



## لیست دستورات Autocad2108 و shortcut (کلید خلاصه)

Keyboard Shortcut	AutoCAD Command
3A	3DARRAY
3AL	3DALIGN
3DCONFIG	GRAPHICSCONFIG
-3DCONFIG	-GRAPHICSCONFIG
3DMIRROR	MIRROR3D
3DNAVIGATE	3DWALK
3DO	3DORBIT
3DP	3DPRINT
3DPLOT	3DPRINT
3DW	3DWALK
3F	3DFACE
3M	3DMOVE
3P	3DPOLY
3R	3DROTATE
3S	3DSCALE
A	ARC
AA	AREA
AAD	DBCCONNECT
AC	BACTION

<b>ACADBLOCKDIALOG</b>	<b>BLOCK</b>
<b>ACADWBLOCKDIALOG</b>	<b>WBLOCK</b>
<b>ADC</b>	<b>ADCENTER</b>
<b>ADCENTER</b>	<b>ADCENTER</b>
<b>AECTOACAD</b>	<b>-ExportToAutoCAD</b>
<b>AEX</b>	<b>DBCCONNECT</b>
<b>AL</b>	<b>ALIGN</b>
<b>ALI</b>	<b>DBCCONNECT</b>
<b>AP</b>	<b>APPLOAD</b>
<b>APLAY</b>	<b>ALLPLAY</b>
<b>AR</b>	<b>ARRAY</b>
<b>-AR</b>	<b>-ARRAY</b>
<b>ARM</b>	<b>ACTUSERMESSAGE</b>
<b>-ARM</b>	<b>-ACTUSERMESSAGE</b>
<b>ARO</b>	<b>DBCCONNECT</b>
<b>ARR</b>	<b>ACTRECORD</b>
<b>ARS</b>	<b>ACTSTOP</b>
<b>-ARS</b>	<b>-ACTSTOP</b>
<b>ARU</b>	<b>ACTUSERINPUT</b>
<b>ASE</b>	<b>DBCCONNECT</b>
<b>ASQ</b>	<b>DBCCONNECT</b>
<b>ATE</b>	<b>ATTEDIT</b>
<b>-ATE</b>	<b>-ATTEDIT</b>

<b>ATI</b>	<b>ATTIPEDIT</b>
<b>ATT</b>	<b>ATTDEF</b>
<b>-ATT</b>	<b>-ATTDEF</b>
<b>ATTE</b>	<b>-ATTEDIT</b>
<b>AUTOCOMPLETE</b>	<b>-INPUTSEARCHOPTIONS</b>
<b>AUTOCOMPLETEDELAY</b>	<b>INPUTSEARCHDELAY</b>
<b>AUTOCOMPLETEMODE</b>	<b>-INPUTSEARCHOPTIONS</b>
<b>AV</b>	<b>DSVIEWER</b>
<b>B</b>	<b>BLOCK</b>
<b>-B</b>	<b>-BLOCK</b>
<b>BC</b>	<b>BCLOSE</b>
<b>BE</b>	<b>BEDIT</b>
<b>BH</b>	<b>HATCH</b>
<b>BLENDSRF</b>	<b>SURFBLEND</b>
<b>BMAKE</b>	<b>BLOCK</b>
<b>BMOD</b>	<b>BLOCK</b>
<b>BO</b>	<b>BOUNDARY</b>
<b>-BO</b>	<b>-BOUNDARY</b>
<b>BPOLY</b>	<b>BOUNDARY</b>
<b>BR</b>	<b>BREAK</b>
<b>BS</b>	<b>BSAVE</b>
<b>BVS</b>	<b>BVSTATE</b>
<b>C</b>	<b>CIRCLE</b>

