Shortcut	Keyin	Label	Description
1	choose element	Element Selection	Select an element(s) for modification or manipulation
8	delete element	Delete Element	Delete an element
21	place fence icon	Fence	Place a fence
22	modify fence icon	Modify Fence	Move the fence or modify one of its vertices
23	fence icon	Manipulate Fence Contents	Move, copy, scale, rotate, mirror, array the fence contents
24	fence delete	Delete Fence Contents	Delete the fence contents
25	drop fence	Drop Fence Contents	Break up elements that pass fence criteria into simpler components
26	fence copy tofile	Copy/Move Fence Contents to File	Used to copy or move the contents of the active fence to a new DGN or DWG file.
30	move to contact	Move to Contact	Used to move one or more elements in a defined direction until they make contact with another element. If no element is in the path, then the element is not moved.
31	copy icon	Copy	Copy elements to a new location
32	move icon	Move	Move elements to a new location
33	scale icon	Scale	Resize elements
34	rotate icon	Rotate	Rotate elements
35	mirror icon	Mirror	Mirror elements
36	array icon	Array	Array elements
37	alignedge	Align Elements By Edge	Used to align elements
38	stretch icon	Stretch	Stretch elements
39	move parallel	Move Parallel	Move Parallel by distance
51	change attributes	Change Element Attributes	Change Element Attributes
52	change area	Change to Active Area	Used to change the area attribute of a closed element(s) (shapes, ellipses, or complex shapes, or B-spline curves) to the Active Area.
53	change fill	Change Element Fill Type	Change fill type of closed elements
54	modify linestyle icon	Modify Line Style Attributes	Dynamically modify the line style attributes of an element
55	change mline	Change Multi-line	Change a multi-line's attributes to the active definition
56	match icon	Match Element Attributes	Change the active attributes to match those of an existing element
57	match element	SmartMatch	Match all element settings
61	drop element	Drop Element	Break up an element into simpler components
62	create chain icon	Create Complex Chain	Create an open complex element from a series of open elements
63	create shape icon	Create Complex Shape	Create a closed complex element from a series of open planar elements
64	create region icon	Create Region	Create a complex shape using a region
65	group add	Add To Graphic Group	Add elements to a new or existing graphic group
66	group drop	Drop From Graphic Group	Remove (drop) an element(s) from a graphic group
67	group holes	Group Hole	Identify a solid element and its associated hole elements
70	fillet icon	Construct Circular Fillet	Construct a circular fillet or round between two elements
71	modify element	Modify Element	Modify an element's shape
72	trim break	Break Element	Break a linear element
73	trim extend	Extend Line	Lengthen or shorten an element
74	trim tointersection	Trim To Intersection	Lengthen or Shorten element to intersection
75	trim toelement	Trim To Element	Lengthen or Shorten element to element
76	trim multiple	Trim Multiple	Trim elements to one or more cutting elements
78	insert vertex	Insert Vertex	Insert a vertex into an element
79	delete vertex	Delete Vertex	Delete a vertex from an element
7Q	chamfer	Construct Chamfer	Construct a chamfer (bevel) between two elements
A0	copy ed	Copy Enter Data Field	Used to copy the contents of one enter data field to another.
A1	place dialogtext	Place Text	Place a text element, or fill in an empty text node
A2	place note	Place Note	Place a note element
A3	edit text	Edit Text	Edit text in any supported element
A4	spellcheck	Spell Checker	Review text, text nodes, tags, dimensions, notes and symbols for spelling errors
A5	identify text	Display Text Attributes	Display the attributes of a text or multi-line text node element
A6	match text	Match Text Attributes	Set the active text attributes to match those of an existing text element
A7	modify text	Change Text Attributes	Change the attributes of a text element to the active text settings
A9	increment text	Copy/Increment Text	Copy and increment a text element that contains numbers
AE	edftools autofill	Auto Fill In Enter Data Fields	Used to fill in all empty enter data fields in a view.
AQ	increment ed	Copy/Increment Enter Data Fields	Used to copy and increment the contents of an *enter data field* that contains numbers into another enter data field.
AW	edftools single	Fill In Single Enter-Data Field	Fill in an enter data field
D1	measure distance icon	Measure Distance	Measure the distance between two points
D2	measure radius	Measure Radius	Measure the radius of a circular element or the axes of an elliptical element
D3	measure angle	Measure Angle	Measure the angle between two lines
D4	measure length	Measure Length	Measure the length of an open element or the perimeter of a closed element

D5	measure area icon	Measure Area	Measure the area and perimeter of a shape, ellipse or complex shape
D6	measure volume	Measure Volume	Measure the volume enclosed by an element or a set of elements
E1	place circle	Place Circle	Place a circle
E2	place ellipse	Place Ellipse	Place an ellipse
E3	place arc	Place Arc	Place a circular arc
E4	place ellipse half	Place Half Ellipse	Used to place an elliptical arc with a sweep angle of 180.
