

NOTES CONTINUED:

5. SCRIBE, ENGRAVE, OR MECHANICALLY STAMP (NO DYES OR INKS) A UNIQUE THREE DIGIT NUMBER & REVISION NUMBER ON EACH PART. SERIAL NUMBERS START 001 FOR THE FIRST ARTICLE AND PROCEED CONSECUTIVELY. BAG AND TAG PARTS WITH THEIR DRAWING PART NUMBER, REVISION, VARIANT OR "TYPE" (IF APPLICABLE), AND QUANTITY. IF PARTS ARE TOO SMALL TO SCRIBE, BAGGING AND TAGGING ALONE IS SUFFICIENT.
 EXAMPLE (PART): 001-v1
 EXAMPLE (TAG): DXXXXXX-VY, TYPE-XX, QTY: TBD

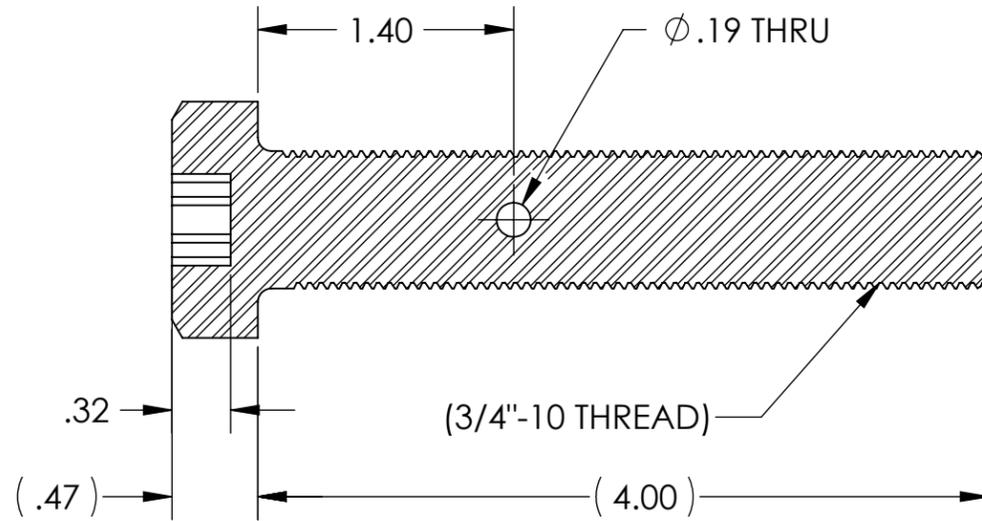
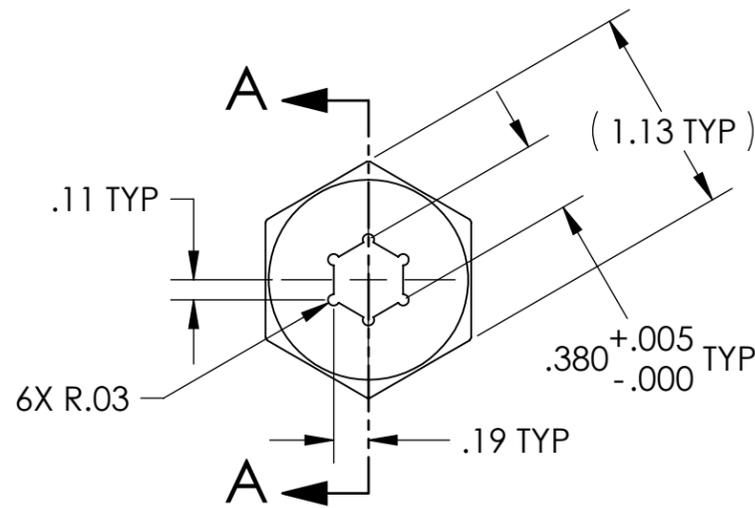
6. APPROXIMATE WEIGHT = 0.590 LB.

7. ALL PARTS SHALL BE MANUFACTURED IN ACCORDANCE WITH LIGO SPECIFICATION E0900364.

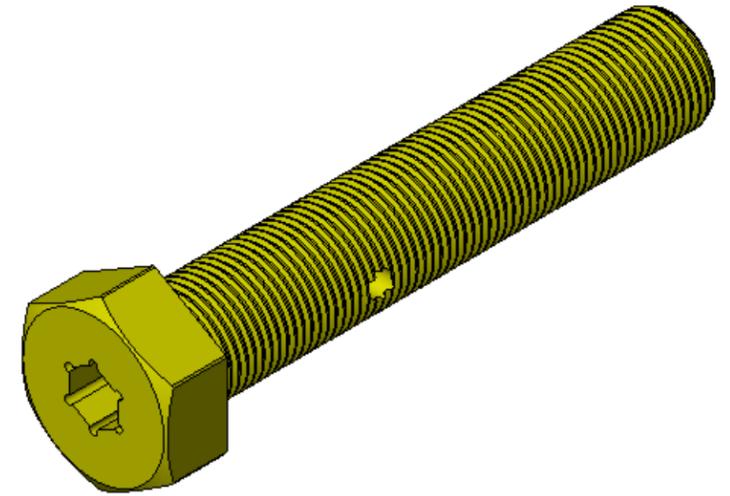
8. ALL MATERIAL IS TO BE VIRGIN MATERIAL (i.e. NO WELD REPAIRS, PLUGS OR RECYCLED MATERIAL). NO REPAIRS SHALL BE MADE UNLESS APPROVED IN ADVANCE, AND IN WRITING, BY LIGO LABORATORY. REFER TO LIGO-E0900364.

9. PART TO BE MADE FROM MC MASTER CARR P/N 92240A849.

REV.	DATE	DCN #	DRAWING TREE #
v1	19 OCT 2010	E1000285	-
v2	07 APR 2011	E1100216	-
-	-	-	-



SECTION A-A



D1001186_AdlIGO_AOS_Screw .75-10x4.0_92240A849, PART PDM REV: X-008, DRAWING PDM REV: X-014

NOTES AND TOLERANCES: (UNLESS OTHERWISE SPECIFIED)

DIMENSIONS ARE IN INCHES		1. INTERPRET DRAWING PER ASME Y14.5-1994. 2. REMOVE ALL SHARP EDGES 0.005" TO 0.0015". 3. DO NOT SCALE FROM DRAWING. 4. ALL MACHINING FLUIDS MUST BE FULLY SYNTHETIC, FULLY WATER SOLUBLE AND FREE OF SULFUR, SILICONE, AND CHLORINE. REFER TO LIGO E0900237 FOR LIST OF APPROVED COOLANTS.	
TOLERANCES: .XX ± .01 .XXX ± .005		MATERIAL 18-8 SSSL 9 FINISH 63 μinch	
ANGULAR ± 0.5°		NEXT ASSY D0901376	

CALIFORNIA INSTITUTE OF TECHNOLOGY MASSACHUSETTS INSTITUTE OF TECHNOLOGY		PART NAME SCREW HEX HD #3/4-10 X 4 MODIFIED	
SYSTEM ADVANCED LIGO	SUB-SYSTEM AOS	DESIGNER N.Nguyen	DATE 10 Sep 2010
CHECKER M. SMITH	DATE 15 NOV 2010	SIZE B	DWG. NO. D1001186
APPROVAL D. COYNE	DATE 20 NOV 2010	SCALE 1:1	PROJECTION FIRST ANGLE
		REV. v2	SHEET 1 OF 1