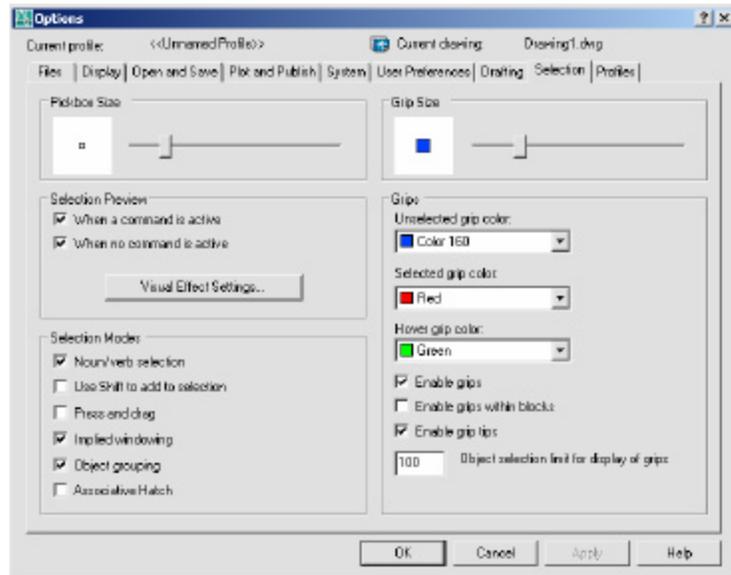

Chapter 25
Advanced Selection
Commands

AutoCAD 2D Tutorial

Selection Modes 25.1

1. **Choose** Tools, Options...
2. **Choose** the Selection TAB from the following dialog.



3. **Change** the settings as desired.

Noun/Verb Selection

Allows you to select an object before starting a command. The command affects the previously selected object or objects. You can also set this option by using the PICKFIRST system variable.

Use Shift to Add to Selection

Adds or removes an object to the selection set when you press SHIFT and select an object.

Press and Drag

Draws a selection window by selecting a point and dragging the pointing device to a second point.

AutoCAD 2D Tutorial

Implied Windowing

Initiates the drawing of a selection window when you select a point outside an object.

Object Grouping

Selects all objects in a group when you select one object in that group. With GROUP you can create and name a set of objects for selection.

Associative Hatch

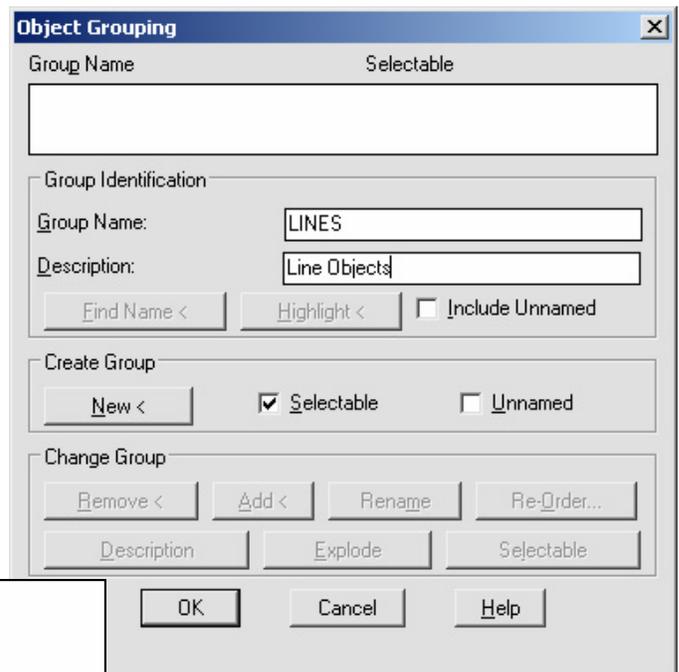
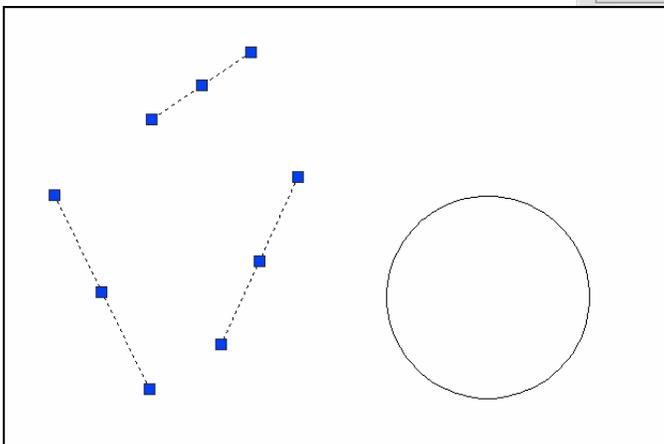
Determines which objects are selected when you select an associative hatch. If this option is selected, boundary objects are also selected when you select an associative hatch.

