I'm not a robot

Comando align autocad

 Mastering the align command in AutoCAD is essential for achieving precise and visually appealing drawings. Whether you're an architect, engineer, or designer, understanding how to use this powerful tool can greatly enhance your workflow and productivity. In this comprehensive guide, we will explore the ins and outs of the align command in AutoCAD, providing step-by-step instructions, tips, and advanced techniques to help you align objects with ease. From aligning dimensions and scaling objects to aligning viewports and utilizing 3D alignment, we'll cover everything you need to know to harness the full potential of the align command in AutoCAD.Key TakeawaysThe align command in AutoCAD allows you to align objects based on specific reference points or alignments, ensuring precise arrangement and spacing.Advanced options such as scaling, rotating, and mirroring are available within the align command, offering additional flexibility in object alignment.Object snaps play a crucial role in accurately selecting reference points for alignment, ensuring precise positioning of objects.Combining the align command with other AutoCAD tools and commands can further enhance your alignment capabilities.Utilizing layers can help organize your drawing elements and streamline the alignment process.How to Use the Align Command in AutoCADAre you looking to improve your AutoCAD skills and make your drawings more precise and visually appealing? The align command in AutoCAD is a powerful tool that can help you achieve just that. In this article, we'll explore how to use the align command effectively to align objects in your AutoCAD drawings.The Align Command: An OverviewThe align command in AutoCAD allows you to align objects based on specific reference points or alignments. It helps you arrange objects in a precise manner, ensuring that they are evenly spaced and aligned as per your requirements. Whether you're working on architectural drawings, mechanical designs, or any other type of CAD project, the align command can greatly simplify your workflow and enhance your productivity.Using the Align Command Step-by-StepTo use the align command in AutoCAD, follow these simple steps:Open your AutoCAD software and open the drawing file in which you want to align objects.Select the objects that you want to align. You can use various selection methods, such as clicking and dragging a selection window or using the "Select" tool to choose individual objects.Once you have selected the objects, type "ALIGN" in the command line or access the align command from the Modify panel in the Home tab.After initiating the align command, AutoCAD prompts you to specify the source point. This is the reference point that the selected objects will align to. You can choose any point on one of the objects or specify a coordinate manually.Next, AutoCAD asks you to specify the destination point. This is the reference point that the selected objects will align with. Similar to the source point, you can select a point on an object or input the coordinates directly.AutoCAD aligns the selected objects based on the source and destination points you specified. The alignment can be horizontal, vertical, or rotated, depending on the reference points and the objects' initial positions.Advanced Alignment OptionsThe align command in AutoCAD offers additional options to fine-tune your alignments and achieve more precise results. Some of these options include:Scale: You can scale the selected objects during the alignment process, allowing you to adjust their size while aligning them.Rotate: In addition to aligning objects horizontally or vertically, you can also rotate them to a specific angle during alignment. This feature is particularly useful when working with complex drawings that require objects to be aligned at different angles.Mirror: The align command allows you to mirror the selected objects during alignment. This can be handy when you need to create symmetrical arrangements or flip objects to match a particular orientation.Object Snapping: AutoCAD provides various object snapping options, such as endpoint, midpoint, and intersection snapping, which can assist you in accurately selecting the desired source and destination points for alignment.Tips for Using the Align Command EffectivelyHere are some tips to help you make the most out of the align command in AutoCAD:Plan Your Alignment: Before using the align command, it's essential to plan the desired alignment carefully. Consider the reference points and the type of alignment (horizontal, vertical, or rotated) that will best suit your drawing.Use Object Snaps: Object snaps are invaluable when selecting precise points for alignment. Enable the appropriate object snaps to ensure accurate positioning of the source and destination points.Combine with Other Commands: The align command can be combined with other AutoCAD commands to achieve complex alignments. Experiment with commands like copy, rotate, and scale to create intricate arrangements.Utilize Layers: Organizing your drawing elements into layers can help you align specific groups of objects more efficiently. By isolating layers, you can focus on aligning related objects without affecting the rest of the drawing.Save Alignment Settings: If you frequently perform similar alignments in your drawings, consider saving your alignment settings as a named