E5	place ellipse quarter	Place Quarter Ellipse	Used to place an elliptical arc with a sweep angle of 90.
E6	modify arc radius	Modify Arc Radius	Modify a circular arc's radius, sweep angle, and center.
E7	modify arc angle	Modify Arc Angle	Extend or shorten an arc's length (sweep angle).
E8	modify arc axis	Modify Arc Axis	Lengthen or shorten an axis of an arc.
F1	dimcreate element linear	Dimension Element	Place a dimension on an element
F2	dimcreate linear	Dimension Linear	Place a linear dimension between two points
F3	dimcreate angular	Dimension Angular	Place an angular dimension
F4	dimcreate ordinate	Dimension Ordinates	Label distances along an axis from an origin (datum) along the ordinate axis
F5	change dimension	Change Dimension	Change a dimension to active dimension settings
F6	match dimension	Match Dimension Attributes	Change the active dimension attributes to match those of an existing dimension element
F7	dimension reassociate	Reassociate Dimensions	Reassociate Dimensions
F8	drop dimension	Drop Dimension Element	Break up a dimension element into lines, line strings, ellipses, arcs, and text
Q0	construct line aa	Construct Line at Active Angle	Construct a line that intersects a line segment at the Active Angle
Q1	place smartline	Place Smartline	General tool for placing open or closed linear elements
Q2	place line	Place Line	Place or construct a line
Q3	place mline	Place Mult-Line	Place MultiLine
Q41	place point	Place Active Point	Place the active point
Q42	construct point between	Point(s) Between	Construct equally spaced Active Points between two data points.
Q43	construct point project	Point on Element	Place the Active Point on an element at the point closest to the data point.
Q44	construct point intersection	Point at Intersection	Construct a point at an intersection.
Q45	construct point along	Point(s) Along Element	Construct a specified number of Active Points along an element between two data points.
Q46	construct point distance	Point at Distance Along	Construct the Active Point on an element at a keyed in distance.
Q51	place bspline curve points	Place B-Spline by Points	Create a B-spline Curve by Points
Q52	construct curve tangents	B-spline by Tangents	Create a B-spline curve that passes through a set of points while maintaining user-defined tangent directions at those points.
Q53	place composite	Composite Curve	Place a composite curve, which can have line strings, arcs or curves as components.
Q54	construct arcs interpolation	Interpolation by Arcs	Used to place or construct a complex chain of arcs that passes through a given set of points.
Q55	place conic	Conic Curve	Place a parabola, hyperbola, or partial ellipse.
Q56	place spiral	Spiral Curve	Place a clothoid or Archimedes or logarithmic spiral.
Q57	place helix	Helix Curve	Place a helix in a 3D design.
Q58	extract isoline	Extract Iso-Curves	Used to extract a B-spline curve(s) from a solid or a B-spline surface.
Q59	curvcalc dialog	Curve by Formula	
Q6	place lstring stream	Place Stream Line String	
Q7	place curve picon	Place Point or Stream Curve	
Q8	construct bisector angle	Construct Angle Bisector	Construct a line that bisects an angle defined by three data points
Q9	construct line minimum	Construct Minimum Distance Line	Construct a line between two elements at their closest points
R1	hatch	Hatch Area	Hatch an area
R2	crosshatch	Crosshatch Area	Crosshatch an area
R3	pattern area	Pattern Area	Pattern an area by tiling the active pattern cell/definition
R4	pattern line icon	Linear Pattern	
R5	show pattern	Show Pattern Attributes	Display the pattern angle and pattern scale of a pattern element
R6	match pattern	Match Pattern Attributes	Change the active pattern attributes to match those of an existing pattern element
R7	pattern modify	Change Pattern	Change pattern/hatch properties
R8	delete pattern	Delete Pattern	Delete patterning
RF	accudraw rotate front	Rotates Accudraw compass to Front Rotation	
RS	accudraw rotate side	Rotates Accudraw compass to Side Rotation	
S1	place cell icon	Place Active Cell	Place the active cell
S2	matrix cell	Place Active Cell Matrix	Place a matrix of the active cell
S3	select cell icon	Select And Place Cell	Identify and place additional instance(s) of a cell
S4	define cell origin	Define Cell Origin	Define the cell origin (the point about which the cell is placed)
S5	identify cell	Identify Cell	Display the name and level of a cell in the design
S6	place terminator	Place Active Line Terminator	
S7	replace cells extended	Replace Cells	Replace or update cells in a model
S8	place cell index	Place Cell Index	

T	accudraw rotate top	Rotates Accudraw compass to Top Rotation	
W1	place block	Place Block	Place a rectangular block
W2	place shape	Place Shape	Place a closed polygonal shape
W3	place shape orthogonal	Place Orthogonal Shape	Place a shape in which each segment is perp or parallel to the others
W4	place polygon	Place Regular Polygon	Place a regular polygon