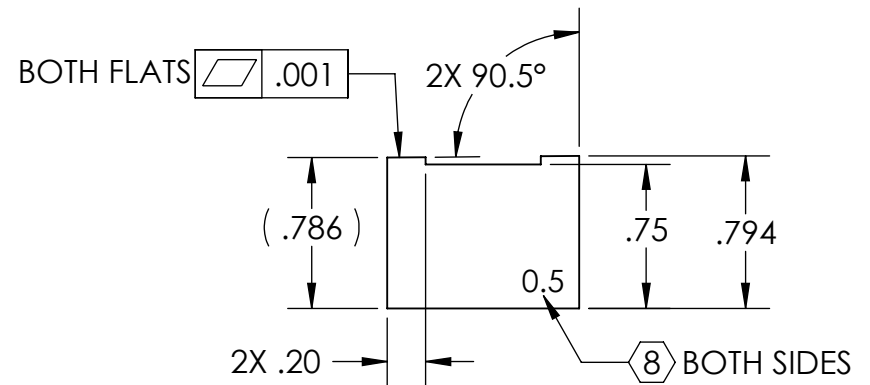
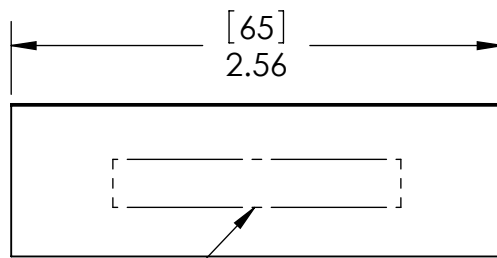
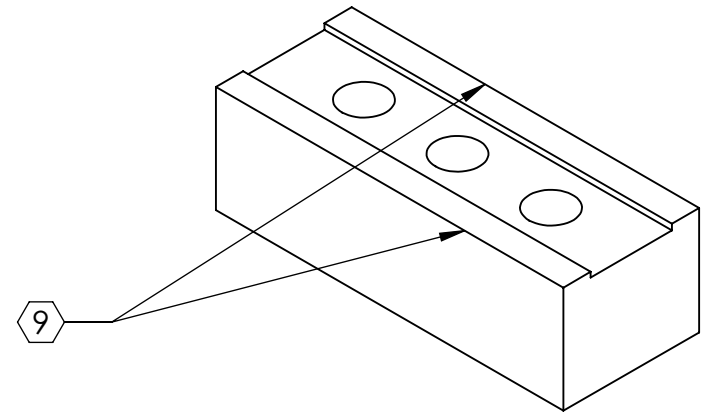
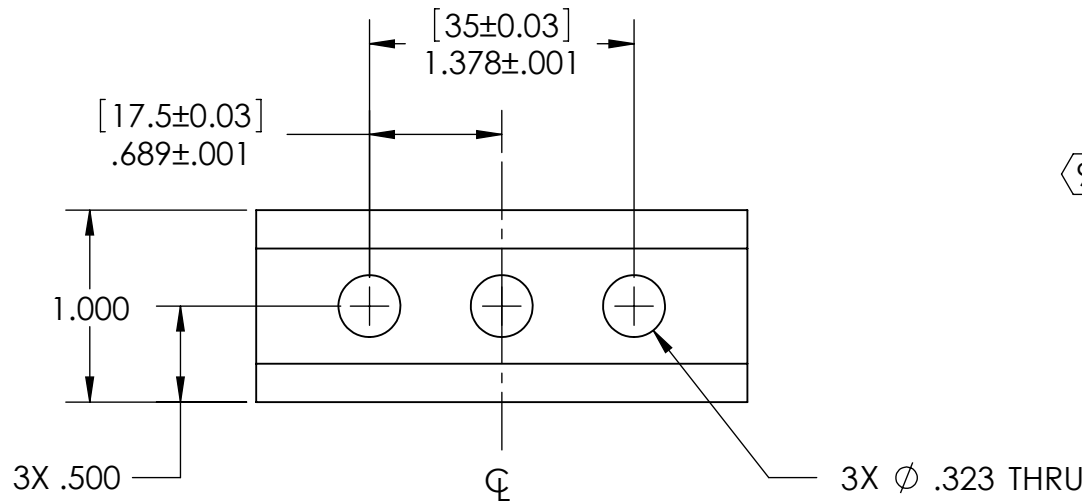


**NOTES CONTINUED:**

- 5. SCRIBE, ENGRAVE, 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. A VIBRATORY TOOL MAY BE USED.  
EXAMPLE: DXXXXXX-VY, TYPE-XX, S/N XXX
- 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.
- 8. SCRIBE, ENGRAVE, OR MECHANICALLY STAMP (NO INKS OR DYES) AS MARKED ON NOTED SURFACE OF PART. USE .12" HIGH CHARACTERS.
- 9. DO NOT REMOVE SHARP EDGES.

REV.	DATE	DCN #	DRAWING TREE #
v1	19 MAY 2009	E0900154	E080191
v2	18 MAY 2010	E1000166	E080191
-	-	-	-



**NOTES AND TOLERANCES: (UNLESS OTHERWISE SPECIFIED)**

DIMENSIONS ARE IN INCHES [MM]  
 TOLERANCES:  
 .XX ± .01  
 .XXX ± .005  
 ANGULAR ± 0.1°

- 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 SHALL BE WATER SOLUBLE AND FREE OF SULFUR, CHLORINE AND SILICONE, SUCH AS CINCINNATI MILACRON'S CIMTECH 410.

**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 **LIBRARY OF CLAMPS, UPPER BLADE**

**PART NAME** BLADE CLAMP (0.5 DEGREE), UPPER BLADE, INSIDE

DESIGNER	D. BRIDGES	29 JUN 2010	SIZE	DWG. NO.	REV.
DRAFTER	D. BRIDGES	29 JUN 2010	A	<b>D0900667</b>	v2
CHECKER	M. MEYER	30 JUN 2010	SCALE: 1:1	PROJECTION:	SHEET 1 OF 1