<b>CAM</b>	<b>CAMERA</b>
<b>CBAR</b>	<b>CONSTRAINTBAR</b>
<b>CH</b>	<b>PROPERTIES</b>
<b>-CH</b>	<b>CHANGE</b>
<b>CHA</b>	<b>CHAMFER</b>
<b>CHK</b>	<b>CHECKSTANDARDS</b>
<b>CL</b>	<b>CENTERLINE</b>
<b>CLI</b>	<b>COMMANDLINE</b>
<b>CM</b>	<b>CENTERMARK</b>
<b>CMATTACH</b>	<b>COORDINATIONMODELATTACH</b>
<b>-CMATTACH</b>	<b>-COORDINATIONMODELATTACH</b>
<b>CO</b>	<b>COPY</b>
<b>COL</b>	<b>COLOR</b>
<b>COLOUR</b>	<b>COLOR</b>
<b>CONTENT</b>	<b>ADCENTER</b>
<b>CONVTOMESH</b>	<b>MESHSMOOTH</b>
<b>CP</b>	<b>COPY</b>
<b>CPARAM</b>	<b>BCPARAMETER</b>
<b>CREASE</b>	<b>MESHCREASE</b>
<b>CREATESOLID</b>	<b>SURFSCULPT</b>
<b>CSETTINGS</b>	<b>CONSTRAINTSETTINGS</b>
<b>CT</b>	<b>CTABLESTYLE</b>
<b>CUBE</b>	<b>NAVVCUBE</b>

<b>CURVATUREANALYSIS</b>	<b>ANALYSISCURVATURE</b>
<b>CYL</b>	<b>CYLINDER</b>
<b>D</b>	<b>DIMSTYLE</b>
<b>DAL</b>	<b>DIMALIGNED</b>
<b>DAN</b>	<b>DIMANGULAR</b>
<b>DAR</b>	<b>DIMARC</b>
<b>DBA</b>	<b>DIMBASELINE</b>
<b>DBC</b>	<b>DBCCONNECT</b>
<b>DC</b>	<b>ADCENTER</b>
<b>DCE</b>	<b>DIMCENTER</b>
<b>DCENTER</b>	<b>ADCENTER</b>
<b>DCO</b>	<b>DIMCONTINUE</b>
<b>DCON</b>	<b>DIMCONSTRAINT</b>
<b>DDA</b>	<b>DIMDISASSOCIATE</b>
<b>DDATTDEF</b>	<b>ATTDEF</b>
<b>DDATTE</b>	<b>ATTEDIT</b>
<b>DDATTEXT</b>	<b>ATTEXT</b>
<b>DDCHPROP</b>	<b>PROPERTIES</b>
<b>DDCOLOR</b>	<b>COLOR</b>
<b>DDEDIT</b>	<b>TEXTEDIT</b>
<b>DDI</b>	<b>DIMDIAMETER</b>
<b>DDIM</b>	<b>DIMSTYLE</b>
<b>DDINSERT</b>	<b>INSERT</b>

<b>DDLMODES</b>	<b>LAYER</b>
<b>DDLTYPE</b>	<b>LINETYPE</b>
<b>DDMODIFY</b>	<b>PROPERTIES</b>
<b>DDOSNAP</b>	<b>OSNAP</b>
<b>DDPLOTSTAMP</b>	<b>PLOTSTAMP</b>
<b>DDPTYPE</b>	<b>PTYPE</b>
<b>DDRMODES</b>	<b>DSETTINGS</b>
<b>DDSTYLE</b>	<b>STYLE</b>
<b>DDUCS</b>	<b>UCSMAN</b>
<b>DDUCSP</b>	<b>UCSMAN</b>
<b>DDUNITS</b>	<b>UNITS</b>
<b>DDVIEW</b>	<b>VIEW</b>
<b>DDVPOINT</b>	<b>VPOINT</b>
<b>DED</b>	<b>DIMEDIT</b>
<b>DELCON</b>	<b>DELCONSTRAINT</b>
<b>DELETE</b>	<b>ERASE</b>
<b>DI</b>	<b>DIST</b>
<b>DIMALI</b>	<b>DIMALIGNED</b>
<b>DIMANG</b>	<b>DIMANGULAR</b>
<b>DIMBASE</b>	<b>DIMBASELINE</b>
<b>DIMCONT</b>	<b>DIMCONTINUE</b>
<b>DIMDIA</b>	<b>DIMDIAMETER</b>
<b>DIMED</b>	<b>DIMEDIT</b>

