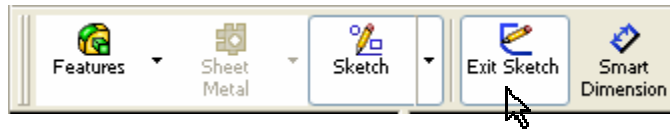


Select the **Exit Sketch** icon in the CommandManager or in the upper right corner of the graphics area.



## Complete the Base Flange

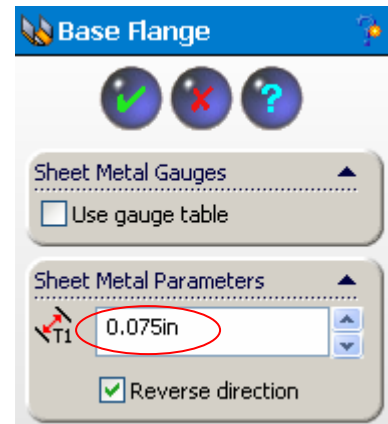


In the **Base Flange** PropertyManager under **Sheet Metal Parameters**, set the **Thickness** to '0.075in'.

Check the **Reverse direction** check box to make sure that the preview of the extrusion is in the Y-positive direction (The yellow rectangle will be above the green rectangle).

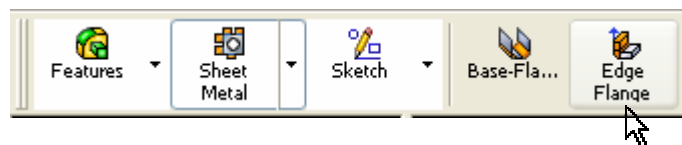


Select the green check mark button at the top of the **Base Flange** PropertyManager to accept the settings and create the feature.



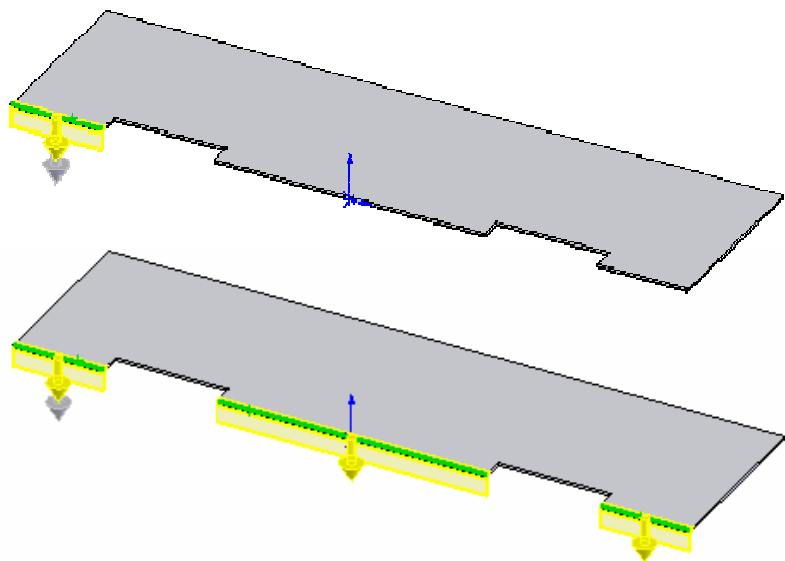
## Create the Front Flanges

Select the **Edge Flange** icon in the CommandManager, or pull down the "Insert" menu and select **Sheet Metal – Edge Flange**.



Select the left most front edge. A preview of the flange will be shown. Move the cursor down and click to set the direction of this flange.

Select the other two front edges as shown to create a total of three edge flanges in one feature.





In the **Edge-Flange** PropertyManager, set the **Flange Length** to a **Blind Length** of '0.50.'



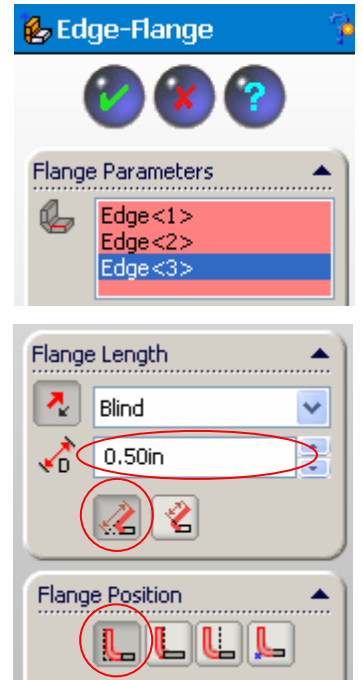
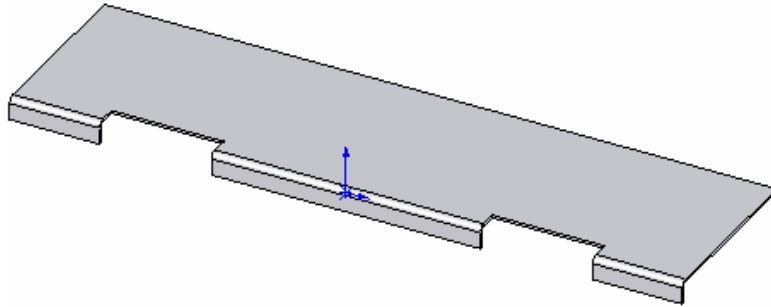
Make sure that the **Outer Virtual Sharp** button is depressed.



