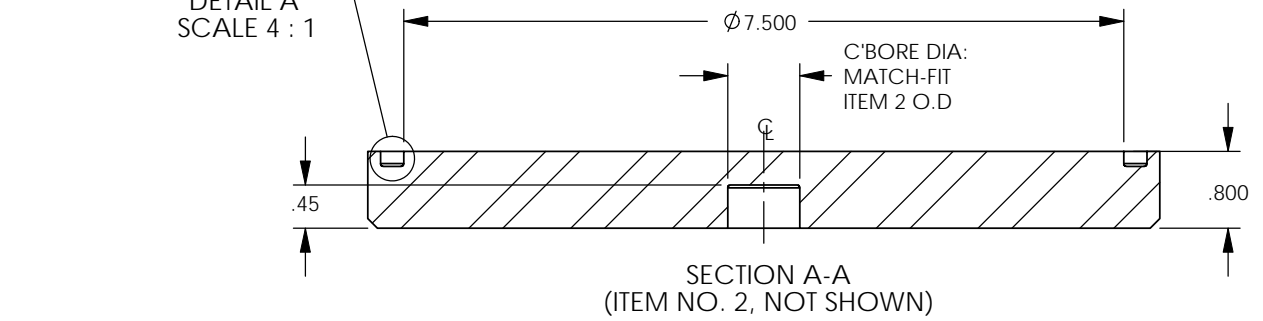
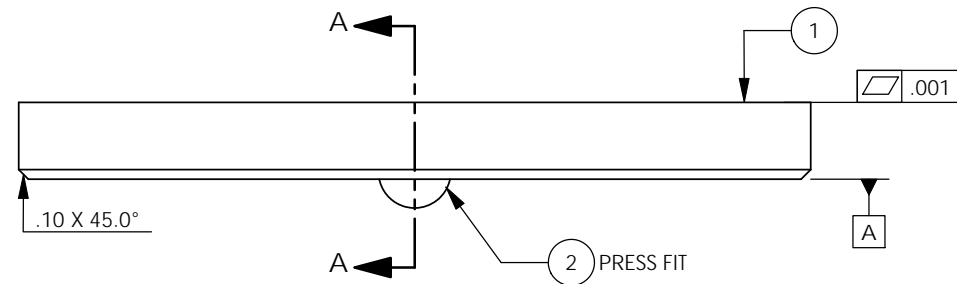
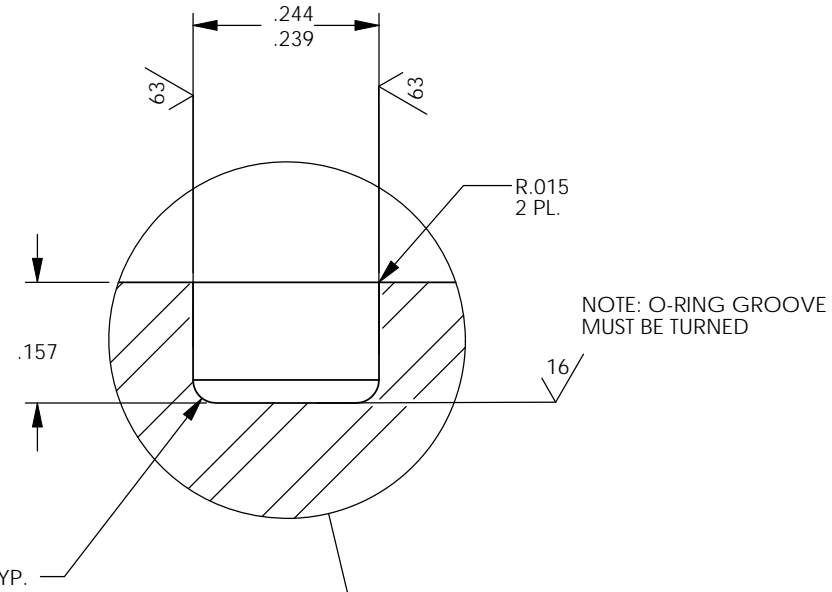
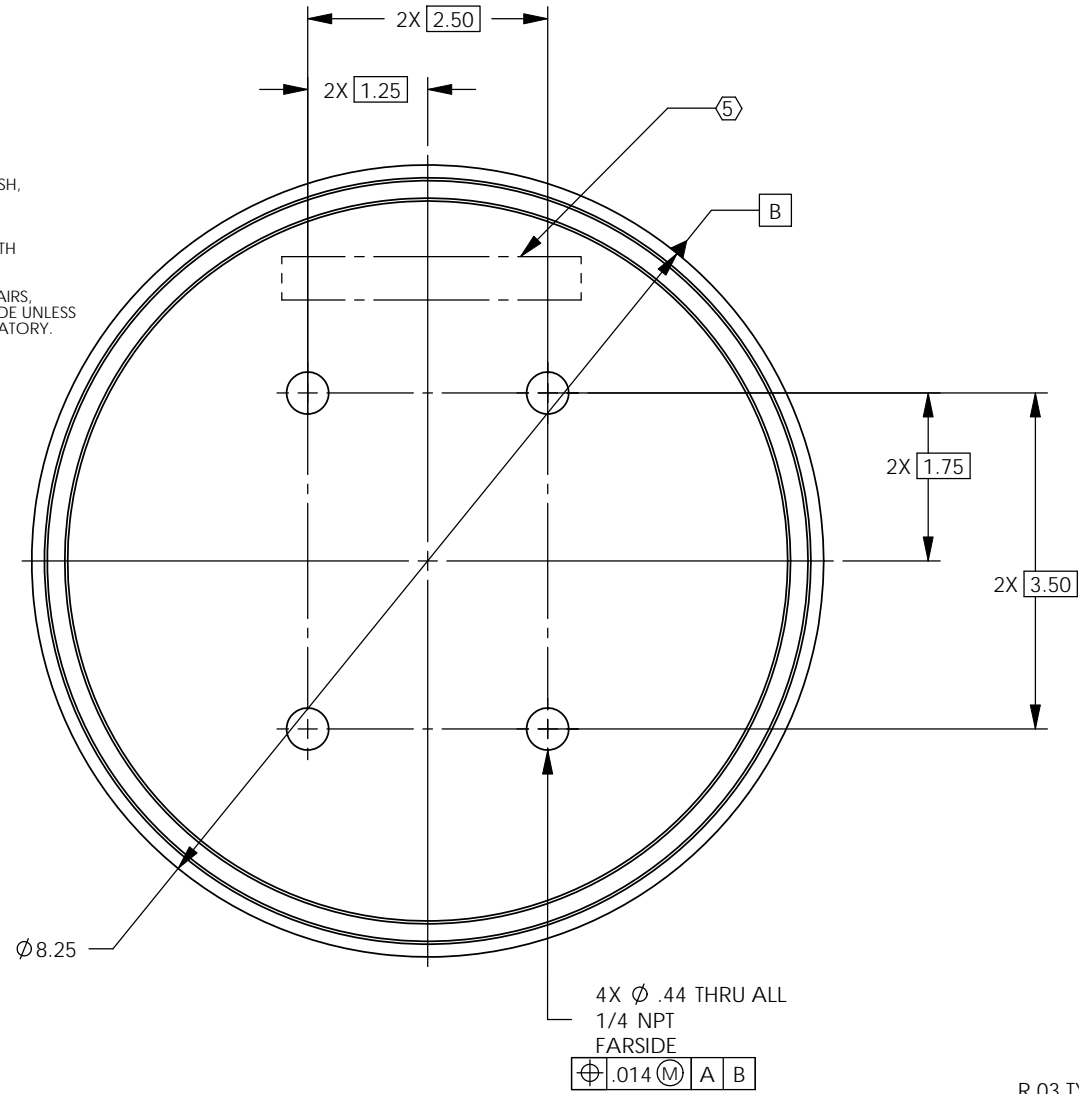


