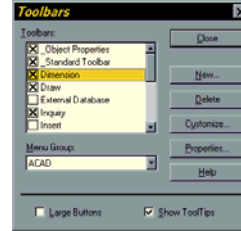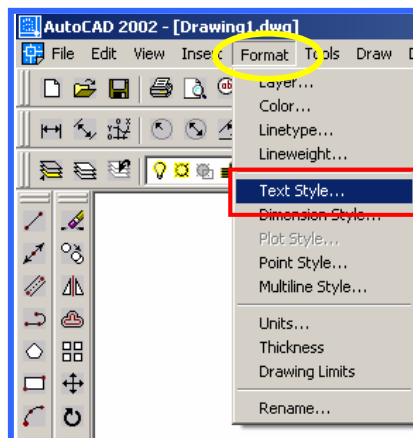# Dimensions in AutoCAD

Dimensioning in AutoCAD is automatic; lines, arrows and text are all taken care of by the dimension commands.

AutoCAD dimensions are special blocks which can easily be edited or erased as necessary.
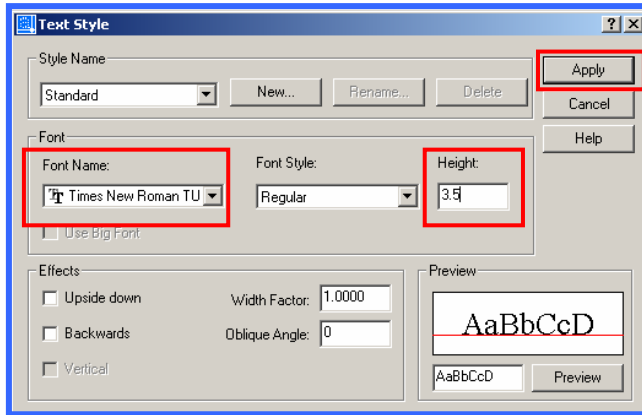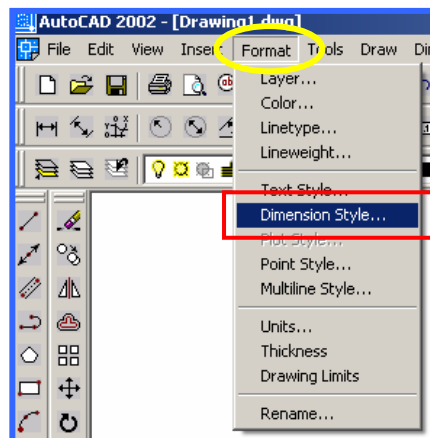
Dimensioning in AutoCAD

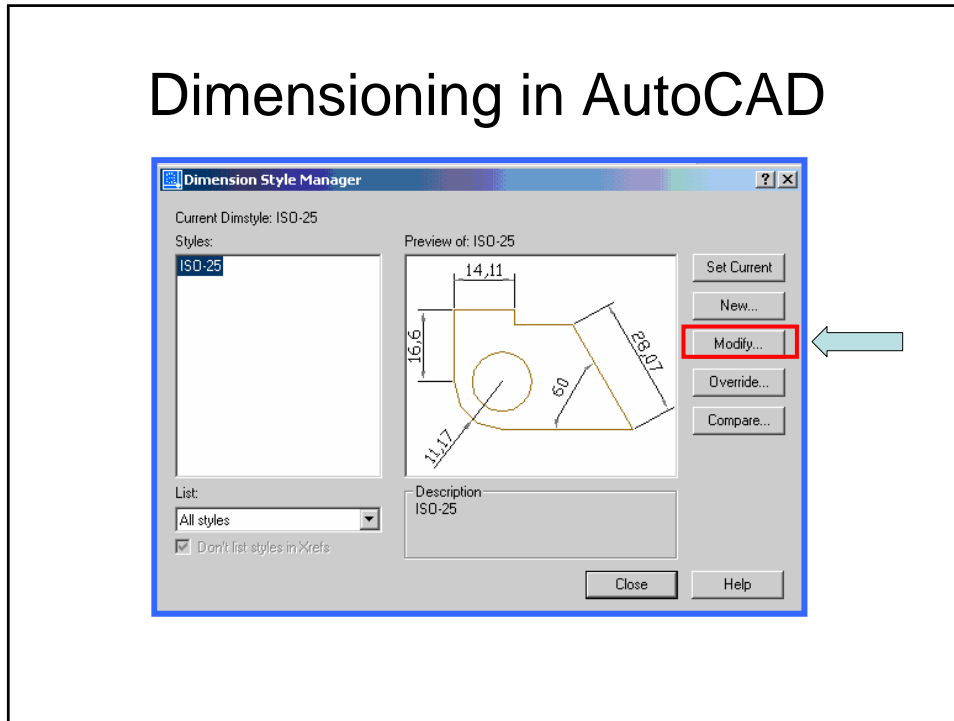**Before setting dimension style, format Text Style**

