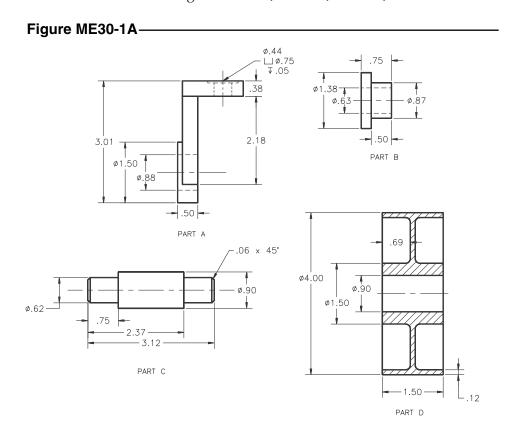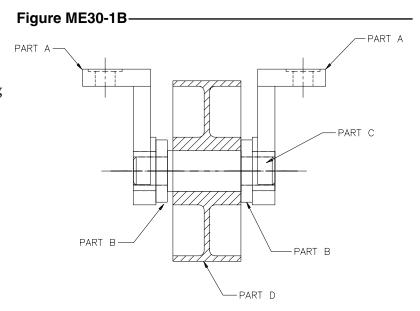# CHAPTER 30 EXERCISES

1. **Assembly**

    Draw each of the parts shown in Figure ME30-1A. Create each part as a separate drawing, but
    do not include the dimensions. *Save* the drawings as **PARTA, PARTB, PARTC,** and **PARTD**.

Figure ME30-1A

Create a new drawing and use
the *Attach* option of the *Xref*
command to assemble the indi-
vidual parts as shown in Figure
ME30-1B. *Save* the new drawing
as **CH30EX1-M**.

Figure ME30-1B

2. Tools

Draw each of the tool components shown in Figure ME30-2A and save as separate drawings. Do not include the dimensions in your drawings. Save the drawings as **HANDLE, SLOT**, and **AWL**.

Begin a *New* drawing and use the *Attach* option of the *Xref* command to assemble two complete tools as shown in Figure ME30-2B. *Save* the new drawing as **CH30EX2-M.**
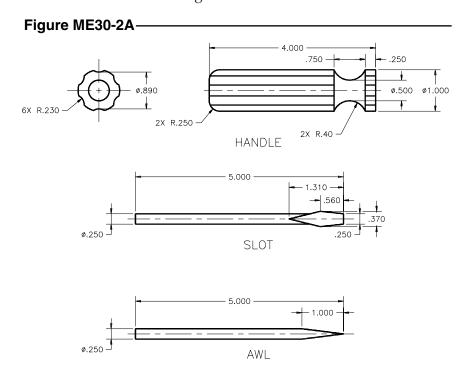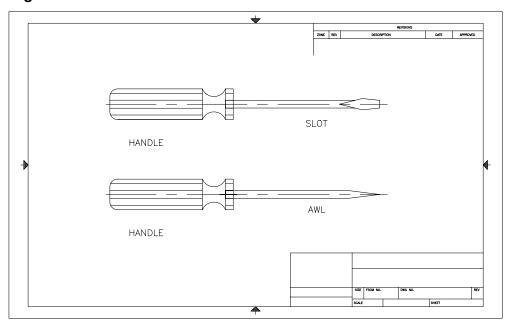
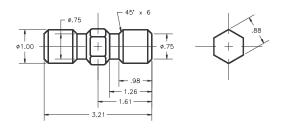**Figure ME30-2A**

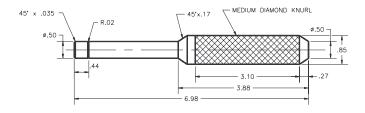HANDLE

SLOT

AWL

Figure ME30-2B

3. Hammer

Complete three separate drawings of the three parts shown in Figure ME30-3A. Do not include the dimensions in your drawings. Assign appropriate names to the three drawings when you *Save* them.

Begin a *New* drawing and *Xref* each part into it as shown in Figure ME30-3B. *Save* the new drawing as **CH30EX3-M.**
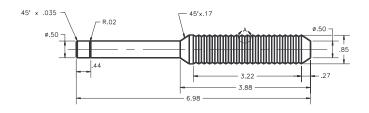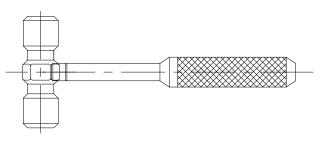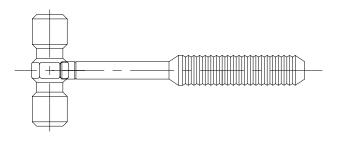
Figure ME30-3A

Figure ME30-3B

4. Parts

Complete three separate drawings of the three parts shown in Figure ME30-4A. Create each view on a separate layer. Do not include the dimensions in your drawings. Assign appropriate names to the three drawings.

Begin a *New* drawing and *Xref* each part to create an assembly as shown in Figure ME30-4B. Use the appropriate layer settings to display only the needed views as shown. *SaveAs* **CH30EX4-M.**

Figure ME30-4A

Figure ME30-4B