



Learn to use (6) 3skeng Edit and Rotate / Connect (ver.1.0)

This document contains all scene texts of the SketchUp file in case you have problems to fit the text on your screen.

Scene "1-Edit Pipe/Channel"

The following edit handling is used for the Pipe and Channel tool.

1) Click on the "Edit and Rotate tool" in the 3skeng toolbar.

2) Slowly hover over the white pipeline.

Whenever you are close to an open pipeline end

or a connection of segments, you can see highlighted pins.

All possible options at the specific position are highlighted.

Info: There may be different options for each side of the pin.

3) Click to confirm the pin you want to use for starting edit.

4) Hover over the available options.

The affected elements for each options are highlighted.

Click to confirm your choice.

5) Use the ruler or degree selection as required.

Info: Use SketchUp or 3skeng elements for reference.

* Please edit the white pipeline to match the grey pipeline.

Scene "2-Connect Pipe/Channel"

The following connect handling is used for the Pipe and Channel tool.

- 1) Click on the "Connect tool" in the 3skeng toolbar.
- 2) Click an element to start the selection you want to move/copy.

Press "Shift" and click on other elements (when highlighted) to add them to your current selection.

Release "Shift" when your selection is complete.

Alternative Method to 1) and 2):

Select elements before and click on the "Connect tool" after.

* Select all gray elements with either method.

- 3) Click on the pin you want to use as starting point
(this point of the selection will be hanging on your mousetip).
- * Click on the open end of the selection as starting point.

- 4) Press "Ctrl" to toggle between multi-copying and moving your selection.

* Press "Ctrl" for multi-copying the selection.

- 5) Click on both of the open ends of the tee to copy and attach the selection.

Press "Esc" to exit the multi-copy function of the "Connect tool".

Press "Space" to exit the "Connect tool".

Scene "3-Edit Mount Assembly"

The following edit handling is used for the Mount tool.

- 1) Click on the "Edit and Rotate tool" in the 3skeng toolbar.
- 2) Slowly hover over the white assembly.

Whenever you hover over a Mount element,
you can see all possible edit options for the element.

- 3) Click to select the element you want to use for edit.
- 4) Hover over the available options.

The affected elements for each option are highlighted.
Click to confirm your choice.

- 5) Use the ruler or degree selection to edit as required.

Info: Use SketchUp or 3skeng elements for reference.

* Edit the white assembly to match the grey assembly.

Scene "4-Edit Mount Channel"

The following edit handling is used for the Mount tool.

- 1) Click on the "Edit and Rotate tool" in the 3skeng toolbar.
- 2) Hover over the **grey channel** and click to select for edit.
- 3) Hover over channel end (highlighted surface & red axis) and click.
- 4) Move along the ruler to select the length
or enter the value with the keyboard
or use other SketchUp or 3skeng element for reference:
 - * select orange channel end for length reference
(surface highlighted).
- 5) If not still active, click on the "Edit and Rotate tool" in the toolbar.
- 6) Hover over the **orange channel** and click to select for edit.
In addition to the axis options, you can see two options:
"Rotation" of the channel and "Change Standard".
- 7) Click on "Rotation".
Use the degree selection to rotate channel in the correct position.
 - * rotate "90°" (facing down).
- 8) If not still active, click on the "Edit and Rotate tool" in the toolbar.
- 9) Hover over the **green channel** and click to select for edit.
- 10) Click on "change standard".
Hover over the available channel types:
the first row are different sizes of single channels,
the second row are different sizes of double channels.
 - * select "C41 Double Channel (41x83x2,5mm)".

Scene "5-Edit Steelwork Assembly"

The following edit handling is used for the Steelwork tool.

- 1) Click on the "Edit and Rotate tool" in the 3skeng toolbar.
- 2) Slowly hover over the assembly.

Whenever you hover over a Steelwork element, you can see all possible edit options for the element.

- 3) * Click to select the grey element for edit.
- 4) Hover over the available options.

The affected elements for each option are highlighted. Click to confirm your choice.

- 5) Use the ruler or degree selection to edit as required.
 - * Option 1: Extend the assembly for 500mm.
 - * Option 2: Extend the grey profile to match the green.