CHAPTER 42 EXERCISES

1. **Msetup**

   *Open* the drawing that you created in Exercise 3 from Chapter 38. Using **Msetup**, 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](image)

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](image)
3. **Solview and Soldraw**

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**

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.