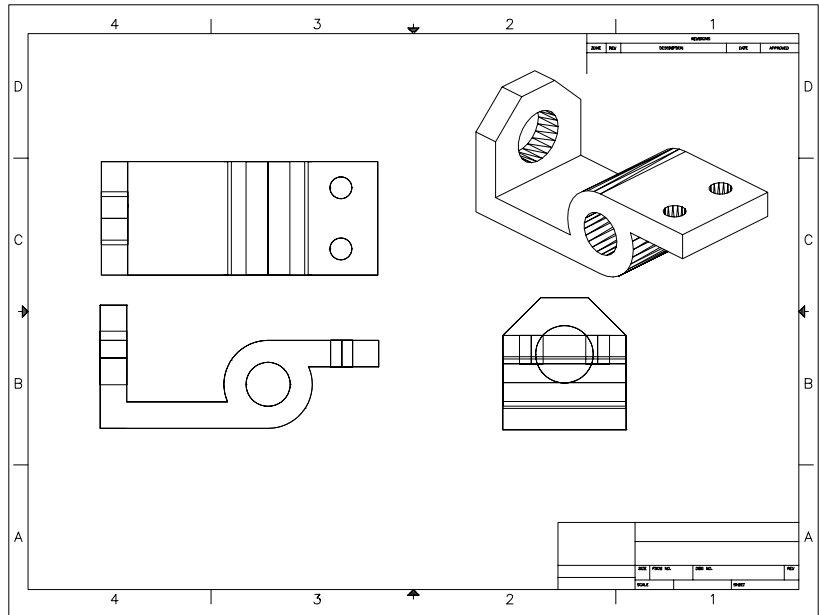# CHAPTER 42 EXERCISES

1. *Mvsetup*

Open the drawing that you created in Exercise 3 from Chapter 38. Using *Mvsetup*, create *Viewports* using the *Standard Engineering* option and *Insert* a "C" Size Titleblock. Your drawing should look similar to Figure ME42-1. *SaveAs* **CH42EX1-M.**
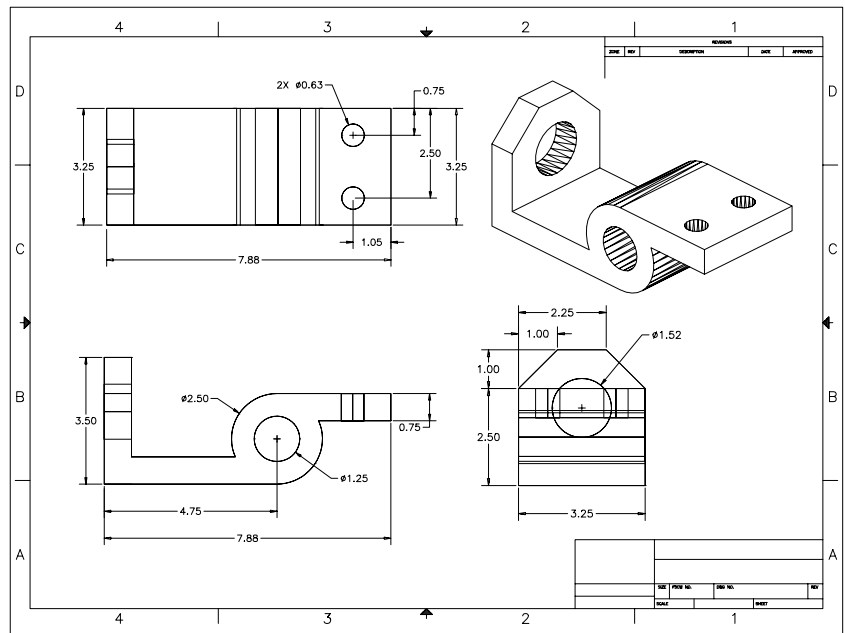
Figure ME42-1 ────────────

2. Creating Dimensions

Open the **CH42EX1-M** drawing from the previous exercise. Dimension the drawing as shown in Figure ME42-2. Create a layer for each of the three dimension planes (one for each viewport). If you need help, follow the procedures outlined in Chapter 42. *SaveAs* **CH42EX2-M**.
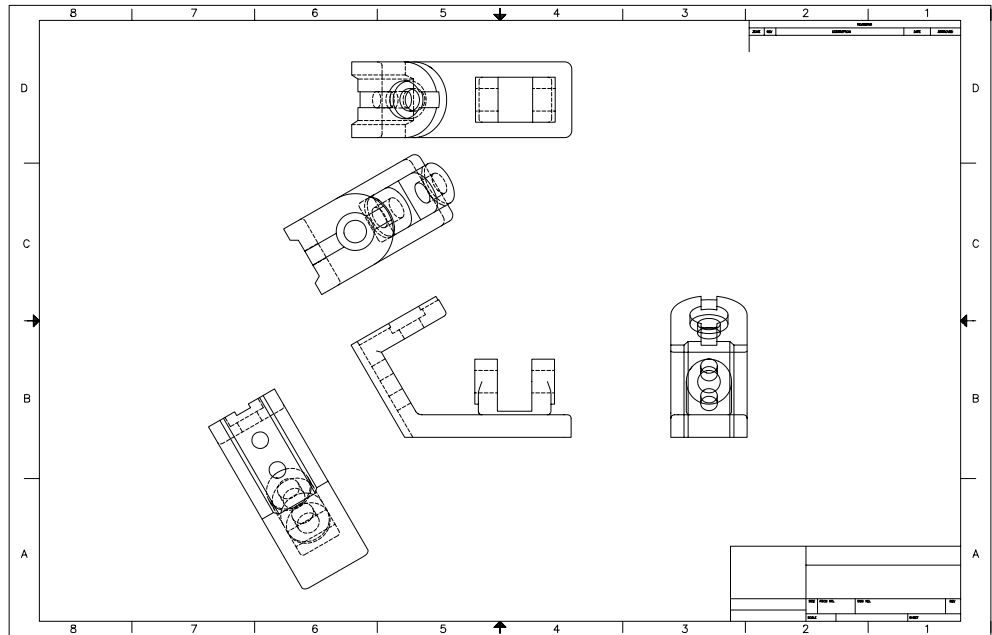
Figure ME42-2 ────────────

3. *Solview* **and** *Soldraw*

Figure ME42-3 ──────────────

Open **CH38EX4-M** that you created in Chapter 38 Exercises. Change the **UCS** so that it is parallel with the front profile of the model. Activate a *Layout* tab. Use the *Page Setup* dialog box to set a *Plot Device* and *Paper size* for a metric "D" size sheet. Use *Solview* with the *UCS* option to create the front view using a *Scale* factor of **1**. Use the *Ortho* option to create the top and right side views, then use the *Auxiliary* option to create views to display the two inclined surfaces as shown in Figure ME42-3. Finally, *Insert* a title block, *Freeze* the viewport borders, and *SaveAs* **CH42EX3-M.**

4. *Solview* **and** *Soldraw*

Figure ME42-4 ──────────────

Create a multi-view drawing from the solid model you created of the caster assembly (CH38EX2-M) from Chapter 38 Exercises. Use *Solview* and *Soldraw* to create a multiview drawing as shown in Figure ME42-4. *SaveAs* **CH42EX4-M.**