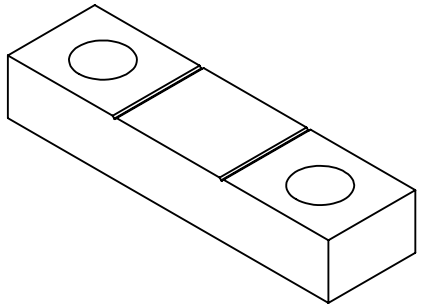
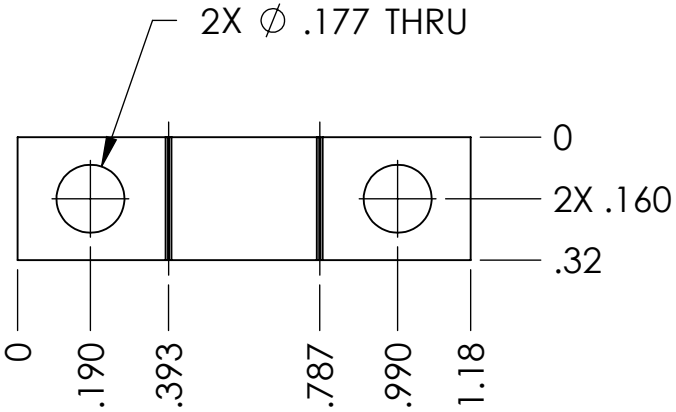
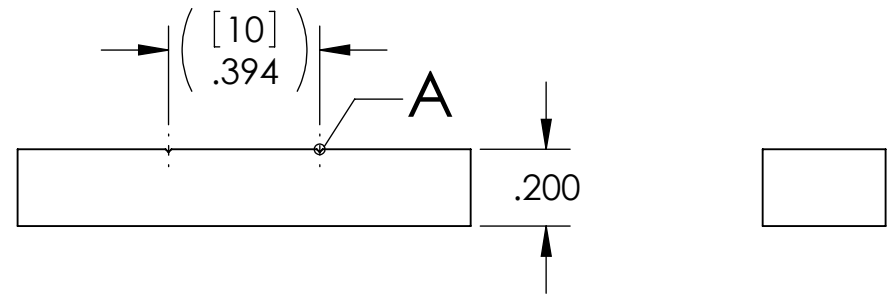
NOTES CONTINUED:

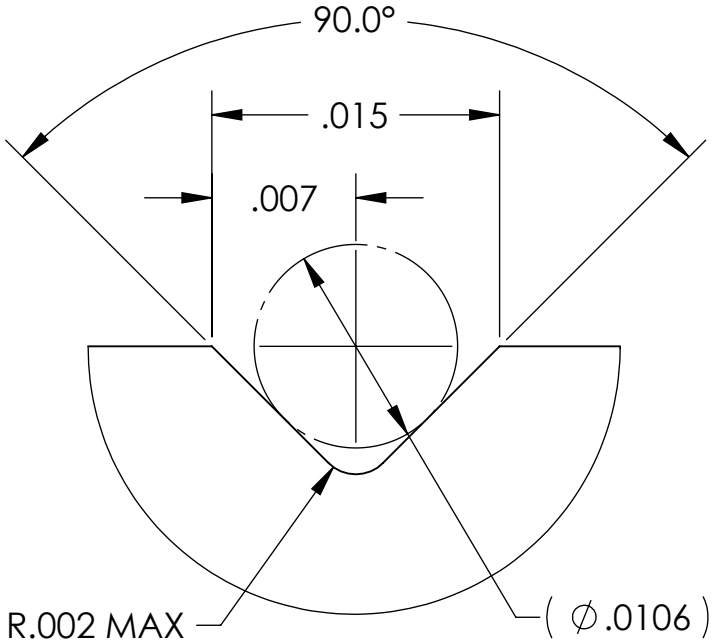
5. SCRIBE, ENGRAVE, OR MECHANICALLY STAMP (NO DYES OR INKS) A UNIQUE THREE DIGIT SERIAL NUMBER & REVISION NUMBER ON EACH PART. SERIAL NUMBERS START AT 001 FOR THE FIRST ARTICLE AND PROCEED CONSECUTIVELY. BAG AND TAG PARTS WITH THEIR DRAWING PART NUMBER, REVISION, VARIANT OR "TYPE" (IF APPLICABLE), AND QUANTITY. IF PARTS ARE TOO SMALL TO SCRIBE, BAGGING AND TAGGING ALONE IS SUFFICIENT.
   EXAMPLE (PART): 001-v1
   EXAMPLE (TAG): DXXXXXXX-VY, TYPE-XX, QTY: TBD
6. MACHINE ALL SURFACES TO REMOVE OXIDES AND MILL FINISH. USE OF ABRASIVE REMOVAL TECHNIQUES IS NOT ALLOWED.
7. ALL PARTS SHALL BE MANUFACTURED IN ACCORDANCE WITH LIGO SPECIFICATION E0900364.

REV.	DATE	DCN #	DRAWING TREE #
v1	09 JUL 2009	E0900193	E080191
v2	03 SEP 2009	E0900277	E080191
v3	28 JUN 2010	E1000236	E080191









DETAIL A
SCALE 100 : 1
WIRE GROOVE
2X

NOTES AND TOLERANCES: (UNLESS OTHERWISE SPECIFIED)

DIMENSIONS ARE IN INCHES [MM]

TOLERANCES:
.XX ± .01
.XXX ± .005

ANGULAR ± 0.5°

1. INTERPRET DRAWING PER ASME Y14.5-1994.
2. REMOVE ALL SHARP EDGES, R.02 MIN.
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 304, 316 OR 302 SSTL

FINISH 32 µinch

LIGO CALIFORNIA INSTITUTE OF TECHNOLOGY MASSACHUSETTS INSTITUTE OF TECHNOLOGY

SYSTEM ADVANCED LIGO

SUB-SYSTEM SUS

NEXT ASSY LOWER LOOP WIRE ASSY

PART NAME CLAMP, LOWER LOOP WIRE

DESIGNER	D. BRIDGES	09 SEP 2009
DRAFTER	R. BIEDENHARN	01 NOV 2010
CHECKER	D. BRIDGES	04 NOV 2010
APPROVAL		

SIZE A **DWG. NO.** D070438 **REV.** v3

SCALE: 2:1 **PROJECTION:** **SHEET 1 OF 1**

D070438_Advanced_LIGO_SUS_HLTS_Upper_Clamp,_Lower_Wire,_Outside, PART PDM REV: V2-000, DRAWING PDM REV: V2-001