AutoCAD 2D Tutorial

Groups 25.2

1. **Type** GROUP at the command prompt.
Command: **GROUP**
2. **Type** a name for a new group.
3. **Choose** the New button under Create Group.
4. **Pick** objects to be included in the group.
5. **Press** ENTER when done choosing objects.
6. **Pick** OK.

Lines in a group



Turning Groups ON/OFF

At any time, toggle group selection on and off by pressing either CTRL+H or SHIFT+CTRL+A.

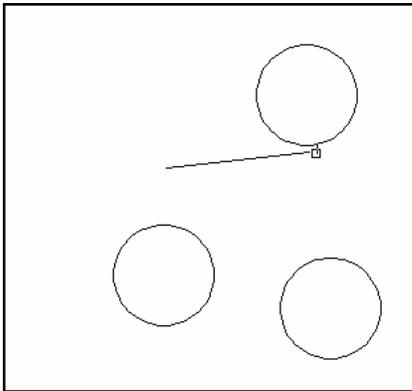
AutoCAD 2D Tutorial

Object Selection Cycling 25.3

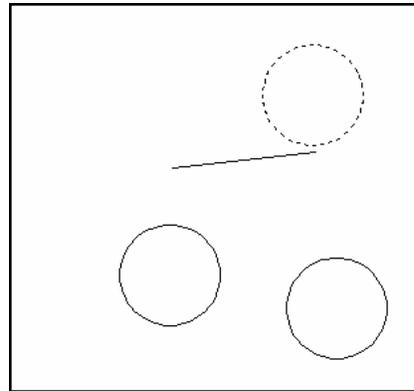
It is difficult to select objects that are close together or lie directly on top of one another. The following example shows two lines and a circle that all lie within the selection pickbox

1. **Press** the CTRL key before choosing objects at the Select Objects prompt.
2. **Pick** repeatedly in the area where multiple objects are located. AutoCAD will cycle through all objects that were touching the pickbox.
3. **Press** ENTER when the desired object highlights.
4. **Press** ENTER again.

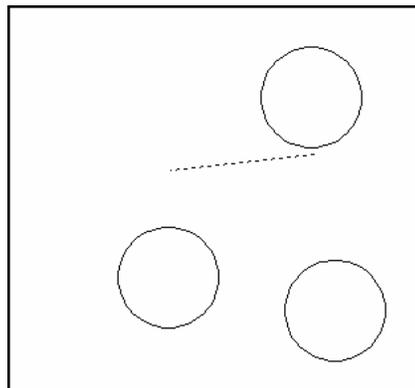
Objects touching pickbox



First object selected highlights



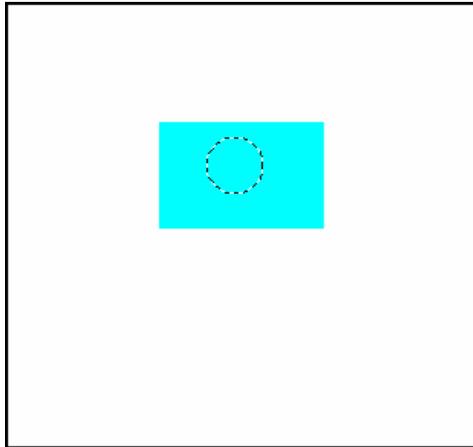
Second object selected



AutoCAD 2D Tutorial

Draw Order 25.4

1. Choose Tools, DisplayOrder.
or
2. Click the Draworder Icon from the Modify II Toolbar.
or
3. Type DRAWORDER at the command prompt.
Command: **DRAWORDER**
Select objects: pick an object.



