

ASSIGNMENT - Presets for Native objects

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NOTE: Native objects include the following

1. Grid, Steel Column, beam, VB, HB, Girt, Purlin, Truss, Plate, Bolt, Weld etc.
2. Concrete Beam and Column objects

-Set a few presets for the "Column" object. You can set presets by using the preset options at the top of the dialog box.

-These options are "Load" "Save" "Save as" "Delete" and "Open"

-Here you can give the preset a name and save it. You could try saving three different presets.

-HEA300 column with a height of 3000 mm (Col_HEA300_3000 mm)

-HEA500 column with a height of 5000 mm (Col_HEA500_5000 mm)

-Builtup Cross profile using IPE500 and 1/2IPE500 (Col_CROSS_IPE500)

-In order to create these presets it is best to create an actual column. Then change its settings to the desired settings and save them as a preset from the top buttons.

-All these presets will be saved in the LOCAL model directories

-To find the preset files click on the "OPEN" button on the top right hand corner of the COLUMN dialog box.

-Select the three files. Their extensions are mpr.

-Copy these files to the corresponding directory in the cloned company Environment folder. //Preferences/Objects/Profile Settings

-Make sure you have done it correctly but creating a new model with the same cloned environment and see if you get the same defaults in the new model.

-IF everything has worked well REPEAT the above process for the remaining native objects from the above list.

Notes:

-The Bolt presets do not save the diameter since it will depend on the bolt standard in the assembly however bolt positions can be saved as part of the presets alongwith Assembly, washer and nut requirements, tolerance, material, site/workshop etc.

- Watch the Tutorial here: <https://youtu.be/W65PWatVmJI>