Select Edge

Zoom in 🔍 on the **Front** drawing view.

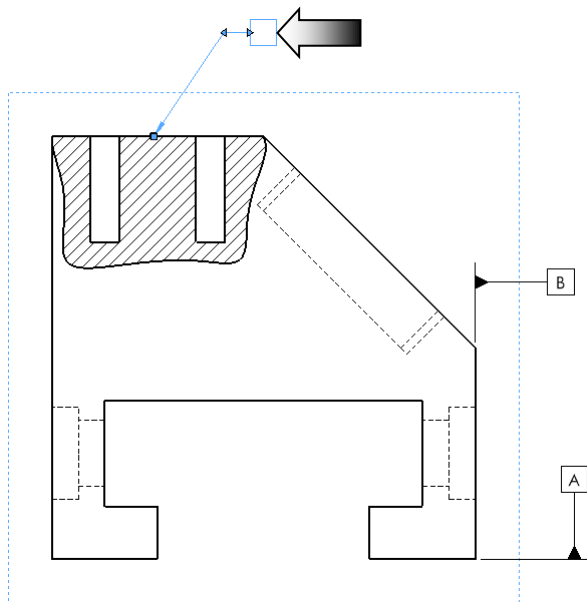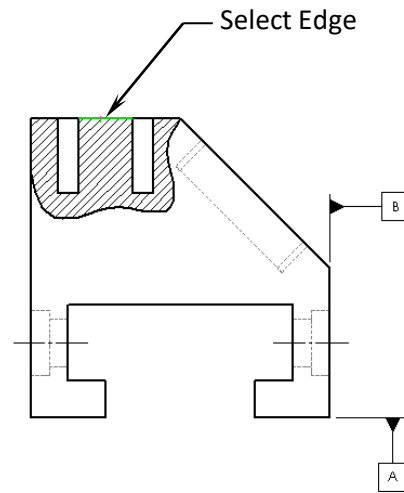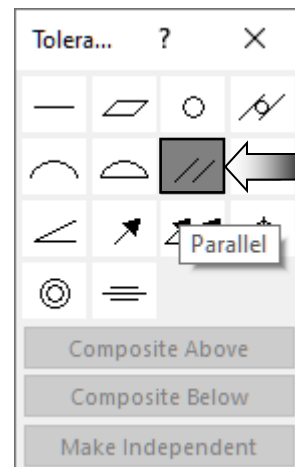Select the **upper edge** as shown.

Click 📟 or select **Insert / Annotations / Geometric Tolerance**.

A small <u>square</u> (arrow) and a leader line appear,
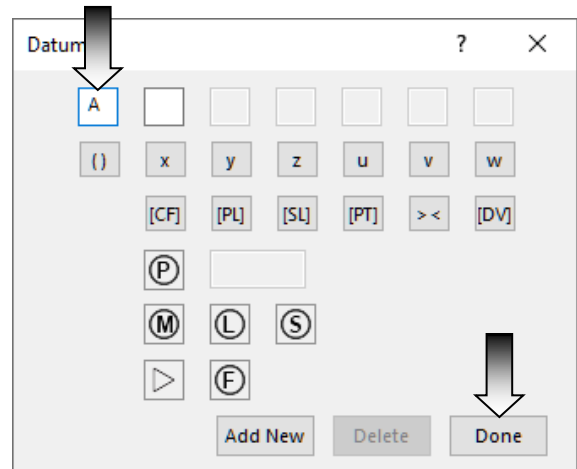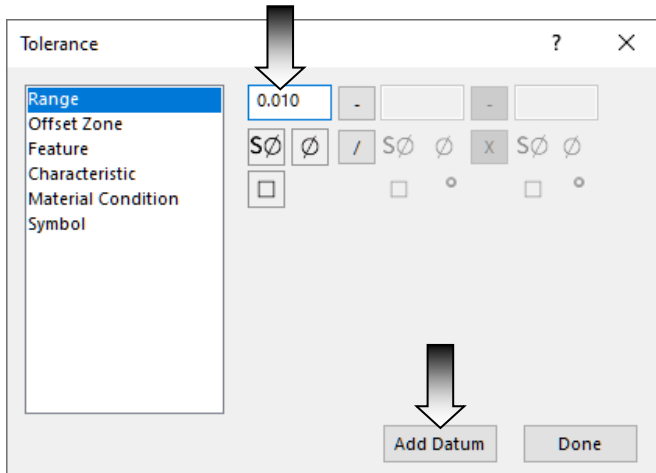click the small quare to access the Tolerance Symbol dialog box.

Select **Parallel** ⫽ from the list.

