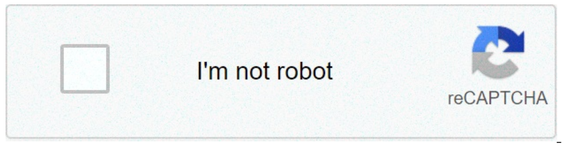

Continue

Zoom scale autocad

You can specify a relative change in view magnification by using Zoom Scale and typing a factor followed by the X character. the view center remains in the center of the display window. scale factors larger than 1.0 have a zoom in effect while factors less than 1.0 have a zoom out effect. Zoom In (2X) and Zoom Out (0.5X) use the Scale option of Zoom. you will find these 2 menu options in the View + Zoom pulldown menu and in the Zoom toolbar (or Standard toolbar flyout). Practice with ZOOM Scale 1- Continue in the same drawing from the previous exercise. 2- Pick View + Zoom + Out 3- Examine your command line history.Zoom (command Autocad For Mac MacZoom Out Command In AutocadCommand: ‘ zoom Specify corner of window, enter a scale factor (nX or nXP), or All/Center/Dynamic/Extents/Previous/Scale/Window:.5x. AutoCAD automatically supplies a factor of.5x to the first Zoom command prompt when you select the Zoom Out menu. 4- Pick View + Zoom + Scale and then enter 2X at the keyboard when prompted for the scale factor. Command: ‘zoomSpecify corner of window, enter a scale factor (nX or nXP), or All/Center/Dynamic/Extents/Previous/Scale/Window: s Enter a scale factor (nX or nXP): 2X ↵ Command: You manually used a factor of 2X to zoom in again. this scale factor reverses the 0.5X factor that was used in the previous step when you selected the Zoom Out menu option.AutoCAD supplied the s keyword to use the Scale option automatically when you picked View + Zoom + Scale. but you can also simply enter a scale factor at the first Zoom prompt without having to explicitly use the Scale option. You use the X suffix to scale view magnification relative to the current view magnification. you can also use an XP suffix to scale view magnification relative to paper space. you will learn about paper space when you work with the Introduction To Layouts document. 5- Remain in this drawing for the next exercise.AutoCAD for Mac is tailored for OS X, making it the perfect program for CAD designers who want to start drafting on their Macs. This course covers the essential features and techniques every designer needs to know to work with AutoCAD for Mac and create polished, professional drawings. Author Jim LaPier shows how to create and modify geometry, work with layers, create detailed layouts with dimensions and annotations, and plot and share drawings. The course also touches on the basics of 3D modeling in AutoCAD for Mac. Instructor. Jim LaPier is a consultant and designer at IMPACT Designs, LLC.Jim has worked with AutoCAD for 15 years in varying disciplines, including commercial and residential architectural design, mechanical engineering, materials handling, and telecommunications. He is skilled in customization, efficiency, and speed, as well as being adept in information technology. He also worked as a genius at an Apple Retail Store, and registered as a certified Apple technician. Jim combines paper and pencil drafting knowledge with his love of cutting edge technology, both Mac and PC-based. By: Jim LaPier course.18m. 129 viewers. Course Transcript - Not everything that we draw can fit on our screen at the same time. So it is important we get comfortable with zooming in and out of the work space so we can get to what we need to work on. Zooming around your drawing is an imperative skill. Too often I see drafters trying to select an object in a crowded drawing, while zoomed out to a ridiculous degree. I liken this to trying to pick up a cup, with arms stretched all the way out, each holding a single chopstick.It's needlessly difficult. Never be afraid of zooming in or out to find the optimum view.AutoCAD for Mac has a number of tools to help with this under the View menu item, under Zoom, here we find RealTime, Previous, Window, Dynamic, Scale, Center, Object, In and Out, as well as All and Extents. Scale is pretty straightforward, it simply allows us to type in a value, like.5, or in this case, two, to increase our zoom factor. RealTime turns our cursor into a spyglass. As I click, and drag down, I zoom out. As I click and drag up, I zoom in. Zoom Window allows you to specify a specific area of the drawing to zoom in to. And Zoom Previous sets your zoom factor back to the previous level.Another important Zoom tool, is Zoom Extents. Zoom Extents literally zooms out far enough despite every piece of geometry in your drawing. Another method of zooming in and out is to use your mouse or track pad. If you're using a standard two button mouse with a wheel, you can roll the wheel forward and backward, to zoom in and out of your drawing.The direction will depend on your Zoom Factor settings. Here, under the System Preferences.It can also be reversed, directly AutoCAD, under Preferences, General, here under Reverse Zoom Direction. Also note that AutoCAD for Mac takes advantage of the gestures built into Mac OS X, meaning you can pinch, and reverse pinch on your track pad to zoom in and out, like so.Also note that both zooming with the wheel mouse, and zooming by pinching, center the zoom action on your cursor, meaning you will be zooming in to wherever on the screen your cursor lies. This means you can increase your efficiency, by minding your cursor as you zoom in and out. Personally, I find a simple two button mouse with a wheel to be the most efficient mouse to use for drafting with AutoCAD. But, using the track pad with pinch and zoom is quite productive as well. Practice while you learn with exercise files. Watch this course anytime, anywhere. Course Contents.Introduction Introduction. 