preset. This way, you can quickly apply the preset to align objects without having to redefine the alignment parameters each time.Explore Additional Alignment Tools: While the align command is a versatile tool, AutoCAD offers other alignment tools that can further enhance your workflow. Take the time to explore additional commands like "Distribute," "Array," and "Move/Copy" to achieve more complex and efficient alignments.FAQ: How to Use the Align Command in AutoCAD?1. How do you align dimensions in AutoCAD?To align dimensions in AutoCAD, you can use the "DIMALIGN" command. Follow these steps:Select the dimension objects that you want to align.Type "DIMALIGN" in the command line or access the command from the Dimension panel in the Annotate tab.AutoCAD prompts you to select the base dimension. Choose the dimension that you want to align other dimensions to.Next, select the dimensions that you want to align to the base dimension.AutoCAD aligns the selected dimensions based on the base dimension, ensuring consistent alignment and spacing.2. How do you scale align?Scaling alignment in AutoCAD allows you to resize objects while maintaining their alignment. Here's how you can scale align objects:Select the objects that you want to scale align.Type "SCALE" in the command line or access the Scale command from the Modify panel in the Home tab.AutoCAD prompts you to specify the base point. Choose a reference point for the scaling operation.Next, AutoCAD asks you to specify the scale factor. Enter the desired scale factor or select a reference length to scale the objects proportionally.Finally, specify the reference point for the scaled objects. This point will remain fixed during the scaling process.AutoCAD scales the selected objects while preserving their alignment based on the specified base and reference points.3. How do I align multiple objects in AutoCAD?To align multiple objects in AutoCAD, you can utilize the "ALIGN" command. Here's a step-by-step guide:Select the objects that you want to align. You can use various selection methods, such as clicking and dragging a selection window or using the "Select" tool to choose individual objects.Type "ALIGN" in the command line or access the align command from the Modify panel in the Home tab.AutoCAD prompts you to specify the source point. This is the reference point that the selected objects will align to. You can choose any point on one of the objects or specify a coordinate manually.Next, AutoCAD asks you to specify the destination point. This is the reference point that the selected objects will align with. Similar to the source point, you can select a point on an object or input the coordinates directly.AutoCAD aligns the selected objects based on the source and destination points you specified.4. How do you align a viewport in AutoCAD?Aligning a viewport in AutoCAD involves adjusting its position and scale within the layout. Here's how you can align a viewport:Access the layout tab that contains the viewport you want to align.Select the viewport by clicking inside it.Type "MVIEW" in the command line or access the "Viewport" panel in the Layout tab and click on the "Move Viewport" button.AutoCAD prompts you to specify a base point. Choose a reference point on the viewport or input the coordinates manually.Next, specify the destination point where you want to align the viewport. This can be a specific location on the layout or based on existing objects.AutoCAD moves and aligns the viewport based on the specified points, adjusting its position within the layout.5. How do you use 3D alignment?In AutoCAD, 3D alignment allows you to align objects in a three-dimensional space. Here's how you can use 3D alignment:Select the objects that you want to align in 3D. These objects can be 3D solids, surfaces, or other entities.Type "3DALIGN" in the command line or access the 3DALIGN command from the Modify panel in the Home tab.AutoCAD prompts you to specify the source point. This is the reference point that the selected objects will align to.Next, specify the destination point. This is the reference point that the selected objects will align with.You may also be prompted to specify a third point to establish the rotation axis for the alignment.AutoCAD performs the 3D alignment, adjusting the positions and orientations of the selected objects based on the specified points and rotation axis.6. How do you align a model space to a viewport?Aligning model space to a viewport involves adjusting the view and position of the objects in model space to match the desired view within a specific viewport. Here's how you can align model space to a viewport:Access the layout tab that contains the viewport you want to align.Double-click inside the viewport to enter model space.Use the zoom and pan tools to adjust the view and position of objects in model space until it matches the desired view within the viewport.Exit model space by double-clicking outside the viewport or by using the "MSLTSCALE" command to toggle the model space and paper space linetype scaling.The viewport will now display the aligned view of the objects in model space.7. How do I align two images in AutoCAD?AutoCAD does not provide direct image alignment functionality. However, you can use other methods to align images within your AutoCAD drawings. Here's one possible approach:Insert the images into your AutoCAD drawing using the "INSERT" command