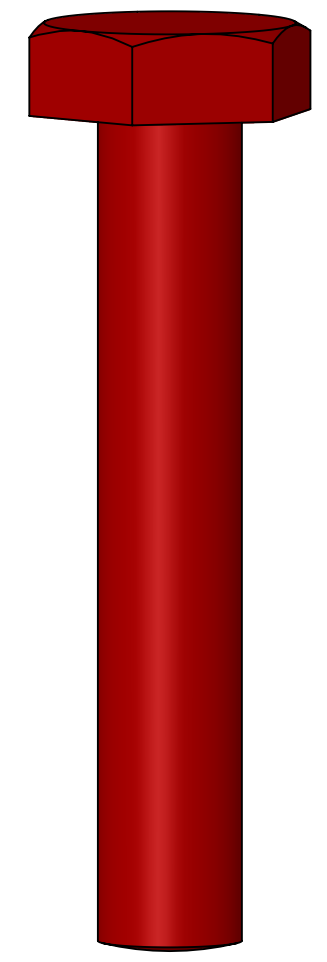
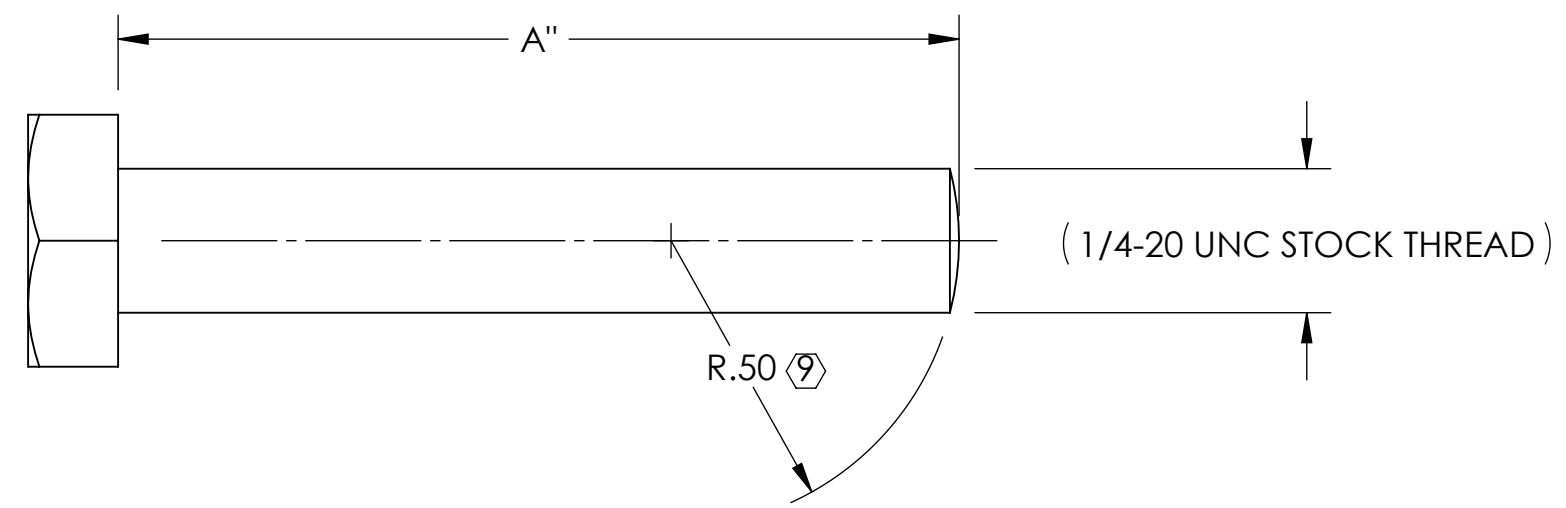
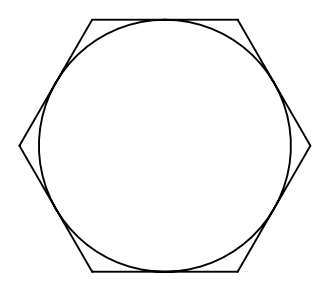


8 7 6 5 4 3 2 1

| REV. | DATE | DCN # | DRAWING TREE # |
|------|-------------|----------|----------------|
| v1 | 28 APR 2011 | E1100351 | - |
| v2 | 21 MAR 2012 | E1101214 | - |
| - | - | - | - |

- NOTES CONTINUED:**
- BAG AND TAG LOT WITH DRAWING NUMBER, REVISION, QUANTITY, AND LOT SERIAL NUMBER. LOT SERIAL NUMBERS START AT 001 AND PROCEED CONSECUTIVELY. EXAMPLE (TAG): DXXXXXX-VY, QTY: X, LOT S/N 001.
 - MASS
-01: 19 G [0.042 LB]
-02: 12.5 G [0.028 LB]
 - ALL PARTS SHALL BE MANUFACTURED IN ACCORDANCE WITH LIGO SPECIFICATION E0900364.
 - MAKE FROM: MCMASTER-CARR P/N 93190A552 OR EQUIVALENT PER ASME B18.2.1.
(HEX HEAD CAP SCREW, 1/4-20 UNC-2A FULLY THREADED, 316 STAINLESS STEEL)
 - 63 μINCH Ra FINISH APPLIES ONLY TO MACHINED SURFACE, STOCK THREAD AND PART SURFACES TO BE UN-MARRED.



| TYPE | DIM 'A' (+0/- .04) |
|------|--------------------|
| -01 | 2.50 |
| -02 | 1.50 |

| | | | | | | | |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|-------------------------------------------------------------------------------------------------|--|-------------------------------------------------------|--|
| <p>NOTES AND TOLERANCES: (UNLESS OTHERWISE SPECIFIED)</p> <p>DIMENSIONS ARE IN INCHES</p> <p>TOLERANCES: .XX ± .01 .XXX ± .005</p> <p>ANGULAR ± 1.0°</p> | | <p>1. INTERPRET DRAWING PER ASME Y14.5-1994. 2. REMOVE ALL SHARP EDGES, .005-.015. 3. DO NOT SCALE FROM DRAWING. 4. ALL MACHINING FLUIDS MUST BE FULLY SYNTHETIC, FULLY WATER SOLUBLE AND FREE OF SULFUR, SILICONE, AND CHLORINE.</p> | | <p>LIGO CALIFORNIA INSTITUTE OF TECHNOLOGY MASSACHUSETTS INSTITUTE OF TECHNOLOGY</p> | | <p>PART NAME TMS EARTHQUAKE STOP SCREW</p> | |
| <p>MATERIAL (8)</p> | | <p>FINISH 63 μinch Ra (9)</p> | | <p>SYSTEM ADVANCED LIGO</p> | | <p>SUB-SYSTEM AOS</p> | |
| <p>NEXT ASSY VARIOUS</p> | | <p>DESIGNER C. CONLEY 18 APR 2011</p> | | <p>SIZE DWG. NO. B D1100712</p> | | <p>REV. v2</p> | |
| | | <p>DRAFTER M. MILLER 29 APR 2011</p> | | <p>CHECKER SEE DCN</p> | | <p>SCALE: NONE PROJECTION: </p> | |
| | | <p>APPROVAL SEE DCN</p> | | <p>SHEET 1 OF 1</p> | | | |

D1100712 TMS Earthquake Stop Screw, PART PDM REV: X-022, DRAWING PDM REV: X-015

8 7 6 5 4 3 2 1