



AUTODESK
AUTOCAD

CAD Lab

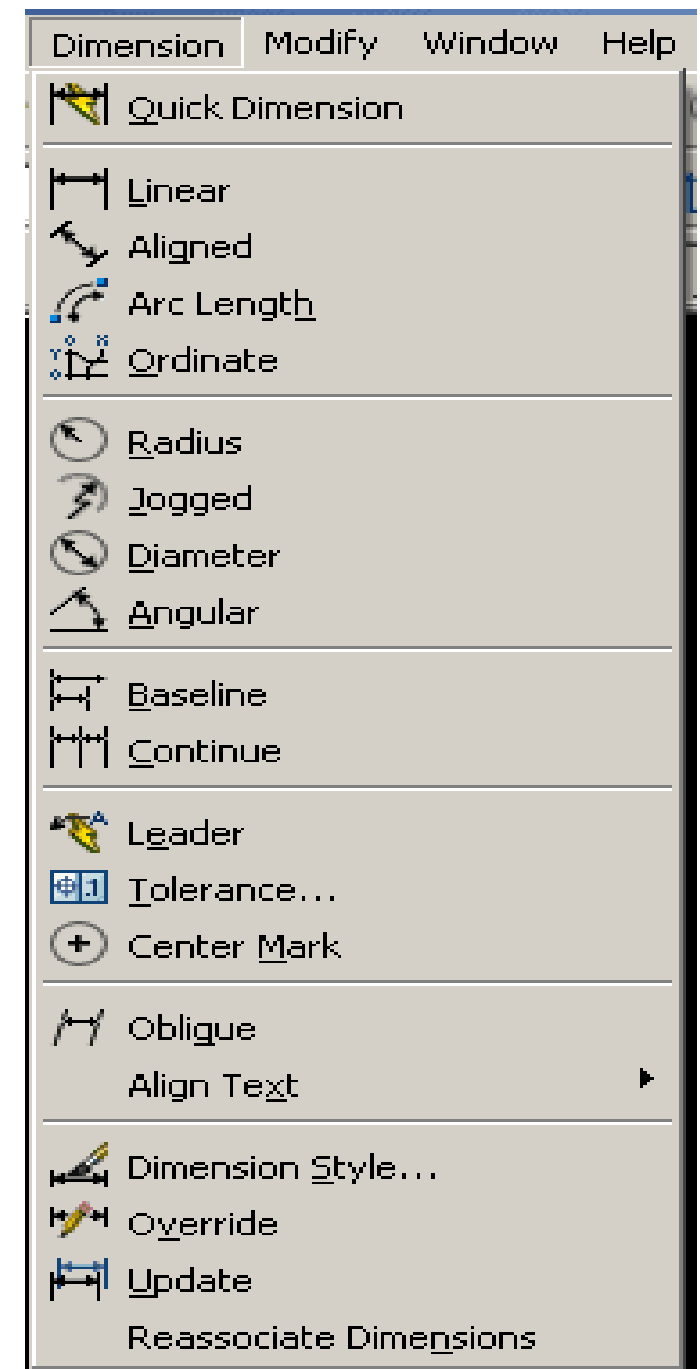
Lecture # 05

Applying AutoCAD dimensioning Tools

Learning Objectives of this Lecture

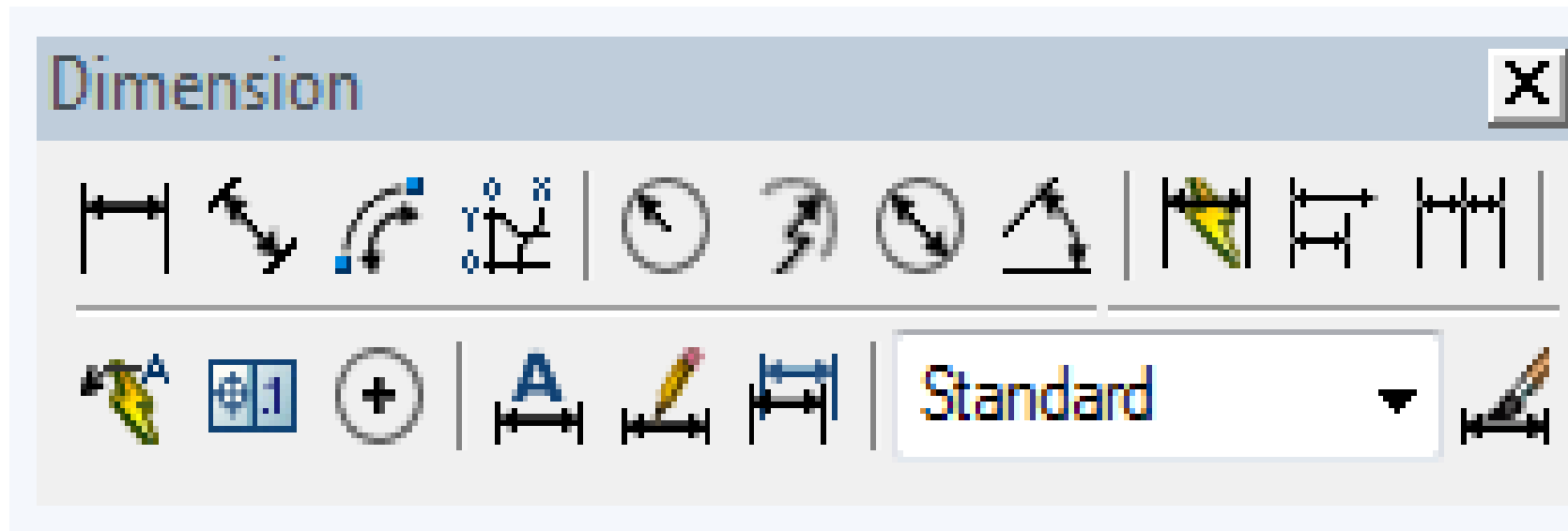
- To know & to learn Dimension commands
- To learn how to dimension 2D object in AutoCAD.
- To demonstrate the use of different types of dimensions and their differences.
- Students get to know about dimension tool bar.