or by dragging and dropping them into the drawing area.Select one of the images that you want to align.Use the "MOVE" command or the grip editing tools to position the image in the desired location.Select the second image that you want to align.Use the same positioning techniques to move and align the second image relative to the first one.By manually adjusting the position of the images using the move command or grip editing, you can align them visually within your AutoCAD drawing. Remember to consider snap settings and object snaps to ensure accurate alignment.8. How do I align in AutoCAD 2020?AutoCAD 2020, like previous versions, provides the "ALIGN" command to align objects. The steps to use the align command in AutoCAD 2020 are the same as described earlier in this article. You can follow these steps:Select the objects that you want to align.Type "ALIGN" in the command line or access the align command from the Modify panel in the Home tab.Specify the source point by selecting a point on one of the objects or entering the coordinates manually.Specify the destination point by selecting a point on another object or inputting the coordinates directly.AutoCAD will align the selected objects based on the specified source and destination points.AutoCAD 2020 offers the same powerful align command, allowing you to precisely arrange and align objects in your drawings to meet your design requirements.9. How do I center an object in CAD?To center an object in AutoCAD, you can use various methods depending on the type of object and the desired centering technique. Here are a couple of common approaches:Centering Using Object Snaps:Select the object that you want to center.Activate the "OSNAP" function by clicking the Object Snap button in the status bar or typing "OSNAP" in the command line.Enable the "Center" object snap by clicking on the Center option in the Object Snap menu or typing "CEN" in the command line.Move your cursor near the object's boundary until the center snap marker appears.Click to snap the object's center to the desired location.Centering Using Align Command:Select the object that you want to center.Type "ALIGN" in the command line or access the align command from the Modify panel in the Home tab.Specify a reference point within the object as the source point.Choose the destination point as the desired center location.AutoCAD will align the object, centering it based on the specified points.By utilizing object snaps or the align command, you can easily center objects within your AutoCAD drawings, ensuring balanced and visually pleasing designs.10. What is align system?In AutoCAD, the align system refers to a set of commands and tools that allow you to align and arrange objects precisely. The align system includes commands such as "ALIGN," "DIMALIGN," and "MVIEW" for aligning objects, dimensions, and viewports, respectively. These commands help you achieve consistent and accurate positioning of elements within your drawings.By using the align system in AutoCAD, you can easily adjust the placement, spacing, and orientation of objects, ensuring a well-organized and visually appealing design. The align system offers flexibility and control, empowering you to create professional and precise drawings.11. What is an example of alignment?An example of alignment in AutoCAD is aligning a set of text objects to create a uniform and visually pleasing layout. For instance, suppose you have a series of text labels representing different elements in a floor plan. By using the align command, you can align all the text labels vertically or horizontally, ensuring that they are uniformly positioned and aligned with each other. This creates a neat and organized presentation of information within your drawing.Alignment can also be applied to other objects, such as lines, blocks, or dimensions, to achieve consistency, symmetry, or specific positioning requirements. The align command in AutoCAD provides the flexibility to align objects based on various reference points or alignments, enabling you to create structured and professional designs.12. Do you align with or align to?In the context of AutoCAD, both "align with" and "align to" are commonly used phrases. The choice between them depends on the specific alignment operation and the reference points involved."Align with" is typically used when aligning objects based on their common reference points. For example, you align one object with another object by positioning them so that their reference points coincide or align."Align to" is often used when aligning objects to a specific reference point or coordinate. For instance, you align an object to a particular location by specifying the destination point or coordinate to which the object should align.In essence, both phrases convey the concept of adjusting the position or orientation of objects to achieve alignment. The choice between "align with" and "align to" depends on the context and the specific reference points or destinations involved in the alignment operation.13. What is align dimensioning?Align dimensioning in AutoCAD refers to the process of aligning and arranging dimension objects in a drawing to enhance clarity and readability. When dimensions are aligned, they are positioned in a consistent manner, ensuring a neat and organized presentation of measurements.By aligning dimensions, you can achieve a uniform spacing between