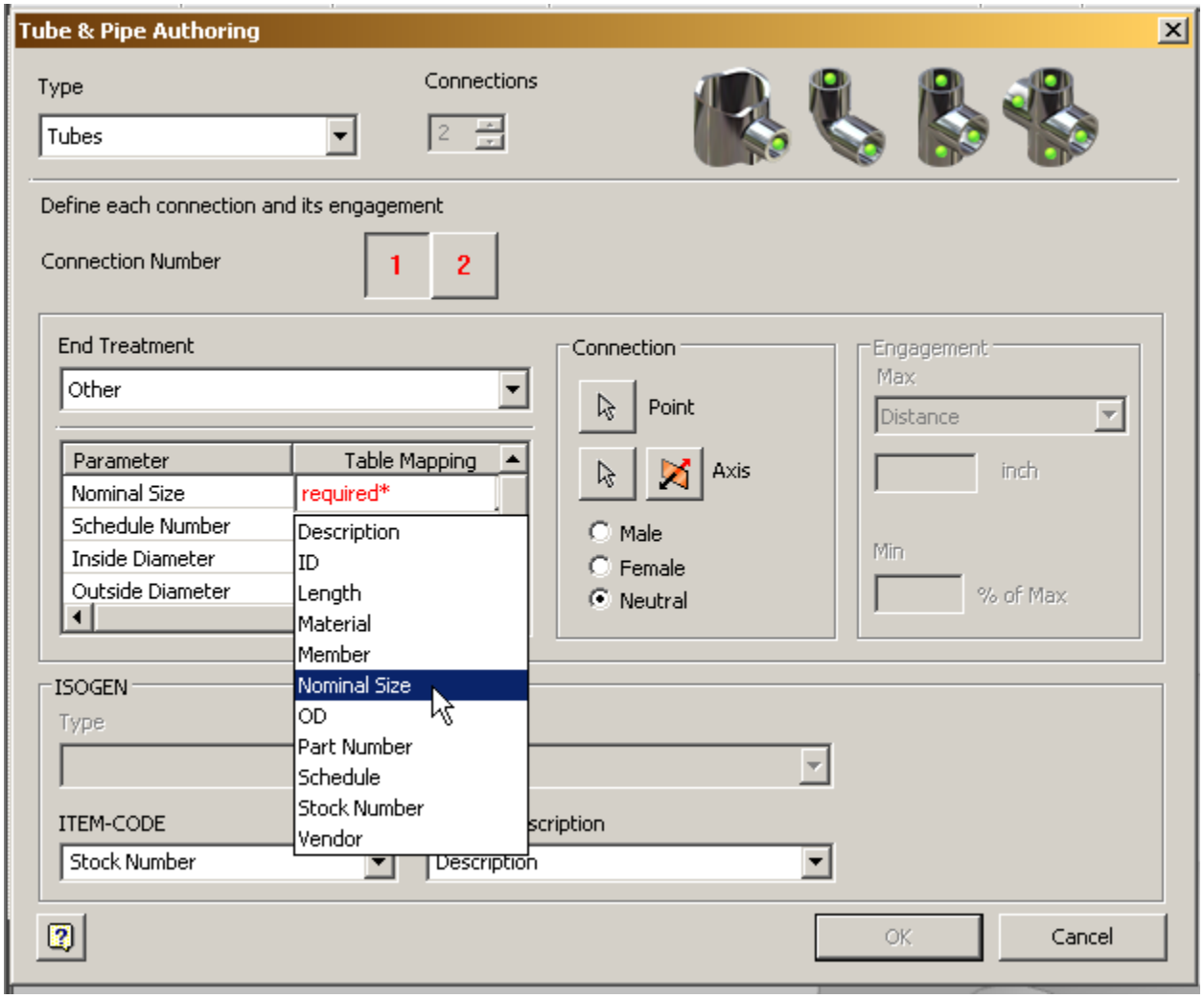
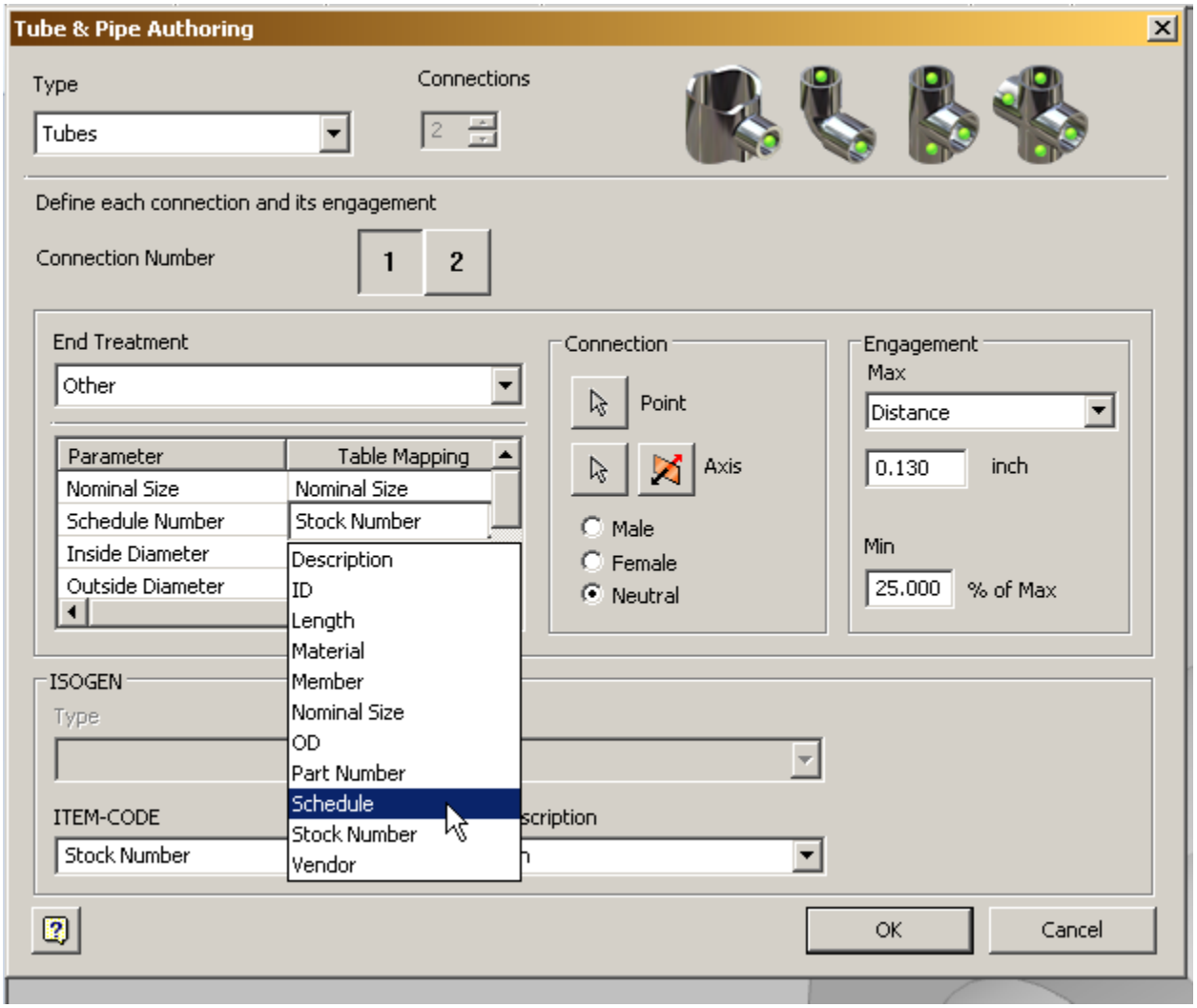
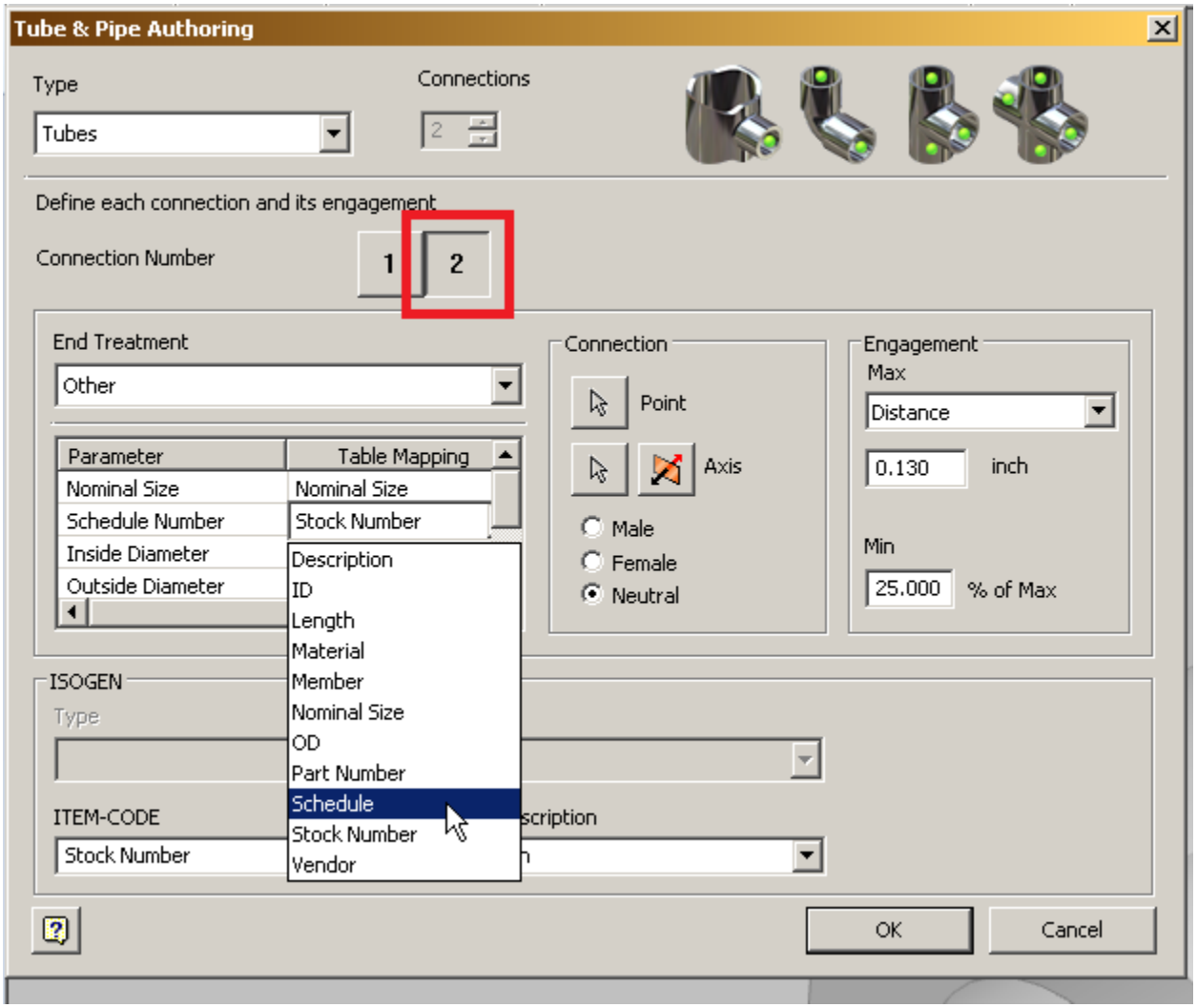
