

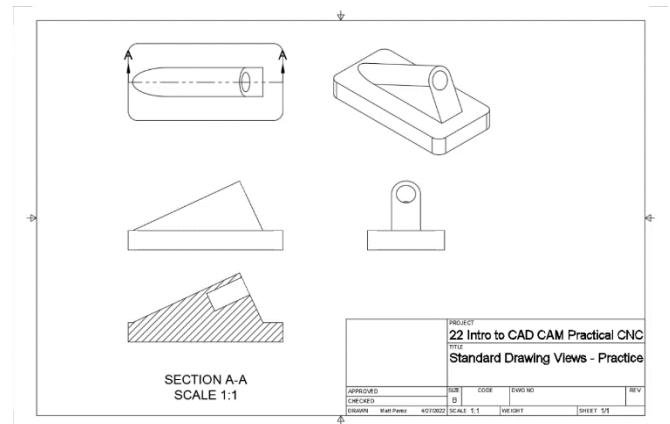
Exercise duration: ~15 minutes

Create a detailed drawing

Create a detail drawing using 3rd Angle Projection for all views needed to define a design.

Learning objectives:

- Create a detailed drawing.
- Use Projected View.
- Use Section View.



The completed exercise

1. Upload and open the supplied dataset, ***Standard Drawing Views - Practice.f3d***.

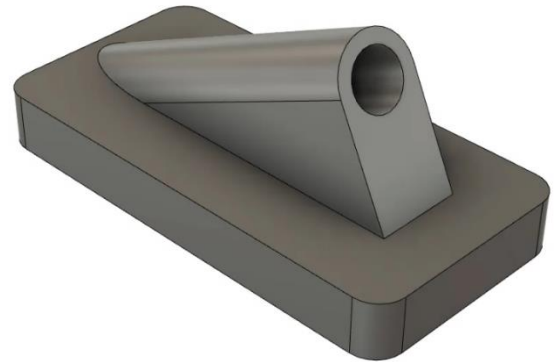


Figure 1. Uploaded design.

2. Navigate to the Drawing From Design option in the Workspace Picker and create a new drawing using the default settings and sheet size.



Figure 2. New Drawing Selection

3. Place the FRONT drawing view in the lower left section of the drawing sheet to start a 3rd Angle Projection drawing with a scale of 1:1 and visible edges only.

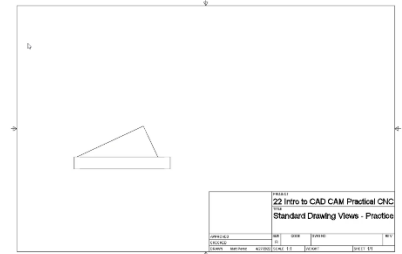


Figure 3. Place Drawing View

4. Use Projected View to create the TOP, RIGHT and ISOMETRIC views for a 3rd Angle Projection drawing.

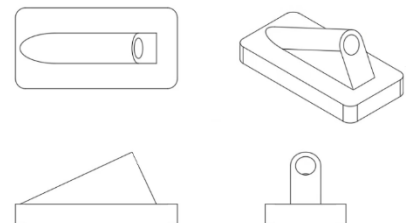


Figure 4. Projected Views

5. Use Section View to create a section along the midline of the TOP view and place it on the sheet below the FRONT view.

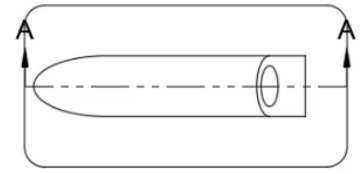


Figure 5. Section View

6. Add any additional views you feel are needed and save the drawing.

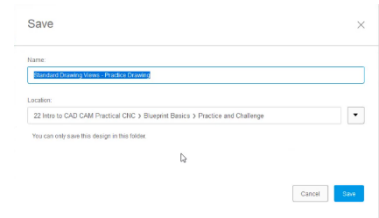


Figure 6. Save