them, making it easier for readers to interpret the drawing. Aligning dimensions also helps in avoiding clutter and overlapping, improving the overall aesthetics of the design.AutoCAD provides the "DIMALIGN" command specifically for aligning dimensions. With this command, you can select multiple dimensions and align them based on a common reference dimension or a specific alignment point. By utilizing align dimensioning techniques, you can create professional and well-structured technical drawings.14. What is aligned system of dimensioning?The aligned system of dimensioning is a method used in technical drawings to represent the size and location of objects with precision. In this system, dimensions are aligned with the object or feature being measured, providing clear and concise information about its measurements.In an aligned system of dimensioning, dimensions are placed in alignment with the extension lines, and they are positioned in a way that they do not intersect or overlap. This method ensures that dimensions can be easily read and understood without confusion.The aligned system of dimensioning is widely used in various industries, such as engineering, architecture, and manufacturing. It follows standardized practices and conventions to maintain consistency and uniformity in dimensioning, allowing accurate interpretation of drawings by professionals and stakeholders.15. How do I align text in dimension?To align text within a dimension in AutoCAD, you can use the dimension style settings. Here's how you can align text in a dimension:Type "DIMSTYLE" in the command line to open the Dimension Style Manager.In the Dimension Style Manager, select the dimension style you want to modify or create a new one.In the Text tab of the Dimension Style Manager, locate the Text Alignment or Text Placement section.Choose the desired alignment option, such as Horizontal, Centered, or Aligned with Dimension Line.Apply the changes and close the Dimension Style Manager.By adjusting the text alignment settings within the dimension style, you can control how the dimension text is positioned in relation to the dimension lines and arrows. This ensures that the dimension text is legible and properly aligned, enhancing the clarity and readability of your dimensioned drawings.ConclusionMastering the align command in AutoCAD is a game-changer for professionals working with technical drawings and designs. By understanding the step-by-step process and exploring advanced techniques, you can achieve impeccable alignment and enhance the visual precision of your drawings. Whether you're aligning objects, dimensions, or viewports, the align command offers a powerful set of tools to streamline your workflow and improve productivity.Remember to plan your alignments, utilize object snaps, and explore additional commands to maximize the potential of the align command. Regular practice and experimentation will help you refine your skills and develop a keen eye for precise alignments. With the knowledge gained from this guide, you're well-equipped to take your AutoCAD proficiency to new heights and create impressive, well-aligned drawings that leave a lasting impact. Aligns multiple text objects vertically, horizontally, or obliquely. Find Allows multiple text objects to be aligned to a base object and provides a preview of the result. The following prompts are displayed. Select text objects to align [allgnment Options] Select two or more objects to align and press Enter. Alignment Sets the alignment orientation. This value is stored in the TEXTALIGNMODE system variable. Left (default setting) Center Right TL (top left) TC (top center) TR (top right) ML (middle left MC (middle center) MR (middle right) BL (bottom left) BC (bottom center) BR (bottom right) Select text object to align to Select the text object to which others should align. Pick second point or [Options] After specifying a base object to align to, specify a second point to set the position of the target objects. Distribute Spaces objects evenly between two selected points. Set Spacing Specifies spacing between the extents of the text objects. Current Vertical Honors the current vertical positioning of the text object to be aligned. Current Horizontal Honors the current horizontal positioning of the text object to be aligned to. If you have an object at some random angle and you want to align it with respect to another object or any known or unknown angle then you can use the methods explained here.The most obvious method is the use of reference option of Rotate command.To explain this tip, I will use this 2D drawing of a spanner as shown below.Related: Learn to make this spanner drawing in AutoCAD here.Let's assume that we want to rotate the Spanner with reference to another line AB as shown in the drawing with Red colour.Type RO and press enter to start the rotate command, select the spanner, and press enter key again.Click on any point on the spanner and that will become the base point about which the spanner will rotate.In this case, I am selecting a random point close to the center of the spanner as the base point.Now select Reference option from the command line as shown in the image below. Click on the two points in the drawing that will act as the reference of rotation.In this case, I am selecting the midpoints of the filleted rectangle which act as the reference shown in the image below. Now select