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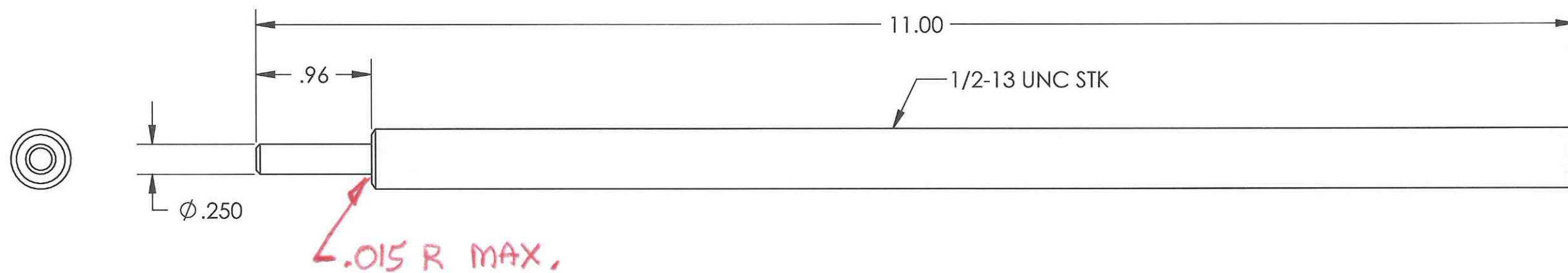
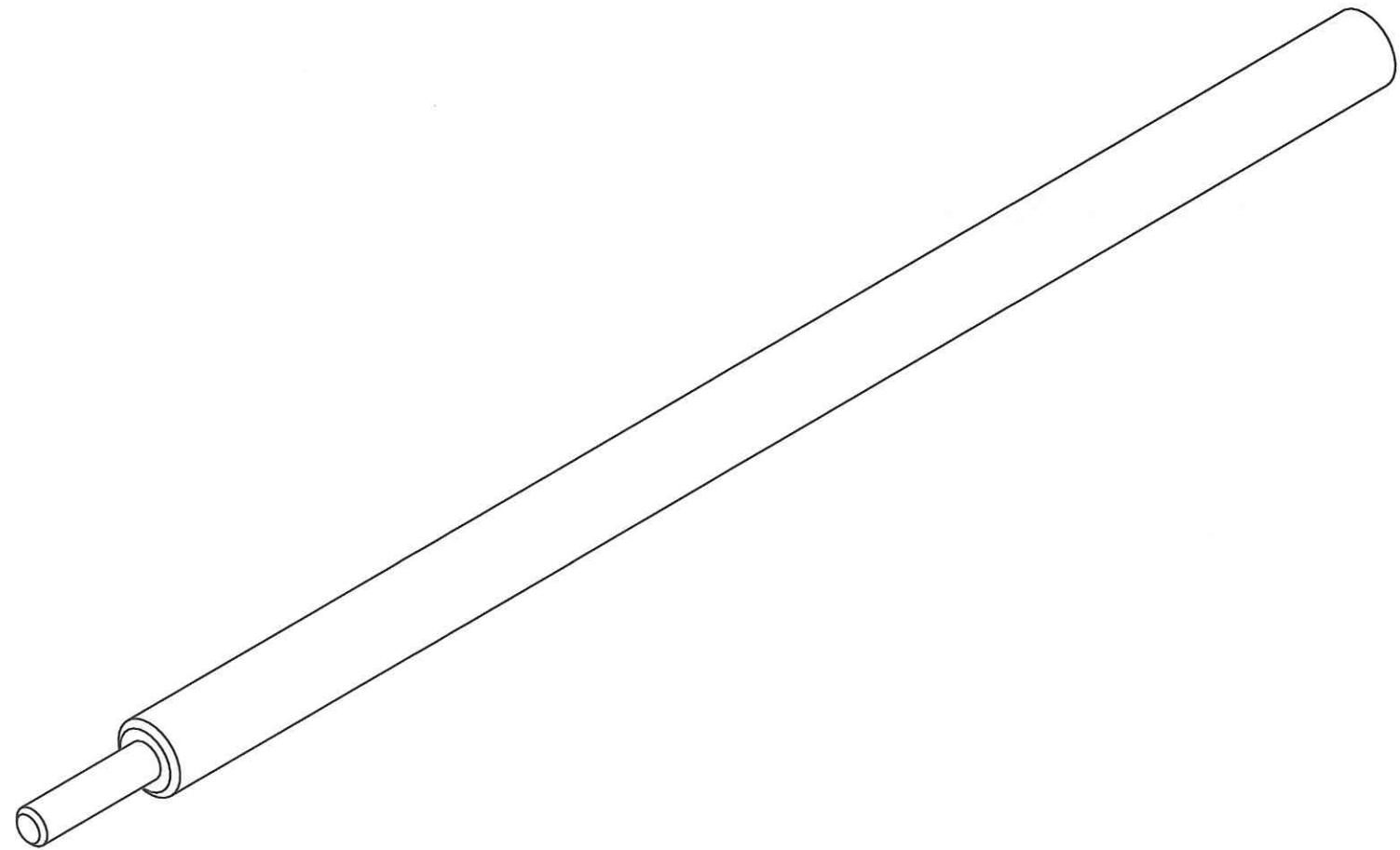
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- NOTES CONTINUED:
- BAG AND TAG PARTS SEPARATELY WITH THEIR DRAWING PART NUMBER, REVISION, AND SERIAL NUMBER. SERIAL NUMBERS START AT 001 (UNLESS OTHERWISE SPECIFIED) FOR THE FIRST ARTICLE AND PROCEED CONSECUTIVELY.  
EXAMPLE:  
DXXXXXX-vY  
S/N-001
  - APPROXIMATE WEIGHT = .58 LB [.26 KG].
  - ELECTROPOLISH TO REMOVE .0005 - .001 PER SURFACE.
  - ALL PARTS SHALL BE MANUFACTURED IN ACCORDANCE WITH LIGO SPECIFICATION E0900364.
  - ALL MATERIAL IS TO BE VIRGIN MATERIAL (I.E. NO WELD REPAIRS OR PLUGS UNLESS APPROVED IN ADVANCE IN WRITING BY LIGO). REFER TO LIGO SPECIFICATION E0900364.
  - MAKE FROM:  
McMASTER-CARR P/N 93250A070 (OR EQUIV),  
1/2-13 UNC FULLY THREADED ROD, 12" LENGTH,  
316 STAINLESS STEEL.
  - 63 µinch Ra FINISH APPLIES ONLY TO MACHINED SURFACES.

