

# Creating a Custom Sink Hole or Cutout

---

Reference Number: **KB-01203**

Last Modified: **March 7, 2023**

---

The information in this article applies to:



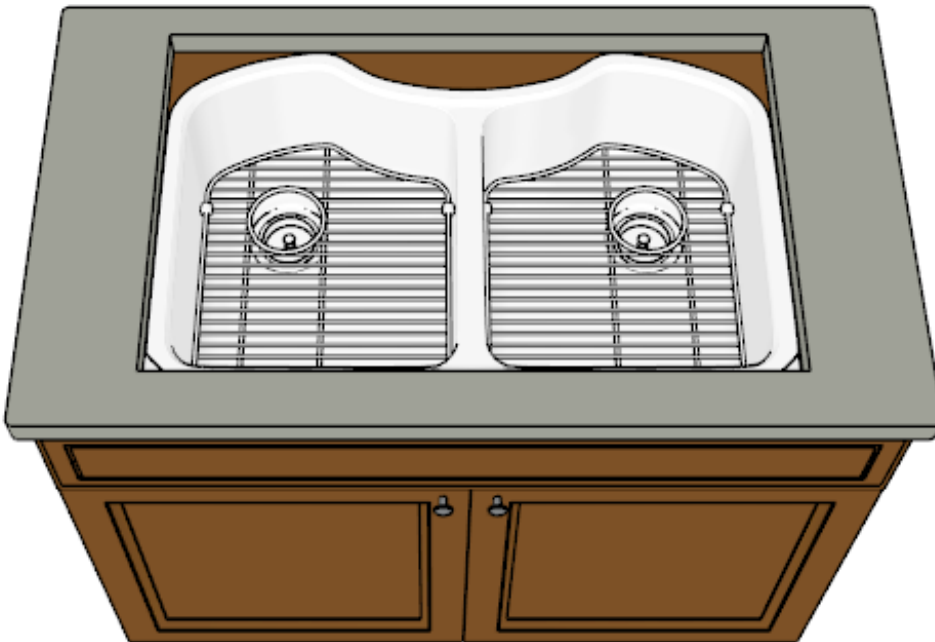
## QUESTION

When I insert a sink into a cabinet, the countertop hole doesn't look correct. How can I customize this cutout to my liking?





# ANSWER

When a sink fixture is placed into a cabinet, a hole will typically be cut out of the countertop automatically. In some instances though, such as when you're using a third party sink symbol that was imported, this cutout may not generate as you would expect.



If this occurs, you can adjust the CAD block associated with a sink fixture so that the cutout better suits your needs.