- Students get to know about different types of dimensions.
- Students get to know their usage.
- Students will learn to modify the dimensions.

Linear, Aligned, Angular, Arc Length, Radius, Diameter, jogged, Baseline, Continuous etc

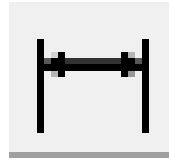


Dimension Bar:-

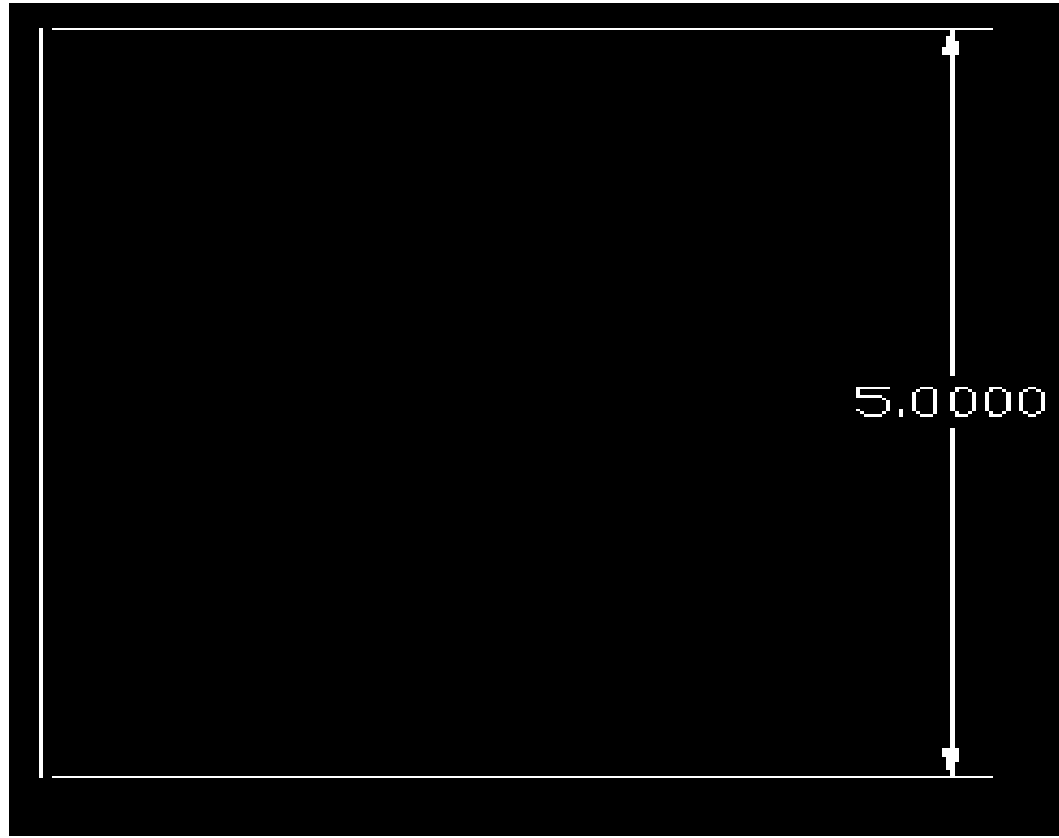
Perform dimensioning purposes. It contains different options like linear dimension, aligned dimension etc.