Step 1: Re-author the part. The part you posted didn't have the Nominal Size parameter mapped, so do that first.



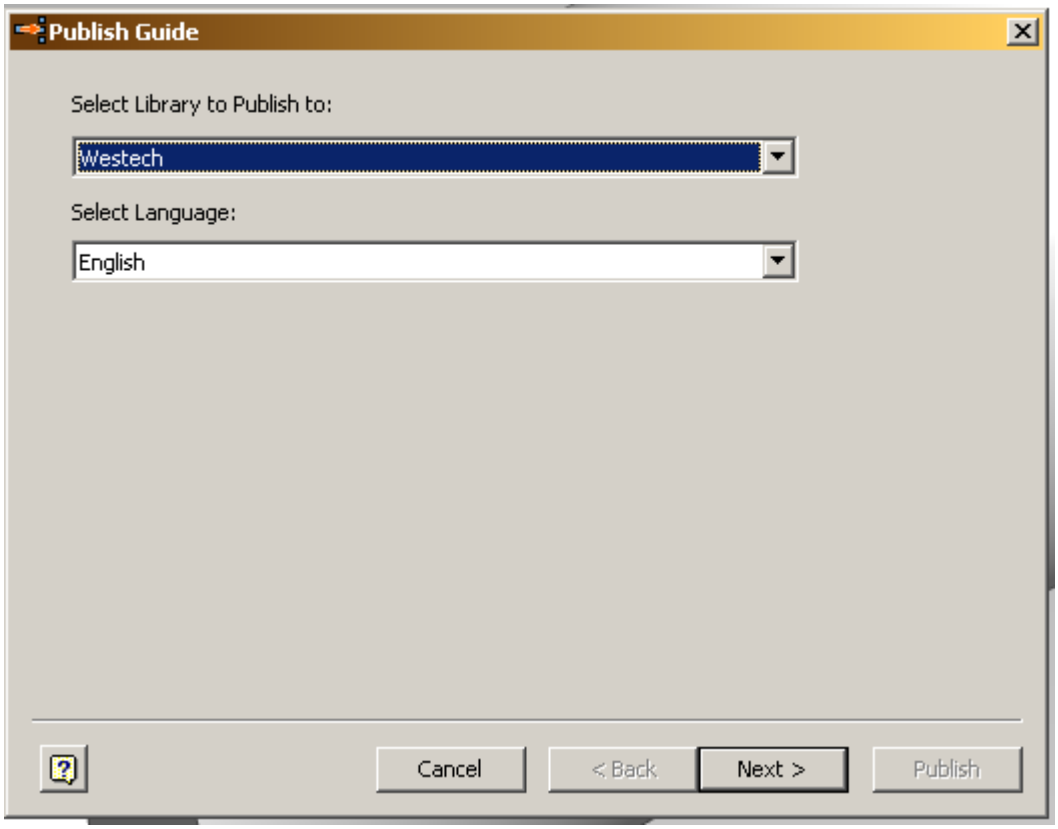
Step 2: Change the Schedule Number mapping from Stock Number to Schedule.



