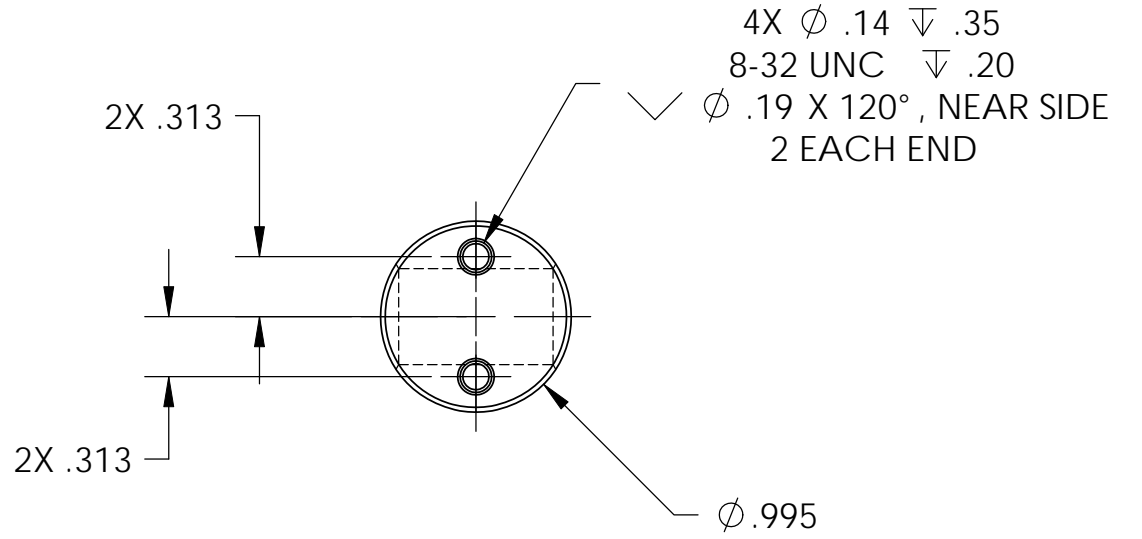
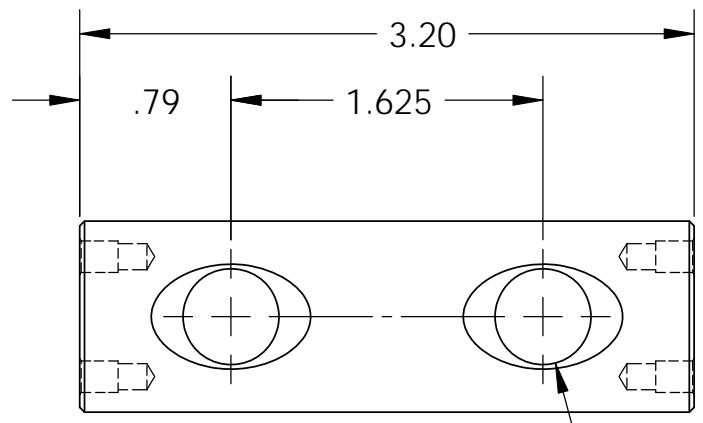


8 7 6 5 4 3 2 1

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. APPROXIMATE WEIGHT = 0.6 LB.
 7. MACHINE ALL SURFACES TO REMOVE OXIDES AND MILL FINISH. USE OF ABRASIVE REMOVAL TECHNIQUES (INCLUDING SANDING OR SCOURING FOR MATTE FINISH) IS NOT ALLOWED.
 8. ALL PARTS SHALL BE MANUFACTURED IN ACCORDANCE WITH LIGO SPECIFICATION E0900364.

REV.	DATE	DCN #	DRAWING TREE #
v1	01 Mar. 2010	E1000026	E1000025



2X ϕ .42 THRU ALL
 1/2-13 UNC THRU ALL
 \checkmark ϕ .83 X 120°, NEAR SIDE
 \checkmark ϕ .83 X 120°, FAR SIDE

D0902726 Barrel Nut Bar, Stage 1-2, aLIGO BSC ISI, PART PDM REV: X-003, DRAWING PDM REV: X-001

D C B A

D C B A

NOTES AND TOLERANCES: (UNLESS OTHERWISE SPECIFIED)				LIGO CALIFORNIA INSTITUTE OF TECHNOLOGY MASSACHUSETTS INSTITUTE OF TECHNOLOGY		PART NAME						
DIMENSIONS ARE IN INCHES		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.		SYSTEM ADVANCED LIGO		SUB-SYSTEM SEI		Barrel Nut Bar, Stage 1-2, aLIGO BSC ISI				
TOLERANCES: .XX ± .015 .XXX ± .005		MATERIAL 17-4 PH H1150		FINISH ELECTROPOLISH		NEXT ASSY D0901182		DESIGNER A.STEIN	01 Feb. 2010	SIZE B	DWG. NO. D0902726	REV. v1
ANGULAR ± .5°						CHECKER F.MATICHARD		01 Feb. 2010	SCALE: 1:1		PROJECTION:	SHEET 1 OF 1

8 7 6 5 4 3 2 1