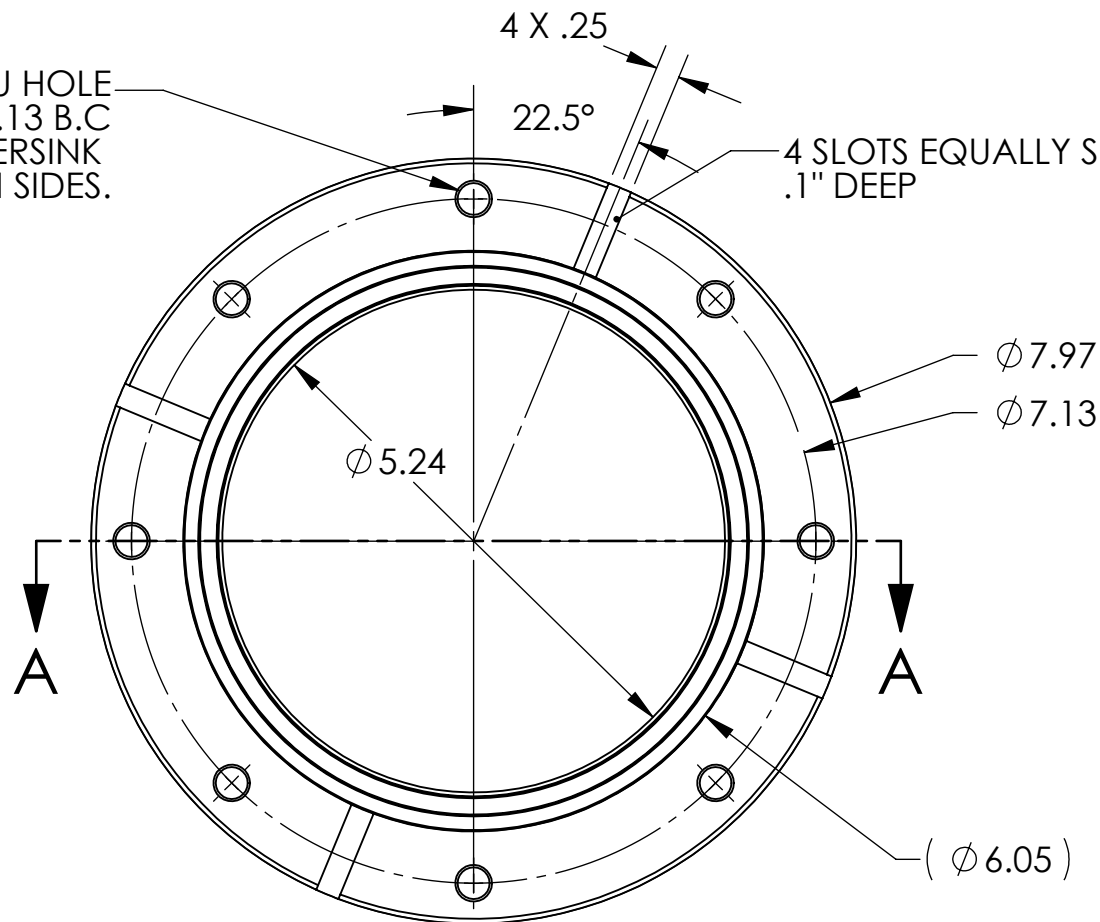
- D 6. APPROXIMATE WEIGHT = X.XXX LB.  
 7. MACHINE ALL SURFACES TO REMOVE OXIDES AND MILL FINISH, USE OF ABRASIVE REMOVAL TECHNIQUES IS NOT ALLOWED. REFER TO LIGO-E0900364  
 8. ALL PARTS SHALL BE MANUFACTURED IN ACCORDANCE WITH LIGO SPECIFICATION E0900364 OR VACUUM EQUIPMENT MANUFACTURER'S SPECIFICATION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



