

ASSIGNMENT - Macro Defaults, Presets & AUTO PRESETS

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NOTE: You can save presets with different names by using the rightmost tab in the macros

- Set the Defaults of any macro and use "Macro Defaults" under the "Tools" menu to find where the file is saved. Copy this file to the relevant cloned Environment.
- Choose three different beam sizes and create three different presets for the Beam to Beam FinPlate macro. Although it is not compulsory but it is better to name the presets according to the name of the secondary beam. For instance if the secondary is IPE200 you can name the preset for it as IPE200 as well. Presets are saved in COMOSYS with an extension of mpr.
- Go to "Macro Defaults" under the "Tools" menu and click on it.
- Find your macro in the list. Try typing its name in the search box.
- Once you find the macro, select it.
- Click on the "Open Preset Folder" button at the bottom
- Choose "Local" to open the folder where the three mpr files you just created are residing. Select them and press Ctrl-C to copy them to memory
- Click on the "Open Preset Folder" button again but this click on "COMPANY" to go to the corresponding folder in your cloned company directory. Now paste the three files here by pressing Ctrl V.
- Make sure you have done it correctly but creating a new model with the same cloned environment and see if you get the same three presets in the new model.
- IF everything has worked well REPEAT the above process for as many macros as you want and create as many presets for each macro as you want.

NOW LINK THESE PRESETS to PROFILE NAMES so that they chosen automatically.

- Click on the "Preferences" folder icon on the top left of the screen and select "COMPANY"
- Find the "Macro Presets override" file for the macro for which you have created the presets. For instance the file name for the "Fin Plate" macro is "Fin Plate Connection Macro Presets Override.txt".
- Open this file and add a line for each preset you have added. The format is very simple. Just write the profile name followed by a "tab" and then write the full name of the preset with the mpr extension. For instance your line could look like
IPE200IPE200.mpr
- Save the file. Now all new models will automatically choose the correct Preset based on profile name of the secondary. Even the model you are working with will use this environment file unless you put a copy of the override file in the model directory as well.
- IF the system is working REPEAT this process for most commonly used macros. These could include all beam to beam macros, beam to column macros, splices, Baseplates, Girts, Purlins, etc. This will save the company tremendous amounts of man-hours later.

Watch the Tutorial here: <https://youtu.be/WkSuqK6erTM>