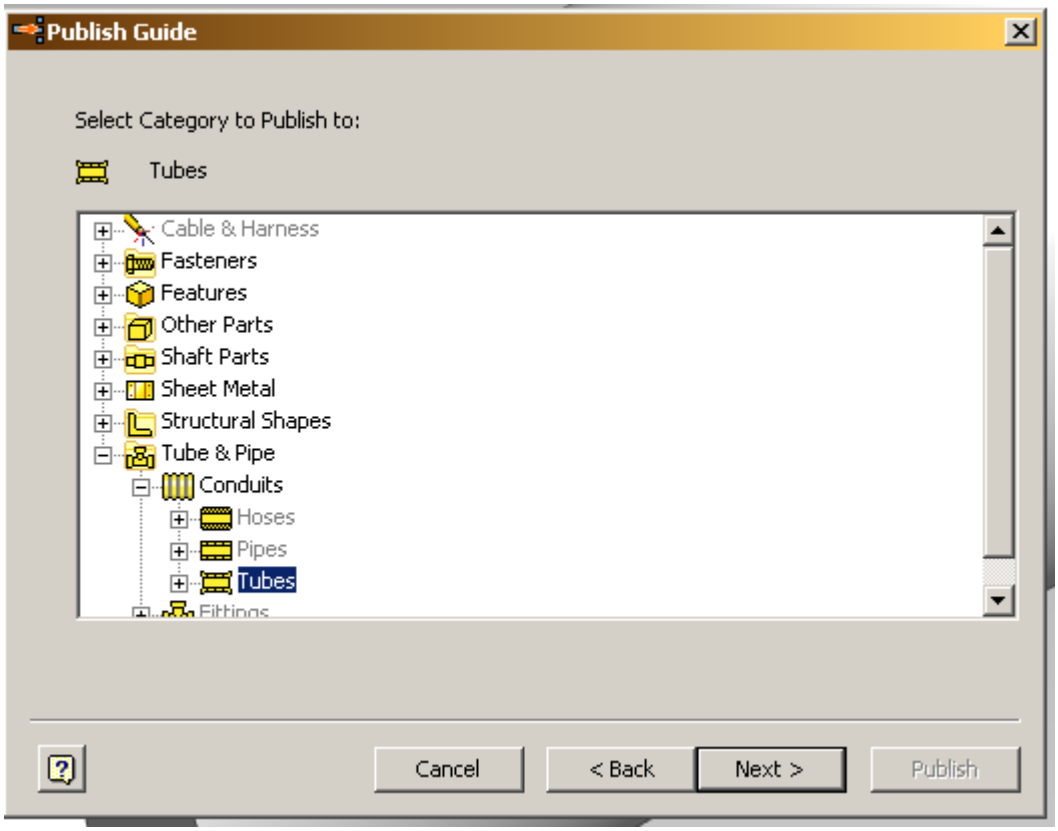
Step 3: Make sure you repeat step 2 for the second connection.



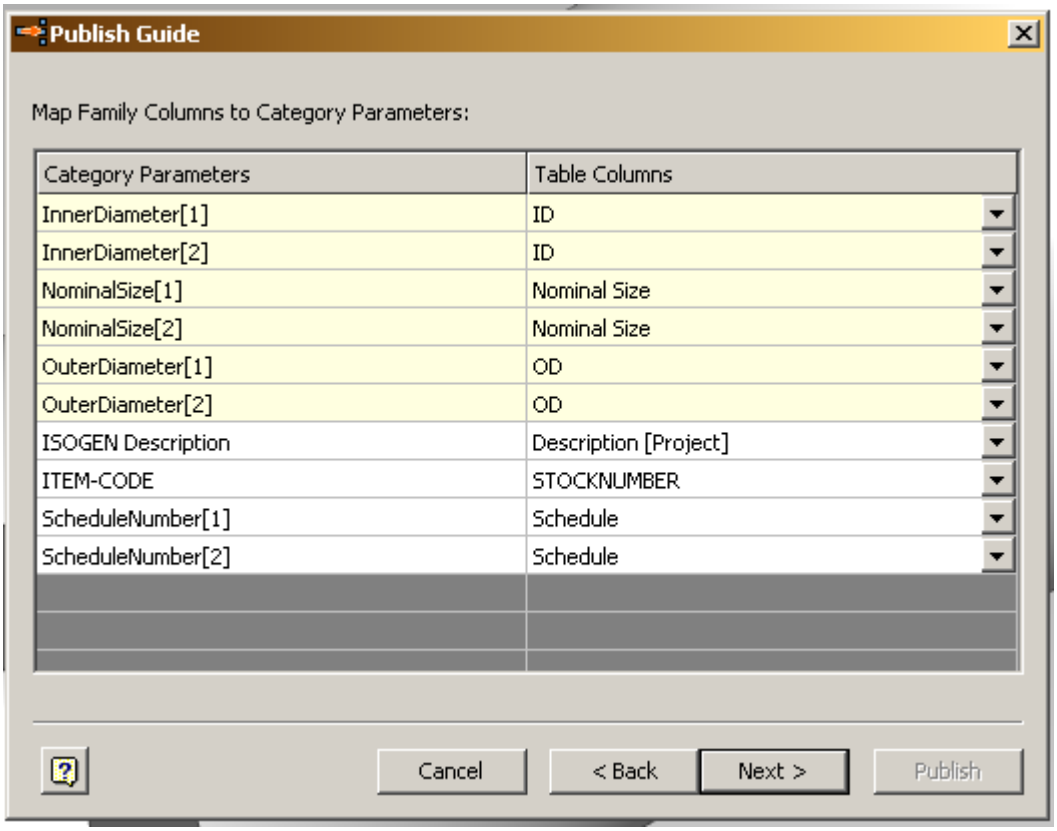
Step 4: Click OK to author the part. Then use the Publish Part command. This is the first box in the Publish Guide. Select your custom library. Click Next.



