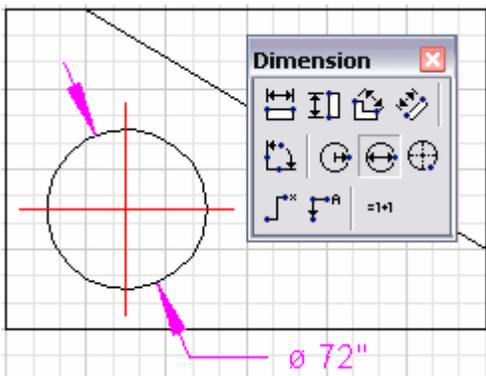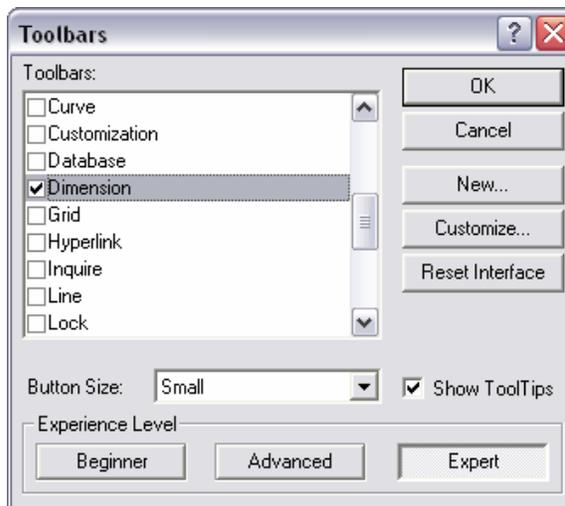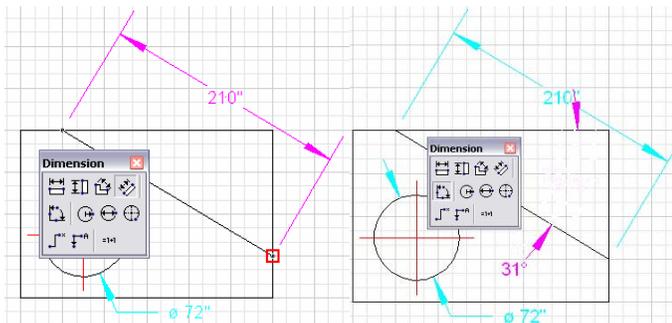# Adding Dimensions

Dimensions should be added quickly and systematically. Place all of them before making them look nice. To speed up placement, use the Dimension toolbar instead of the menu.. View >> Toolbars…

Check the Dimension Toolbar and click OK.

Place a Diameter Dimension by selecting Diameter on the toolbar and clicking anywhere on the curve. For a radius, do the same except select Radius.

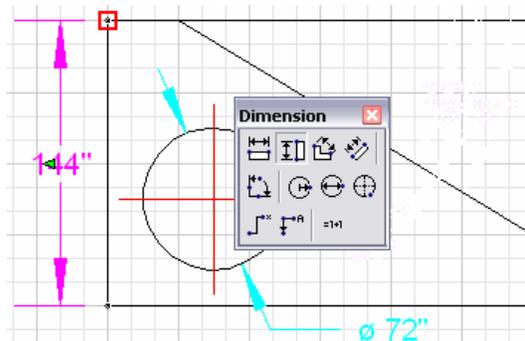Place an Aligned Dimension by selecting it from the toolbar and clicking on the ends of the line.

Place an Angular Dimension by selecting it from the toolbar and clicking on the lines. Click once more to place the measurement.

Aligned Dimensions and Angular Dimensions are rarely desired. Hold down shift, select both dimensions, and press the Delete key.

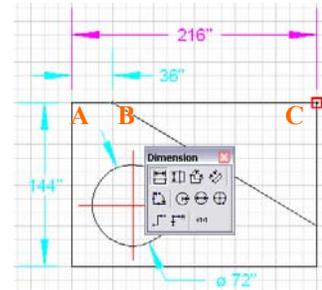Place a Vertical Dimension by selecting it from the toolbar and clicking on the ends of the line.

Horizontal Dimensions are placed in the same manner except horizontally.

