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.
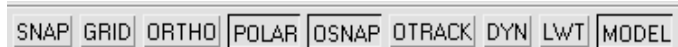
1. **Choose**   Tools, Drafting Settings...

<p align="center">**or**</p>

2. **Type**   DDOSNAP at the command prompt
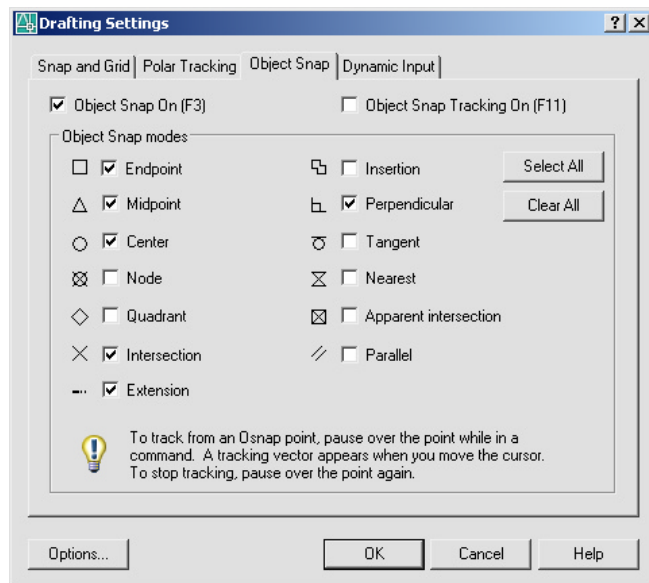
   Command: **DDOSNAP**

<p align="center">**or**</p>

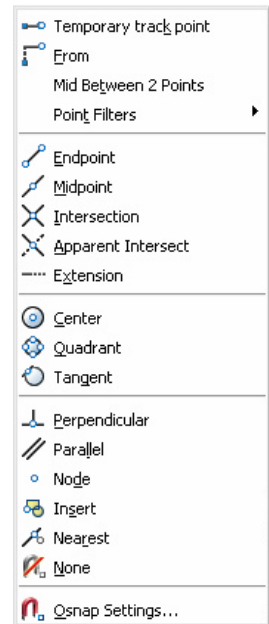3. **Click**   OSNAP on the Status Bar.

   SNAP GRID ORTHO POLAR OSNAP OTRACK DYN LWT MODEL

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)

➡o	Temporary tra**c**k point	
⌐°	**F**rom	
	Mid Bet**w**een 2 Points	
	Poin**t** Filters	▸
∕	**E**ndpoint	
∕	**M**idpoint	
✕	**I**ntersection	
✕	**A**pparent Intersect	
----	E**x**tension	
◎	**C**enter	
◈	**Q**uadrant	
◌	Tan**g**ent	
⊥	**P**erpendicular	
∥	Para**l**lel	
°	No**d**e	
❀	In**s**ert	
⅍	Nea**r**est	
Ⓝ	**N**one	
∩.	**O**snap Settings...	

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

or

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

Object Snap ➡o ⌐ ∕ ∕ ✕ ✕ ---- ◎ ◈ ◌ ⊥ ∥ ❀ ° ⅍ Ⓝ ∩.

or

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

Command: Line

From pt: **ENDP**

To pt: **MID**

To pt: **CEN**

TIP:
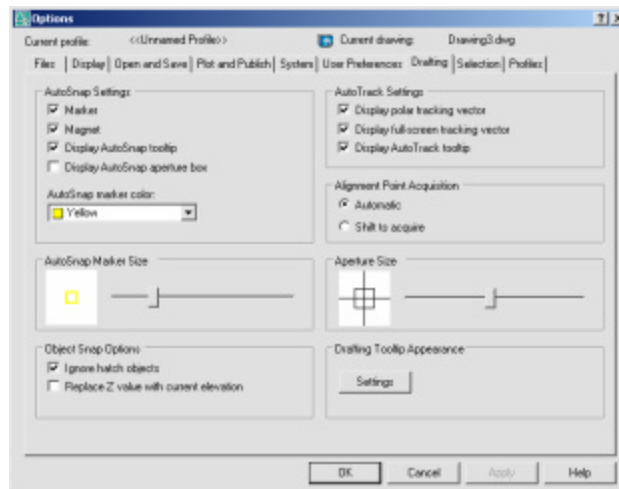
Case by Case objects snaps will override running mode object snaps

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 defini tion point)
NONe	None (off)
PERpendicular	Perpendicular to a Line/Arc/Circle

QUAdrant   Quadrant point on an Arc/Circle

QUIck   Quick mode (first find, not closest)

TANgent   Tangent to Arc or Circle

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**)

or

Aperture