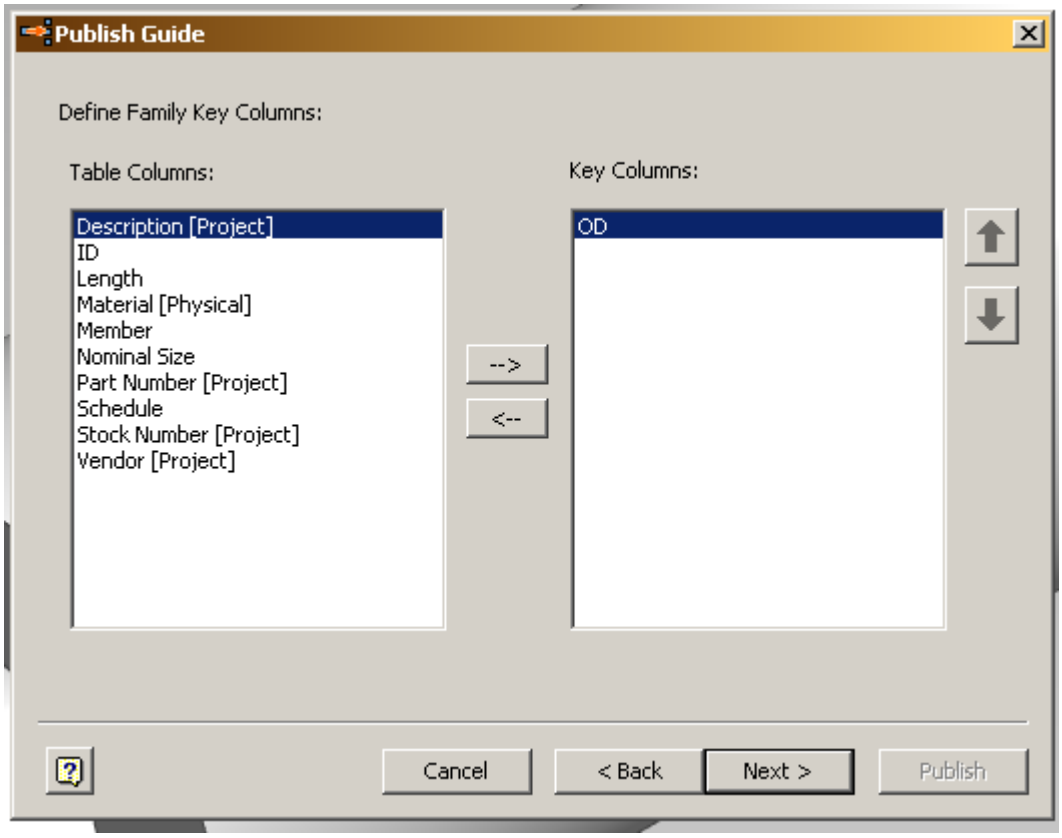
Step 5: Select the category to which you wish to publish. It will automatically default to the Tubes category because that is the type you selected when you authored the part. Publish it there or in any folder underneath the Tubes category. It must reside somewhere within this Tubes category. Click Next.



