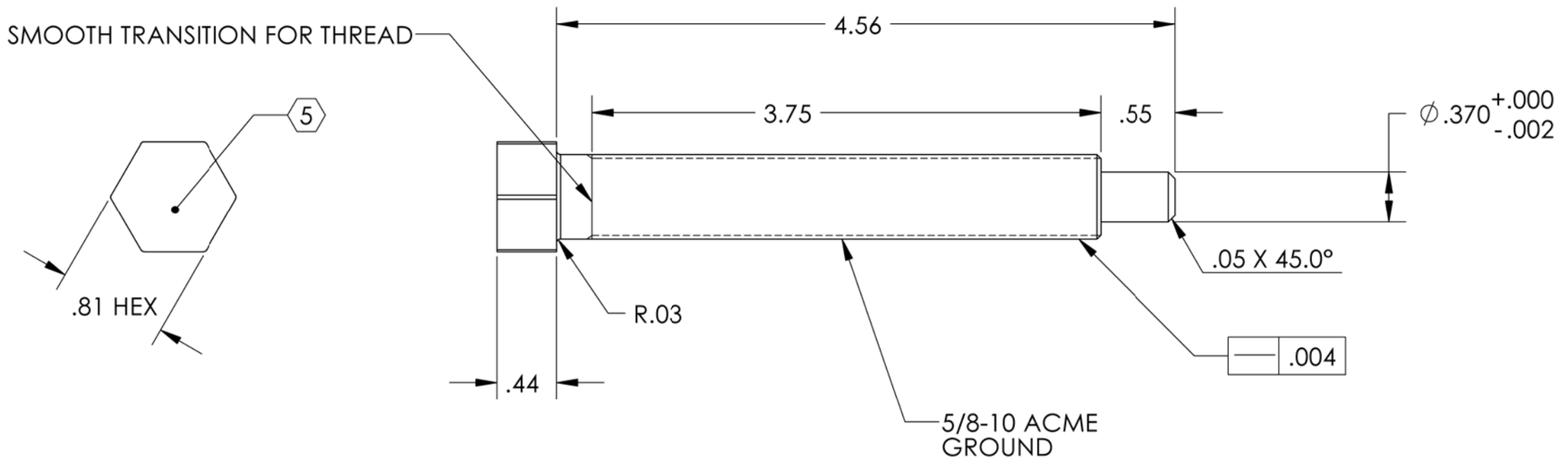
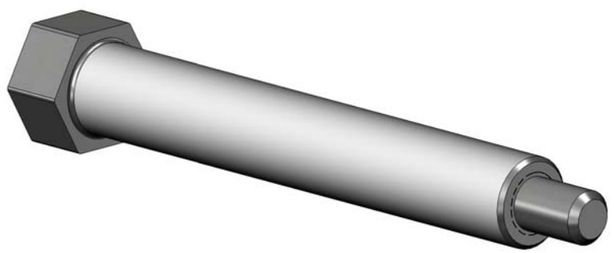
NOTES CONTINUED:

5. SCRIBE, ENGRAVE, OR MECHANICALLY STAMP (NO INKS OR DYES) DRAWING PART NUMBER, REVISION (AND VARIENT 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. A VIBRATORY TOOL MAY BE USED. EXAMPLE DXXXXXXX-VY. TYPE-XX. S/N XXX.
6. APPROXIMATE WEIGHT = 0.433 LB.
7. MACHINE ALL SURFACES TO REMOVE OXIDES AND MILL FINISH.
8. ALL PARTS SHALL BE MANUFACTURED IN ACCORDANCE WITH LIGO SPECIFICATION E0900364.
9. HARDEN TO RC 50.
10. FINISH: ELECTROPOLISH.
11. APPLY MOLYBDENUM DISULPHIDE TITANIUM COATING AS FINAL STEP DIMENSIONS APPLY AFTER COATING.

REV.	DATE	DCN #	DRAWING TREE #
v1	14 Feb. 2010	E1000028	E1000025
v3	20 May. 2010	E1000174	E1000025
v3	23 June 2010	E1000228	E1000025





NOTES AND TOLERANCES: (UNLESS OTHERWISE SPECIFIED)										
DIMENSIONS ARE IN INCHES TOLERANCES: .XX ± .015 .XXX ± .005 ANGULAR ± .5°	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.		CALIFORNIA INSTITUTE OF TECHNOLOGY MASSACHUSETTS INSTITUTE OF TECHNOLOGY		PART NAME: STEP 1 BOLT, STAGE 0-1 BLADE PUSHER, aLIGO BSC-ISI					
	MATERIAL: 420 SSTL SEE NOTE 11	FINISH: 32 µinch	SYSTEM: ADVANCED LIGO	SUB-SYSTEM: SEI	DESIGNER	S.BARNUM	09 Feb. 2010	SIZE: B	DWG. NO.: D0902599	REV.: v3
			NEXT ASSY: D0902464		DRAFTER	M.HILLARD	14 FEB 2010			
					CHECKER	F.MATICHARD	14 FEB 2010			
					APPROVAL	K.MASON	14 FEB 2010	SCALE: 1:1	PROJECTION:	SHEET 1 OF 1

D0902599 Step 1 Bolt, Stage 0-1 Blade Pusher, aLIGO BSC-ISI, PART PDM REV: X-009, DRAWING PDM REV: X-009