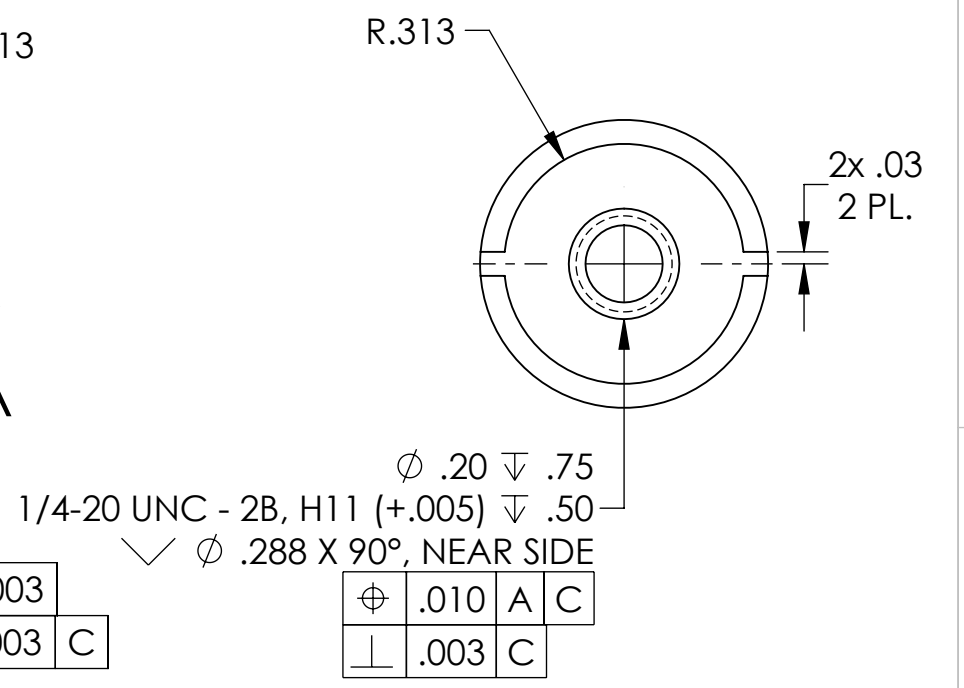
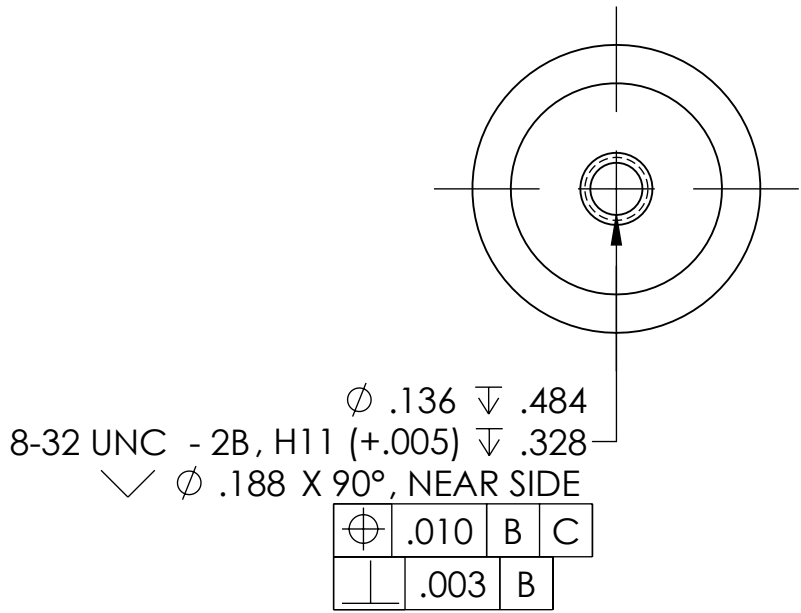
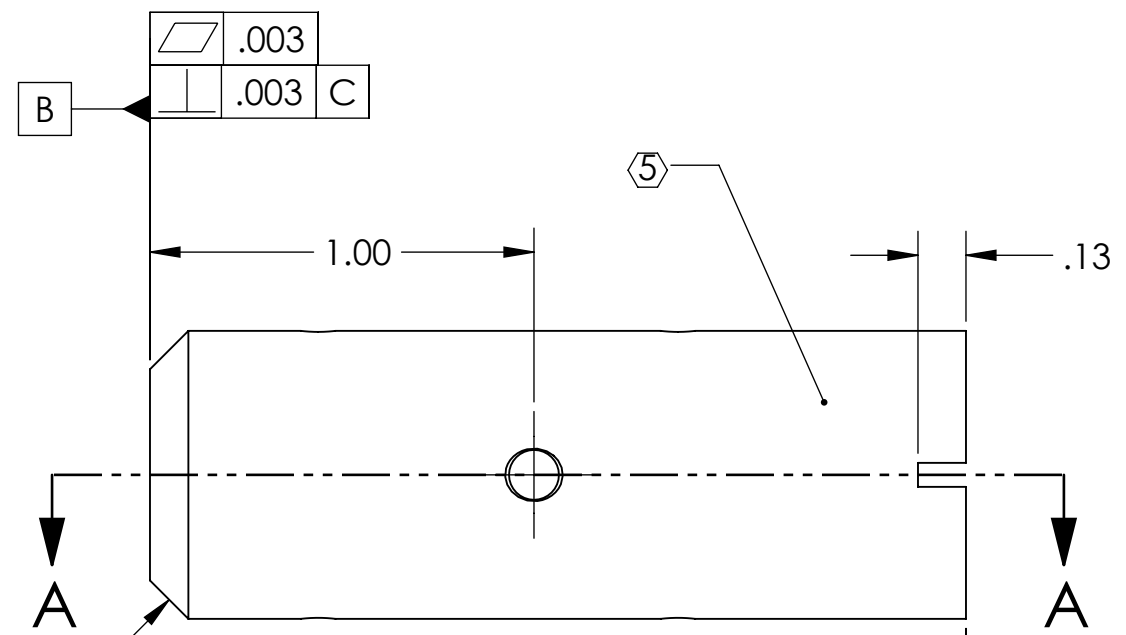