<b>DIMHORIZONTAL</b>	<b>DIMLINEAR</b>
<b>DIMLIN</b>	<b>DIMLINEAR</b>
<b>DIMORD</b>	<b>DIMORDINATE</b>
<b>DIMOVER</b>	<b>DIMOVERRIDE</b>
<b>DIMRAD</b>	<b>DIMRADIUS</b>
<b>DIMROTATED</b>	<b>DIMLINEAR</b>
<b>DIMSTY</b>	<b>DIMSTYLE</b>
<b>DIMTED</b>	<b>DIMTEDIT</b>
<b>DIMVERTICAL</b>	<b>DIMLINEAR</b>
<b>DIV</b>	<b>DIVIDE</b>
<b>DJL</b>	<b>DIMJOGLINE</b>
<b>DJO</b>	<b>DIMJOGGED</b>
<b>DL</b>	<b>DATALINK</b>
<b>DLI</b>	<b>DIMLINEAR</b>
<b>DLU</b>	<b>DATALINKUPDATE</b>
<b>DO</b>	<b>DONUT</b>
<b>DOR</b>	<b>DIMORDINATE</b>
<b>DOUGHNUT</b>	<b>DONUT</b>
<b>DOV</b>	<b>DIMOVERRIDE</b>
<b>DR</b>	<b>DRAWORDER</b>
<b>DRA</b>	<b>DIMRADIUS</b>
<b>DRAFTANGLEANALYSIS</b>	<b>ANALYSISDRAFTANGLE</b>
<b>DRE</b>	<b>DIMREASSOCIATE</b>

<b>DRM</b>	<b>DRAWINGRECOVERY</b>
<b>DS</b>	<b>DSETTINGS</b>
<b>DST</b>	<b>DIMSTYLE</b>
<b>DT</b>	<b>TEXT</b>
<b>DTEXT</b>	<b>TEXT</b>
<b>DV</b>	<b>DVIEW</b>
<b>DWFOUT</b>	<b>PLOT</b>
<b>DX</b>	<b>DATAEXTRACTION</b>
<b>DXFIN</b>	<b>OPEN</b>
<b>DXFOUT</b>	<b>SAVEAS</b>
<b>E</b>	<b>ERASE</b>
<b>ED</b>	<b>TEXTEDIT</b>
<b>EDWF</b>	<b>EXPORTDWF</b>
<b>EDWFX</b>	<b>EXPORTDWFX</b>
<b>EL</b>	<b>ELLIPSE</b>
<b>EPDF</b>	<b>EXPORTPDF</b>
<b>EPDFSHX</b>	<b>PDFSHX</b>
<b>ER</b>	<b>EXTERNALREFERENCES</b>
<b>ESHOT</b>	<b>EDITSHOT</b>
<b>EX</b>	<b>EXTEND</b>
<b>EXIT</b>	<b>QUIT</b>
<b>EXP</b>	<b>EXPORT</b>
<b>EXT</b>	<b>EXTRUDE</b>



<b>EXTENDSRF</b>	<b>SURFEXTEND</b>
<b>F</b>	<b>FILLET</b>
<b>FI</b>	<b>FILTER</b>
<b>FILLETSRF</b>	<b>SURFFILLET</b>
<b>FINISH</b>	<b>MATERIALS</b>
<b>FOG</b>	<b>RENDERENVIRONMENT</b>
<b>FREEPOINT</b>	<b>POINTLIGHT</b>
<b>FSHOT</b>	<b>FLATSHOT</b>
<b>G</b>	<b>GROUP</b>
<b>-G</b>	<b>-GROUP</b>
<b>GCON</b>	<b>GEOMCONSTRAINT</b>
<b>GD</b>	<b>GRADIENT</b>
<b>GENERATESECTION</b>	<b>SECTIONPLANETOBLOCK</b>
<b>GEO</b>	<b>GEOGRAPHICLOCATION</b>
<b>GR</b>	<b>DDGRIPS</b>
<b>H</b>	<b>HATCH</b>
<b>-H</b>	<b>-HATCH</b>
<b>HB</b>	<b>HATCHTOBACK</b>
<b>HE</b>	<b>HATCHEDIT</b>
<b>HI</b>	<b>HIDE</b>
<b>I</b>	<b>INSERT</b>
<b>-I</b>	<b>-INSERT</b>
<b>IAD</b>	<b>IMAGEADJUST</b>

