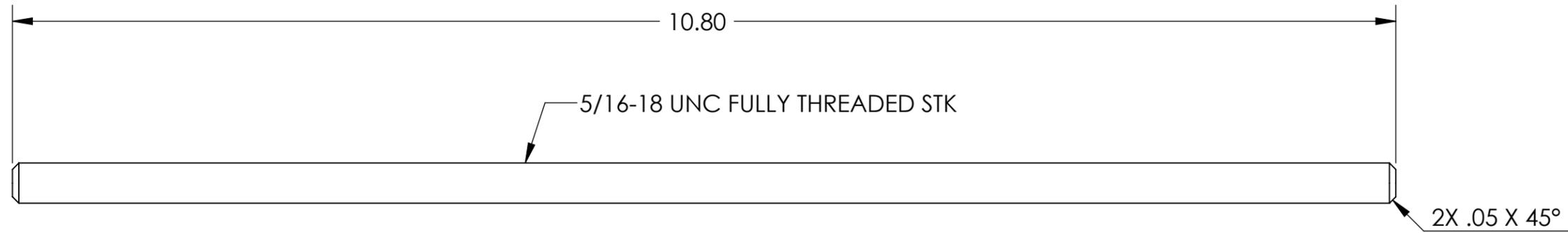
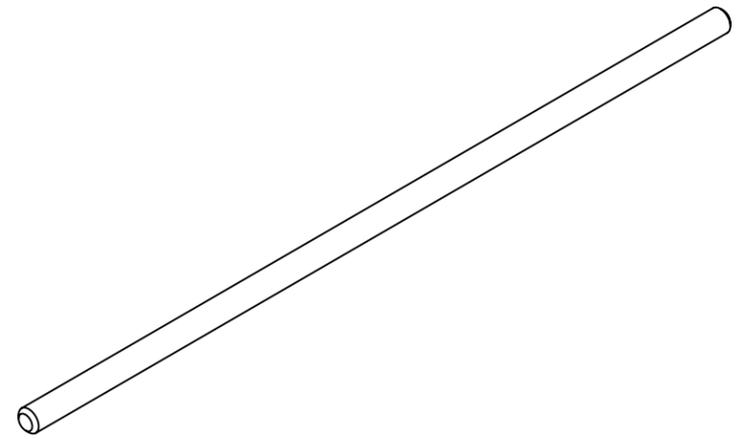


8 7 6 5 4 3 2 1

- 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 = .24 LB [.11 KG].
 - MACHINE ALL SURFACES (EXCEPT THREADING) TO REMOVE OXIDES AND MILL FINISH. USE OF ABRASIVE REMOVAL TECHNIQUES IS NOT ALLOWED.
 - 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.
- ⑩ MAKE FROM:
MCMASTER-CARR P/N 93250A062 OR EQUIVALENT
(5/16-18 UNC FULLY THREADED ROD, 1' LENGTH,
316 STAINLESS STEEL).
- ⑪ 63 μinch Ra FINISH APPLIES ONLY TO MACHINED SURFACES.

REV.	DATE	DCN #	DRAWING TREE #
v1	22 DEC 2010	E1000762-v1	-
v2	11 JAN 2011	E1100019-v1	-
v3	24 FEB 2011	E1100080-v1	-



D1002768 aLIGO_TMS_Telescope_Roll_Mass_Adj_Rod_PART PDM REV: X-020, DRAWING PDM REV: X-029

NOTES AND TOLERANCES: (UNLESS OTHERWISE SPECIFIED)	
DIMENSIONS ARE IN INCHES	
TOLERANCES: .XX ± .01 .XXX ± .005 ANGULAR ± 1.0°	
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.	
MATERIAL	FINISH
⑩	63 μinch Ra ⑪

CALIFORNIA INSTITUTE OF TECHNOLOGY MASSACHUSETTS INSTITUTE OF TECHNOLOGY		PART NAME	
SYSTEM ADVANCED LIGO		aLIGO TMS TELESCOPE ROLL MASS ADJ. ROD	
SUB-SYSTEM AOS		DESIGNER	K. MAILAND
NEXT ASSY		DRAFTER	M. MILLER
D1001160		CHECKER	
		APPROVAL	
DATE	10/26/2010	SIZE	B
DATE	11/17/2010	DWG. NO.	D1002768
REV.	v3	SCALE	NONE
SHEET 1 OF 1		PROJECTION:	

8 7 6 5 4 3 2 1