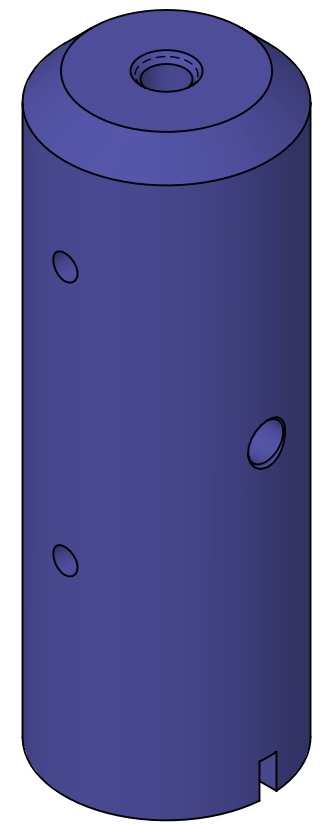
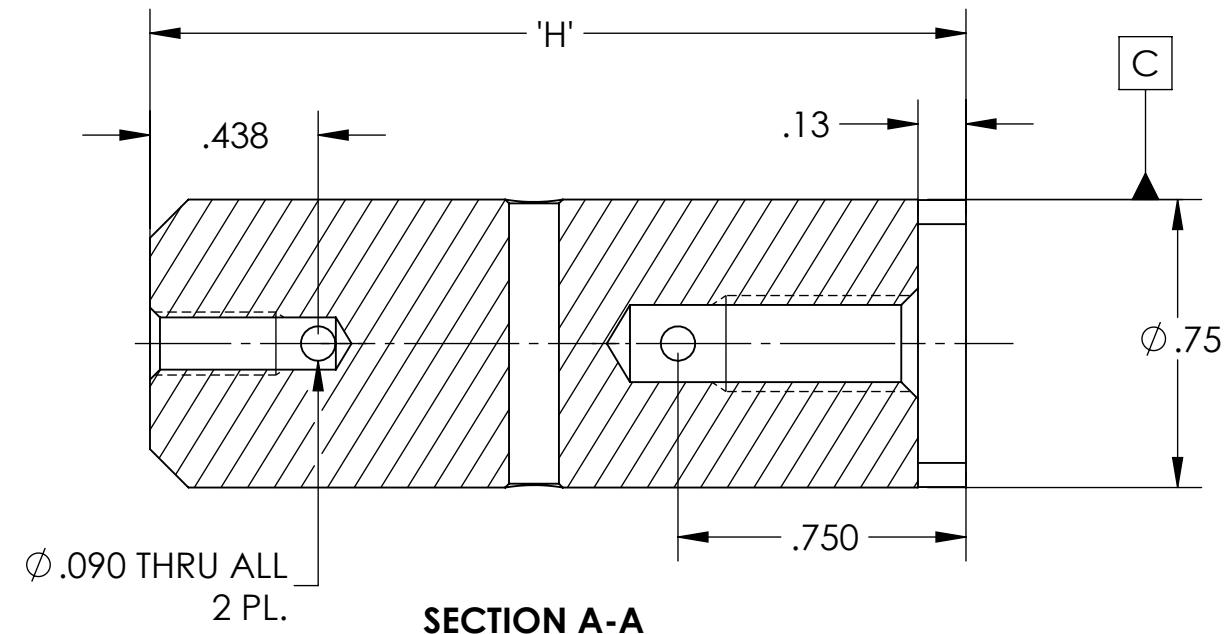


