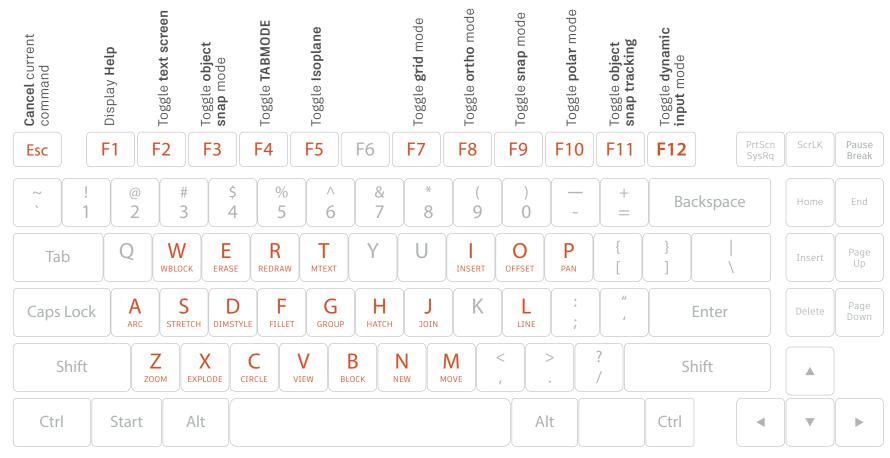


Shortcuts Guide

Get work done quickly





- A ARC / Creates an arc.
- **B BLOCK** / Creates a block definition from selected objects.
- C CIRCLE / Creates a circle.
- D DIMSTYLE / Creates and modifies dimension styles.
- **E ERASE** / Removes objects from a drawing.
- X EXPLODE / Breaks a compound object into its component objects.
- F FILLET / Rounds and fillets the edges of objects.
- **G GROUP** / Creates and manages saved sets of objects called groups.

- **H HATCH** / Fills an enclosed area or selected objects with a hatch pattern, solid fill, or gradient fill.
- I INSERT / Inserts a block or drawing into the current drawing.
- J JOIN / Joins similar objects to form a single, unbroken object.
- L LINE / Creates straight line segments.
- M MOVE / Moves objects a specified distance in a specified direction.
- N NEW / Create a new drawing.
- O OFFSET / Creates concentric circles, parallel lines, and parallel curves.

- P PAN / Adds a parameter with grips to a dynamic block definition.
- R REDRAW / Refreshes the display in the current viewport.
- **S** STRETCH / Stretches objects crossed by a selection window or polygon.
- T MTEXT / Creates a multiline text object.
- V VIEW / Saves and restores named views, camera views, layout views, and preset views.
- W WBLOCK / Writes objects or a block to a new drawing file.
- Z ZOOM / Increases or decreases the magnification of the view in the current viewport.

Toggle General Features

Ctrl+Shift+A Toggle group selection

Ctrl+H Toggle Pick Style

Ctrl+I Toggle Coords

Ctrl+Shift+I Toggle Infer Constraints

Ctrl+Shift+ L Select objects

Ctrl+Shift+P Toggle Quick Properties mode

Ctrl+W Toggles Selection Cycling

Ctrl+Shift+W

F1

Display Help

F2 Toggle Text Screen

Toggle Drawing Modes

F4 Toggle 3D Osnap

Ctrl+Shift+Y

Cycle isometric planes

Ctrl+E

F5

F6

Toggle Dynamic UCS

Ctrl+D

F7 Toggle Grid

F8 Toggle ortho mode

Ctrl+L

F9 Toggle Snap mode

Ctrl+B

F10

Toggle Polar Tracking

CMD+U

F11 Toggle Object Snap Tracking

F12 Toggle dynamic input

tooltip mode

Manage Screen

Ctrl+Shift+H Toggle pallets

Ctrl+R Toggle between floating

viewports

Ctrl+0 (zero) Toggle Full Screen mode

Ctrl+1 Toggle Property palette

Ctrl+2 Toggle Design Center palette

Ctrl+3 Toggle Tool Sets palette

Ctrl+4 Toggle Sheet Set palette

Ctrl+7 Toggle Markup Set Manager

palette

Ctrl+8 Toggle Quick Calc palette

Ctrl+9 Command Line

Manage Workflow

Ctrl+A Select all objects

Ctrl+C Copy selected objects

Ctrl+Shift+C Copy selected objects to

clipboard with base point

(COPYBASE)