AutoCAD 2D Tutorial

Object Filters 25.5

1. **Type** FILTER at the Command prompt.
2. **Select** Line in the Object Selection Filters dialog box under Select Filter.
3. **Choose** Add to List.
4. **Choose** Apply.
5. **Type** ALL at the Select Objects prompt or select a window.

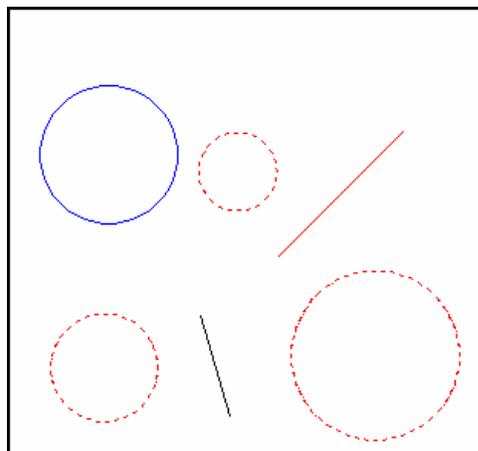
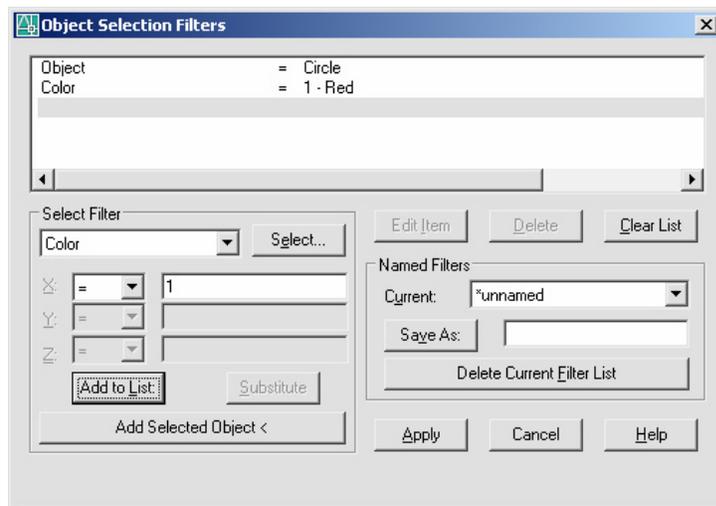
Command:

FILTER Applying filter to selection.

Select objects: **all**

6 found

3 were filtered out.

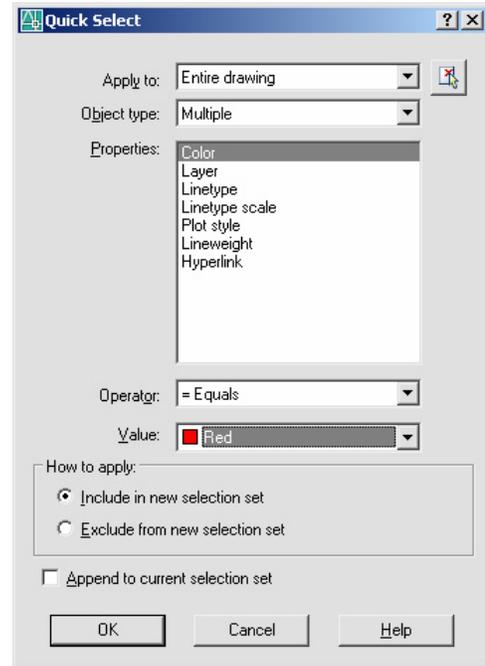
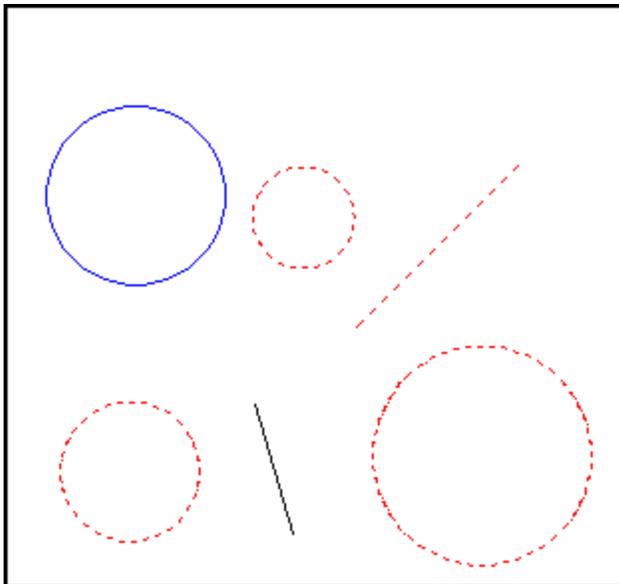


