Chapter 7
Object Snapping
7.1 Running Object Snaps

An object snap mode specifies a snap point at an exact location on an object. OSNAP specifies running object snap modes, which remain active until you turn them off.

1. Choose Tools, Drafting Settings...
or
2. Type DDOSNAP at the command prompt
Command: DDOSNAP
or
3. Click OSNAP on the Status Bar.

4. Right Click the Object Snap TAB.
5. Choose an object snap to turn ON/OFF from the dialog box.
7.2 Case by Case (Temporary Mode)

1. **Press** SHIFT + the RIGHT MOUSE BUTTON.

   or

2. **Click** one of the object snaps located Object Snap toolbar icon.

   or

3. **Type** The object snap at the prompt line.

   Command: Line
   From pt: ENDP
   To pt: MID
   To pt: CEN

**TIP:**
Case by Case objects snaps will override running mode object snaps
7.3 Osnap Settings

When you use any of the object snap settings, AutoSnap displays a marker and a Snap tip when you move the cursor over a snap point.

1. **Choose** Tools, Options...
2. **Select** the Drafting tab in the Options dialog box.
3. **Change** settings and choose OK.

The following are object snap modes:

- **CENter** Center of Arc or Circle
- **ENDpoint** Closest endpoint of Line/Arc
- **INSertion** Insertion point of Text/Block/Shape/Attribute
- **INTersection** Intersection of Lines/Arcs/Circles
- **MIDpoint** Midpoint of a line/Arc or midpoint
- **NEAerst** Nearest point on a Line/Arc/Circle/Point
- **APParent Int** Finds where two entities would intersect
- **NODE** Nearest point entity (or Dimension definition point)
- **NONE** None (off)
- **PERpendicular** Perpendicular to a Line/Arc/Circle
<table>
<thead>
<tr>
<th>QUAdrant</th>
<th>Quadrant point on an Arc/Circle</th>
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<tr>
<td>QUIck</td>
<td>Quick mode (first find, not closest)</td>
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<tr>
<td>TANgent</td>
<td>Tangent to Arc or Circle</td>
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7.4 Aperture

Controls the size and appearance of the pickbox used for object snap selection.

1. **Type** APERTURE at the command prompt
   Command: **APERTURE**

2. **Type** The size of the target box (3-8 is a good size)
   Size of target box in pixels (1-50): *(number)*

![Aperture Diagram]