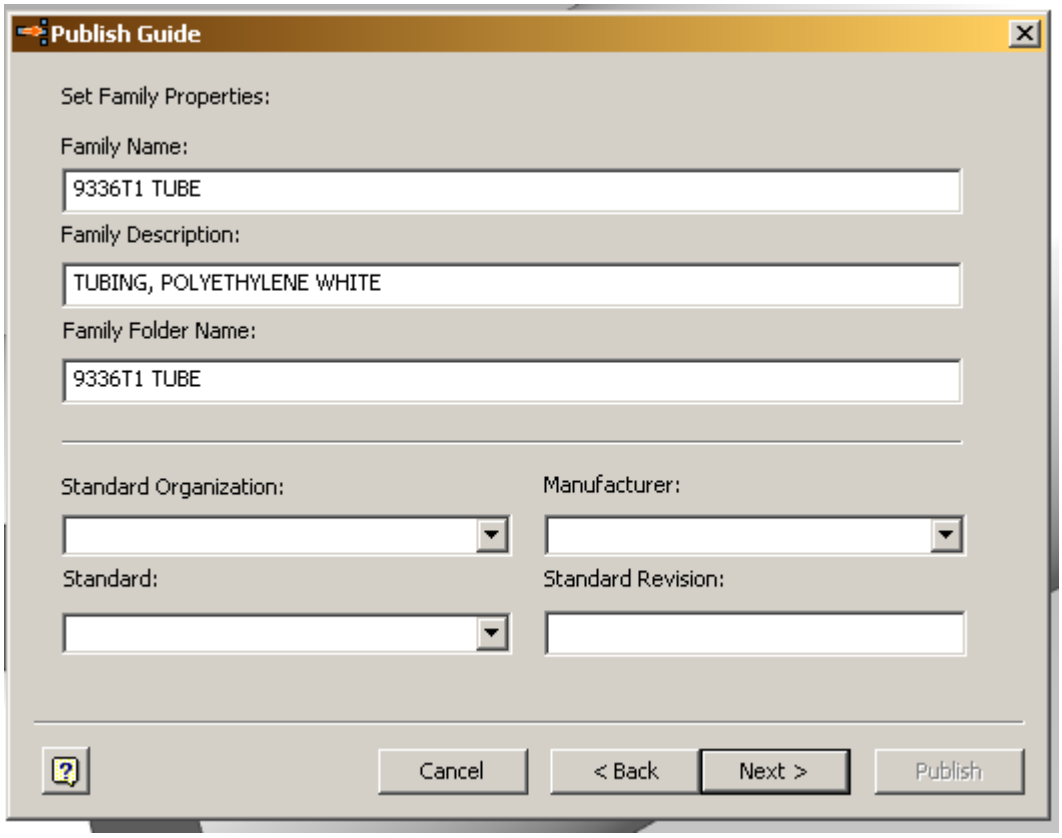
Step 6: This window maps the part parameters to the CC category parameters. Because the part was properly authored, you shouldn't have to do anything in this window. Just look it over to make sure there isn't anything funny going on. Click Next.



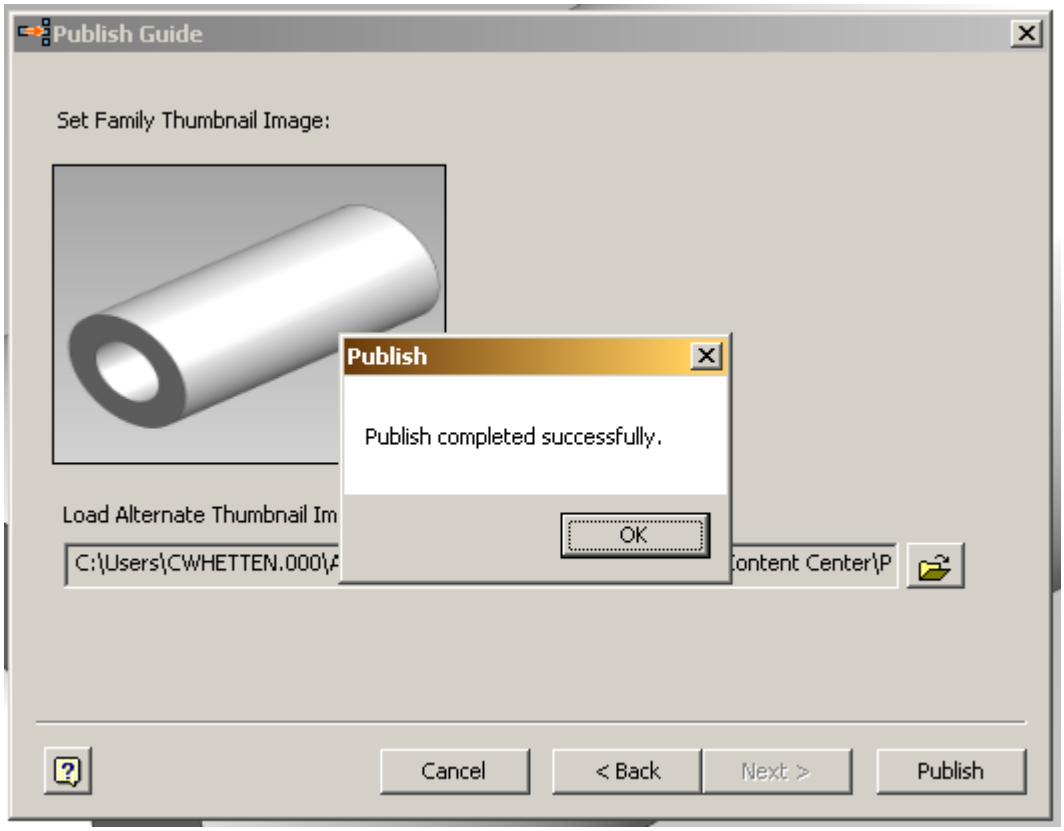
Step 7: This window is where you choose your keys. These are the parameters by which the user will select the item when it is placed from the CC. Because you have set OD as a key column in your iPart table, it automatically shows up as a key. This will do, so click Next.



