K.I. - CAD Drawing and Editing Commands
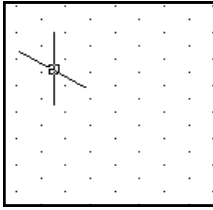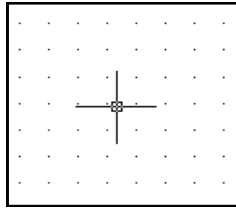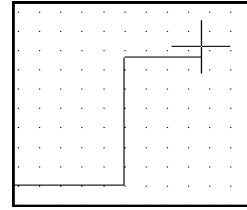
Isometric

Displays a 30' grid on screen which makes iso-metric drawing easier and more accurate.
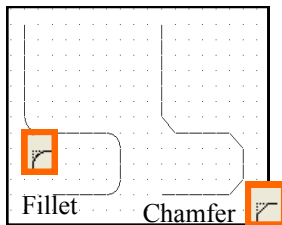
Ortho grid

Displays a grid on the screen to any desired spac-ing. This makes orthographic drawing easier and more accurate.
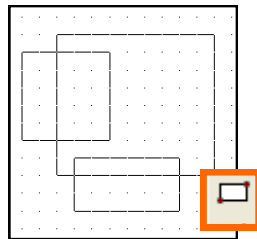
Ortho

Restricts the movement of the cursor to horizon-tal and vertical move-ment only. This makes orthographic projection easier.
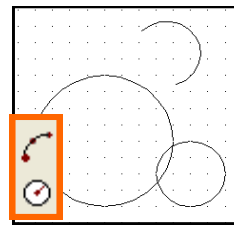
Fillet and chamfer

Fillet   Chamfer

Rounds (fillets) cor-ners;
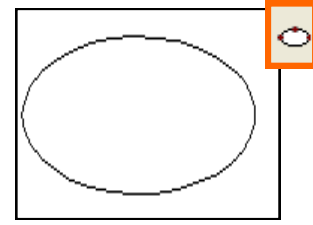Angles (chamfers) corners

Rectangle/box

Draws squares and rectangles accu-rately and quickly

Circle and arc

Draws circles and arcs accurately and quickly

Ellipse

Draws circles and arcs accurately and quickly

Line types

Linetype	Appearance	Description
ByLayer		
ByBlock		
CENTER2	—— · —— · —— ·	Center (.5x)
Continuous	——————	Continuous
HIDDEN2	— — —	Hidden (.5x)

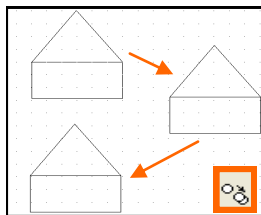Allows any BSI line types to be used in the drawing.

Layers

Name	On	Freeze...	L...	Color	Linetype	Lineweight
0	♀	☼	⬚	■ 250	Continuous	—— Default
Centre Line	♀	☼	⬚	■ 250	CENTER2	—— 0.15 mm
Defpoints	♀	☼	⬚	■ 250	Continuous	—— Default
Dimension	♀	☼	⬚	■ 250	Continuous	—— 0.15 mm
Hidden Line	♀	☼	⬚	■ 250	HIDDEN2	—— 0.15 mm
SMART-Redline	♀	☼	⬚	■ 250	Continuous	—— 0.15 mm

Allows a complex drawing to be built up in several layers to make it easier to work on.

