

Frame Component Creation

This Tech Tip looks at the method to create the frame components from ST10 onwards.

If you use the Frame design tool, you will know that only a small number of frame sections are supplied with Solid Edge and so generally you need to create your own.

In versions prior to ST10, a macro was supplied to define the default positioning point for the cross-section and an edge to define the orientation. With ST10 this utility has been built in to the standard interface. As before, your frame section needs to be created in the ordered environment and you will find the new command (Frame Origin) on the Home tab in the Draw section of the ribbon bar:



Once you have created your sketch profile and point (if you are not positioning the default point on an existing element), click on the Frame Origin command.



The Frame Origin command works in exactly the same fashion as the old macro. You need to start by selecting the point that will be the default origin. This will either be a point feature placed on the sketch or a keypoint on a line or other feature.

The second step is to click on a line that will define the default orientation of the section when used in the frame tool.

When you have selected both of these, right mouse click to accept the inputs.

If the command has been run before, the point and line used will be highlighted. If you wish to change these, click on the item in the command bar that you want to change (point or line) and re-select the new item.