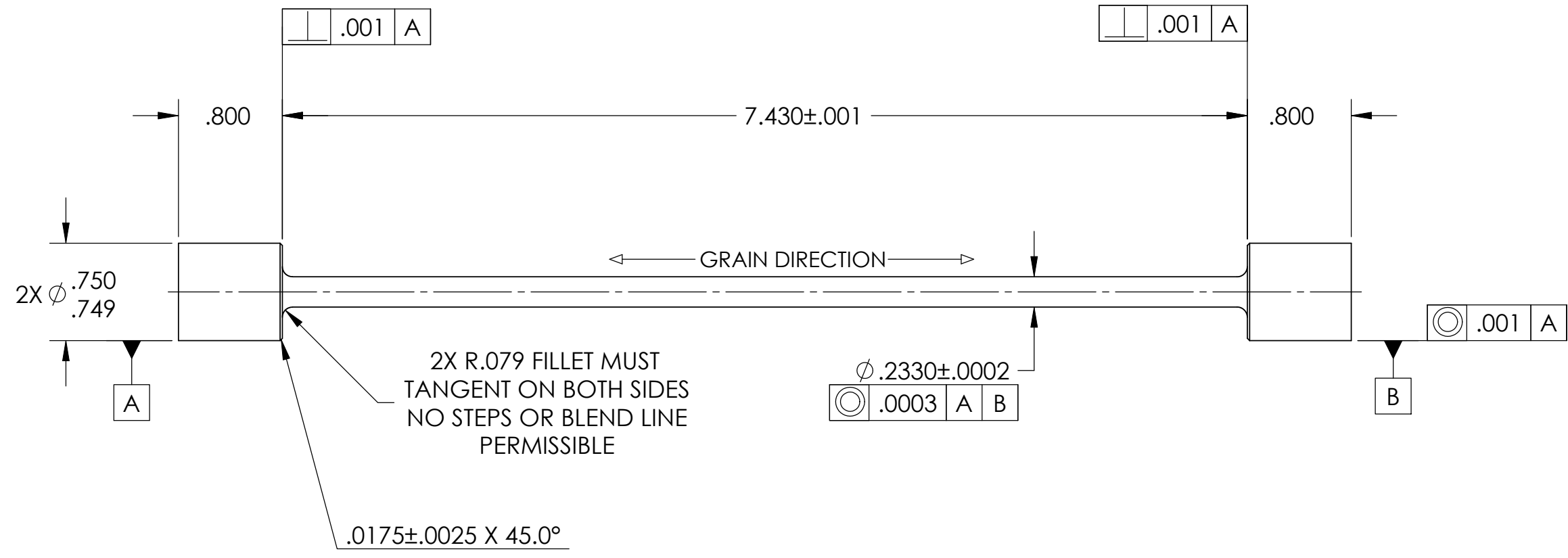


D0901757 Flexure Rod Stage 0-1 aLIGO BSC ISI, PART PDM REV: X-005, DRAWING PDM REV: X-008

- NOTES CONTINUED:**
5. BAG AND TAG PART, INCLUDING THE DRAWING PART NUMBER AND REVISION ON FOLLOWED ON THE NEXT LINE BY A THREE DIGIT SERIAL NUMBER. SERIAL NUMBERS START AT 001 FOR THE FIRST ARTICAL AND PROCEED CONSECUTIVELY. USE .07 HIGH CHARACTERS. EXAMPLE DXXXXXX-VY, S/N 001. A VIBRATORY TOOL MAY BE USED.
 6. APPROXIMATE WEIGHT = 0.30 LB.
 7. MACHINE ALL SURFACES TO REMOVE OXIDES AND MILL FINISH. USE OF ABRASIVE REMOVAL TECHNIQUES IS NOT ALLOWED.
 8. ALL PARTS SHALL BE MANUFACTURED IN ACCORDANCE WITH LIGO SPECIFICATION E0900364.
 9. FLEXURE RODS TO BE MADE IN SETS OF THREE FROM SAME BILLET AND IDENTIFIED AS SUCH.
 10. PROCESS MARAGING C300 STEEL IN ACCORDANCE WITH LIGO SPECIFICATION E0900023. ELECTROLESS NICKEL PLATE WITH A NOMINAL THICKNESS OF .0002.
 11. DIMENSIONS AND TOLERANCES APPLY AFTER FINAL OPERATIONS OF HEAT TREATMENT AND MACHINING.

REV.	DATE	DCN #	DRAWING TREE #
v1	26 Feb. 2010	E1000022	E1000025



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.		ADVANCED LIGO		FLEXURE ROD STAGE 0-1, aLIGO BSC ISI	
TOLERANCES: .XX ± .015 .XXX ± .005		MATERIAL MARAGING STEEL C300		SUB-SYSTEM SEI		DESIGNER C.RAMET	
ANGULAR ± .5°		FINISH 16 μinch		NEXT ASSY D0902103		DRAFTER M.HILLARD	
						CHECKER F.MATICHARD	
						APPROVAL K.MASON	
						SIZE B	
						DWG. NO. D0901757	
						REV. v1	
						SCALE: 1:1	
						PROJECTION:	
						SHEET 1 OF 1	