1. The Interface 1. The Interface. 2.File Management 2. File Management. 3. Navigation 3.Navigation. 4. Basic Geometry 4. Basic Geometry. 5.Geometry Tools 5. Geometry Tools.6. Modifying Geometry 6. Modifying Geometry.7. Layers.8. Advanced Objects 8.Advanced Objects. 9. Layouts.10. Annotations 10. Annotations.Zoom (command Autocad For Mac Mac11. Plotting and Sharing 11.Zoom Out Command In AutocadPlotting and Sharing. 12. 3D Basics 12. 3D Basics. Conclusion Conclusion. CAD Software, Training, Support & Development USA: +1 408 627 7616 UK: +44 208 123 3709 Australia: +61 2 9973 4499 NZ: 09 951 9906 design better faster funner ® ID: FQ-0000129 Applies to: LANDWorksCAD LTLANDWorksCAD PRORealCAD CompleteRealCAD DraftRealCAD LTRealCAD PRO I am a little bit confused with the Plot Scale and Zoom Scale in RealCAD / LANDWorksCAD. What is the difference between Zoom Scale and Plot Scale?AnswerZoom Scale Refers to the actual view of the plan you are drawing. If your Zoom Scale is set to 1:1, then you are drawing using 'real measurements'. Other Zoom Scale examples are 1:20, 1:100... The Zoom Scale is very useful also when printing completed plans to different scales. Plot Scale Plot Scale refers to the size of the texts and dimensions on your screen. Plot Scale is generally set 1:100, although you can easily change that under View Commands > Change Plot View Both Zoom Scale and Plot Scale can be modified easily depending on your specific needs. This article of How to scale your drawings correctly will give you more information and hints of how to work easily to different scales. Contact Us Sales questions?Contact us Technical Support Need Help?Tech Support Options CAD Club: Join us Free Have you ever felt like the middle mouse wheel zoom is too fast or too slow in AutoCAD? It can depend on the scale of the drawing and objects you are working on, or perhaps even your mood. This speed of the zoom in and out is controlled by a system variable named ZOOMFACTOR. The default of the system variable ZOOMFACTOR is 60. You type ZOOMFACTOR at the AutoCAD command line and then changing the value. My preference is 40 so that I am not zooming in too fast of increments. This is another one of those little settings that allow you to make AutoCAD more tailored to your use whether you like warp speed zooms or turtle slow zooming with the mouse wheel. You can also set someone else's ZOOMFACTOR to 3 just for fun or torment but be sure after watching them struggle to set it back. More Office AutoCAD Pranks Another related system variable is ZOOMWHEEL which can change the direction of the mouse wheel zoom to match another product such as Autodesk Inventor. Change the Direction of the Middle Mouse Wheel Zoom in AutoCAD Online AutoCAD 2010 documentation: AutoCAD Help Command Reference Cheers, Shaan AutoCAD typically deals in millimetres, but Ordnance Survey data available in Digimap is provided in metres. The instructions below explain how to re-scale a drawing from metres to millimetres. Set the correct map units Open the DWG file downloaded from Digimap in AutoCAD. Type 'units' in to the command bar and press enter, the Drawing Units window appears: Using the dropdown in the 'Insertion Scale' section select 'Meters' if not currently set. Press the OK button to close the window. Change the model file from metres to millimetres AutoCAD now knows that each unit in the map is 1 metre in the model. However, printing in AutoCAD is based on ISO paper sizes using millimetres so in order to print at a specific scale you need to convert the model from metres to millimetres. Press Ctrl + A on your keyboard to select all elements in the drawing. Type 'scale' in to the command bar and press enter. AutoCAD will ask 'SCALE Specify base point:', type '0,0' (without the quotes) and press enter. AutoCAD will ask 'SCALE Specify scale factor or [Copy Reference]', type '1000' (without the quotes) and press enter. You may need to press the zoom extents button to view the data. This will have changed the drawing from metres to millimetres. Creating a print file at a specified scale In the main AutoCAD map window select the 'Layout1' tab at the bottom left. On the layout page, delete the existing Viewport to give you a blank page. Do this by clicking once on the black box that highlights the extents of the Viewport (it will change to blue to indicate that it is selected), then press delete. This will leave you with a blank page. Change the paper size to the one you want to print. Do this by right clicking on the 'Layout1' tab and select 'Page Setup Manager' from the popup menu. In the Page Setup Manager window select *Layout1* and then 'Modify'. Select the Printer and Paper Size, and check that the 'Plot scale' units are set to 1:1: Select 'OK' and then 'Close' on the Page Setup Manager window if it is still open. Your sheet will now be set to whatever size you chose on the dialog above (we used A3). Select the 'Layout' tab at the top of the command ribbon: In the 'Layout Viewports' section select 'Rectangular' to create a new viewport: To add a new Viewport to your page click once on the page in the top left hand corner inside the dotted line (the dotted line indicates the print margin of your selected printer), move your mouse to the bottom right hand corner of the page and click again. You should now have a full page Viewport with the map displayed: Select the Viewport by clicking once on its border so that it glows blue. The scale of the currently selected Viewport is displayed in a drop down in the bottom right corner: Click on the dropdown arrow to expand the list of scales and select 'Custom...' from the list: The currently available drawing scales are displayed: Select 'Add...' to add a new scale, and complete as required. 