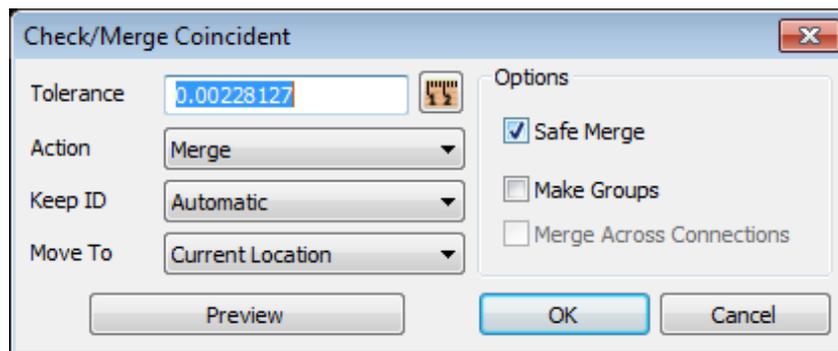


Femap Tips and Tricks: Coincident Node Move Only

Sometimes you may need to set up a model to have a set of coincident nodes which can be connected together using spring or gap elements. To help prepare such a model, Femap includes a method of moving nodes to be coincident within a tolerance.

This is the Move Only, No Merge option which can be found in the Check/Merge Coincident Node dialog.

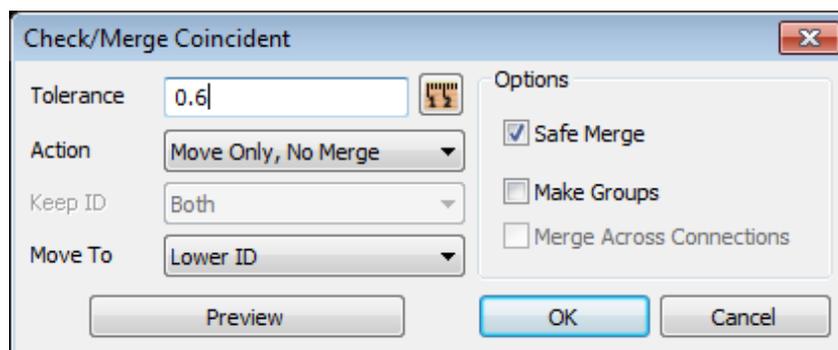
In the menu, select **Tools / Check / Coincident Nodes** and select the nodes to check in the *Entity Selection* dialog box.



The Move Only, No Merge option will move nodes found to be within the coincident node tolerance. In the *Check/Merge Coincident* dialog, enter a suitable number for the **Tolerance**.

Click on the **Move To** button to control how the nodes move - higher ID to lower, lower ID to higher, or both to the midpoint of the distance between them.

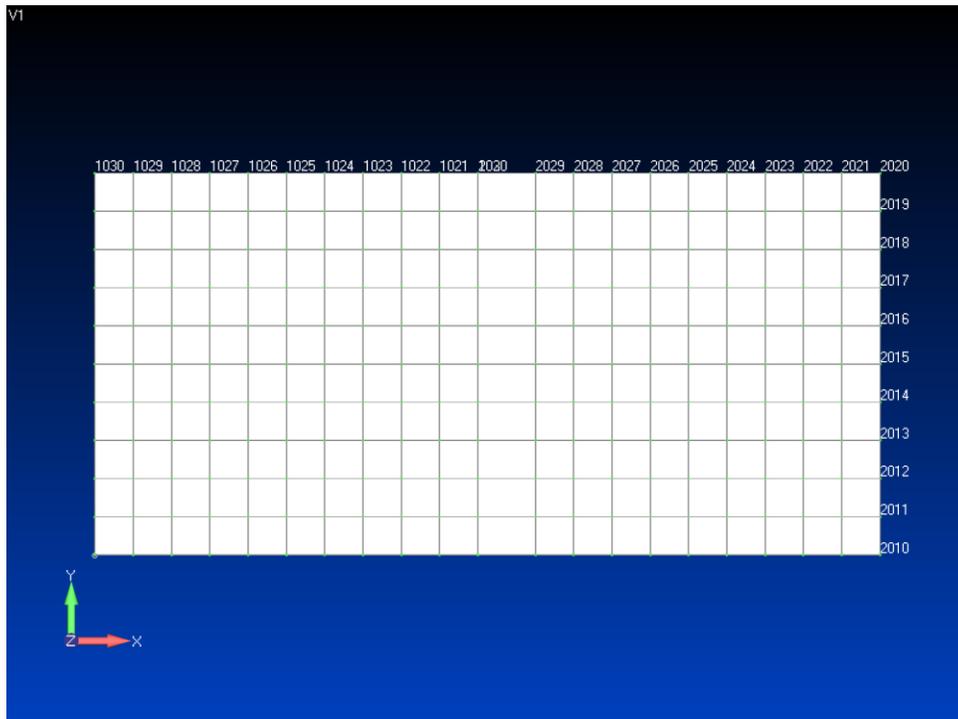
Then select the **Action** button and set that to **Move Only, No Merge**.



You can check to see which nodes have been selected for the move operation by clicking the **Preview** button.



Click **Done** and **OK** to execute the move operation.



You can watch the video of this Femap tip on the [YouTube](#).