Linear Dimension:-



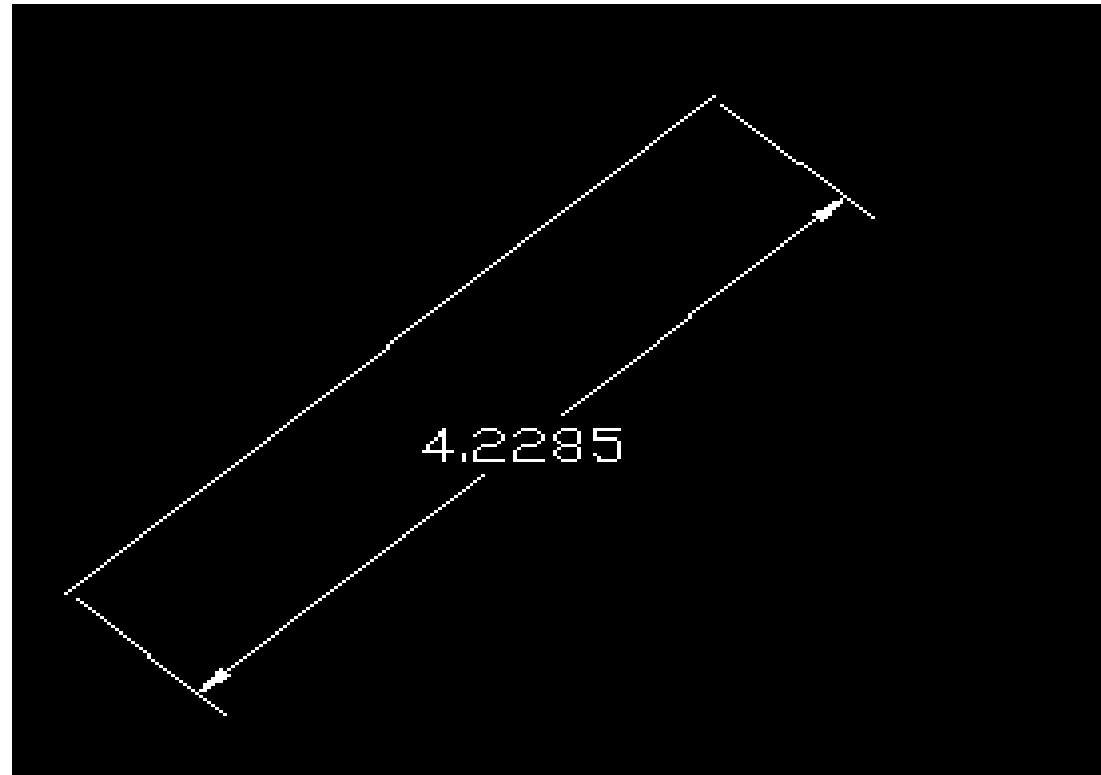
It is used to dimension a linear line(not inclined) by specifying two ends. It can be activated by clicking its icon in dimension bar.



