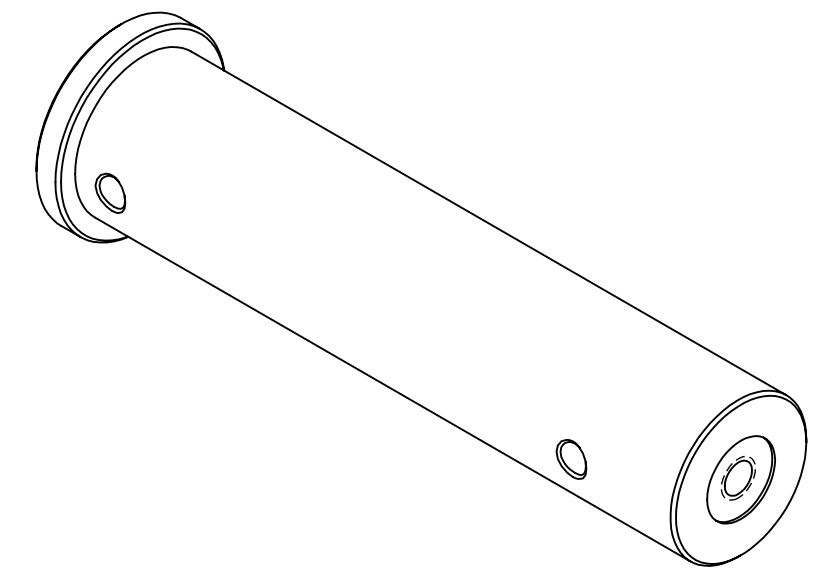
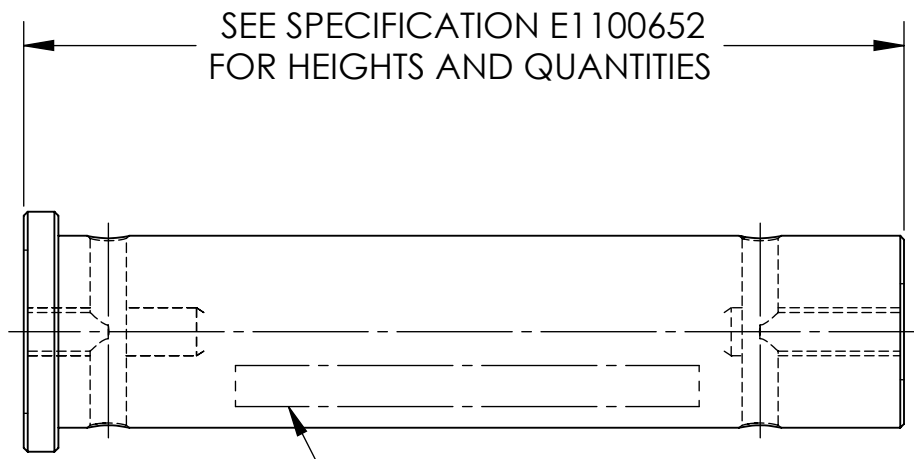


NOTES CONTINUED:

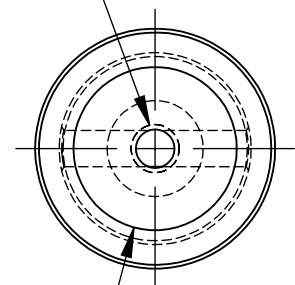
- 5. APPROXIMATE WEIGHT RANGES FROM 0.25 TO 0.40 LB DEPENDING ON LENGTH.
- 6. MACHINE ALL SURFACES TO REMOVE OXIDES AND MILL FINISH. USE OF ABRASIVE REMOVAL TECHNIQUES IS NOT ALLOWED. REFER TO LIGO-E0900364
- 7. ALL PARTS SHALL BE MANUFACTURED IN ACCORDANCE WITH LIGO SPECIFICATION E0900364.
- 8. ALL 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-E0900364.
- 9. USE +0.005" OVERSIZED TAPS FOR ALL TAPPED HOLES.