Ctrl+X Cut selected objects

Ctrl+Shift+X Cut selected object with

base point

Ctrl+V Paste object

Ctrl+Shift+V Paste data as block

Ctrl+K Add hyperlink to selected

Ctrl+J Repeats the previous

Ctrl+M command

Ctrl+Y Redo last action
Ctrl+Z Undo last action

ESC Cancel current command

Ctrl+[Ctrl+\

Manage Drawings

Ctrl+N New drawing

Ctrl+O Open drawing

Ctrl+S Save drawing

Ctrl+Shift+S Saves Drawing As

Ctrl+P Plot dialog box

Ctrl+Tab Switch to next drawing

Ctrl+Shift+Tab Switch to previous drawing

Ctrl+Page Up Switch to previous tab in

current drawing

Ctrl+Page Down Switch to next tab in

current drawing

Ctrl+Q Exit AutoCAD



- A ARC / Creates an arc.
- AA AREA / Calculates the area and perimeter of objects or of defined areas.
- ADC ADCENTER / Manages and inserts content such as blocks, xrefs, and hatch patterns.
- AL ALIGN / Aligns objects with other objects in 2D and 3D.
- AR ARRAY / Creates multiple copies of objects in a pattern.
- AS ASSISTANTOPEN / Open Autodesk OPEN Assistant
- ATI ATTIPEDIT / Changes the textual content of an attribute within a block.
- ATT ATTDEF / Redefines a block and updates associated attributes.
- ATE ATTEDIT / Changes attribute information in a block.

B

- B BLOCK / Creates a block definition from selected objects.
- BC BCLOSE / Closes the Block Editor.
- **BE BEDIT** / Opens the block definition in the Block Editor.
- BH HATCH / Fills an enclosed area or selected objects with a hatch pattern, solid fill, or gradient fill.
- **BO**BOUNDARY / Creates a region or a polyline from an enclosed area.
- BR BREAK / Breaks the selected object between two points.
- **BS BSAVE** / Saves the current block definition.
- BVS BVSTATE / Creates, sets, or deletes a visibility state in a dynamic block.

- C CIRCLE / Creates a circle.
- CBAR CONSTRAINTBAR / A toolbar-like UI element that displays the available geometric constraints on an object.
- **CH PROPERTIES** / Controls properties of existing objects.
- **CHAMFER** / Bevels the edges of objects.
- **CL CENTERLINE** / Creates centerlines.
- **CLI COMMANDLINE** / Displays the Command Line window.
- **CM CENTERMARK** / Creates center marks.
- **COL COLOR** / Sets the color for new objects.
- **CO COPY** / Copies objects a specified distance in a specified direction.

D

D	DIMSTYLE / Creates and modifies
	dimension styles.

- **DAN DIMANGULAR** / Creates an angular dimension.
- DAR DIMARC / Creates an arc length dimension.
- DBA DIMBASELINE / Creates a linear, angular, or ordinate dimension from the baseline of the previous or selected dimension.
- **DCE DIMCENTER** / Creates the center mark or the centerlines of circles and arcs.
- **DCO DIMCONTINUE** / Creates a dimension that starts from an extension line of a previously created dimension.
- DDA DIMDISASSOCIATE / Removes associativity from selected dimensions.
- **DDI DIMDIAMETER** / Creates a diameter dimension for a circle or an arc.
- **DED DIMEDIT** / Edits dimension text and extension lines.

- **DIST** / Measures the distance and angle between two points.
- **DIV DIVIDE** / Creates evenly spaced point objects or blocks along the length or perimeter of an object.
- **DJL DIMJOGLINE** / Adds or removes a jog line on a linear or aligned dimension.
- **DJO DIMJOGGED** / Creates jogged dimensions for circles and arcs.
- **DL DATALINK** / The Data Link dialog box is displayed.
- **DLU** DATALINKUPDATE / Updates data to or from an established external data link.
- **DO DONUT** / Creates a filled circle or a wide ring.
- DOR DIMORDINATE / Creates ordinate dimensions.
- **DOV DIMOVERRIDE** / Controls overrides of system variables used in selected dimensions.
- **DR DRAWORDER** / Changes the draw order of images and other objects.
- DRA DIMRADIUS / Creates a radius dimension for a circle or an arc.
- DRE DIMREASSOCIATE / Associates or re-associates selected dimensions to objects or points on objects.

- **DRM DRAWINGRECOVERY** / Displays a list of drawing files that can be recovered after a program or system failure.
- DS DSETTINGS / Sets grid and snap, polar and object snap tracking, object snap modes, Dynamic Input, and Quick Properties.
- **DT TEXT** / Creates a single-line text object.

