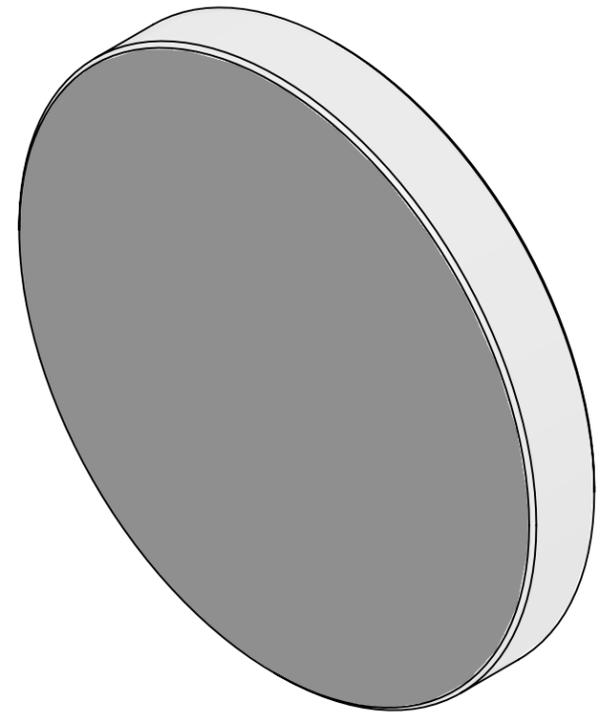
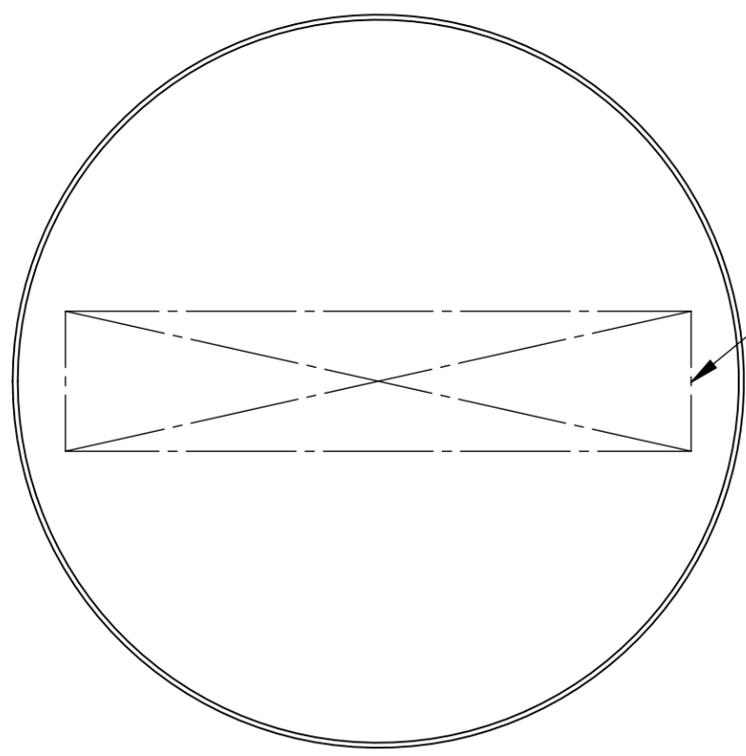
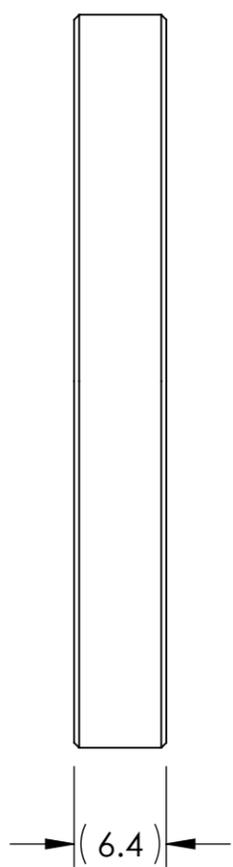
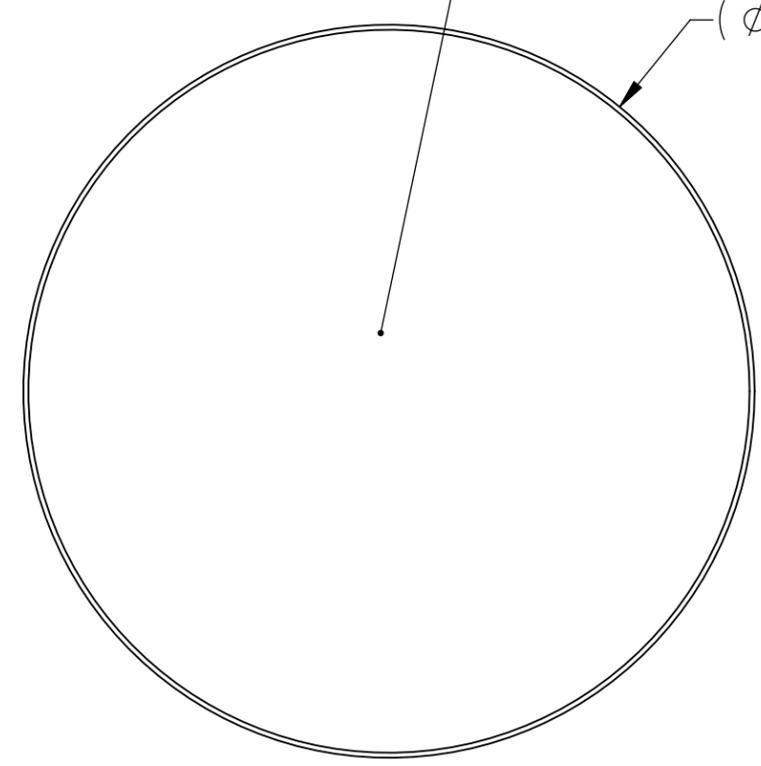