REV.	DATE	DCN #	DRAWING TREE #
-	-	-	-
-	-	-	-
-	-	-	-

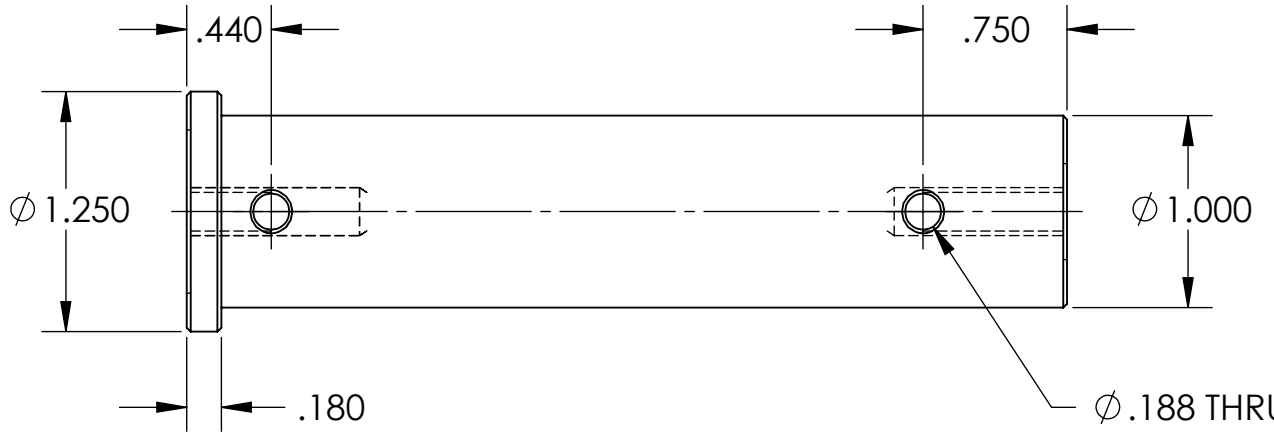


SEE SPECIFICATION E1 100652 FOR INSCRIPTIONS

TAP 1/4-20  
0.750 DEEP

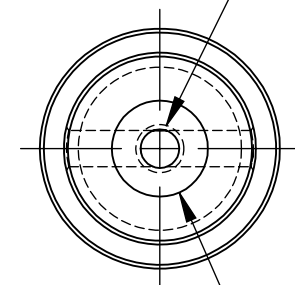


Ø .850  
0.020 DEEP



Ø .188 THRU  
2 PLACES

TAP 1/4-20  
0.750 DEEP



Ø .500  
0.020 DEEP

NOTES AND TOLERANCES: (UNLESS OTHERWISE SPECIFIED)

DIMENSIONS ARE IN INCHES	
TOLERANCES: .XX ± .01 .XXX ± .005 ANGULAR ± 0.1°	
1. INTERPRET DRAWING PER ASME Y14.5-1994. 2. REMOVE ALL SHARP EDGES, .005-.015, FOR MACHINED PARTS. ROUND ALL EDGES APPROXIMATELY R.02 FOR SHEET METAL 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.	
MATERIAL	6061 Alloy
FINISH	63 µinch

	UNIVERSITY OF FLORIDA CALIFORNIA INSTITUTE OF TECHNOLOGY MASSACHUSETTS INSTITUTE OF TECHNOLOGY	
	SYSTEM	SUB-SYSTEM
	ADVANCED LIGO	100
NEXT ASSY	VARIOUS	

PART NAME			ALIGO IO IN VACUUM POST		
DESIGNER	L.WILLIAMS	07 JULY 2011	SIZE DWG. NO.	B	
DRAFTER	L.WILLIAMS	07 JULY 2011	DWG. NO.	D1101505	
CHECKER			REV.	v1	
APPROVAL			SCALE: 1:1	PROJECTION:	SHEET 1 OF 1

D1101505\_ALIGO\_IO\_IN\_VACUUM\_POST, PART PDM REV: X-004, DRAWING PDM REV: X-000