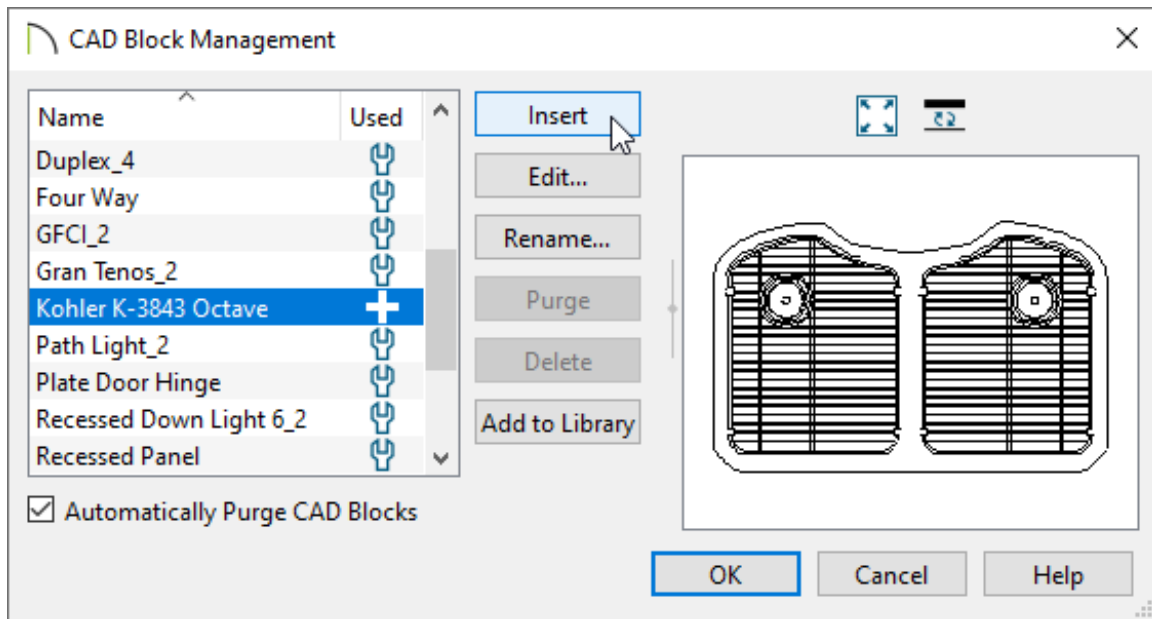
## To customize a sink's cutout

1. In a **New Plan** , locate and select the sink fixture that you would like to create a custom sink hole for from the **Library Browser** , then place it in an empty area of the plan.

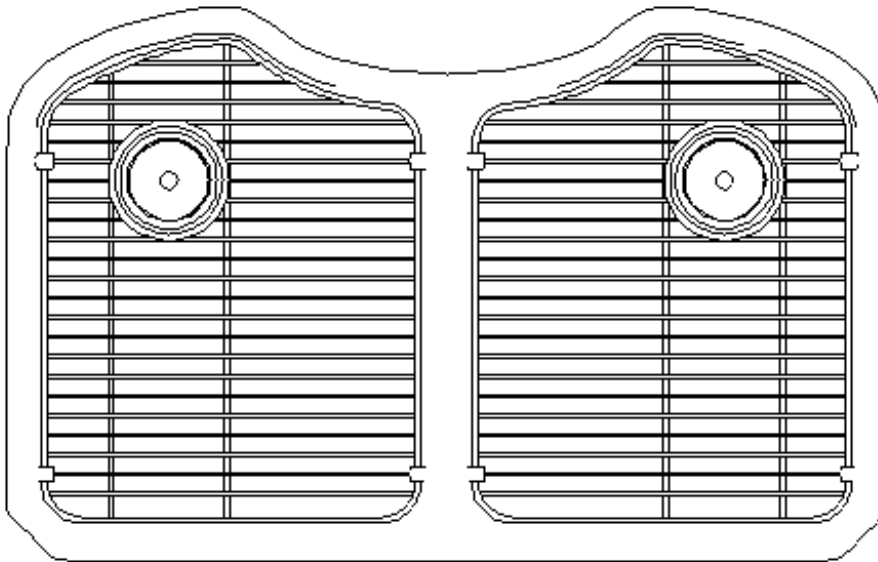
A Question dialog may appear stating that "The symbol you are trying to place was designed to be placed onto the top of a base cabinet but you did not select an appropriate cabinet. Would you like to place the symbol as a free standing object?" Click **Yes**.