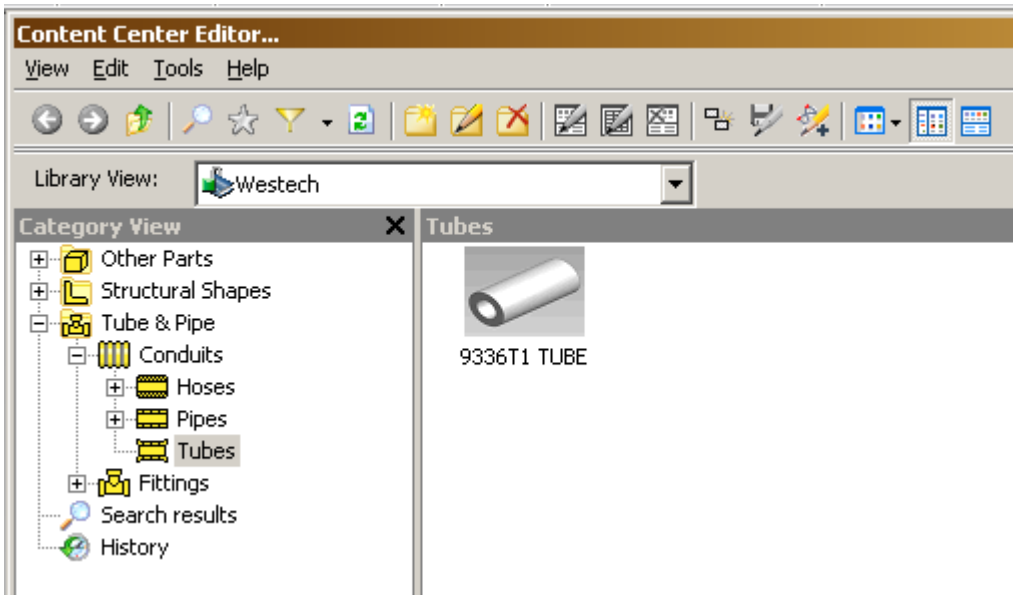
Step 8: Here is where you set up the family in the CC library. Give the family name (which shows up in the CC editor), its description, and the name of the folder in which the files will be saved in the Content Center Files folder on your local drive when the parts are created. This was good enough for testing purposes, so I clicked Next.



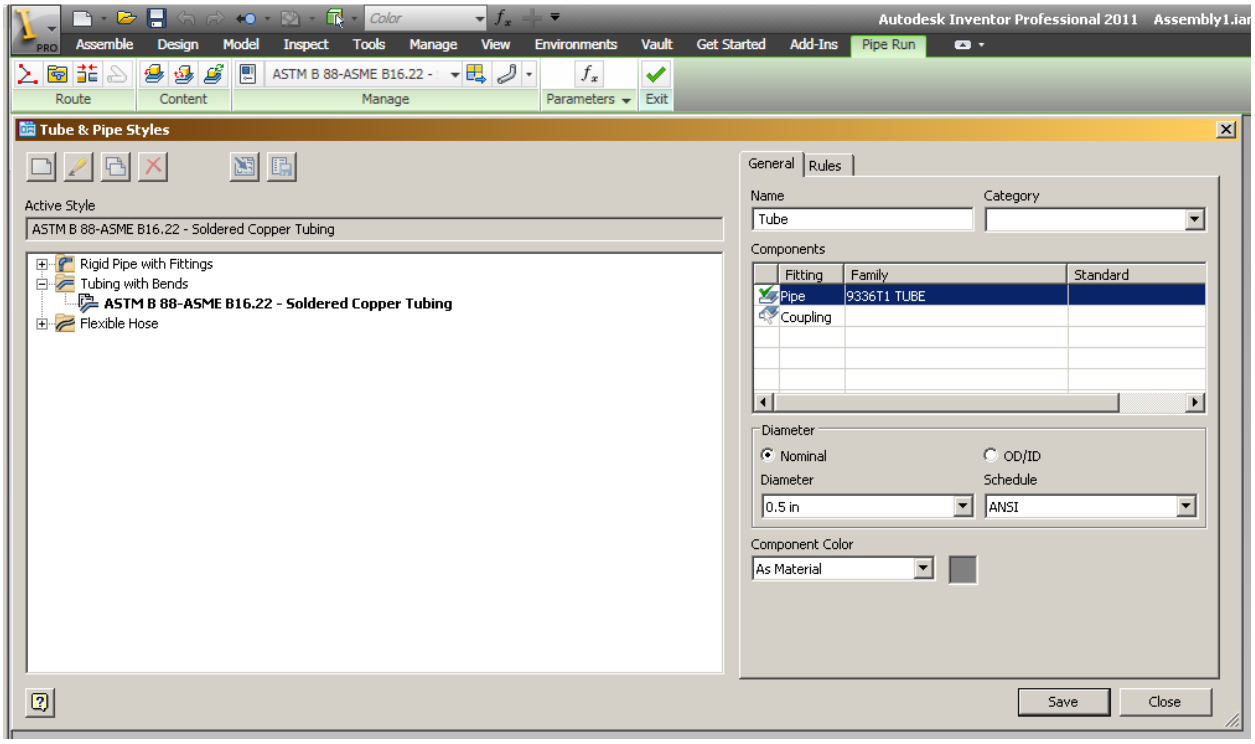
Step 9: Set the thumbnail to whatever you wish or use the default. Click Publish. As you can see, it published successfully.



