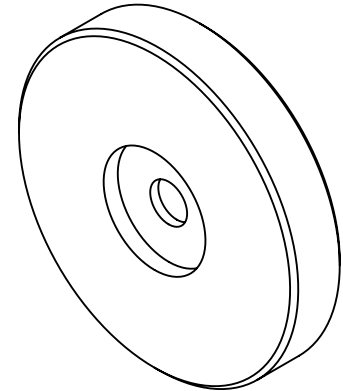


NOTES CONTINUED:
 5. SCRIBE, ENGRAVE (A VIBRATORY TOOL MAY BE USED), LASER MARK OR MECHANICALLY STAMP (NO INKS OR DYES) DRAWING PART NUMBER, REVISION (AND VARIANT OR "TYPE" IF APPLICABLE) ON NOTED SURFACE OF PART FOLLOWED ON THE NEXT LINE WITH A THREE DIGIT SERIAL NUMBER. SERIAL NUMBERS START AT 001 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 #
v1	27 AUG 2014	E1400354-x0	-
v4	23 OCT 2015	E1500419-x0	-
v5	08 JAN 2016	E1600014-x0	-

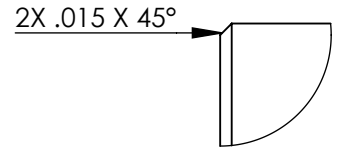
- 6. APPROXIMATE WEIGHT = 18g
- 7. MACHINE ALL SURFACES TO REMOVE OXIDES AND MILL FINISH. USE OF ABRASIVE REMOVAL TECHNIQUES IS NOT ALLOWED. REFER TO LIGO-E0900364
- 8. ALL PARTS SHALL BE MANUFACTURED IN ACCORDANCE WITH LIGO SPECIFICATION E0900364.
- 9. ALL MATERIAL IS TO BE VIRGIN MATERIAL (i.e. NO 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.



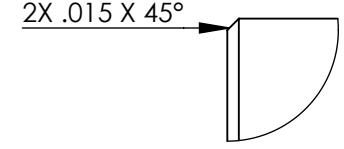
ISO VIEW

-1 DETAIL

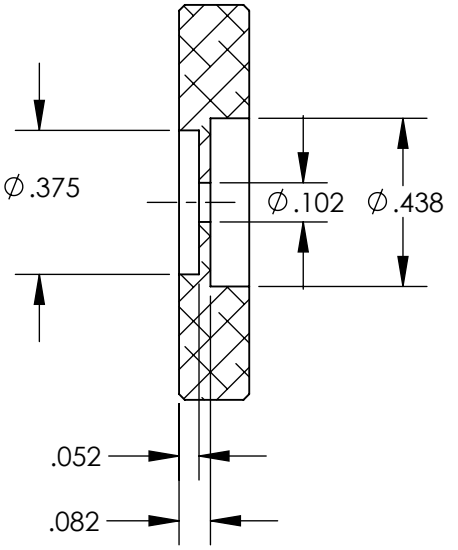
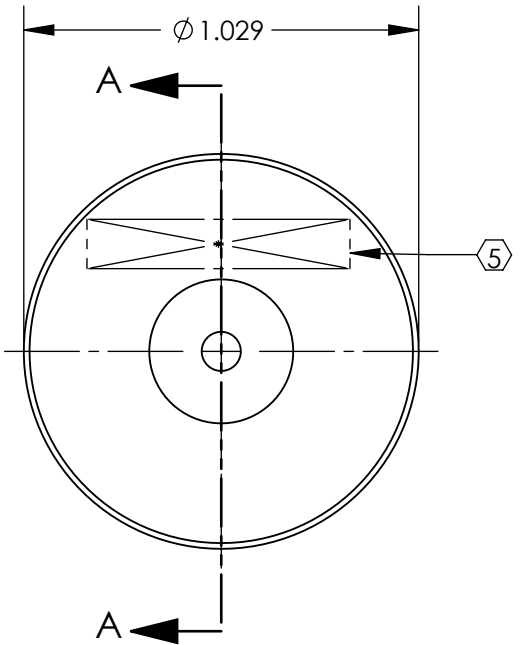
-2 DETAIL