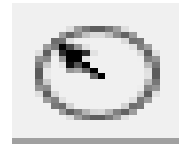
Aligned Dimension:-



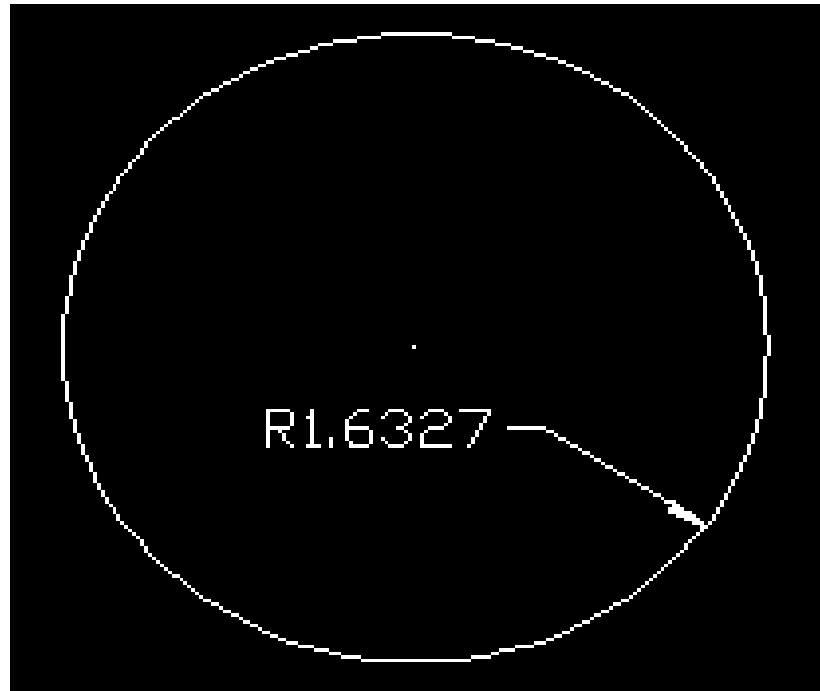
:- It is used to dimension an inclined line by specifying two ends. It can be activated by clicking its icon in dimension bar.



Radial Dimension:-



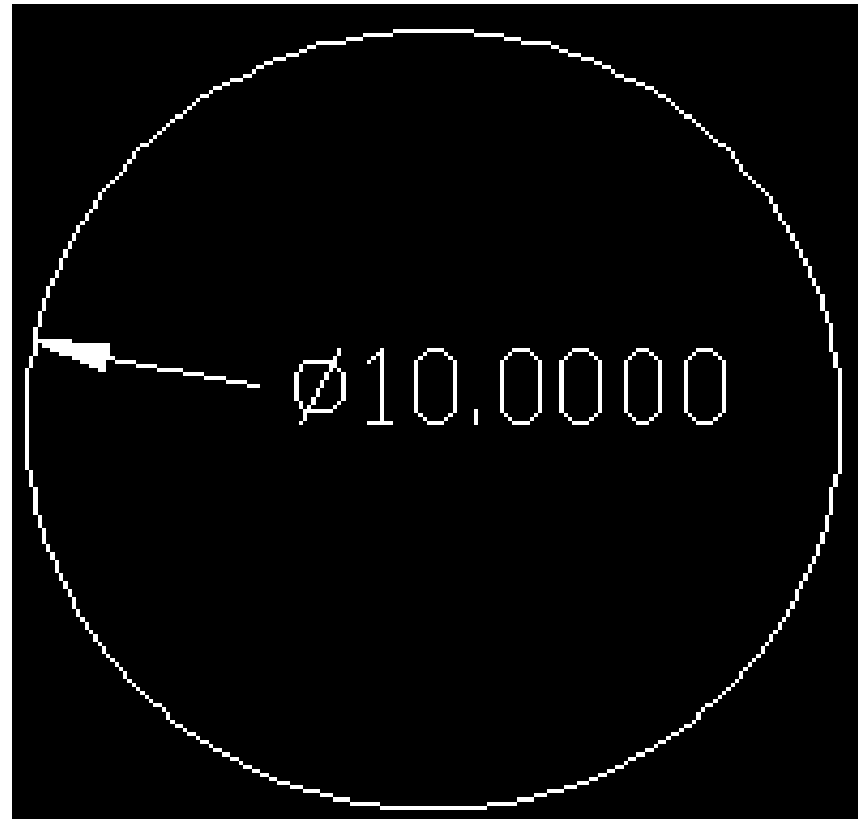
It is used to specify the radius of the circle. It can be activated by clicking its icon in dimension bar.