Points option from the command line and then click on point A and B of red line respectively.The spanner will align parallel to the line AB as shown in the image below.There is also an alternate way of doing this with the help of ALIGN command, which I will explain next.Rotating using ALIGN CommandAlign tool is another way of rotating an object with reference to another.I will use the same example of spanner to explain this tip.Type AL and press enter then select the spanner and press enter again.Now you need to specify the first point of reference.Select the midpoint 1 of the filleted rectangle which we have selected earlier as shown in the image 3.Now click on point A on the red line and that will become the point on which midpoint 1 will be placed. Once again select the midpoint 2 of the filleted rectangle which you have selected earlier and click on point B of red line as its reference.In this case, midpoint 1 will coincide with point A, midpoint 2 will become collinear with point B and now we need to specify the third reference points.Select any point directly above the spanner as the third base point and then click anywhere above line AB as the third reference point.The order of selection of points in my case is shown in the image below. As soon as you click on the third reference point the spanner will align parallel to the line AB with midpoint 1 coinciding with the point A of the red line.Do you have questions related to this tip? Let me know in the comments below.So, that's how you can align one object with respect to another in AutoCAD even when you don't know the angles of either.I hope this article helped, feel free to share your questions down below. Aligns objects with other objects in 2D and 3D. Find Note: In AutoCAD LT, this command is available only from the command line. Either one, two, or three pairs of source points and definition points can be specified to move, rotate, or tilt the selected objects, aligning them with points on another object. Specify either one, two, or three pairs of source points and definition points to align the selected objects. The following prompts are displayed. Select objects Select the objects to align and press Enter. The next series of prompts asks for source and destination points. The number of point pairs that you specify determines the results. First source point, First destination point When you select only one source point and destination point pair, the selected objects move in 2D or 3D from the source point (1) to the destination point (2). First and Second source and destination points When you select two point pairs, you can move, rotate, and scale the selected objects to align with other objects. The first set of source and destination points defines the base point for the alignment (1, 2). The second set of points defines the angle of rotation (3, 4). After you enter the second set of points, you are prompted to scale the object. The distance between the first and second destination points (2, 4) is used as the reference length to which the object is scaled. Scaling is available only when you are aligning objects using two point pairs. Note: If you use two source and destination points to perform a 3D alignment on non-perpendicular working planes, you get unpredictable results. First, Second, and Third source and destination points When you select three point pairs, you can move and rotate the selected objects in 3D to align with other objects. The selected objects move from the source point (1) to the destination point (2). The selected object is rotated (1 and 3) so that it aligns with the destination object (2 and 4). The selected object is then rotated again (3 and 5) so that it aligns with the destination object (4 and 6). ALIGN – Passando vergonha ou apuros porque não sabe usar o comando Align? Já sofri como você e hoje vamos aprender a usar este comando de uma vez por todas! Sabe aqueles comandos que você não sabe usar direito e quando precisa dele fica passando por maus bocados? Já sofri assim com o comando Align. O comando ALIGN alinha um objeto em relação a outro objeto, tanto em 2D como em 3D. Para ativá-lo precisamos informar quais são os pontos de origem e quais são os pontos de destino. Para ativar o comando vá ao menu Modify (no sub-painel) ou digite na linha de comando AL. Temos que indicar quais pontos de origem e quais pontos de destino. A sequência é bem simples, para desenhos 2D clicamos em quatro pontos: Clique no primeiro ponto de origem. Clique no ponto de destino (para onde o primeiro ponto de origem vai). Clique no segundo ponto de origem. Clique no ponto de destino (para onde o segundo ponto de origem vai). Ao finalizar o AutoCAD vai abrir uma janela perguntando "usar escala baseado no alinhamento dos objetos?" Basta pressionar Enter para escolher que não. Mas o que ele quer dizer com essa pergunta? Simples, se a distância entre os pontos de origem e os pontos de destino for maior ou menor o AutoCAD pode alterar o tamanho do objeto ativando o comando Scale. Para isso, basta escolher a opção YES. Viram? O objeto foi alinhado e redimensionado. Eu raramente preciso redimensionar o objeto após o alinhamento, mas é interessante saber que caso precise é possível! Gostaram? Curtam nossa página! Dúvidas? Comentem! Se este conteúdo foi útil para você, considere apoiar o projeto! Toda contribuição ajuda a manter o site gratuito, sem anúncios, e a levar