D1101109 TMS Telescope Input Beam Alignment Mirror, PART PDM REV: X-002, DRAWING PDM REV: X-001

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 = .07 LB [31.1 G].
 ⑦ MAKE FROM:
 CVI MELLES-GRIOT PM-2025-UV MIRROR BLANK
 Ø50.8, 6.4 THICK, LAMBDA/10 @ 633 NM.
 ⑧ FINISH: PROTECTED ALUMINUM COATING OVER ENTIRE POLISHED FACE.

REV.	DATE	DCN #	DRAWING TREE #
v1	22 JUL 2011	E1100351	-
-	-	-	-
-	-	-	-



NOTES AND TOLERANCES: (UNLESS OTHERWISE SPECIFIED)	
DIMENSIONS ARE IN MILLIMETERS	
TOLERANCES: .XX ± N/A .XXX ± N/A ANGULAR ± N/A°	
1. INTERPRET DRAWING PER ASME Y14.5-1994. 2. 3. DO NOT SCALE FROM DRAWING. 4. ALL MACHINING FLUIDS MUST BE FULLY SYNTHETIC, FULLY WATER SOLUBLE AND FREE OF SULFUR, SILICONE, AND CHLORINE.	
MATERIAL	FINISH
⑦	⑧

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 MASSACHUSETTS INSTITUTE OF TECHNOLOGY

SYSTEM: ADVANCED LIGO SUB-SYSTEM: AOS

NEXT ASSY: TMS TOOLING

PART NAME		TMS TELESCOPE INPUT BEAM ALIGNMENT MIRROR	
DESIGNER	K. MAILAND	28 FEB 2011	SIZE DWG. NO.
DRAFTER	C. CONLEY	22 JUL 2011	B
CHECKER	SEE DCN		D1101109
APPROVAL	SEE DCN		REV. v1
SCALE: NONE		PROJECTION:	SHEET 1 OF 1