Dimensioning in AutoCAD
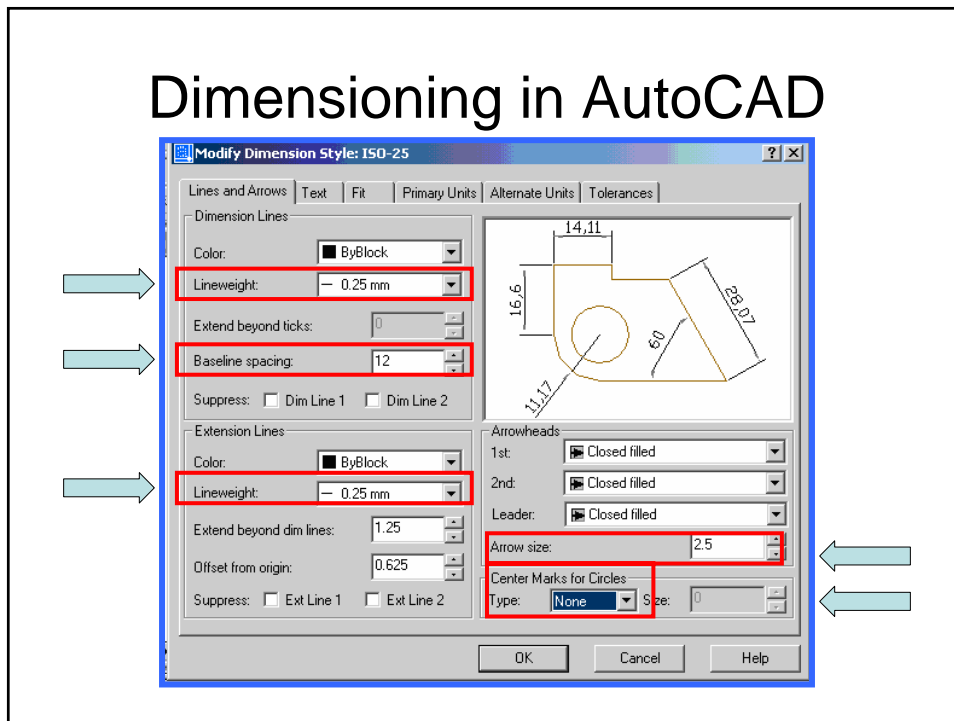

Dimensioning in AutoCAD

To set the dimension varialbes
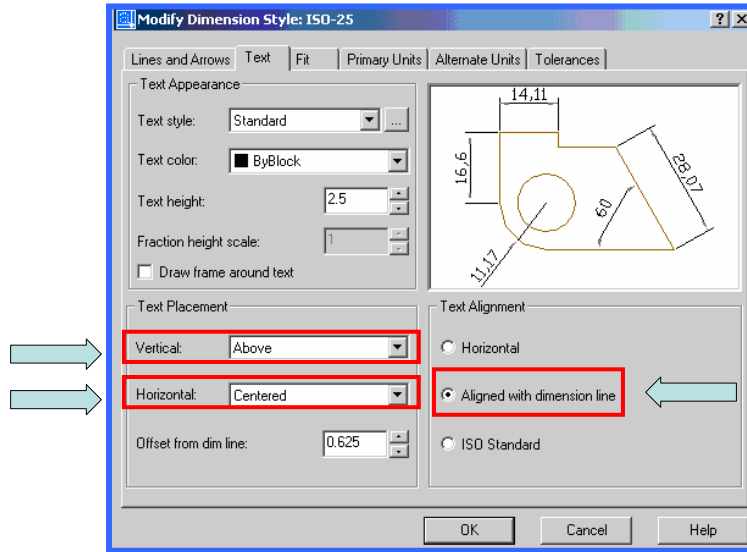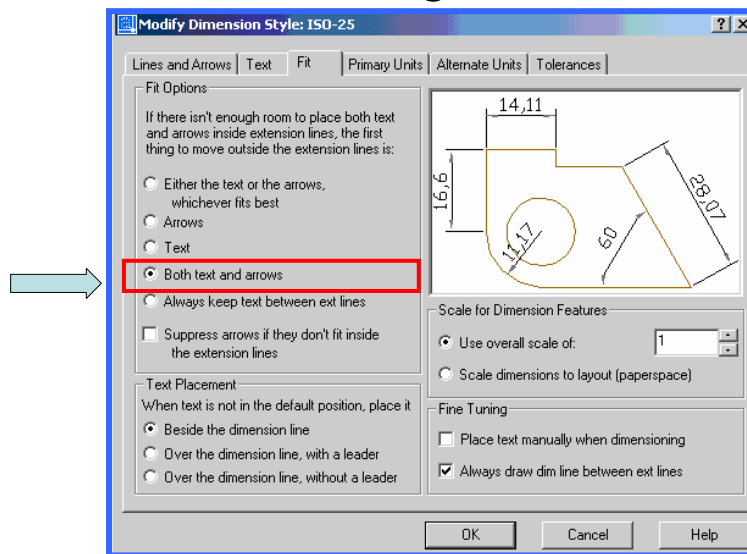