REV.	DATE	DCN #	DRAWING TREE #
v1	22 DEC 2010	E1000762-v1	-
v4	26 MAR 2012	E1200317-x0	-
-	-	-	-



D1003162 aLIGO\_TMS\_Telescope\_Pitch\_Mass\_Adj\_Rod, PART PDM REV: X-007, DRAWING PDM REV: X-020

NOTES AND TOLERANCES: (UNLESS OTHERWISE SPECIFIED)	
DIMENSIONS ARE IN INCHES	1. INTERPRET DRAWING PER ASME Y14.5-1994.
TOLERANCES:	2. REMOVE ALL SHARP EDGES, .005-.015.
.XX ± .01	3. DO NOT SCALE FROM DRAWING.
.XXX ± .005	4. ALL MACHINING FLUIDS MUST BE FULLY SYNTHETIC, FULLY WATER SOLUBLE AND FREE OF SULFUR, SILICONE, AND CHLORINE.
ANGULAR ± 0.5°	
MATERIAL	FINISH
10	7 11

CALIFORNIA INSTITUTE OF TECHNOLOGY MASSACHUSETTS INSTITUTE OF TECHNOLOGY	
SYSTEM	SUB-SYSTEM
ADVANCED LIGO	AOS
NEXT ASSY	D1001160

PART NAME		aLIGO TMS TELESCOPE PITCH MASS ADJ. ROD	
DESIGNER	K. MAILAND	16 OCT 2010	SIZE DWG. NO.
DRAFTER	M. MILLER	29 NOV 2010	B D1003162
CHECKER	SEE DCC	SEE DCC	REV.
APPROVAL	SEE DCC	SEE DCC	v4
SCALE: NONE		PROJECTION:	
		SHEET 1 OF 1	

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