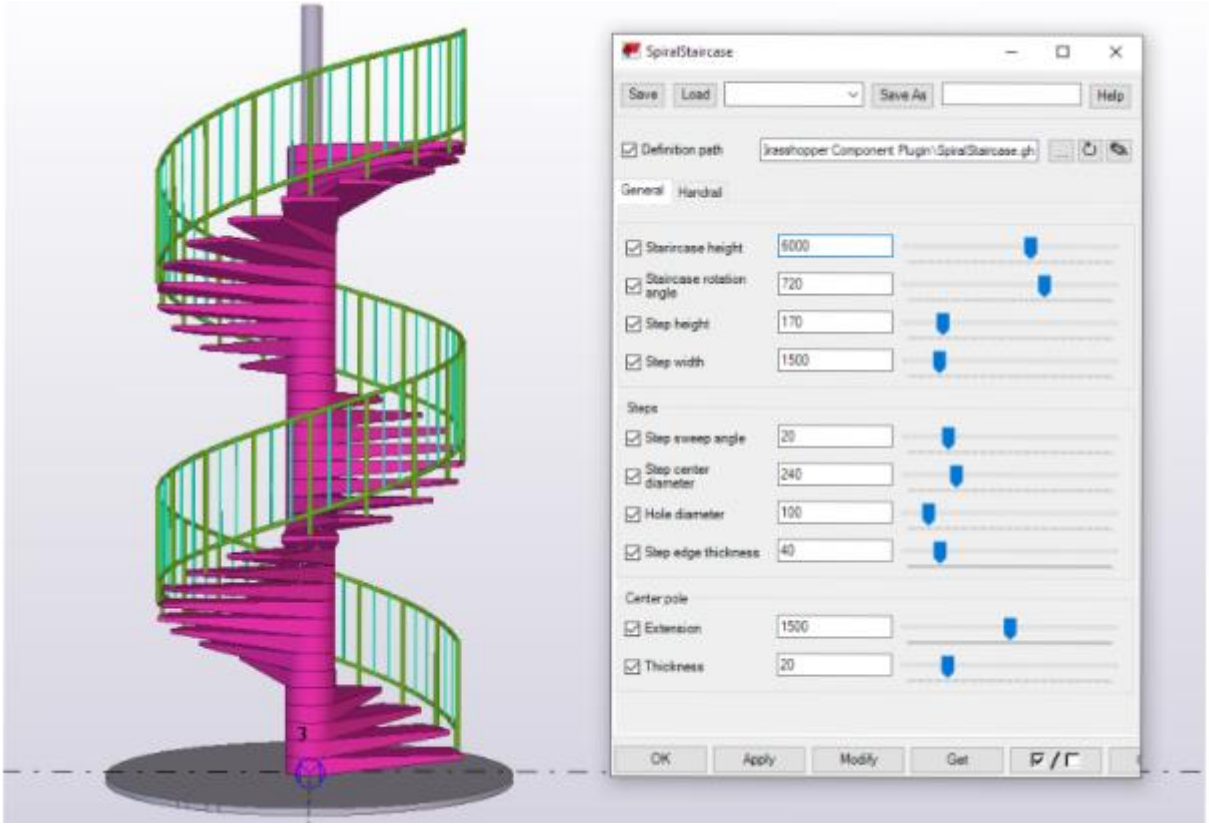
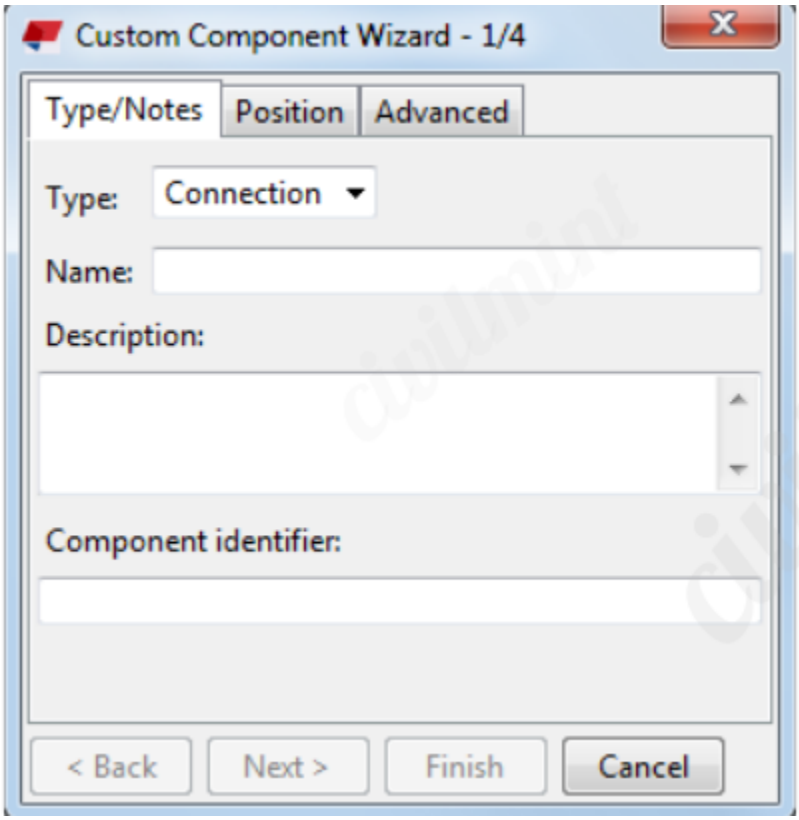
Step By Step Procedure To Make Custom Components In Tekla Structure