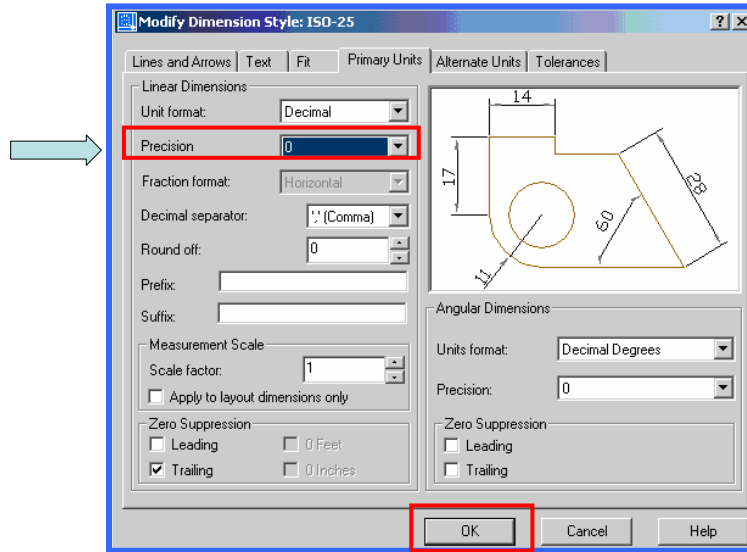
open Dimension Style …

Dimensioning in AutoCAD

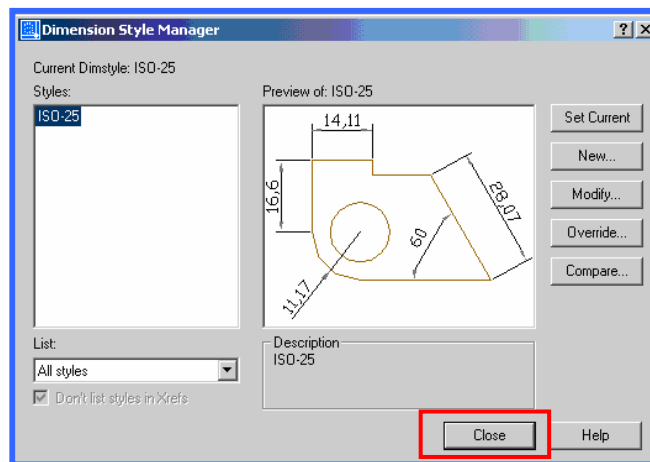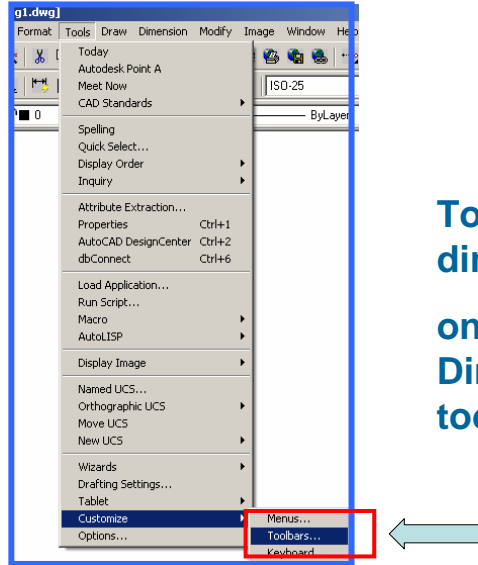# Dimensioning in AutoCAD

