Exercise 20-7

1. Continue from Exercise 20-6 or start AutoCAD.
2. Start a new drawing from scratch or use a decimal-unit template of your choice. Save the drawing as EX20-7.
3. Set up appropriate layers, including a layer for dimensions.
4. Create a dimension with a diameter symbol similar to the dimension shown in Figure 20-3. Use an appropriate dimension style.
5. Copy the dimension five times to create six dimensions.
6. Use the **Properties** palette to edit the first (original) dimension as follows.
   A. Change the Arrow 1 property so the arrowhead is an architectural tick.
   B. Change the Dim line color setting to Red.
   C. Turn the Ext line 1 option off.
7. Edit the second dimension as follows.
   A. Change the Text color setting to Yellow.
   B. Change the Text height setting to 0.5000.
8. Edit the third dimension by changing the Dim scale overall setting to 2.000.
9. Edit the fourth dimension as follows.
   A. Change the Dim units setting to Fractional.
   B. Change the Precision setting to 0 1/256.
10. Edit the fifth dimension as follows.
    A. Turn the Alt enabled option on.
    B. Change the Alt precision setting to 0.0000.
11. Edit the sixth dimension as follows.
    A. Change the Tolerance display setting to Limits.
    B. Change the Tolerance limit lower setting to 0.0001.
    C. Change the Tolerance limit upper setting to 0.0002.
12. Resave and close the file.
13. Keep AutoCAD open for the next exercise, or exit AutoCAD if necessary.

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