1. Create a sample component



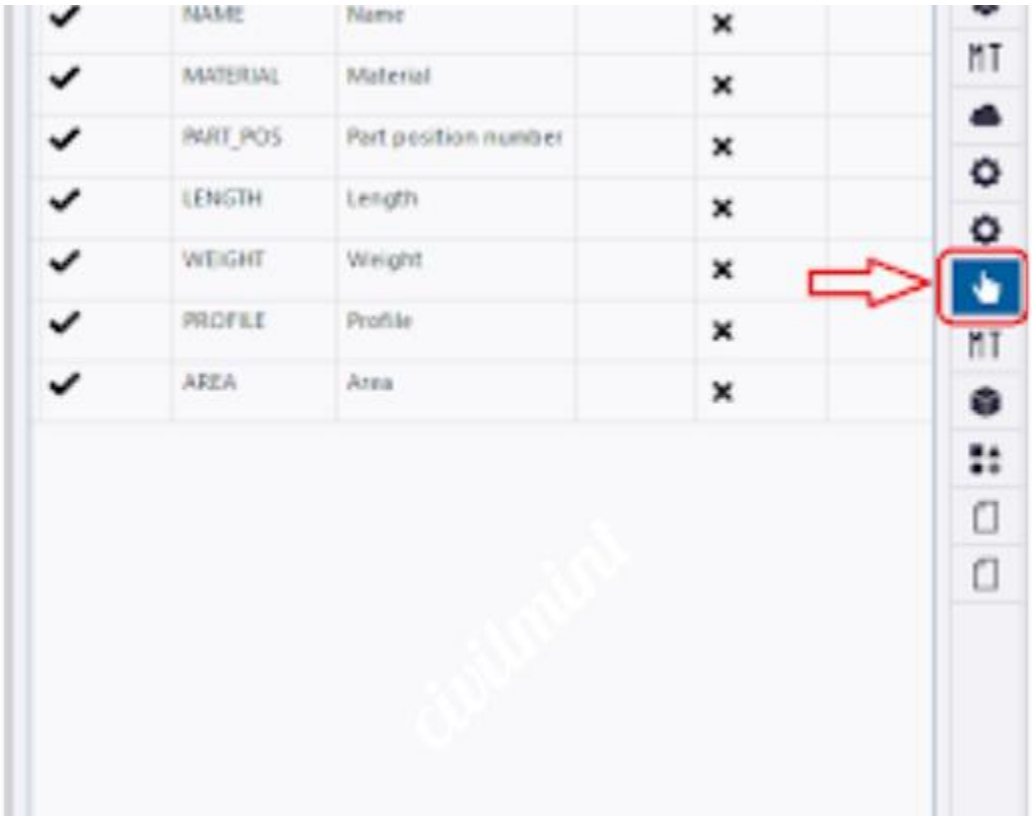
First, create a sample component in Tekla structure. This sample component contains all the necessary data such as parts, cuts, fittings, and bolts. You can create this by exploding and modifying a similar existing component.

2. Open the Custom Component Wizard



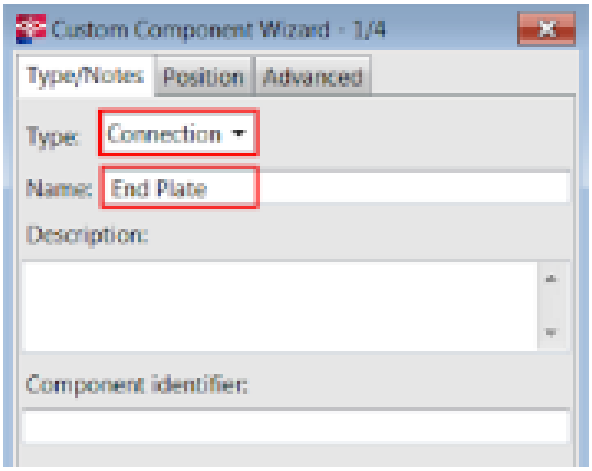
Now, go to **Applications & components** menu in the side pane to open the Applications & components catalog. Then, click the **Access advanced features** button and select **Define custom component**.