2. Navigate to **CAD> CAD Block Management**  from the menu.

3. In the **CAD Block Management** dialog that opens, locate the custom sink, select it, then click **Insert**.

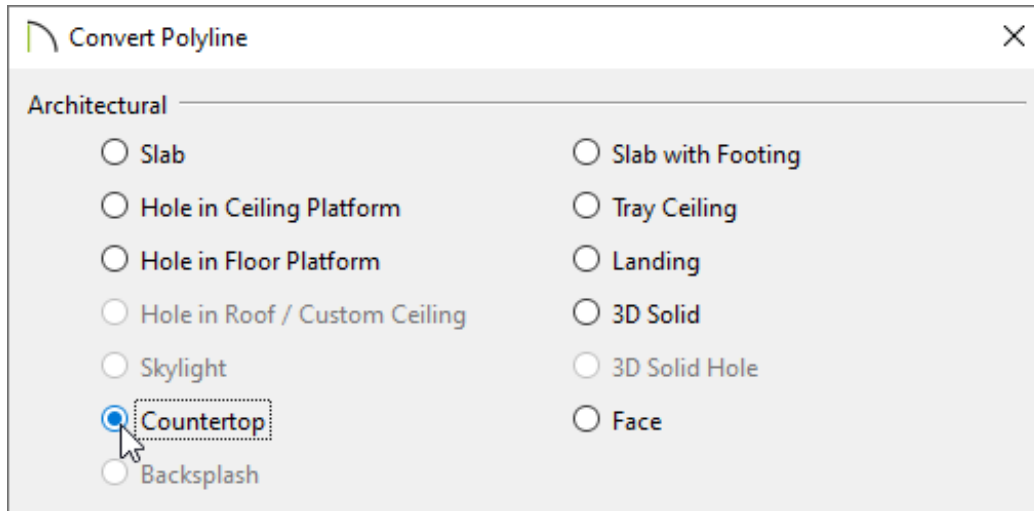


4. Click in an empty area of the plan to place the CAD block.

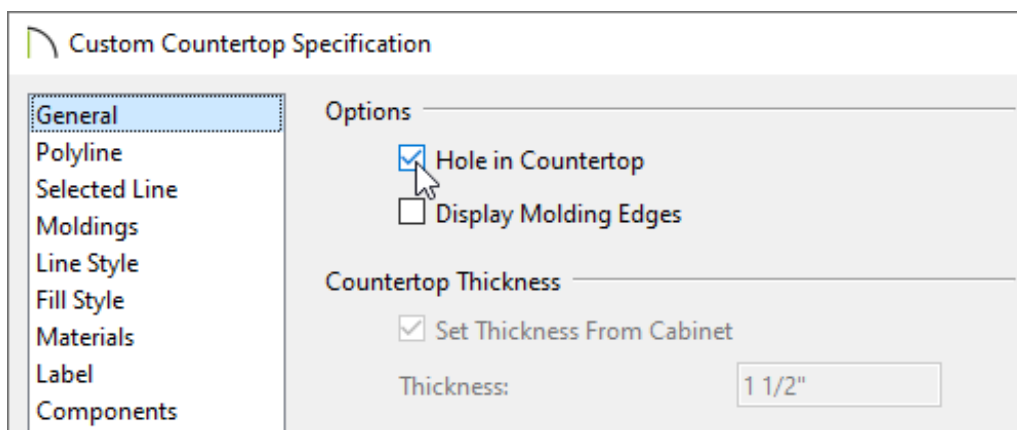



5. Using the **Select Objects**  tool, click on the newly placed CAD block to select it, then click the **Explode CAD Block**  edit tool.
6. With the block exploded, select the outermost polyline that pertains to the sink, then click the **Convert Polyline**  edit tool.

- o The **Convert Polyline** dialog will appear. Select the **Countertop** option and click **OK**.




- o The **Custom Countertop** dialog will then appear. Check the **Hole in Countertop** box and click **OK**.



7. Group select all of the CAD components and select the **Make CAD Block**  edit tool to block all of the CAD components back together.

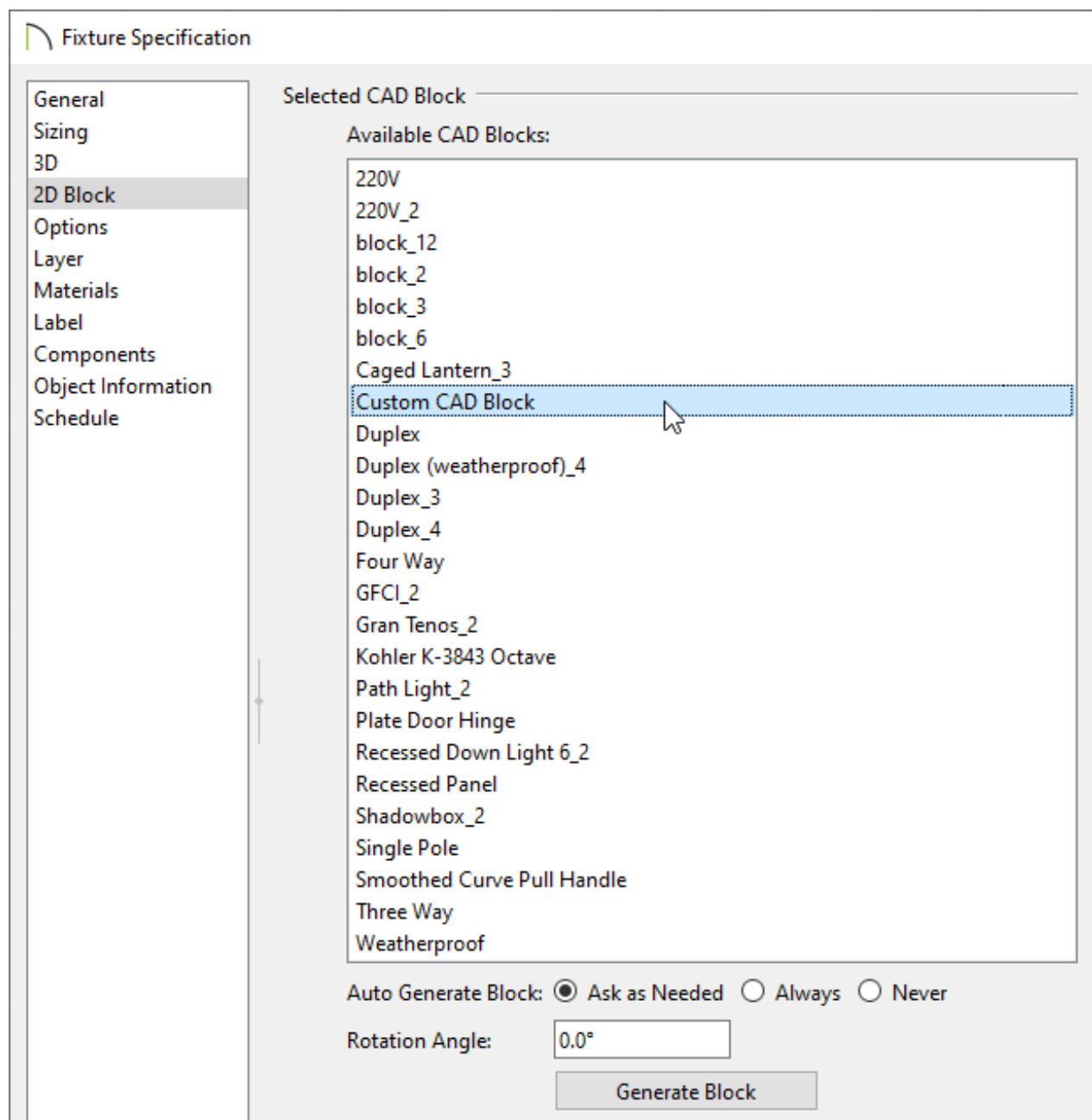
This is a good time to open the newly formed CAD block up to specification and provide an appropriate name. If a name is not specified for the block, it will simply be titled "block".


