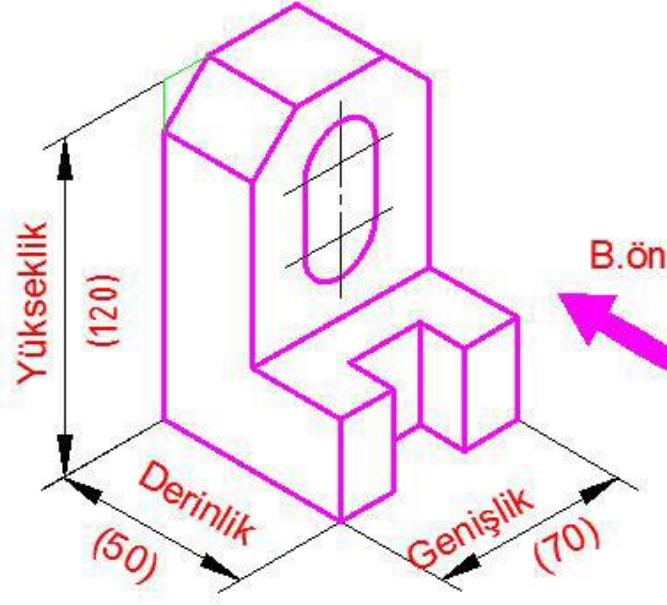# 3 – VIEW DRAWING AND PERSPECTIVE DRAWING

3-View Drawing

In 3 – view drawing style we express 3D objects in 3 different 2D views. The main purpose of this method is to combine 3 different 2D views to create a 3D object.

In this style first we choose a front view side.

When we designate the front side, left side of the front view is always represent side view. Then we divide our working sheet with 4 equal parts. Upper left side represent front view, upper right side represent side view and below left side represent top view.
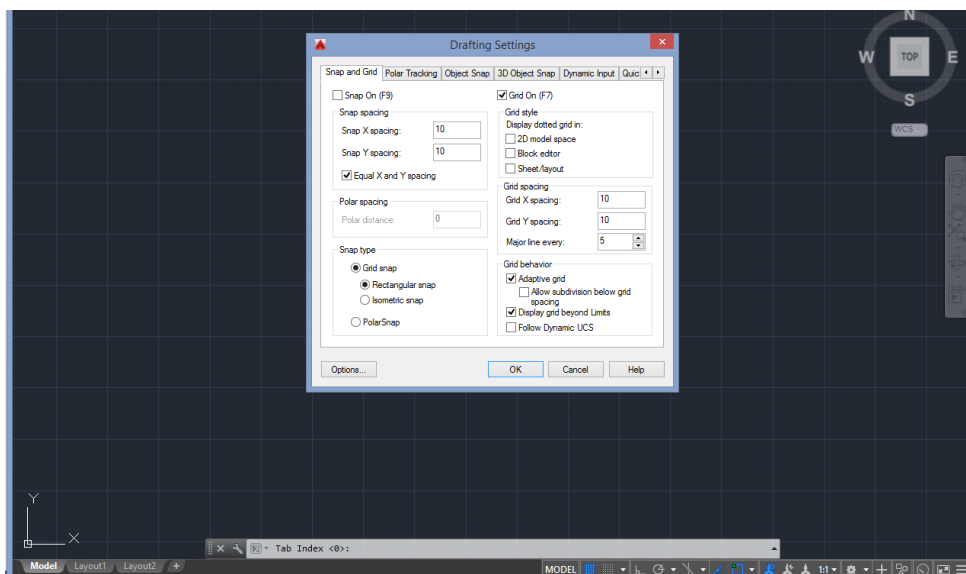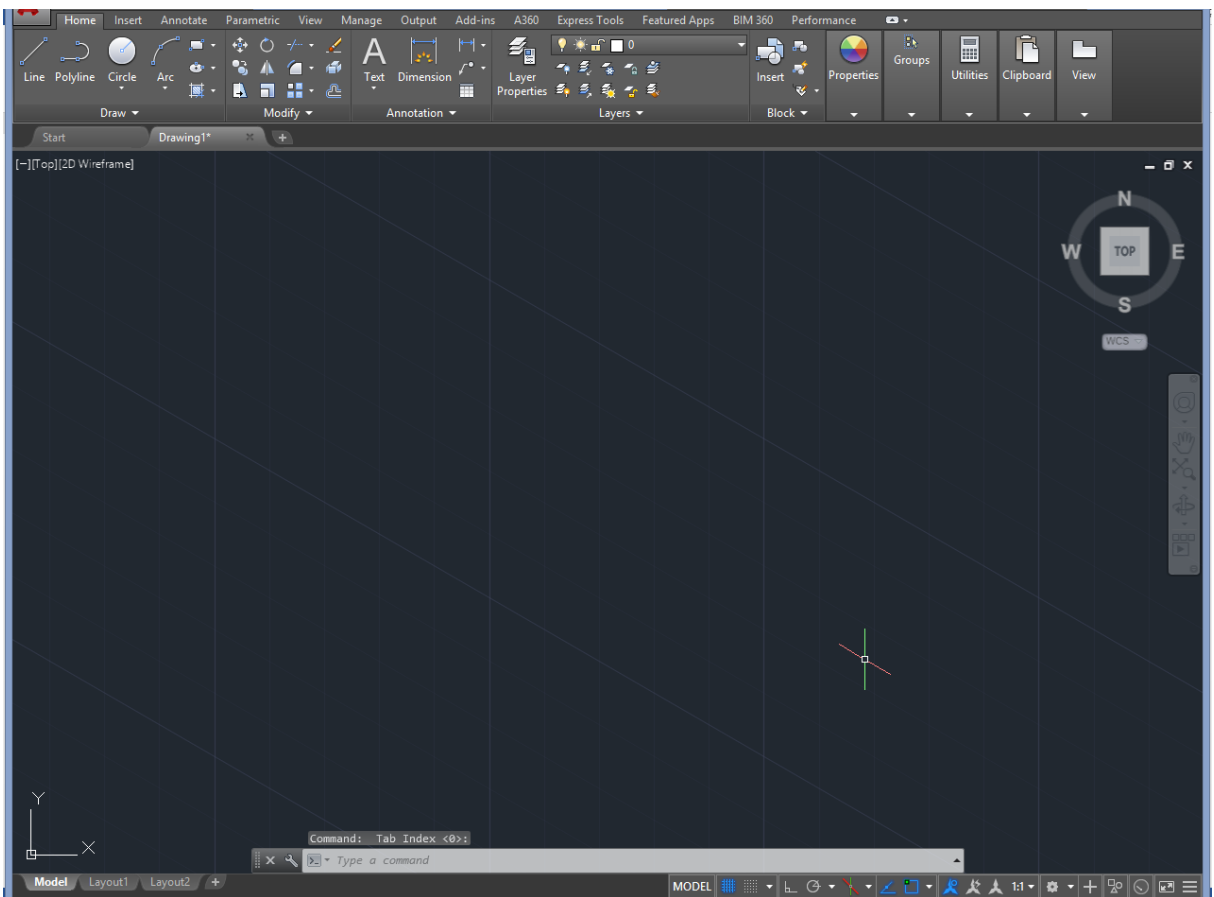
Yükseklik (120)