'Paper units' are the units on the finished print out, 'Drawing units' are the units within the AutoCAD model. So to add a custom scale to print at 1:10,000 complete as shown below: Once completed, click 'OK' to close the window, and again to close the 'Edit Drawing Scales' window. Select the Viewport again so that it is highlighted in blue. The current drawing scale will be displayed in the scale selection drop down: Your new custom scale will be listed, select this and your drawing will now fill the Viewport at the selected scale: You can now print your map at the specified scale. Products and versions covered AutoCAD 2016, AutoCAD Architecture 2016, AutoCAD Civil 3D 2016, AutoCAD Electrical 2016, AutoCAD MEP 2016, AutoCAD Map 3D 2016, AutoCAD Mechanical 2016, AutoCAD P&ID 2016, AutoCAD Plant 3D 2016, AutoCAD Structural Detailing 2016, & AutoCAD Utility Design 2016 By: Help In-Product View Increases or decreases the magnification of the view in the current viewport. Find You can change the magnification of a view by zooming in and out, which is similar to zooming in and out with a camera. Using ZOOM does not change the absolute size of objects in the drawing. It changes only the magnification of the view. In a perspective view, ZOOM displays the 3DZOOM prompts. The following prompts are displayed. Corner of window Specify one corner of the area to be zoomed into. Opposite corner. Specify the opposite corner of the zoom area. All Zooms to display all visible objects and visual aids. Adjusts the magnification of the drawing area to accommodate the extents of all visible objects in the drawing, or visual aids such as the grid limits (the LIMITS command), whichever is larger. In the illustration on the right, the grid limits are set to a larger area than the extents of the drawing. Because it always regenerates the drawing, you cannot use ZOOM All transparently. Center Zooms to display a view defined by a center point and a magnification value or a height. A smaller value for the height increases the magnification. A larger value decreases the magnification. Not available in perspective projection. Dynamic Pans and zooms using a rectangular view box. The view box represents your view, which you can shrink or enlarge and move around the drawing. Positioning and sizing the view box pans or zooms to fill the viewport with the view inside the view box. Not available in perspective projection. To change the size of the view box, click, resize it, and click again to accept the new size of the view box. To pan with the view box, drag it to the location you want and press Enter. Extents Zooms to display the maximum extents of all objects. The extents of each object in the model are calculated and used to determine how the model should fill the window. Previous Zooms to display the previous view. You can restore up to 10 previous views. Scale / Scale factor Zooms to change the magnification of a view using a scale factor. Enter a value followed by x to specify the scale relative to the current view. Enter a value followed by xp to specify the scale relative to paper space units. For example, entering .5x causes each object to be displayed at half its current size on the screen. Entering .5xp displays model space at half the scale of paper space units. You can create a layout with each viewport displaying objects at a different scale. Enter a value to specify the scale relative to the grid limits of the drawing. (This option is rarely used.) For example, entering 2 displays objects at twice the size they would appear if you were zoomed to the limits of the drawing. Window Zooms to display an area specified by a rectangular window. With the cursor, you can define an area of the model to fill the entire window. Object Zooms to display one or more selected objects as large as possible and in the center of the view. You can select objects before or after you start the ZOOM command. Real Time Zooms interactively to change the magnification of the view. The cursor changes to a magnifying glass with plus (+) and minus (-) signs. See Zoom Shortcut Menu for a description of the options that are available while zooming in real time. Holding down the pick button at the midpoint of the window and moving vertically to the top of the window zooms in to 100%. Conversely, holding the pick button down at the midpoint of the window and moving vertically to the bottom of the window zooms out by 100%. When you reach the zoom-in limit, the plus sign in the cursor disappears, indicating that you can no longer zoom in. When you reach the zoom-out limit, the minus sign in the cursor disappears, indicating that you can no longer zoom out. When you release the pick button, zooming stops. You can release the pick button, move the cursor to another location in the drawing, and then press the pick button again and continue to zoom the display from that location. To exit zooming, press Enter or Esc.