3

Dimensioning in AutoCAD

Dimensioning in AutoCAD

4

Dimensioning in AutoCAD

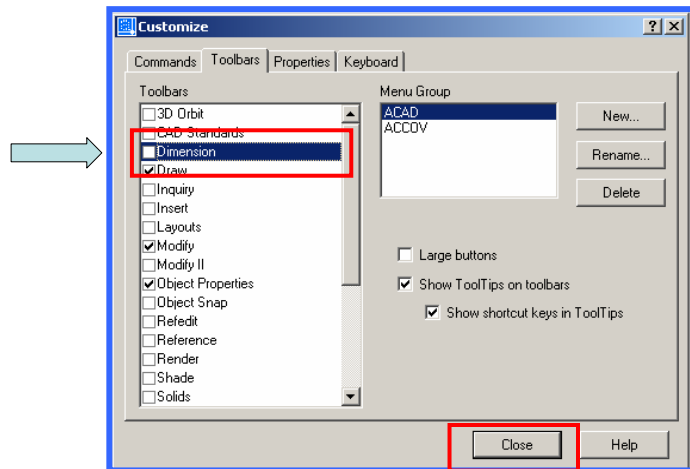# Dimensioning in AutoCAD

5

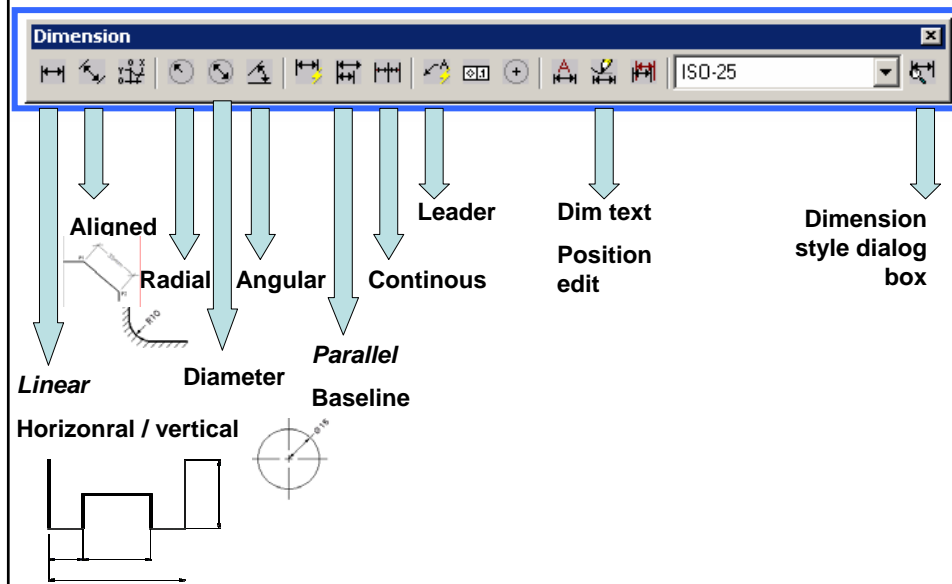# Dimensioning in AutoCAD

To give dimensions,

one needs Dimensioning toolbar

Dimensioning in AutoCAD

Dimensioning in AutoCAD

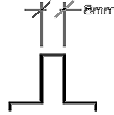# Special Characters

- Diameter %%C Ø
  i.e. %%C 50 Ø 50
- Degree %%D °
  i.e. 50 %%D 50 °
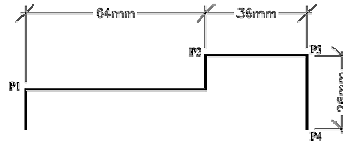- Plus/minus %%P ±
  i.e. 50 %%P 2 50 ± 2

Dimensions in AutoCAD

The Linear Dimension Command

Toolbar	
Pull-down	Dimension/Linear
Keyboard	DIMLINEAR

The Continue Dimension Command

Toolbar	
Pull-down	Dimension/Continue
Keyboard	DIMCONTINUE

The Baseline Dimension Command

Toolbar	
Pull-down	Dimension/Baseline
Keyboard	DIMBASELINE

Dimensions in AutoCAD

The Aligned Dimension Command

Toolbar	
Pull-down	Dimension/Aligned
Keyboard	DIMALIGNED
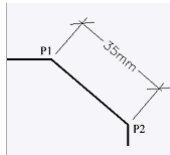
The Diameter Dimension Command