E-F

- **E ERASE** / Removes objects from a drawing.
- **ED TEXTEDIT** / Edits single-line text, dimension text, attribute definitions, and feature control frames.
- **ELLIPSE** / Creates an ellipse or an elliptical arc.
- **EPDF EXPORTPDF** / Exports drawing to PDF.
- **ER EXTERNALREFERENCES** / Opens the External References palette.
- **EX EXTEND** / Extends objects to meet the edges of other objects.
- **EXIT QUIT** / Exits the program.
- **EXP EXPORT** / Saves the objects in a drawing to a different file format.
- F FILLET / Rounds and fillets the edges of objects.

G-H

- **G GROUP** / Creates and manages saved sets of objects called groups.
- **GD GRADIENT** / Fills an enclosed area or selected objects with a gradient fill.
- **GEO GEOGRAPHICLOCATION** / Specifies the geographic location information for a drawing file.
- H HATCH / Fills an enclosed area or selected objects with a hatch pattern, solid fill, or gradient fill.
- **HE** HATCHEDIT / Modifies an existing hatch or fill.
- HI HIDE / Regenerates a 3D wireframe model with hidden lines suppressed.

I-K

- I INSERT / Inserts a block or drawing into the current drawing.
- ID / Displays the UCS coordinate values of a specified location.
- IM IMAGE / Displays the External References palette.
- IMP IMPORT / Imports files of different formats into the current drawing.
- IN INTERSECT / Creates a 3D solid, surface, or 2D region from overlapping solids, surfaces, or regions.
- INSERTOBJ / Inserts a linked or embedded object.
- ISOLATE ISOLATEOBJECTS / Makes specificed objects temporarily invisible, or restores objects that were previously made invisible.
- J JOIN / Joins similar objects to form a single, unbroken object.
- JOG DIMJOGGED / Creates jogged dimensions for circles and arcs.

L-M

- L LINE / Creates straight line segments.
- LA LAYER / Manages layers and layer properties.
- LAS LAYERSTATE / Saves, restores, and manages named layer states.
- **LE QLEADER** / Creates a leader and leader annotation.
- **LEN LENGTHEN** / Changes the length of objects and the included angle of arcs.
- LIST / Displays property data for selected objects.
- **LAYOUT** / Creates and modifies drawing layout tabs.
- LT LINETYPE / Loads, sets, and modifies linetypes.
- LTS LTSCALE / Changes the scale factor of linetypes for all objects in a drawing.
- LW LWEIGHT / Sets the current lineweight, lineweight display options, and lineweight units.
- M MOVE / Moves objects a specified distance in a specified direction.
- MA MATCHPROP / Applies the properties of a selected object to other objects.
- ME MEASURE / Creates point objects or blocks at measured intervals along the length or perimeter of an object.

- MEA MEASUREGEOM / Measures the distance, radius, angle, area, and volume of selected objects or sequence of points.
- MI MIRROR / Creates a mirrored copy of selected objects.
- MLA MLEADERALIGN / Aligns and spaces selected multileader objects.
- MLC MLEADERCOLLECT / Organizes selected multileaders that contain blocks into rows or columns, and displays the result with a single leader.
- MLD MLEADER / Creates a multileader object.
- MLE MLEADEREDIT / Adds leader lines to, or removes leader lines from, a multileader object.
- MLS MLEADERSTYLE / Creates and modifies multileader styles.
- MO PROPERTIES / Controls properties of existing objects.
- MS MSPACE / Switches from paper space to a model space viewport.
- MSM MARKUP / Opens the Markup Set Manager.
- MT MTEXT / Creates a multiline text object.
- MV MVIEW / Creates and controls layout viewports.

N-O

- N NEW / Create a new drawing.
- **NVIEW NEWVIEW** / Creates a named view with no motion.
- O OFFSET / Creates concentric circles, parallel lines, and parallel curves.
- **OP OPTIONS** / Customizes the program settings.
- **OR ORTHO** / Constrains cursor movement to the horizontal or vertical direction
- OS OSNAP / Sets running object snap modes.

P2D	PUSHTODOCSOPEN / Opens the push to Autodesk Docs Palette.
Р	PAN / Adds a parameter with grips to a dynamic block definition.
PA	PASTESPEC / Pastes objects from the Clipboard into the current drawing and controls the format of the data.
PAR	PARAMETERS / Controls the associative parameters used in the drawing.
PARAM	BPARAMETER / Adds a parameter with grips to a dynamic block definition.
PE	PEDIT / Edits polylines and 3D polygon meshes.
PL	PLINE / Creates a 2D polyline.
PO	POINT / Creates a point object.
POFF	HIDEPALETTES / Hides currently displayed palettes (including the command line).

