Chapter 26
Dimensioning
AutoCAD 2D Tutorial

Linear Dimensions 26.1

1. **Choose** Dimension, Linear.
   
   or

2. **Click** the Linear Dimension command from the toolbar.
   
   or

3. **Type** DIM at the command prompt.

   Command: **DIM**

   Dim: HOR or VER
AutoCAD 2D Tutorial

Aligned Dimensions 26.2

1. **Choose** Dimension, Aligned.

   or

2. **Click** the Aligned Dimension command from the toolbar.

   or

3. **Type** DIM at the command prompt.

   Command: **DIM**

   Dim: **ALIGNED**
Arclength Dimensions 26.3

1. Choose Dimension, Arclength.
   or
2. Click the ArcLength Dimension command from the toolbar.
Radial Dimensions 26.4

1. **Choose** Dimension, Radius or Diameter.
   
   or

2. **Click** the Radial Dimensions command from the toolbar.

3. **Type** DIM at the command prompt.
   
   Command: **DIM**
   
   Dim: **RADIUS or DIAMETER**
Angular and Jogged Dimensions 26.5

1. **Choose** Dimension, Angular.
   or
2. **Click** the Angular Dimensions command from the toolbar.
   or
3. **Type** DIM at the command prompt.
   Command: **DIM**
   Dim: **ANGULAR**
1. **Choose** Dimension, Jogged.
   
   or
   
2. **Click** the Jogged Dimensions command from the toolbar.

3. **Type** DIM at the command prompt.
   
   Command: **DIM**
   
   Dim: **JOGGED**

![Dimension tool options](image)

![R1.3423 arc with jogged dimension](image)
Baseline Dimensions 26.6

1. **Choose** Dimension, Baseline.
   or
2. **Click** the Baseline Dimensions command from the toolbar.
   or
3. **Type** DIM at the command prompt.
   
   Command: **DIM**
   
   Dim: **BASELINE**
1. Choose Dimension, Continue
   
or
2. Click the Continue Dimensions command from the toolbar.
   
or
3. Type DIM at the command prompt.
   Command: **DIM**
   Dim: **CONTINUE**
Leaders 26.8

1. Choose Dimension, Leader...
   or
2. Click the Leader icon from the Dimension toolbar.
3. Type QLEADER at the command prompt.
   Command: QLEADER
Leader Settings

1. **Type**
   - QLEADER at the command prompt.
   - Command: **QLEADER**

2. **Type**
   - "S" at the QLEADER prompt to change the leader settings.

3. **Choose**
   - a setting from the following dialog box.

![Leader Settings dialog box](image)
Quick Dimensions 26.9

Quickly creates dimension arrangements from the geometry you select.

1. **Choose** Dimension, QDIM.

   or

2. **Click** the Quick Dimension icon from the Dimensions toolbar.

   or

3. **Type** QDIM at the command prompt.

   Command: **QDIM**

4. **Pick** the objects to dimension.
Modifying Dimensions 26.10

DDEDIT

1. Choose Modify, Object, Text.
2. Choose the dimension text to modify.

**TIP:** The actual dimension is placed in brackets <>. Text can be placed in front of or behind these brackets. If text is placed between the brackets, the dimension loses its associative properties.

Stretching Dimensions

1. Choose Modify, Stretch.
2. Choose a crossing window around the area to stretch. Be sure to include the dimension endpoints.
DIMTEDIT

Moves and rotates dimension text

1. Choose Dimension, Align Text. or
2. Type DIMTEDIT at the command prompt.

Command: DIMTEDIT

Select dimension: select object

Enter text location (Left / Right / Angle):

**Dimension Edit Commands**

<table>
<thead>
<tr>
<th>Command</th>
<th>Description</th>
</tr>
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<tbody>
<tr>
<td>HOMetext</td>
<td>Moves the Dimension text back to its home (default) position.</td>
</tr>
<tr>
<td>NEWtext</td>
<td>Modifies the text of the Dimensions.</td>
</tr>
<tr>
<td>Rotate</td>
<td>Rotates dimension text.</td>
</tr>
<tr>
<td>OBlique</td>
<td>Sets the obliquing angle of Dimension extension lines.</td>
</tr>
<tr>
<td>OVerride</td>
<td>Overrides a subset of the Dimension variable settings.</td>
</tr>
<tr>
<td>UPdate</td>
<td>Redraws the Dimensions as directed by the current settings of all dimensioning variables.</td>
</tr>
</tbody>
</table>
Ordinate Dimensions 26.11

1. **Choose** Dimension, Ordinate
   or
2. **Type** DIMORDINATE at the command prompt.
   Command: Dimordinate