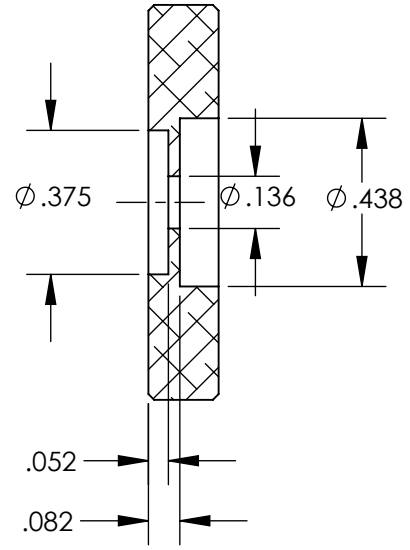
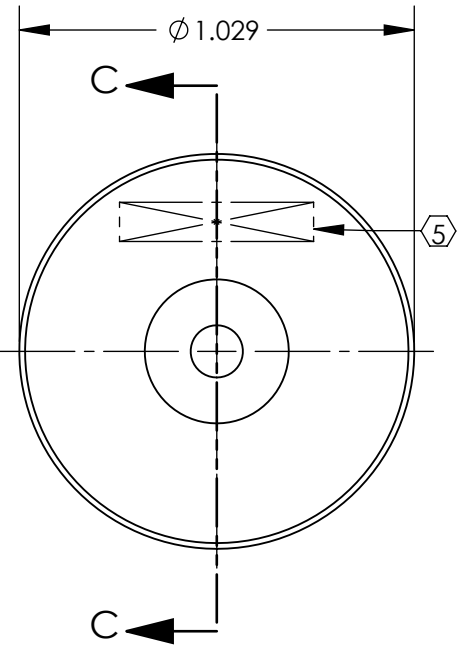
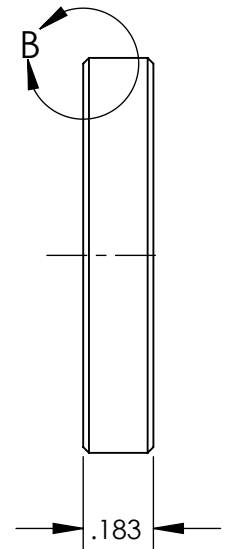
DETAIL B
SCALE 4 : 1



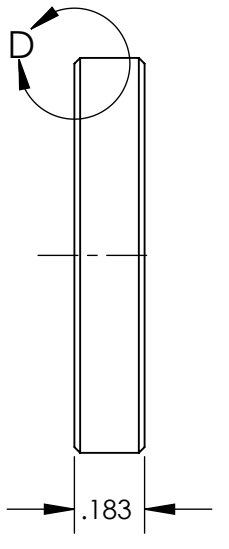
DETAIL D
SCALE 4 : 1



SECTION A-A



SECTION C-C



D1400296 aLIGO, SUS, NON-MAGNETIC BLADE DAMPER ASSY., 7.5g MASS, PART PDM REV: X-019, DRAWING PDM REV: X-014

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 ± 0.5°				1. INTERPRET DRAWING PER ASME Y14.5-1994. 2. REMOVE ALL SHARP EDGES, .005-.015, FOR MACHINED 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.		aLIGO, SUS, NON-MAGNETIC BLADE DAMPER ASSY., 17g MASS	
MATERIAL		FINISH		SYSTEM		SUB-SYSTEM	
316 SSSL		63 μinch		ADVANCED LIGO		SUS	
NEXT ASSY				DESIGNER		DATE	
D1400298				E.SANCHEZ		19 AUG 2014	
				DRAFTER		DATE	
				E.SANCHEZ		27 AUG 2014	
				CHECKER		SEE DCC	
				APPROVAL		SEE DCC	
				SIZE		DWG. NO.	
				B		D1400296	
				REV.		v5	
				SCALE: 2:1		PROJECTION:	
				FIRST ANGLE		SHEET 1 OF 1	