NOTE: Use of the appropriate Snap (emphasis on use of Centerpoint and Endpoint Snaps) will improve the accuracy of the dimensions.

QuickCAD has multiple Dimension Methods with Single as the default. Chained places dimensions as the user clicks from point to point along a row. Baseline allows the user to place a multiple dimensions from the same point.

Place a horizontal dimension with Baseline selected by selecting it from the toolbar and Edit Bar, respectively, and clicking once at intersections A, B, and C as labeled.
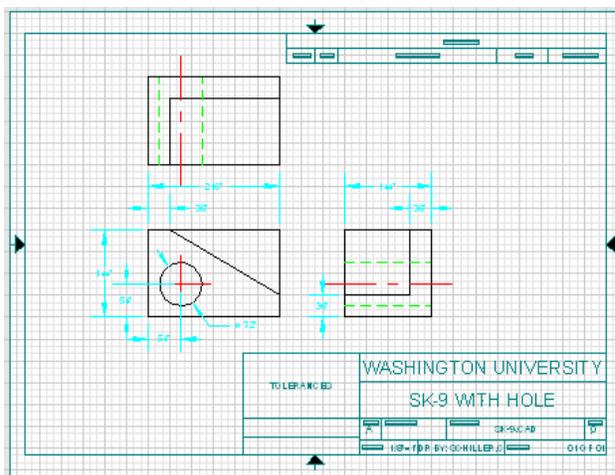
NOTE: It is bad practice to use Baseline for more than three clicks on any single line. Instead, use Chained dimensions encompassed by a Single dimension.

Place all of the remaining dimensions using different Dimension Methods as convenient.
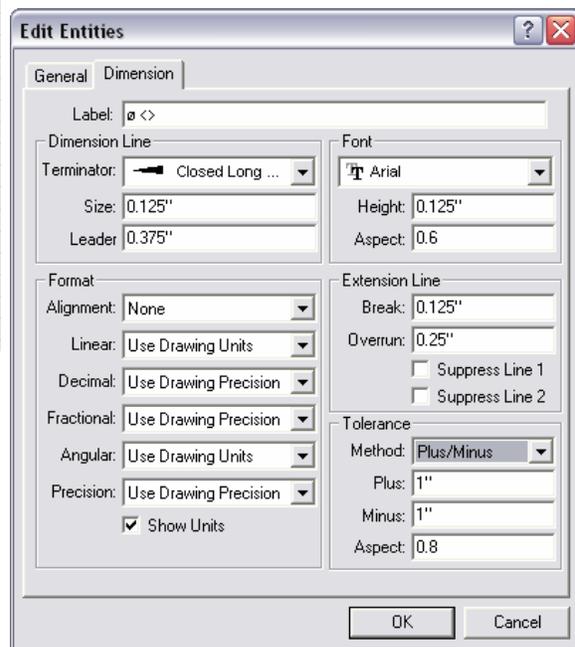
Now that everything has been placed, begin making them more organized. This is done by double clicking the dimension. Click and drag the triangle to move the arrows, the square to move the measurement, and the circles to move the leaders

NOTE: To speed up the organizing, advanced users change the Initial Offset of the Dimension in the Edit Bar before placing the Dimension.
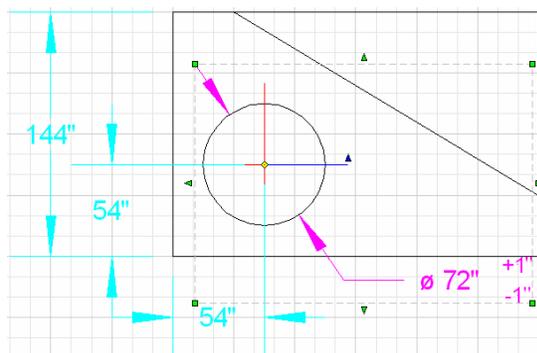
Continue to organize all of the dimensions to ensure quick and accurate interpretation of all figures in the drawing.

To modify a dimension, select it and Right-Click >> Entities… >> Dimension

Make the desired changes and click OK.

This allows for tolerancing, here +/-1.   This allows for a different Label with any character on the Character Map via the Ctrl+V key combo.

>>End Adding Dimensions.