<b>IAT</b>	<b>IMAGEATTACH</b>
<b>ICL</b>	<b>IMAGECLIP</b>
<b>IM</b>	<b>IMAGE</b>
<b>-IM</b>	<b>-IMAGE</b>
<b>IMP</b>	<b>IMPORT</b>
<b>IN</b>	<b>INTERSECT</b>
<b>INF</b>	<b>INTERFERE</b>
<b>INSERTCONTROLPOINT</b>	<b>CVADD</b>
<b>INSERTURL</b>	<b>INSERT</b>
<b>IO</b>	<b>INSERTOBJ</b>
<b>ISOLATE</b>	<b>ISOLATEOBJECTS</b>
<b>J</b>	<b>JOIN</b>
<b>JOG</b>	<b>DIMJOGGED</b>
<b>JOGSECTION</b>	<b>SECTIONPLANEJOG</b>
<b>L</b>	<b>LINE</b>
<b>LA</b>	<b>LAYER</b>
<b>-LA</b>	<b>-LAYER</b>
<b>LAS</b>	<b>LAYERSTATE</b>
<b>LE</b>	<b>QLEADER</b>
<b>LEAD</b>	<b>LEADER</b>
<b>LEN</b>	<b>LENGTHEN</b>
<b>LESS</b>	<b>MESHSMOOTHLESS</b>
<b>LI</b>	<b>LIST</b>

<b>LINWEIGHT</b>	<b>LWEIGHT</b>
<b>LMAN</b>	<b>LAYERSTATE</b>
<b>LO</b>	<b>-LAYOUT</b>
<b>LS</b>	<b>LIST</b>
<b>LT</b>	<b>LINETYPE</b>
<b>-LT</b>	<b>-LINETYPE</b>
<b>LTS</b>	<b>LTSCALE</b>
<b>LTYPE</b>	<b>LINETYPE</b>
<b>-LTYPE</b>	<b>-LINETYPE</b>
<b>LW</b>	<b>LWEIGHT</b>
<b>M</b>	<b>MOVE</b>
<b>MA</b>	<b>MATCHPROP</b>
<b>MAT</b>	<b>MATBROWSEROPEN</b>
<b>ME</b>	<b>MEASURE</b>
<b>MEA</b>	<b>MEASUREGEOM</b>
<b>MI</b>	<b>MIRROR</b>
<b>ML</b>	<b>MLINE</b>
<b>MLA</b>	<b>MLEADERALIGN</b>
<b>MLC</b>	<b>MLEADERCOLLECT</b>
<b>MLD</b>	<b>MLEADER</b>
<b>MLE</b>	<b>MLEADEREDIT</b>
<b>MLS</b>	<b>MLEADERSTYLE</b>
<b>MO</b>	<b>PROPERTIES</b>

<b>MORE</b>	<b>MESHSMOOTHMORE</b>
<b>MOTION</b>	<b>NAVSMOTION</b>
<b>MOTIONCLS</b>	<b>NAVSMOTIONCLOSE</b>
<b>MS</b>	<b>MSPACE</b>
<b>MSM</b>	<b>MARKUP</b>
<b>MT</b>	<b>MTEXT</b>
<b>MV</b>	<b>MVIEW</b>
<b>NETWORKSRF</b>	<b>SURFNETWORK</b>
<b>NORTH</b>	<b>GEOGRAPHICLOCATION</b>
<b>NORTHDIR</b>	<b>GEOGRAPHICLOCATION</b>
<b>NSHOT</b>	<b>NEWSHOT</b>
<b>NVIEW</b>	<b>NEWVIEW</b>
<b>O</b>	<b>OFFSET</b>
<b>OFFSETSRF</b>	<b>SURFOFFSET</b>
<b>OP</b>	<b>OPTIONS</b>
<b>OPENURL</b>	<b>OPEN</b>
<b>ORBIT</b>	<b>3DORBIT</b>
<b>OS</b>	<b>OSNAP</b>
<b>-OS</b>	<b>-OSNAP</b>
<b>P</b>	<b>PAN</b>
<b>-P</b>	<b>-PAN</b>
<b>PA</b>	<b>PASTESPEC</b>
<b>PAINTER</b>	<b>MATCHPROP</b>