AutoCAD 2D Tutorial

Quick Select 25.6

1. **Type** QSELECT at the command prompt.
Command: **QSELECT**
2. **Enter** the selection criteria (i.e. TEXT HEIGHT < .5)
3. **Choose** OK.

TIP: AutoCAD puts those object(s) into a selection set. Use the “P” previous option to select these objects.



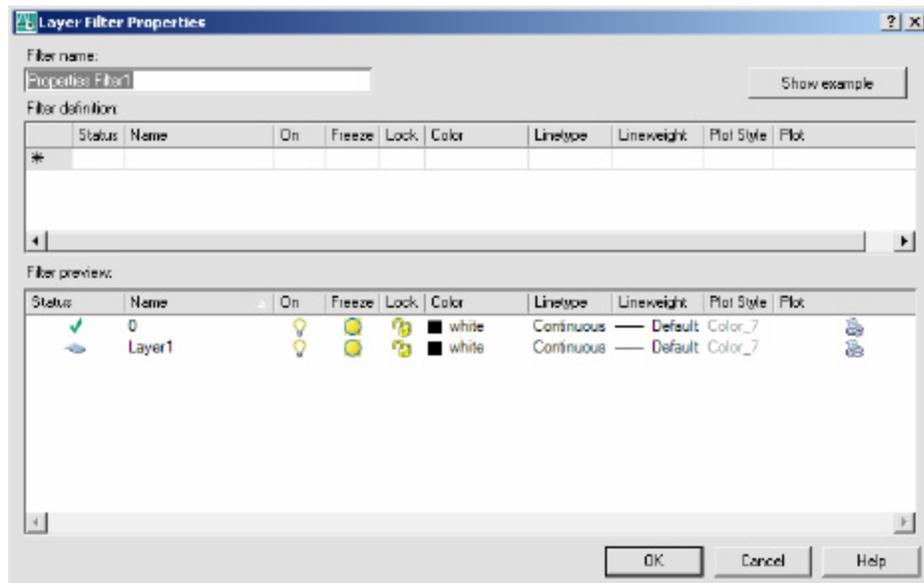
AutoCAD 2D Tutorial

Layer Filters 25.7

1. **Choose** the layer dialog box.
2. **Choose** the three dots (...) to invoke the filter dialog for layers.



3. **Choose** the type of filter you would like to use (e.g. layer name = 1st*)



AutoCAD 2D Tutorial

Point Filters 25.8

AutoCAD point filters allow the user to specify one coordinate, such as the X, with one pick and a second coordinate, such as the Y, with another pick. The point filters are .X, .Y, .XY, .XZ and .YZ. Only .X and .Y are used for two dimensional drawings.

1. **Type** A command that asks for a point.
Command:**CIRCLE**
2. **Type** .X when AutoCAD asks for a point.
3P/2P/TTR/<center point>: **.X**
3. **Pick** The point to filter (HINT: use osnaps)
of **MID of point on x axis**
4. **Pick** The next point to filter
(need YZ)
MID of point on y axis
5. **Pick** A diameter or radius
Diameter/<radius>: Pick or type a diameter