Trim, extend and break

trim   Trims the end off a line

extend   Makes a line longer

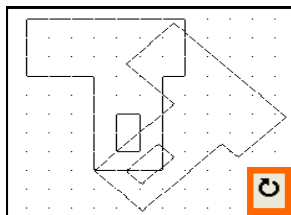**break**   Removes a section from the middle of a line
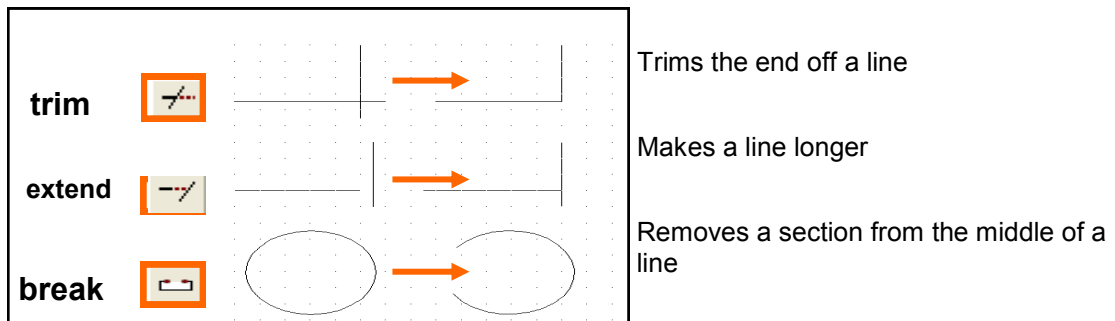
Copy

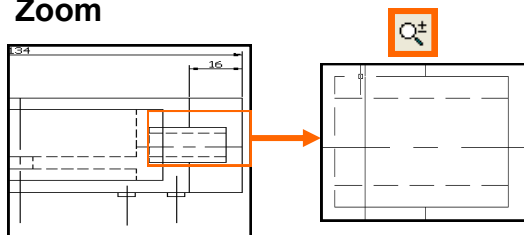Copies and positions without having to redraw them

Rotate
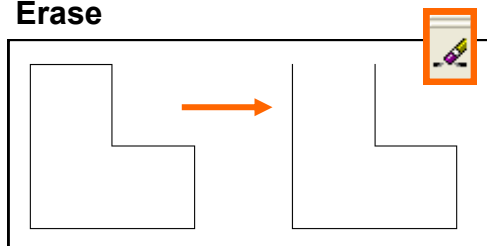
Turns an object to any angle required.

Scale

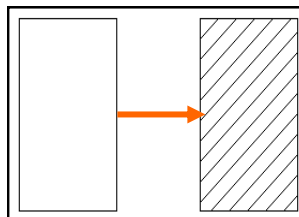This changes the sizes of objects.

Zoom

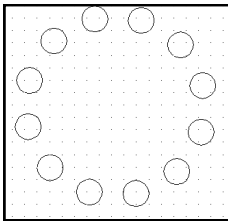Enlarges view so that small details appear bigger and are easier to work on.

Erase
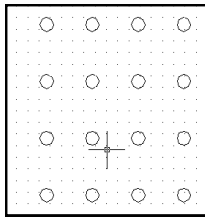
Erases selected lines or areas from a drawing

Hatching

Adds cross—hatching, or other fills to objects.

Ring Array

Creates a circular arrangement from copied objects.

Box Array

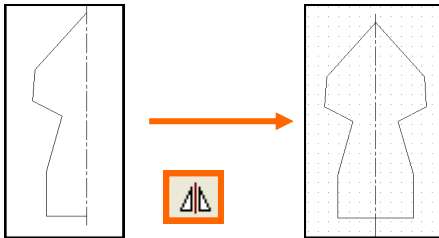Creates a rectangular arrangement from copied objects.

Text

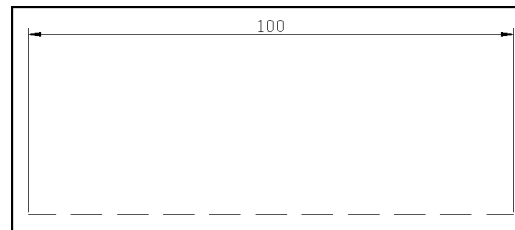Allows text to be entered in a variety of fonts and sizes
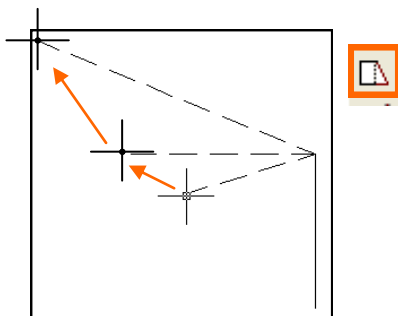

Mirror

Creates a mirror image copy of an object

Dimension

Automatically measures then dimensions chosen parts of a drawing.

Stretch

Can stretch/ pull one end of a line or object across the screen