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

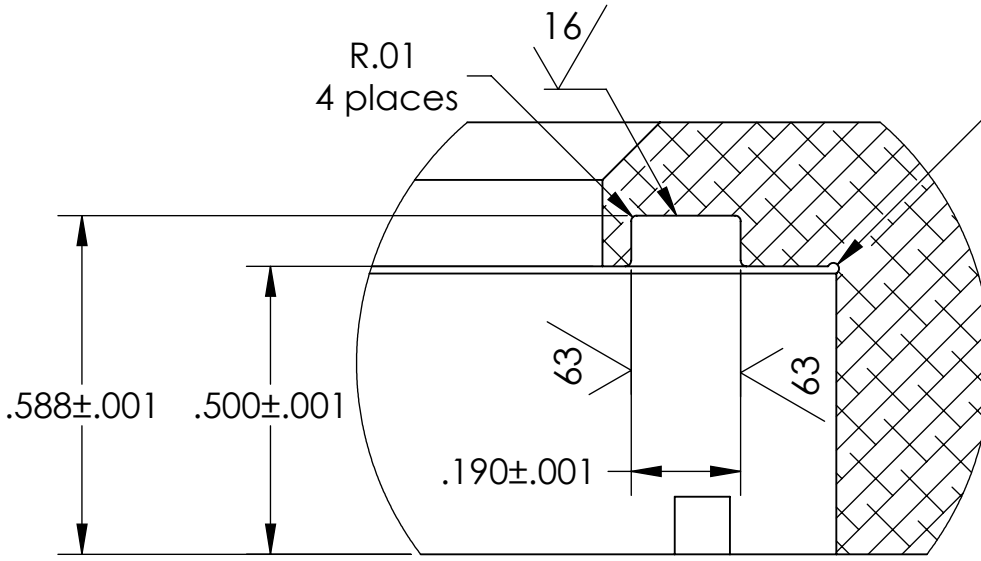


4 X .25  
 22.5°  
 .332" DIA THRU HOLE  
 8 EQUALLY SPACED ALONG 7.13 B.C.  
 WITH 90 DEG .38 COUNTERSINK  
 BOTH SIDES.  
 4 SLOTS EQUALLY SPACED  
 .1" DEEP

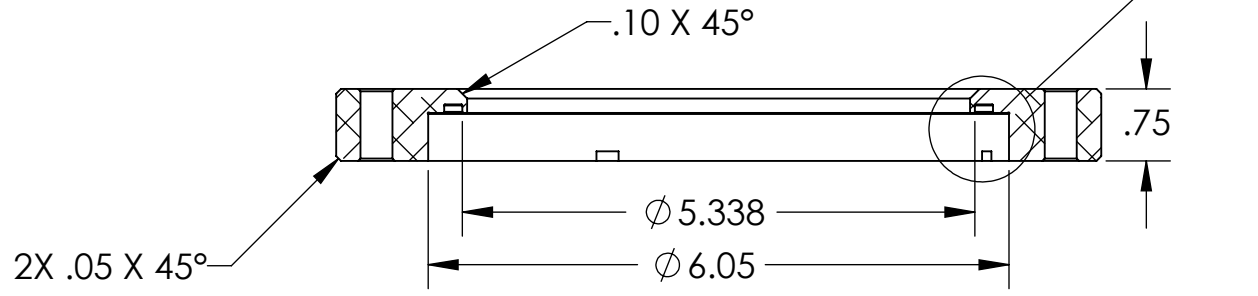


R.01  
 4 places

RELIEVE CORNER FOR CLEARANCE AROUND OPTIC



DETAIL B  
 SCALE 3 : 1



SECTION A-A

NOTES AND TOLERANCES: (UNLESS OTHERWISE SPECIFIED)				LIGO CALIFORNIA INSTITUTE OF TECHNOLOGY MASSACHUSETTS INSTITUTE OF TECHNOLOGY		PART NAME	
DIMENSIONS ARE IN INCHES TOLERANCES: .XX ± .03 .XXX ± .010 ANGULAR ± 1.0°				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.		HIGH POWER VIEWPORT COVERGLASS CLAMP	
MATERIAL 6061 Alloy		FINISH 63 μinch		SYSTEM ADVANCED LIGO		SUB-SYSTEM 100	
NEXT ASSY D1101670, D1200137				DESIGNER J. GLEASON		8 AUG 2011	
				DRAFTER J. GLEASON		SIZE DWG. NO. B D1101672	
				CHECKER APPROVAL		REV. v6	
				SCALE: 1:2		PROJECTION:	
						SHEET 1 OF 1	

D1101672 ALIGO HIGH POWER NON WEDGED 6IN COVERGLASS CLAMP, PART PDM REV: X-008, DRAWING PDM REV: X-012