Set the **Flange Position** to **Material Inside**.



Select the green check mark button at the top of the **Edge-Flange** PropertyManager to create the front flanges.



## Add a Jog

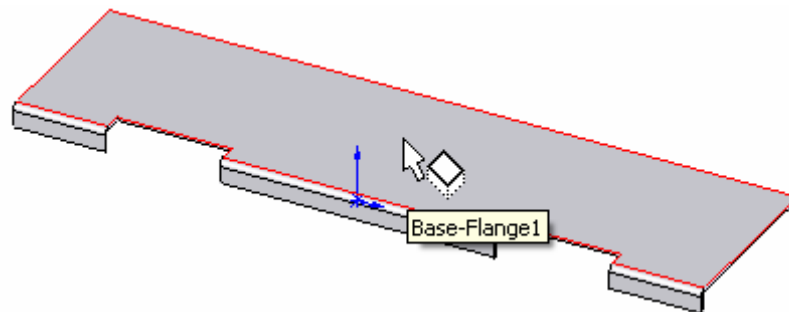
Select the **Jog** icon in the CommandManager, or pull down the “Insert” menu and select **Sheet Metal – Jog**.



### Jog

Adds two bends from a sketched line in a sheet metal part.

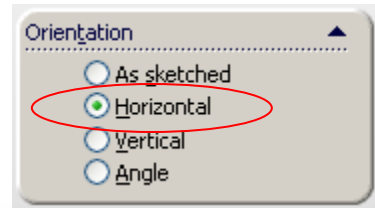
When prompted in the PropertyManager to select a planer face on which to sketch bend lines, pick the top of the part. When you select the planer face, a sketch opens on that plane.




Select the **Line** icon in the CommandManager, or pull down the “Tools” menu and select **Sketch Entities – Line**.

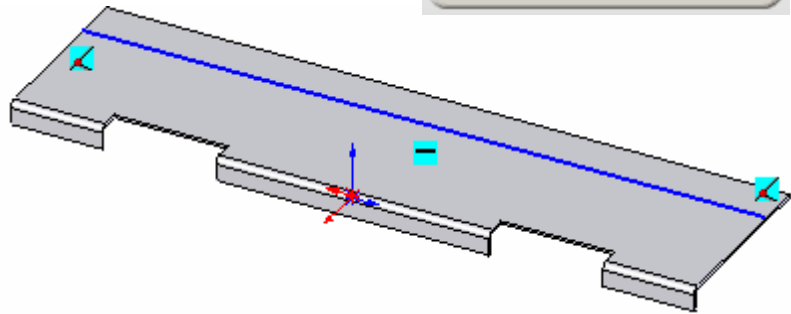


In the **Insert Line** PropertyManager, set the **Orientation** to **Horizontal** to add a horizontal relation to the line. The **Jog** feature does not require a horizontal or vertical line but it must contain only one line. The line doesn't need to be the full length of the flange, but it's best not to exceed the edges of the part.

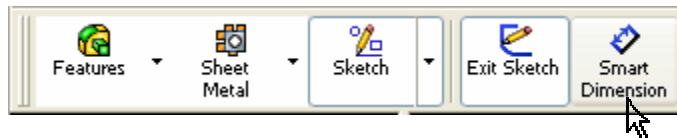


Create a horizontal line on the top of the part as shown.