8. Locate the sink fixture within the **Library Browser**  once again, right-click on it, and choose **Open Object** .

In X14 and prior versions, select **Open Symbol**  from the contextual menu instead.


**Note:** On a Mac, hold down the Control key while clicking to initiate a right-click command. More information about right-click commands on Apple input devices can be found in the following Apple resource: [Right-click on Mac \(https://support.apple.com/guide/mac-help/right-click-mh35853/mac#\)](https://support.apple.com/guide/mac-help/right-click-mh35853/mac#).


9. On the **2D BLOCK** panel of the **Specification** dialog that opens, select the CAD block that was customized in the steps above, then click **OK**.




You can now insert the sink fixture from the **Library Browser**  into a cabinet, and the cabinet's countertop will conform around the sink.

#### Related Articles

 [Creating a Custom Cabinet and Adding it to the Library \(/support/article/KB-00446/creating-a-custom-cabinet-and-adding-it-to-the-library.html\)](/support/article/KB-00446/creating-a-custom-cabinet-and-adding-it-to-the-library.html)

 [Creating a Custom Enclosure for a Drop-in Bathtub \(https://www.homedesignersoftware.com/support/article/KB-02020/creating-a-custom-enclosure-for-a-drop-in-bathtub.html\)](https://www.homedesignersoftware.com/support/article/KB-02020/creating-a-custom-enclosure-for-a-drop-in-bathtub.html)

 [Placing an Apron Sink into a Cabinet \(/support/article/KB-00733/placing-an-apron-sink-into-a-cabinet.html\)](/support/article/KB-00733/placing-an-apron-sink-into-a-cabinet.html)



[\(https://chieftalk.chiefarchitect.com/\)](https://chieftalk.chiefarchitect.com/)

 [\(/blog/\)](/blog/)



[\(https://www.facebook.com/ChiefArchitect\)](https://www.facebook.com/ChiefArchitect)



[\(https://www.youtube.com/user/ChiefArchitectInc\)](https://www.youtube.com/user/ChiefArchitectInc)



[\(https://www.instagram.com/chiefarchitect/\)](https://www.instagram.com/chiefarchitect/)



[\(https://www.houzz.com/pro/chiefarchitect/\)](https://www.houzz.com/pro/chiefarchitect/)



[\(https://www.pinterest.com/chiefarchitect/\)](https://www.pinterest.com/chiefarchitect/)