

Exercise 16-1

1. Start AutoCAD if it is not already started.
2. Start a new drawing from scratch or use a template of your choice. Save the drawing as EX16-1.
3. Open the **Dimension Style Manager** dialog box and create a new style named Mechanical or Architectural, depending on your area of interest. Base the new style on the Standard style.
4. Use the **Lines** and **Symbols and Arrows** tabs to make the following settings based on your preferred drafting field.

| Setting | Mechanical— Inch | Mechanical— Metric (mm) | Architectural— US Customary |
|--------------------------|---|---|--|
| Dimension line spacing | .50 | 12 | 1/2" |
| Extension line extension | .125 | 3 | 1/8" |
| Extension line offset | .063 | 1.5 | 1/16" |
| Arrowheads | Closed filled, Closed blank, or Open | Closed filled, Closed blank, or Open | Architectural tick, Dot, or Oblique |
| Arrowhead size | .125 | 3 | 1/8" |
| Center type | Line | Line | Mark |
| Center size | .0625 | 1.5 | 1/16" |

5. Pick **OK** and then pick **Close**.
6. Resave and close the file.
7. Keep AutoCAD open for the next exercise, or exit AutoCAD if necessary.