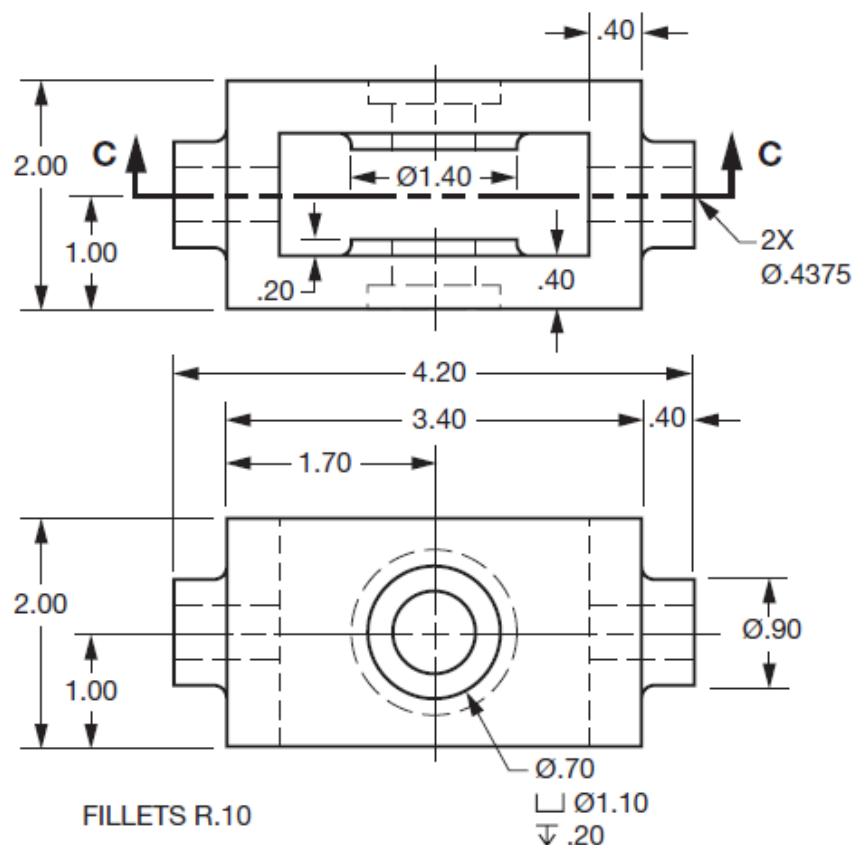


Each Question should be saved and submitted as its own part file (.SLDPRT) or drawing file “.SLDDRW” with filename “Your Name – Question No.” All sketches and parts should be fully defined (except for patterned entities). In case there is a part (a) and part (b) in the same question, submit each part individually.

Submission Instruction: You can submit your files on Canvas by going to Assignments → Early Feedback Assessment → Submit Assignment (top right of the screen).

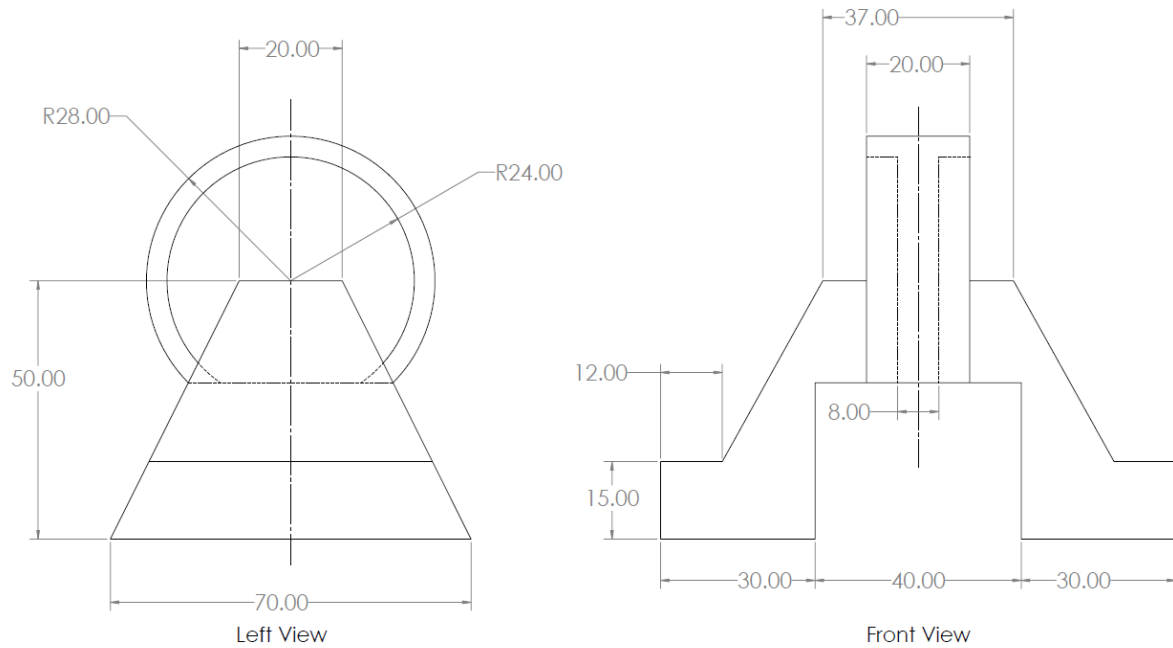
Question 1: (40 pts)

- a) (20 pts) Create the 3D Model of the Part below in Solidworks. All units are in inches. The Front View and Top View are provided. The drawing was created in 3rd Angle projection.
- b) (20 pts) Create a fully dimensioned Orthographic drawing of the part with the Top View and Front view as indicated. Use A4 (ANSI) Portrait format. The Drawing Title shall be “Coupling” and the Drawing Number is “OENG1205-A1P1”. Be sure to put your name in the drawing at the appropriate field.



Question 2: (20 pts)

Create the 3D model of the part below in Solidworks. All units are in millimeters.



Question 3: (40 pts)

- a) (20 pts) Create a 3D model for the Shoulder Stop below in Solidworks. All units are in inches. The hole in the center has diameter of 1.6 inch. The part is symmetric.
- b) (20 pts) Using the 3D model, create a fully dimensioned drawing with the necessary view to represent this part in Solidworks. Use A4 (ANSI) Landscape format. The Drawing title is “Shoulder Stop” with part number “OENG1205-A1P3”. Be sure to put your name in the drawing at the appropriate field.