mais conhecimento a todos. Escaneie o QR Code abaixo ou Envie um Pix para apoiar o QualifiCAD! Siga o QualifiCAD nas redes sociais e acompanhe nossas atualizações: QualifiCAD no WhatsApp! Faça parte da comunidade! Deixe seu comentário abaixo e participe da conversa! Sua opinião é importante!! Ibrahim Omer AutoCAD Align Command | Align command Without Scaling | Align Command With Scaling | CADable | CADable tutorials Welcome to CADable! In this tutorial, Engineer Ibrahim Omer is here to help you learn an important tool in AutoCAD called the Align command. This tool can save you time and make your work more precise. In the first example, we'll show you how to move an object horizontally to match another one without changing its size. This is great for getting things to line up perfectly. In the second example, we'll teach you how to move an object vertically while also changing its size. This can be handy when you need to adjust things both in position and size. In the third example, we'll guide you on aligning an object horizontally between two lines while also changing its size. This is super useful for more complex drawings. Forget about using the rotate command, which can be confusing and take up a lot of your time. With the Align command, you'll work faster and smarter. This tutorial is designed for beginners, so don't worry if you're just starting out. You can pause the video and practice each step at your own pace. If you have any questions, feel free to ask in the comments. Engineer Ibrahim Omer is here to help you out. Remember, practice makes perfect! So, keep watching CADable for more easy-to-follow tutorials and keep improving your AutoCAD skills. Keep practicing as practice makes a man perfect. Follow our Channel: ﷺ #aautocadaligncommand #aligncommandwithoutscaling #aligncommandwithscaling #CADable #CADabletutorials ALIGN – Passando vergonha ou apuros porque não sabe usar o comando Align? Já sofri como você e hoje vamos aprender a usar este comando de uma vez por todas! Sabe aqueles comandos que você não sabe usar direito e quando precisa dele fica passando por maus bocados? Já sofri assim com o comando Align. O comando ALIGN alinha um objeto em relação a outro objeto, tanto em 2D como em 3D. Para ativá-lo precisamos informar quais são os pontos de origem e quais são os pontos de destino. Para ativar o comando vá ao menu Modify (no sub-painel) ou digite na linha de comando AL. Temos que indicar quais pontos de origem e quais pontos de destino. A sequência é bem simples, para desenhos 2D clicamos em quatro pontos: Clique no primeiro ponto de origem. Clique no ponto de destino (para onde o segundo ponto de origem vai). Ao finalizar o AutoCAD vai abrir uma janela perguntando "usar escala baseado no alinhamento dos objetos?" Basta pressionar Enter para escolher que não. Mas o que ele quer dizer com essa pergunta? 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El comando ALIGN es uno de esos comandos útiles que tiene Autocad, pero que son menos conocidos entre los usuarios. A menos que hayan usado antes el comando ALIGN, probablemente no lo conozcan. (Ver en Youtube) ALIGN (alinear) sirve para alinear cosas en Autocad, De cierta forma es parecido al comando ALIGN de Revit, pero un poco más completo y lo podemos usar en mayor variedad de formas. Qué cosas podemos alinear? Prácticamente lo que se nos ocurra. Podemos alinear una línea, un bloque, o prácticamente cualquier objeto en Autocad. Y lo podemos alinear con respecto a otro objeto, sea una línea, un bloque o cualquier otro. Esa segunda parte es lo que verdaderamente hace útil el comando ALIGN. Como muestra el video, a la hora de usar el comando alinear en Autocad, lo que importa realmente es la línea de referencia que formen los puntos que seleccionamos... no tanto los puntos en sí. Eso significa que para alinear una línea grande podemos seleccionar los puntos de una línea pequeña o de un objeto mucho más pequeño, y simplemente el objeto que estamos alineando nos seguirá esa referencia. También existe la posibilidad de escalar un objeto mientras lo estamos alineando. Al activar el comando align en Autocad, entre las opciones que tenemos está además de rotar y alinear los puntos, escalarlos para que el objeto termine siendo del mismo tamaño de la línea de referencia. Esto es útil si estamos tratando de cambiar un bloque de escala, para que empate con algún objeto que ya tengamos dibujado en el plano. Leer Como hacer scripts de AutoCADTambién podemos usar esta opción de escalar los objetos mientras los alineamos para generar miniaturas. Simplemente seleccionamos un conjunto de objetos que estén a una escala dentro del plano CAD y los alineamos con alguna línea de referencia, que tenga el tamaño final que queremos para ellos. Puede ser por ejemplo la línea de un marco dentro de la lámina. De esta manera además de alinear los objetos, les estaremos cambiando el tamaño para que queden cabiendo dentro del marco sin ningún problema. ALIGN en Autocad que es un comando muy útil, especialmente ya cuando pasan de hacer el diseño aislado en un papel de su edificación, a hacer el diseño de sitio y tienen que alinear la información arquitectónica con la información topográfica. O también cuando se combinan disciplinas, y tienen que alinear información arquitectónica con estructural, con electromecánico para hacer comparación y superposición. Cómo usar el comando ALIGN en AutoCAD