Genişlik (70)

Derinlik (50)

teknikresim.com
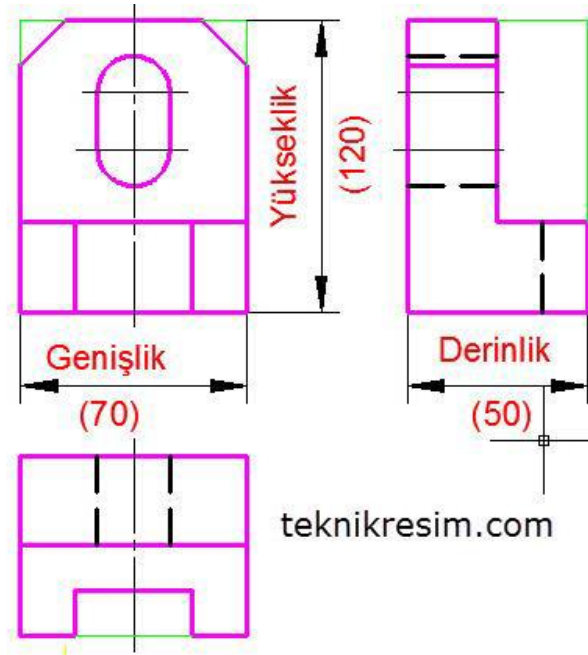
Perspective Drawing

In perspective drawing style we draw what we can see. It's very similar with 3D solid modelling but in this style we cannot see the back side of the shape we only seenand drawn in our point of view.

For perspective drawing in AutoCAD^{TM} first we need to change axis because perspective drawing perform in isometric dimensions.

- First open Drafting settings menu
- Change snap type rectengular snap to isometric snap.

Drafting Settings

Snap and Grid | Polar Tracking | Object Snap | 3D Object Snap | Dynamic Input | Quic

☐ Snap On (F9)   ☑ Grid On (F7)

Snap spacing
Snap X spacing: 17.3205080
Snap Y spacing: 10
☑ Equal X and Y spacing

Polar spacing
Polar distance: 0

Snap type
◉ Grid snap
  ○ Rectangular snap
  ◉ Isometric snap
○ PolarSnap

Grid style
Display dotted grid in:
☐ 2D model space
☐ Block editor
☐ Sheet/layout

Grid spacing
Grid X spacing: 17.3205080
Grid Y spacing: 10
Major line every: 5

Grid behavior
☑ Adaptive grid
  ☐ Allow subdivision below grid spacing
☑ Display grid beyond Limits
☐ Follow Dynamic UCS

Options...   OK   Cancel   Help

Then perform a perspective drawing.