Graphics Lab Homework 5
AME 101 - Fall 2015

Dec. 1, 2015

Due Date: Dec 13, 2015 at 4:30pm. Submit as follows:
1. Soft Copy only: email a compressed (zipped) folder containing all necessary files to AME101F15 at gmail dot com by 4:30 pm on the due date. Use the filename LastnameFirstname-HW5.zip, where of course Lastname = your last name and Firstname = your first name.

Part: Crank

Create the part shown in picture A.
• The part is symmetric (along 2 planes)
• Holes are through holes
• Some of the holes are threaded (See instructions in picture A)
• Name your part crank.sldprt

Drawing: Crank

Recreate the drawings shown in picture B using crank.sldprt.
• Use A(ANSI) Landscape sheet size.
• Use appropriate scale and display style to reproduce picture B exactly.
• Name your drawing crank.slddrw
**The hole in DETAIL A is a Counterbore threaded hole with the settings as shown in the right window.**

**Counterbore:**
- Diameter = 0.250"
- Depth = 0.086"

**Hole:**
- Diameter = Screw size # × 0.013" × 0.060"
  - = #10 × 0.013" × 0.060"
  - = 0.190"

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**Picture A**