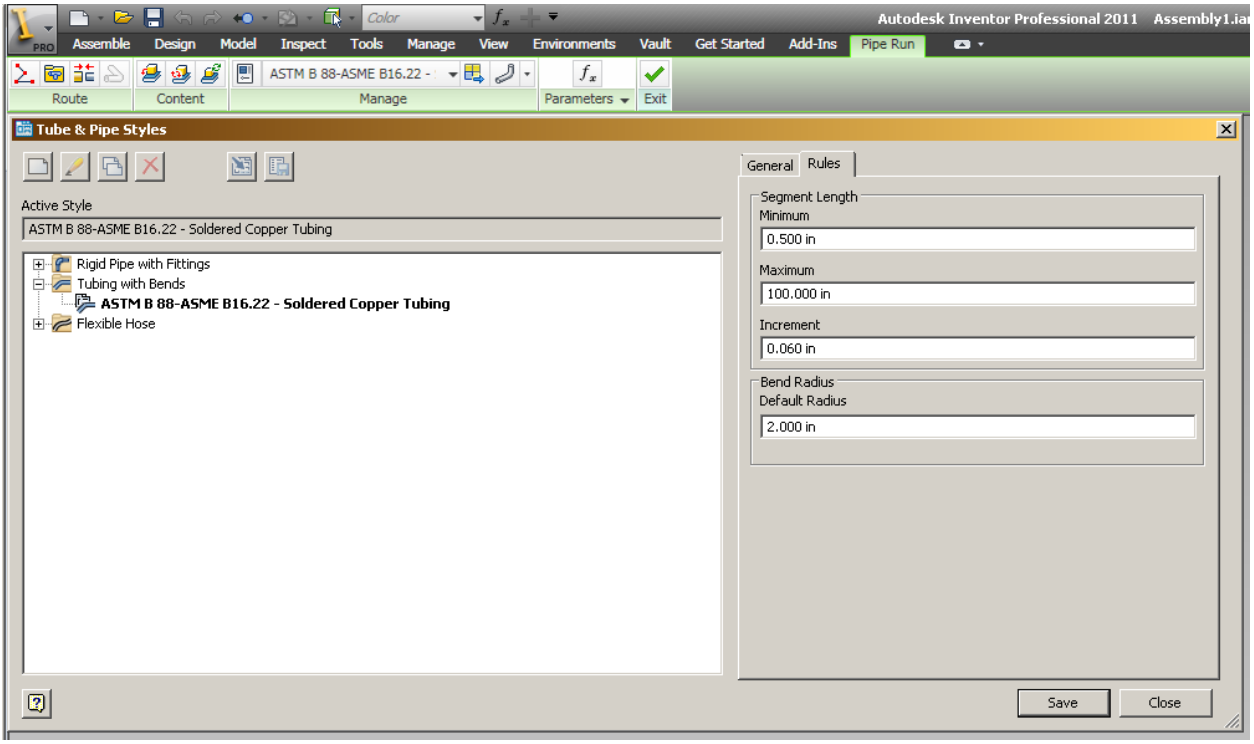
Step 10: Open the CC Editor and check to make sure the part ended up where you wanted it. Close the CC Editor.



Step 11: Create a new style in the Tube & Pipe Styles editor. Double click the empty Pipe cell and select the tube that you just published. It brings it in just fine without any errors.



Step 12: On the Rules tab, set up your rules. These are just numbers I threw at it for testing purposes. Hit the Save button, and wait a minute for it to save.



Step 13: Here you can see that the style has been successfully saved and set to Active. I didn't actually try to use it, but at least I got it to author, publish, and set up successfully.