

SolidWorks, IET-265
Spring 2011, Week 6,

Name: _____

Revolve Features Evaluation, 20 Min

Day and date: _____

Revolve Features, Modified Part 10 points:

- Modify this part from your assignments from Week 6 (1 point)
- ANSI dimensioning standard, units in millimeters (1 point)
- Front Plane symmetry with fully defined sketches (1 point)
- Proper material, rename your features (1 point)
- Location of origin (1 point)
- Place a full round fillet, vertical, on the right side of the part on the front, right and back faces (2 points)
- Create two configurations of this part, one with the original design and one with the new fillet (2 points)
- Determine the center of mass of the modified part, put in your email (1 point)

Revolve Features, Modeling Part 10 points:

- Model this part per the drawing provided (3 points),
- ANSI dimensioning standard, units in millimeters (1 point)
- Material is Commercial Bronze (1 point)
- Rename your features (1 point)
- Right Plane symmetry with fully defined sketches (1 point)
- Location of origin (2 point)
- Determine the center of mass of the modified part, put in your email (1 point)
- Errors (0.5 points each)
- Hint, there are a number of ways, that have been used in class, to model this part