Diameter Dimension:-



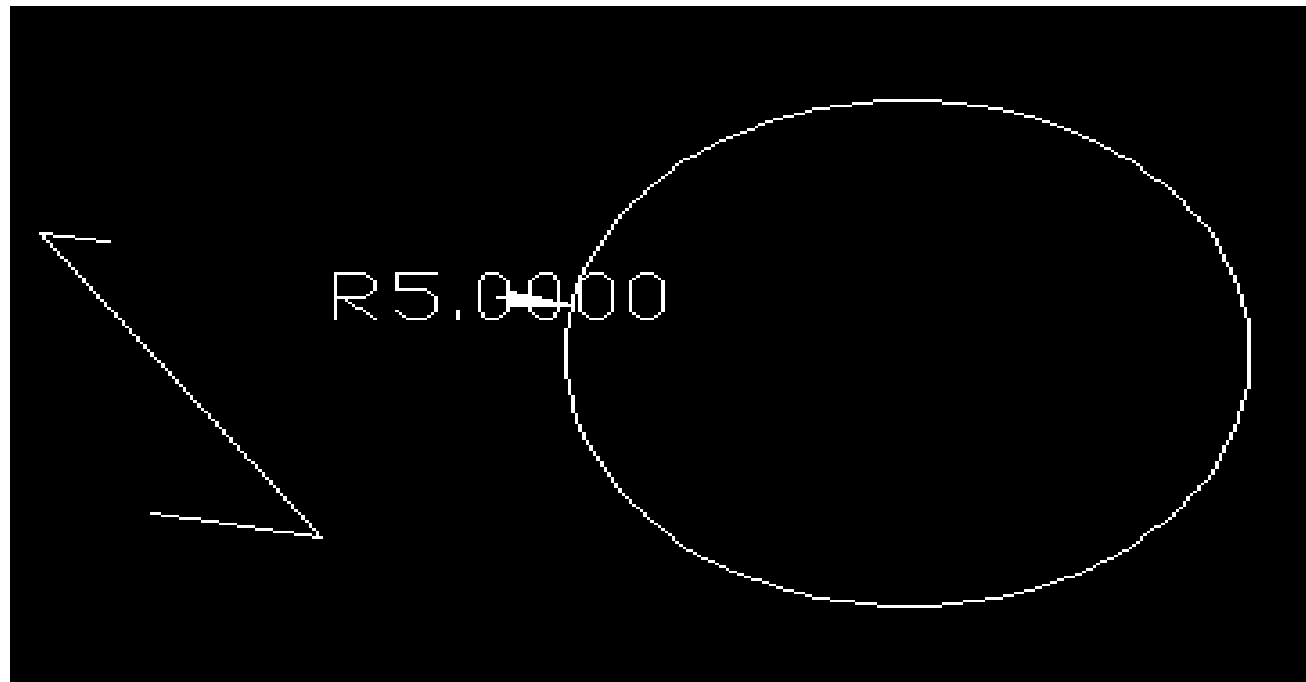
It is used to specify the diameter of the circle. It can be activated by clicking its icon in dimension bar.



Dimension Bar:-



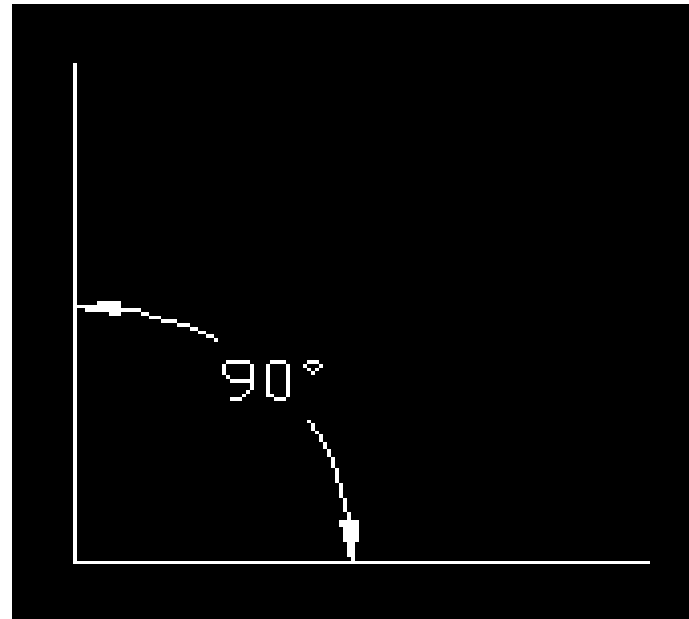
It creates jogged dimensions for circles and arcs. It measures the radius of the selected object and displays the dimension text with a radius symbol in front of it. The origin point of the dimension line can be specified at any convenient location. It can be activated by clicking its icon in dimension bar