NOTES CONTINUED:  
 5. SCRIBE, ENGRAVE (A VIBRATORY TOOL MAY BE USED), LASER MARK OR MECHANICALLY STAMP (NO INKS OR DYES) DRAWING PART NUMBER, REVISION (AND VARIANT OR "TYPE" IF APPLICABLE) ON NOTED SURFACE OF PART FOLLOWED ON THE NEXT LINE WITH A THREE DIGIT SERIAL NUMBER. SERIAL NUMBERS START AT 001 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 = 0.110 LB.
- 7. MACHINE ALL SURFACES TO REMOVE OXIDES AND MILL FINISH, USE OF ABRASIVE REMOVAL TECHNIQUES IS NOT ALLOWED. REFER TO LIGO SPECIFICATION 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 SPECIFICATION E0900364

REV.	DATE	DCN #	DRAWING TREE #
v1	07/23/09	-	-
v3	24 FEB 2023	E2300045-x0	-
v4	27 FEB 2023	E2300045-v1	-

TYPE	HEIGHT 'H' (INCHES)	MATERIAL
A	2.125"	304 / 304 L STAINLESS STEEL
B	2.250"	
C	2.625"	
D	2.750"	
E	2.825"	
-01	2.125"	6061-T6 AL ALLOY
-02	2.250"	
-03	2.625"	
-04	2.750"	
-05	2.825"	



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

DIMENSIONS ARE IN INCHES

TOLERANCES:  
 .XX ± .01  
 .XXX ± .005

ANGULAR ± 0.5°

1. INTERPRET DRAWING PER ASME Y14.5-1994.  
 2. REMOVE ALL SHARP EDGES, .005-.015, FOR MACHINED PARTS.  
 3. DO NOT SCALE FROM DRAWING.  
 4. ALL MACHINING FLUIDS MUST BE FULLY SYNTHETIC, FULLY WATER SOLUBLE AND FREE OF SULFUR, SILICONE, AND CHLORINE.

**LIGO** CALIFORNIA INSTITUTE OF TECHNOLOGY  
 MASSACHUSETTS INSTITUTE OF TECHNOLOGY

SYSTEM: ADVANCED LIGO SUB-SYSTEM: SQZ  
 NEXT ASSY: MULTIPLE

PART NAME: 3/4" Diameter Optics Post

DESIGNER	S.BISCANS	15 JUNE 2020	SIZE	DWG. NO.	REV.
DRAFTER	S.BISCANS	15 JUNE 2020	B	D0901749	v4
CHECKER	S.BISCANS	15 JUNE 2020	SCALE:	2:1	PROJECTION:
APPROVAL	SEE DCC	SEE DCC	SHEET	1 OF 1	