3. Select the component type



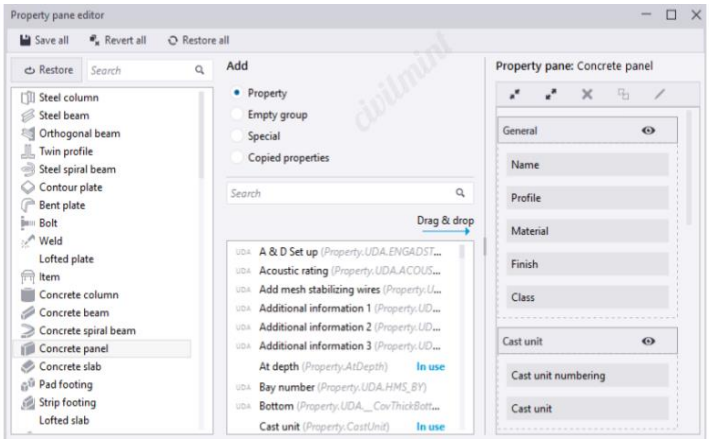
Here you will find the list to select the type of the custom component you want to create. The available types are connection, detail, seam, and part.

4. Enter a unique name for the component.



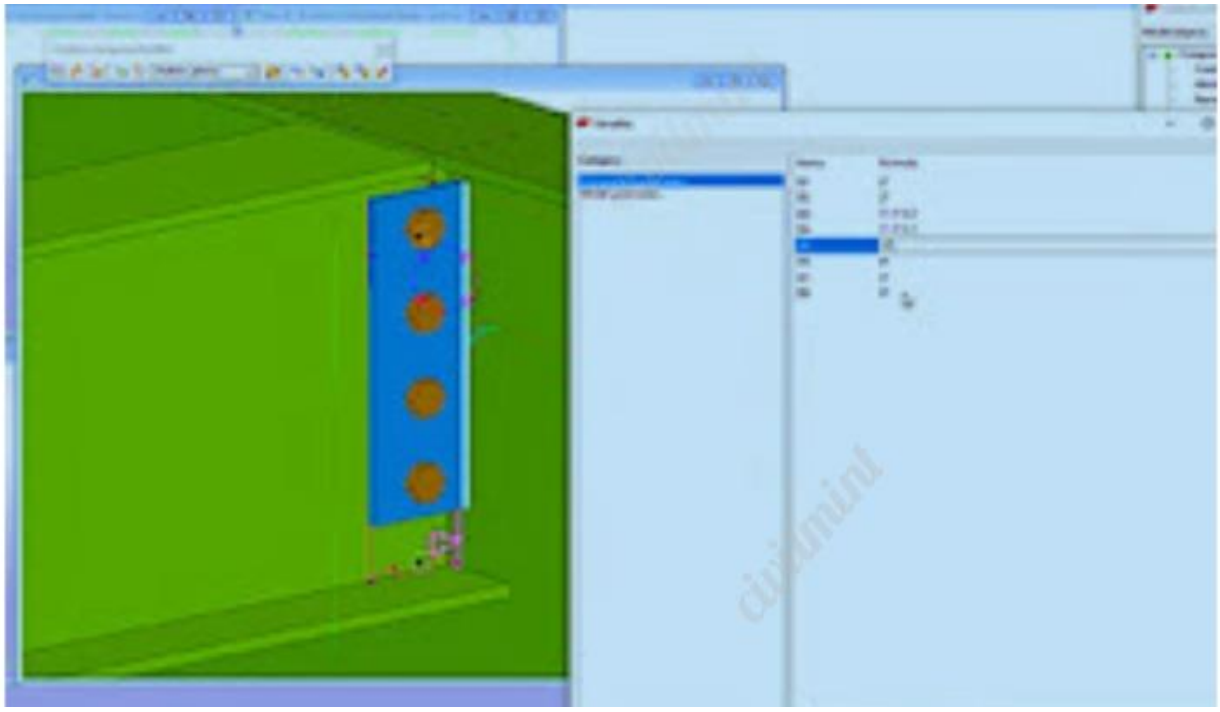
In the **Name** box, enter a unique name for the custom component. Do not write awkward name. Just write name of the component.

5. Modify the other properties.



On the **Type/Notes** tab, you can modify the type, notes, and other properties of the custom component. On the **Position** tab, you can specify the position of the custom component in the model. On the **Advanced** tab, you can specify the advanced properties of the custom component

6. Click Next to continue



7. Review the summary of the custom component

The Custom Component Wizard will show you a summary of the custom component you have created. Review the summary and make sure that all the information is correct.

8. Click Finish to create the custom component.

Once you have created a custom component, you can add it to your model by dragging and dropping it from the Applications & components catalog. You can also edit the custom component by right-clicking it in the model and selecting **Edit Custom Component**.