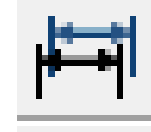
Angular Dimension:-



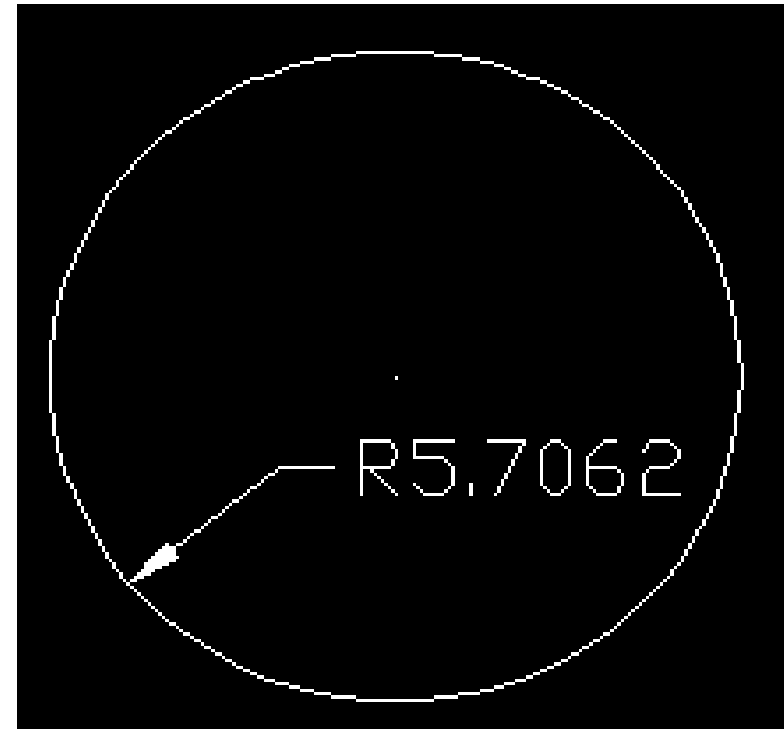
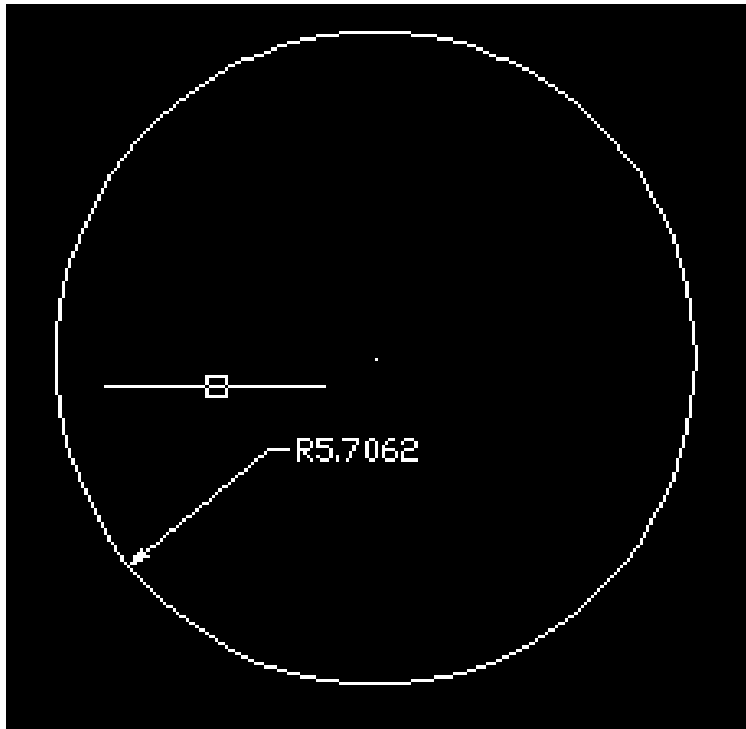
It is used to specify angle between two objects. It can be activated by clicking its icon in dimension bar.



Dimension Update:-



Dimension can be updated by clicking in the draw tool bar.



THANKS...!

QUESTIONS ARE WELCOME!!!