D1101938 aLIGO, AOS, VIEWPORT LEAK TEST FIXTURE, PROOF TEST CAP ASSY. (COML V.P.), PART PDM REV: X-000, DRAWING PDM REV: X-000

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. APPROXIMATE WEIGHT = 11.98 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.
- 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.



ITEM NO.	PART NUMBER	DESCRIPTION	MATERIAL	QTY.
2	-	PRECISION BALL, .750 O.D, NITRONIC 60	Nitronic 60	1
1	D1101938-1	ALIGO, AOS, VIEWPORT LEAK TEST FIXTURE, PROOF TEST CAP (COML V.P)	AISI 304	1

PARTS LIST

NOTES AND TOLERANCES: (UNLESS OTHERWISE SPECIFIED)

DIMENSIONS ARE IN INCHES

TOLERANCES:
 .XX ± .01
 .XXX ± .005

ANGULAR ± 0.5°

MATERIAL SEE PARTS LIST

FINISH 63 μinch

LIGO CALIFORNIA INSTITUTE OF TECHNOLOGY
 MASSACHUSETTS INSTITUTE OF TECHNOLOGY

SYSTEM **ADVANCED LIGO** SUB-SYSTEM **AOS**

NEXT ASSY **D1101940**

PART NAME
ALIGO, AOS, VIEWPORT LEAK TEST FIXTURE, PROOF TEST CAP ASSY. (COML V.P)

DESIGNER	J.LEWIS	07 OCT 2011	SIZE	DWG. NO.	REV.
DRAFTER	E.SANCHEZ	11 OCT 2011	B	D1101938	v1
CHECKER	SEE DCC	SEE DCC	SCALE: 1:2	PROJECTION:	SHEET 1 OF 1
APPROVAL	SEE DCC	SEE DCC			

REV.	DATE	DCN #	DRAWING TREE #
v1	11 OCT 2011	E1101031-x0	-
-	-	-	-
-	-	-	-