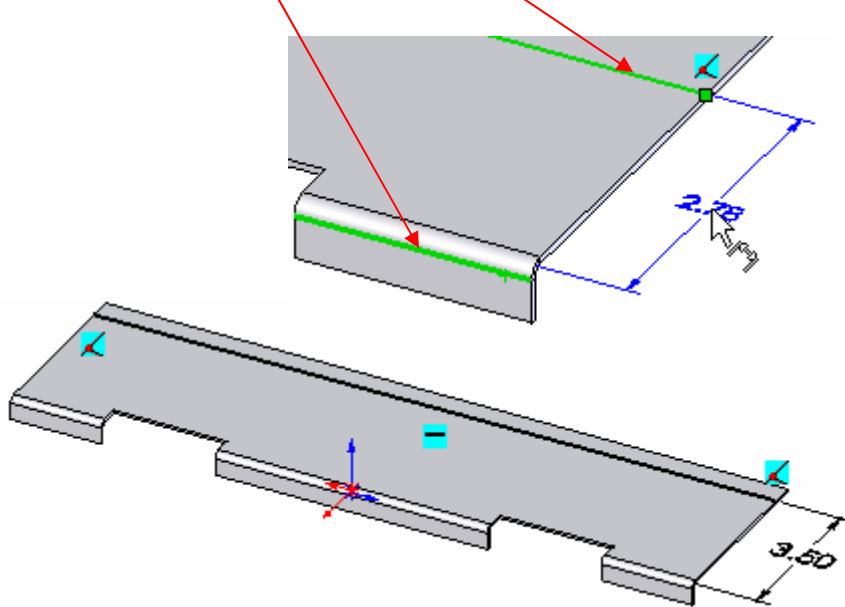
To show that the line is horizontal, the cursor changes to 



Select the **Smart Dimension** icon in the CommandManager, or pull down the “Tools” menu and select **Dimensions – Smart**.

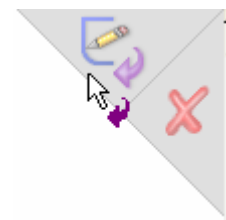
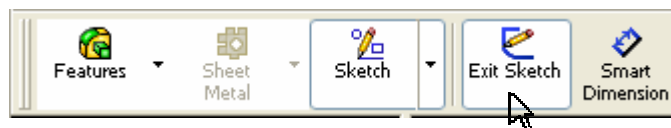


Select the front bend line and the created line to dimension from the front of the part to the line.

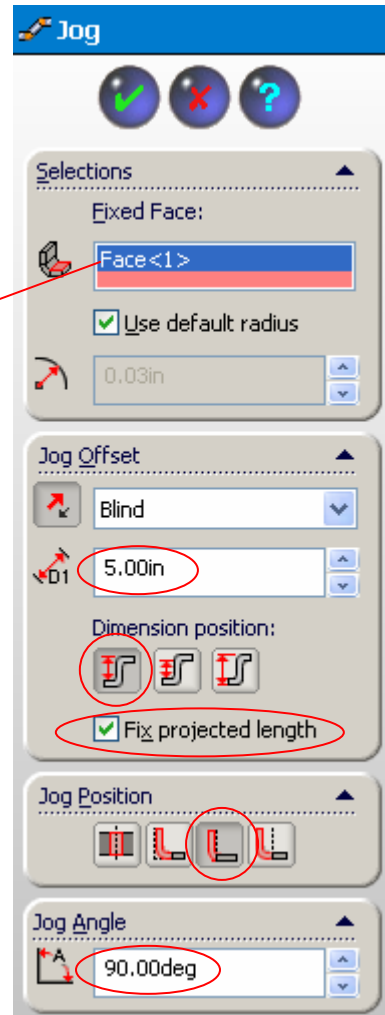
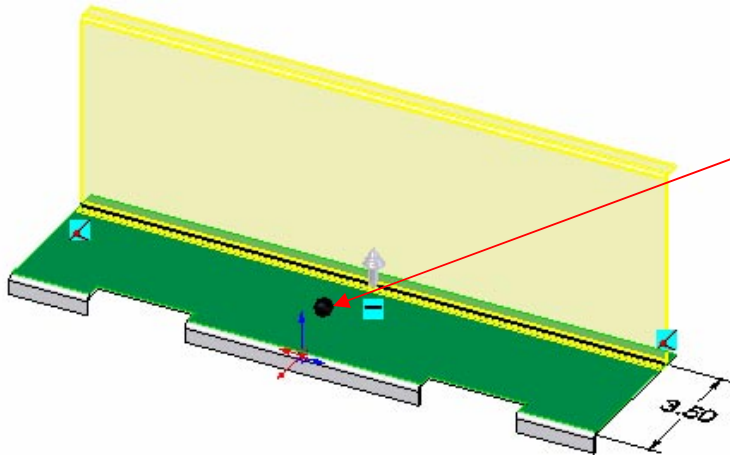


Place the dimension and change the value to '3.50'.

Select the **Exit Sketch** icon in the CommandManager or in the upper right corner of the graphics area.



Select the top face again for the fixed face. A large black dot will appear where you select on the part. Make sure the selection point is below the horizontal line.



Set the **Jog Offset** to a **Blind** distance of **5.00in**.



Make sure the **Outside Offset Dimension position** button is depressed and that the **Fix projected length** check box is checked.



Also, make sure that the **Material Outside Jog Position** button is depressed and that the **Jog Angle** is set to **90.00deg**.



Select the green check mark button at the top of the **Jog** PropertyManager to accept the settings and create the feature.