<b>PAR</b>	<b>PARAMETERS</b>
<b>-PAR</b>	<b>-PARAMETERS</b>
<b>PARAM</b>	<b>BPARAMETER</b>
<b>PARTIALOPEN</b>	<b>-PARTIALOPEN</b>
<b>PATCH</b>	<b>SURFPATCH</b>
<b>PCATTACH</b>	<b>POINTCLOUDATTACH</b>
<b>PE</b>	<b>PEDIT</b>
<b>PL</b>	<b>PLINE</b>
<b>PO</b>	<b>POINT</b>
<b>POFF</b>	<b>HIDEPALETTES</b>
<b>POINTOFF</b>	<b>CVHIDE</b>
<b>POINTON</b>	<b>CVSHOW</b>
<b>POL</b>	<b>POLYGON</b>
<b>PON</b>	<b>SHOWPALETTES</b>
<b>PR</b>	<b>PROPERTIES</b>
<b>PRCLOSE</b>	<b>PROPERTIESCLOSE</b>
<b>PRE</b>	<b>PREVIEW</b>
<b>PREFERENCES</b>	<b>OPTIONS</b>
<b>PRINT</b>	<b>PLOT</b>
<b>PROPS</b>	<b>PROPERTIES</b>
<b>PS</b>	<b>PSPACE</b>
<b>PSOLID</b>	<b>POLYSOLID</b>
<b>PTW</b>	<b>PUBLISHTOWEB</b>

<b>PU</b>	<b>PURGE</b>
<b>-PU</b>	<b>-PURGE</b>
<b>PYR</b>	<b>PYRAMID</b>
<b>QC</b>	<b>QUICKCALC</b>
<b>QCUI</b>	<b>QUICKCUI</b>
<b>QP</b>	<b>QUICKPROPERTIES</b>
<b>-QPUB</b>	<b>-EXPORT</b>
<b>QVD</b>	<b>QVDRAWING</b>
<b>QVDC</b>	<b>QVDRAWINGCLOSE</b>
<b>QVL</b>	<b>QVLAYOUT</b>
<b>QVLC</b>	<b>QVLAYOUTCLOSE</b>
<b>R</b>	<b>REDRAW</b>
<b>RA</b>	<b>REDRAWALL</b>
<b>RAPIDPROTOTYPE</b>	<b>3DPRINT</b>
<b>RASTERPREVIEW</b>	<b>THUMBSAVE</b>
<b>RC</b>	<b>RENDERCROP</b>
<b>RE</b>	<b>REGEN</b>
<b>REA</b>	<b>REGENALL</b>
<b>REBUILD</b>	<b>CVREBUILD</b>
<b>REC</b>	<b>RECTANG</b>
<b>RECTANGLE</b>	<b>RECTANG</b>
<b>REFINE</b>	<b>MESHREFINE</b>
<b>REG</b>	<b>REGION</b>

<b>REMOVECONTROLPOINT</b>	<b>CVREMOVE</b>
<b>REN</b>	<b>RENAME</b>
<b>-REN</b>	<b>-RENAME</b>
<b>RENDSCR</b>	<b>RENDERWINDOW</b>
<b>REV</b>	<b>REVOLVE</b>
<b>RFILEOPT</b>	<b>RENDERPRESETS</b>
<b>RMAT</b>	<b>MATBROWSEROPEN</b>
<b>RO</b>	<b>ROTATE</b>
<b>RP</b>	<b>RENDERPRESETS</b>
<b>RPR</b>	<b>RPREF</b>
<b>RR</b>	<b>RENDER</b>
<b>RW</b>	<b>RENDERWINDOW</b>
<b>S</b>	<b>STRETCH</b>
<b>SAVEURL</b>	<b>SAVE</b>
<b>SC</b>	<b>SCALE</b>
<b>SCR</b>	<b>SCRIPT</b>
<b>SE</b>	<b>DSETTINGS</b>
<b>SEC</b>	<b>SECTION</b>
<b>SET</b>	<b>SETVAR</b>
<b>SETUV</b>	<b>MATERIALMAP</b>
<b>SHA</b>	<b>SHADEMODE</b>
<b>SHADE</b>	<b>SHADEMODE</b>
<b>SHOWMAT</b>	<b>LIST</b>