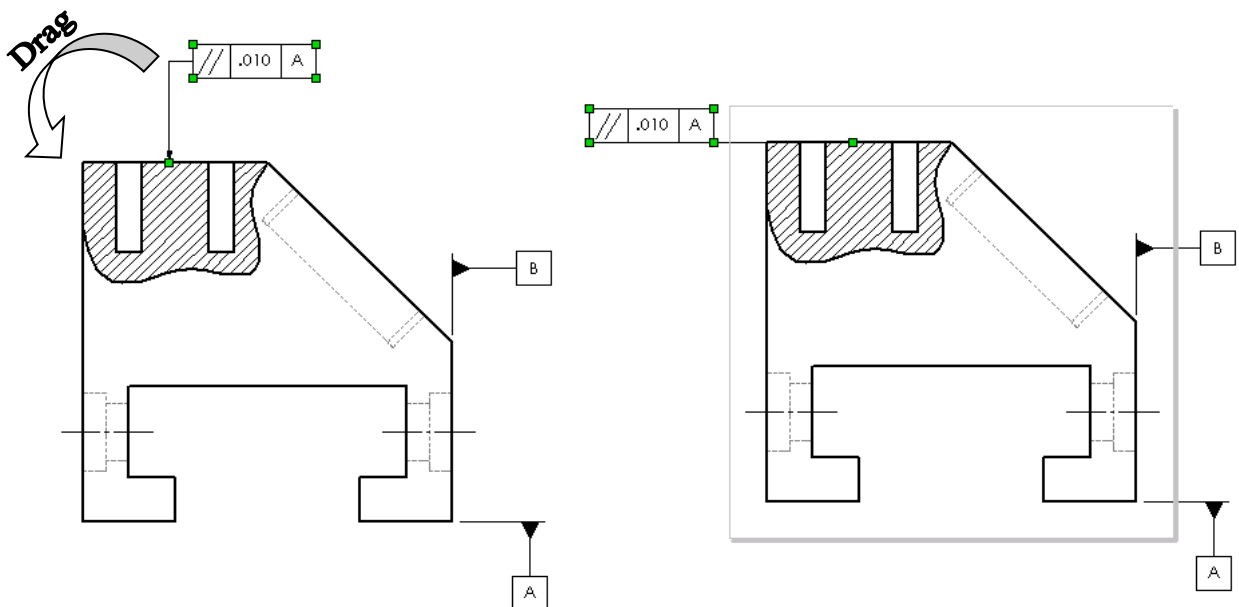Enter **.010** in the Tolerance box.

Click Add Datum and enter **A** under Primary reference datum (arrow).

Click **Done** and **OK**.


12. Align the Geometric Tolerance:

Drag the Control Frame to the left side until it snaps to the horizontal alignment with the upper edge, then release the mouse button.

13. Attaching the Geometric Tolerance to the Driving dimension:

Select the Counterbore dimension. By pre-selecting a dimension, the geometric-tolerance will automatically be attached to this dimension.

Click ▣ or select **Insert / Annotation / Geometric Tolerance**.
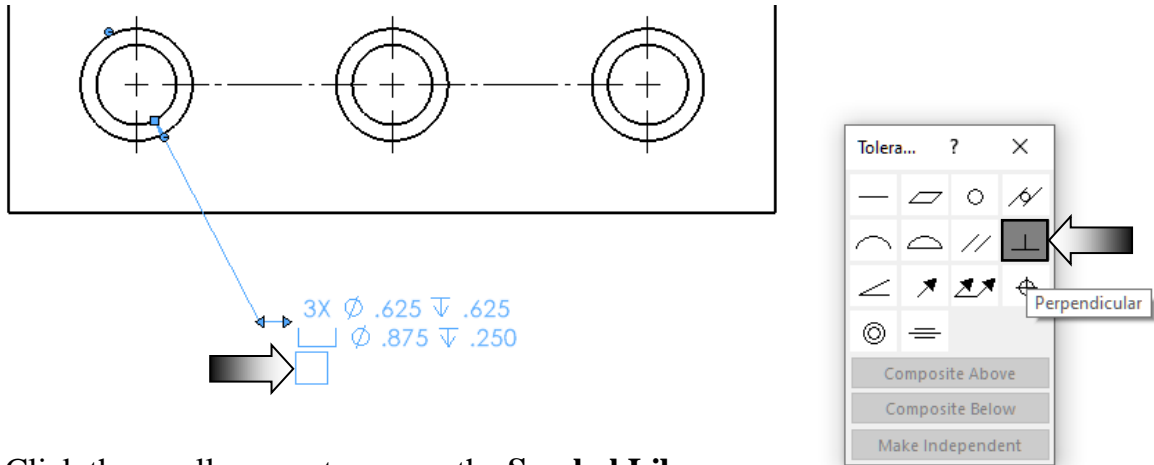
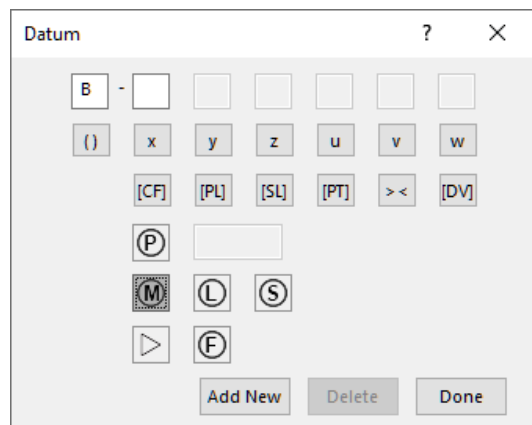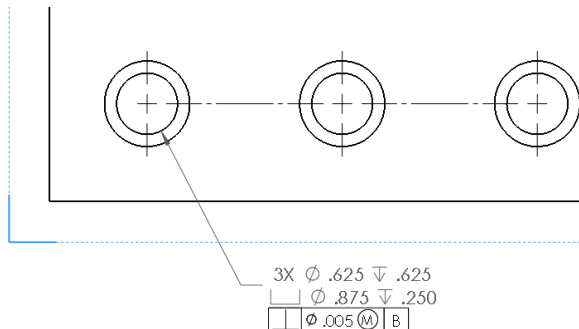Click the small square to access the **Symbol Library**.

Select **Perpendicularity** ⊥ from the Symbol library section.

Click in the Tolerance 1 box, select the **Diameter** symbol and enter **.005**.

Click **Add Datum** and enter **B** in the reference datum box.

Select the Ⓜ (Maximum Material Condition) to place it next to the Datum B.

Click **Done** and **OK** .

The Geometric Tolerance Control Frame is attached to the counterbore dimension.