POL	POLYGON / Creates an equilateral closed polyline.			
PON	SHOWPALETTES / Restores the display of hidden palettes.			
PR	PROPERTIES / Displays Properties palette.			
PRE	PREVIEW / Displays the drawing as it will be plotted.			
PRINT	PLOT / Plots a drawing to a plotter, printer, or file.			
PS	PSPACE / Switches from a model space viewport to paper space.			
PU	PURGE / Removes unused items, such as block definitions and layers, from the drawing.			

C

- QC QUICKCALC / Opens the QuickCalc calculator.
- QP QUICKPROPERTIES / Displays open drawings and layouts in a drawing in preview images.

QSAVE QSAVE / Saves the current drawing.

- QVD QVDRAWING / Displays open drawings and layouts in a drawing using preview images.
- **QVL QVLAYOUT** / Displays preview images of model space and layouts in a drawing.

R		S		Τ	
R	REDRAW / Refreshes the display in the current viewport.	S	STRETCH / Stretches objects crossed by a selection window or polygon.	T	MTEXT / Creates a multiline text object.
RE	REGEN / Regenerates the entire drawing from the current viewport.	SC	SCALE / Enlarges or reduces selected objects, keeping the proportions of the object the same after scaling.	TA	TEXTALIGN / Aligns multiple text objects vertically, horizontally, or obliquely.
REA	REGENALL / Regenerates the drawing and refreshes all viewports.	SCR	SCRIPT / Executes a sequence	ТВ	TABLE / Creates an empty table object.
REC	RECTANG / Creates a rectangular polyline.	SET	of commands from a script file. SETVAR / Lists or changes the	TEDIT	TEXTEDIT / Edits a dimensional constraint, dimension, or text object.
REG	EGION / Converts an object that ncloses an area into a region object.	SHA	values of system variables. SHADEMODE / Sets the display to be wireframe or hidden-line images.	ТН	THICKNESS / Sets the default 3D thickness property when creating 2D geometric objects.
REN	RENAME / Changes the names assigned to items such as layers and dimension styles.	SN	SNAP / Restricts cursor movement to specified intervals.	TI	TILEMODE / Controls whether paper space can be accessed.
RO	ROTATE / Rotates objects around a base point.	SO	SOLID / Creates solid-filled triangles and quadrilaterals.	ТО	TOOLBAR / Displays, hides, and customizes toolbars
		SP	SPELL / Checks spelling in a drawing.	TOL	TOLERANCE / Creates geometric tolerances contained in a feature control frame.
		SPE	SPLINEDIT / Edits a spline or splinefit polyline.		
		SPL	SPLINE / Creates a smooth curve that passes through or near specified points. TP TP TR	TOOLPALETTES / Opens the Tool Palettes window.	
				TR	TRIM / Trims objects to meet the edges of other objects.
		SSM	SHEETSET / Opens the Sheet Set Manager. TS	TS	TABLESTYLE / Creates, modifies,
		ST	STYLE / Creates, modifies, or specifies text styles.	or specifies table styles.	or specifies table styles.
		su	SUBTRACT / Combines selected 3D solids, surfaces, or 2D regions by subtraction.		

U-W

UC UCSMAN / Manages defined user coordinate systems.

UNITS / Controls coordinate and angle display formats and

precision.

UNISOLATE UNISOLATEOBJECTS / Displays

objects previously hidden with the ISOLATEOBJECTS or HIDEOBJECTS command.

UNION / Unions two solid or two region objects.

V VIEW / Saves and restores named views, camera views, layout views, and preset views.

VP VPOINT / The Viewpoint Presets

dialog box is displayed.

VGO VIEWGO / Restores a named

view.

W WBLOCK / Writes objects or a block to a new drawing file.

WHEEL NAVSWHEEL / Displays a wheel

that contains a collection of view navigation tools.

X-Z

- X **EXPLODE** / Breaks a compound object into its component objects.
- XA XATTACH / Inserts a DWG file as an external reference (xref).
- XB XBIND / Binds one or more definitions of named objects in an xref to the current drawing.
- **XC XCLIP** / Crops the display of a selected external reference or block reference to a specified boundary.
- XL XLINE / Creates a line of infinite length.
- XR XREF / Starts the EXTERNALREFERENCES command.
- **Z ZOOM** / Increases or decreases the magnification of the view in the current viewport.
- ZIP ETRANSMIT / Creates a Self-Extracting or Zipped Transmittal Package.

