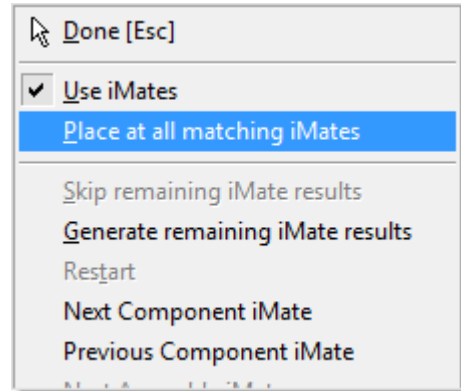


1-C Configurable Design – Exercise 2

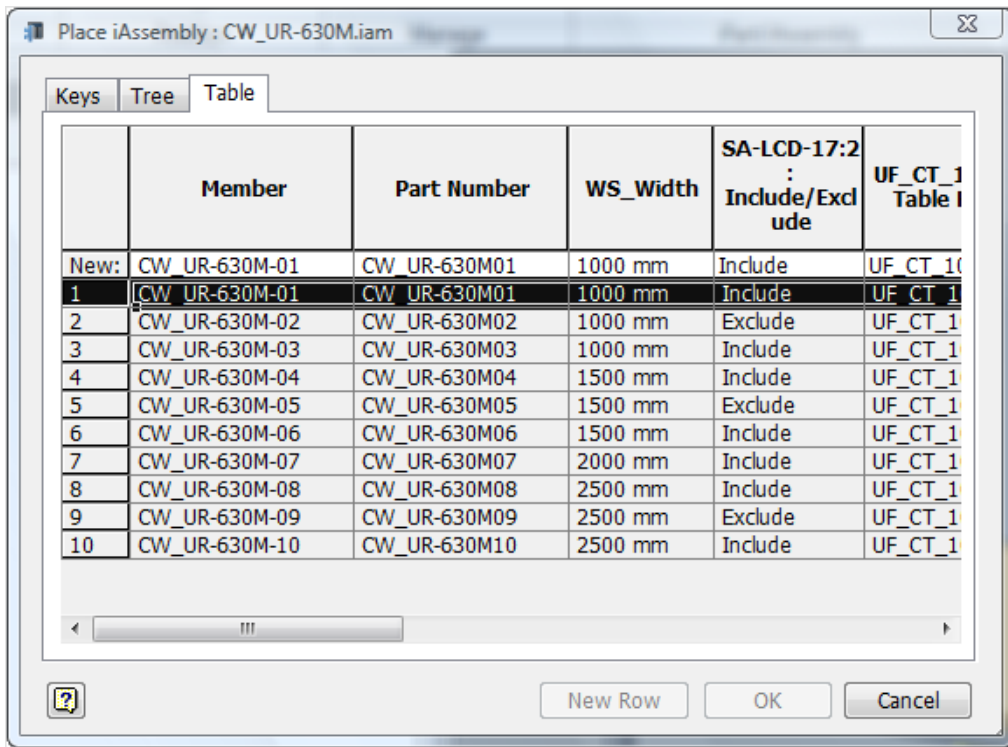
In this exercise we will open an existing work bench and bring an iAssembly member. Will use iMates to constraint it in place and switch from one member to the next.

On the Get Started Tab>Launch Panel>select Projects at the bottom of dialog, select Browse to locate the AMA Configurable Design.ipg found in the Data Set file you have unzipped.



1. Open **WS_20-Series.iam**.
2. On the Assembly Tab, Component Panel> select Place component and select **CW_UR_630M.iam**.

A dialog box will appear. Review the different options by Keys, Tree or Table. They are all the same information just viewed in different arrangement.



- Use one method to select one of the 1000mm length configurations.

Note: On the top of the table option you can fill in the top row and create a New configuration on the fly. This will save the new member back to the original iAssembly factory.

- Right click on the screen and select Place at all matching iMates.
- Save Changes if asked.

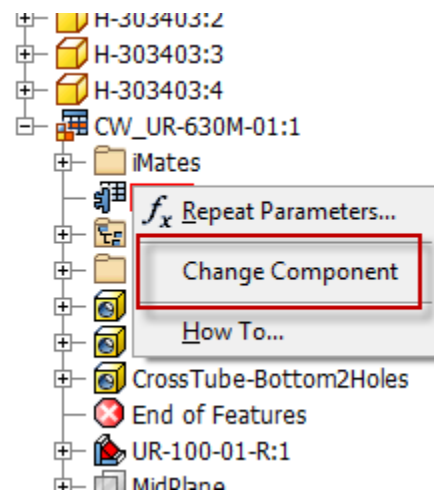
The iMates will cause the rack to mount automatically to the work bench.

Change the Work Bench and Rack Size

- Activate the CW_BF_400:1.iam weldment. Go to the Assembly Tab>Manage Panel>select Parameters and change WS_Width to the desired size. (acceptable sizes are 1000, 1500 and 2500, to match the configurations)
- Return to the top level Assembly.
- Locate and expand the iAssembly member at the bottom of the in the browser.
- Select the Table, right click and select Change Component.

The dialog will reappear.

- Select the appropriate size for your new bench length.



The next exercise will start with a fresh file so feel free to experiment with the options.

Try creating a new member on the fly by going to the table tab and entering values on the top row. Select New Row on the bottom of the dialog to generate the new member.