<b>SL</b>	<b>SLICE</b>
<b>SMOOTH</b>	<b>MESHSMOOTH</b>
<b>SN</b>	<b>SNAP</b>
<b>SO</b>	<b>SOLID</b>
<b>SP</b>	<b>SPELL</b>
<b>SPE</b>	<b>SPLINEDIT</b>
<b>SPL</b>	<b>SPLINE</b>
<b>SPLANE</b>	<b>SECTIONPLANE</b>
<b>SPLAY</b>	<b>SEQUENCEPLAY</b>
<b>SPLIT</b>	<b>MESHSPPLIT</b>
<b>SSM</b>	<b>SHEETSET</b>
<b>ST</b>	<b>STYLE</b>
<b>STA</b>	<b>STANDARDS</b>
<b>SU</b>	<b>SUBTRACT</b>
<b>T</b>	<b>MTEXT</b>
<b>-T</b>	<b>-MTEXT</b>
<b>TA</b>	<b>TEXTALIGN</b>
<b>TB</b>	<b>TABLE</b>
<b>TEDIT</b>	<b>TEXTEDIT</b>
<b>TH</b>	<b>THICKNESS</b>
<b>TI</b>	<b>TILEMODE</b>
<b>TM</b>	<b>TILEMODE</b>
<b>TO</b>	<b>TOOLBAR</b>



<b>TOL</b>	<b>TOLERANCE</b>
<b>TOR</b>	<b>TORUS</b>
<b>TP</b>	<b>TOOLPALETTES</b>
<b>TR</b>	<b>TRIM</b>
<b>TS</b>	<b>TABLESTYLE</b>
<b>UC</b>	<b>UCSMAN</b>
<b>UN</b>	<b>UNITS</b>
<b>-UN</b>	<b>-UNITS</b>
<b>UNCREASE</b>	<b>MESHUNCREASE</b>
<b>UNHIDE</b>	<b>UNISOLATEOBJECTS</b>
<b>UNI</b>	<b>UNION</b>
<b>UNISOLATE</b>	<b>UNISOLATEOBJECTS</b>
<b>V</b>	<b>VIEW</b>
<b>-V</b>	<b>-VIEW</b>
<b>VGO</b>	<b>VIEWGO</b>
<b>VIEWPORTS</b>	<b>VPORTS</b>
<b>VP</b>	<b>VPOINT</b>
<b>-VP</b>	<b>-VPOINT</b>
<b>VPLAY</b>	<b>VIEWPLAY</b>
<b>VS</b>	<b>VSCURRENT</b>
<b>VSM</b>	<b>VISUALSTYLES</b>
<b>-VSM</b>	<b>-VISUALSTYLES</b>
<b>W</b>	<b>WBLOCK</b>

<b>-W</b>	<b>-WBLOCK</b>
<b>WE</b>	<b>WEDGE</b>
<b>WHEEL</b>	<b>NAVSWHEEL</b>
<b>X</b>	<b>EXPLODE</b>
<b>XA</b>	<b>XATTACH</b>
<b>XB</b>	<b>XBIND</b>
<b>-XB</b>	<b>-XBIND</b>
<b>XC</b>	<b>XCLIP</b>
<b>XL</b>	<b>XLINE</b>
<b>XR</b>	<b>XREF</b>
<b>-XR</b>	<b>-XREF</b>
<b>Z</b>	<b>ZOOM</b>
<b>ZEBRA</b>	<b>ANALYSISZEBRA</b>
<b>DEL</b>	<b>DEL</b>
<b>DIR</b>	<b>DIR</b>
<b>EXPLORER</b>	<b>START EXPLORER</b>
<b>NOTEPAD</b>	<b>START NOTEPAD</b>
<b>PBRUSH</b>	<b>START PBRUSH</b>
<b>SH SHELL</b>	
<b>START</b>	<b>START</b>
<b>TYPE</b>	<b>TYPE</b>

