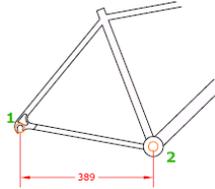


This guide covers some of the most commonly using AutoCAD commands for dimensioning objects in a drawing.

When dimensions are placed in a drawing, they will be assigned the style that is current in the drawing. These style are set by selecting a style from the drop-down menu located on the *Dimensions* panel on the *Annotate* ribbon. See the Styles section below for more information on dimension styles.

Linear

Creates a linear dimension between two points on a drawing object. The dimension will be measured and displayed in the horizontal or vertical direction.

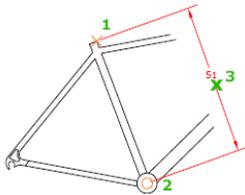


Command: DIMLINEAR

Icon: 

Aligned

Creates an aligned dimension between two points on a drawing object. The dimension will be measured and displayed between the two points that are selected.

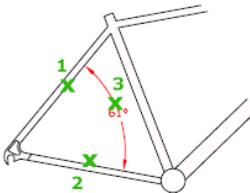


Command: DIMALIGNED

Icon: 

Angular

Creates a dimension that displays the angle between two objects in a drawing.

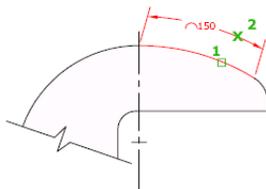


Command: DIMANGULAR

Icon: 

Arc Length

Creates a dimension that displays the length of an arc.

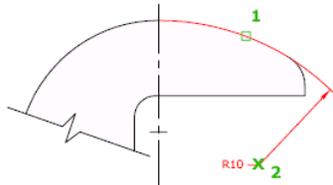


Command: DIMARC

Icon: 

Radius

Creates a dimension that displays the radius of a circle or an arc and places a marker at the center point of the circle or arc.

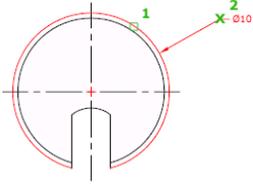


Command: DIMRADIUS

Icon: 

Diameter

Creates a dimension that displays the diameter of a circle or an arc and places a marker at the center point of the circle or arc.

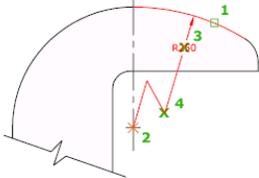


Command: DIMDIAMETER

Icon:

Jogged

Creates jogged dimensions for circles or arcs.



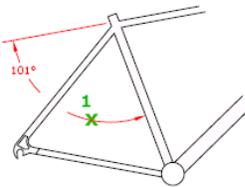
Command: DIMJOGGED

Icon:

Other Dimension Commands

Break

Breaks or restores dimension lines when they cross other objects

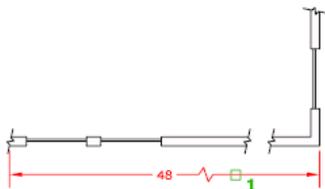


Command: DIMBREAK

Icon:

Dimension Jog Line

Adds or removes a jog line on a linear or angular dimension

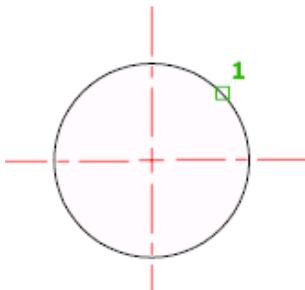


Command: DIMJOGLINE

Icon:

Center Mark

Displays a center mark for an arc or circle



Command: DIMCENTER

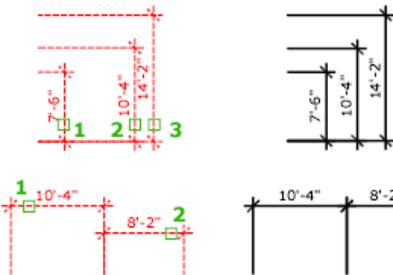
Icon:

Adjust Space

Adjusts the spacing between linear or angular dimensions.

When you start the command, you will be prompted to select a base dimension. This will be the dimension object that the spacing of the other dimensions will be referenced to. You will then be prompted to select the dimensions to space.

After you select the dimensions to space, hit enter. Next, you will be asked for a spacing value.



If you are spacing dimensions an even interval apart, as shown in the example to the left, select Auto spacing or provide a distance that you want the dimension lines spaced apart.

If you are lining up adjacent dimensions as shown in the example to the left, enter a value of 0 for the spacing.

Command: DIMSPACE

Styles

The dimension style provided with the Minnesota drawing template is the *Dim* dimension style. This is an annotative dimension style, meaning that its scale in model space can be controlled using the annotative scale for the drawing. The annotative scale is changed from the Application Status Bar at the bottom of the window. When this scale is changed, the dimension text and leaders will be automatically rescaled. For annotative dimensions to work properly, make sure the two icons immediately to the right of the list of annotative scales are activated.