Toolbar	
Pull-down	Dimension/Diameter
Keyboard	DIMDIAMETER
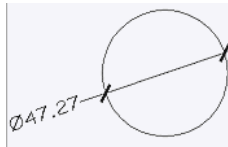
The Radius Dimension Command

Toolbar	
Pull-down	Dimension/Radius
Keyboard	DIMRADIUS

Dimensions in AutoCAD

The Angular Dimension Command

Toolbar	△
Pull-down	**Dimension/Angular**
Keyboard	**DIMANGULAR**

124°
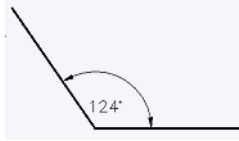
The Leader Command

Toolbar	↗
Pull-down	**Dimension/Leader**
Keyboard	**LEADER**

57.51 Home   57.51 Left   57.51 Right   57.51 Angle

The Dimension Text Edit Command

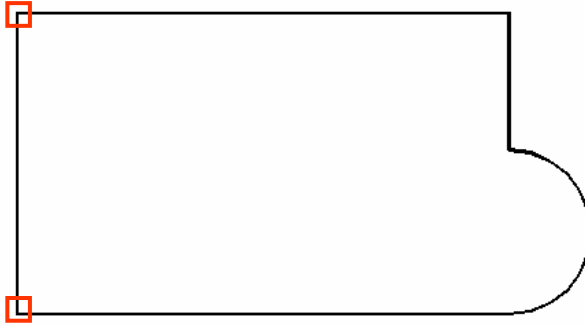|	
Toolbar	A
Pull-down	**Dimension/Align Text**/*options*
Keyboard	**DIMTEDIT**
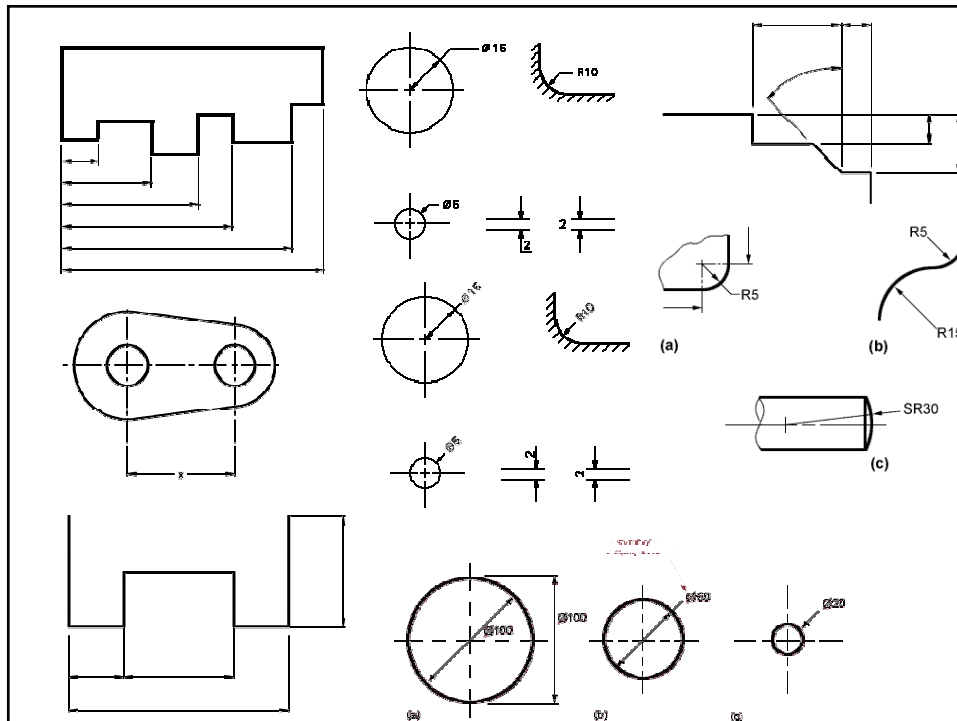
Example

1st Select icon

2nd Select point

+

4th point here

3rd Select point

Example

10