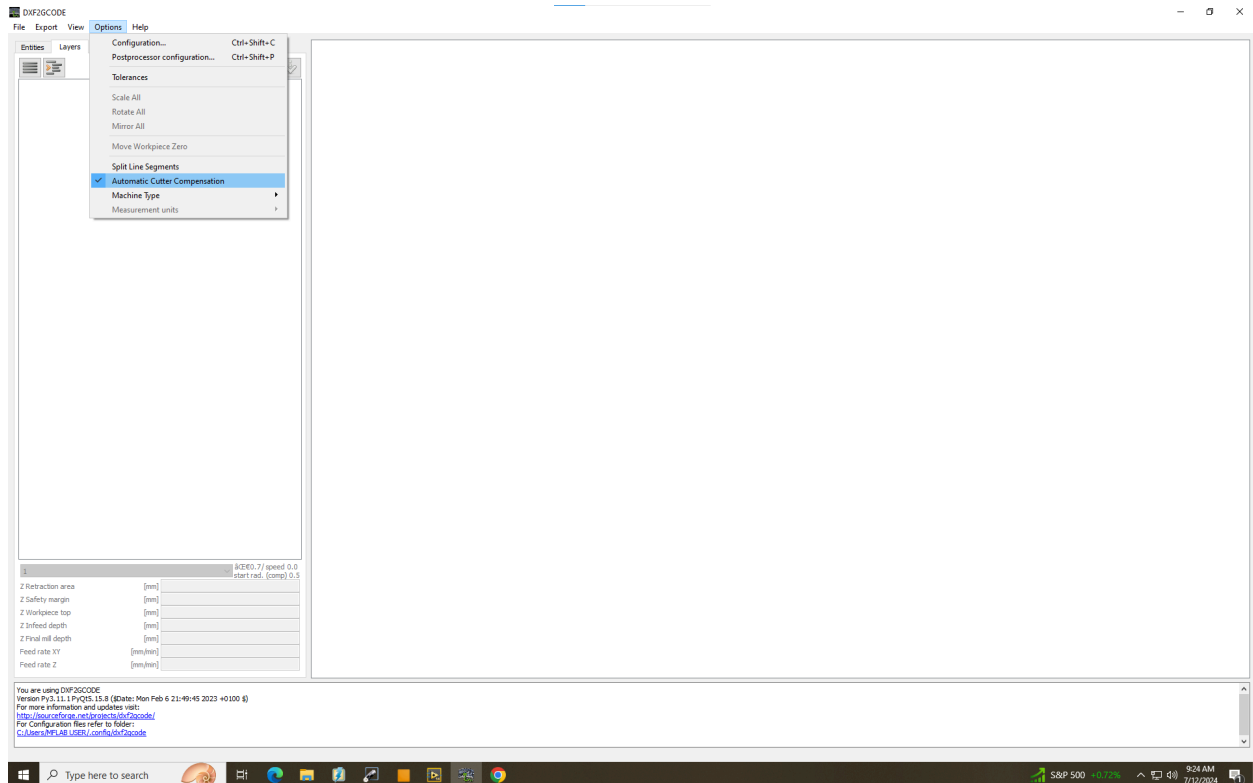


DXF to G Code Troubleshooting

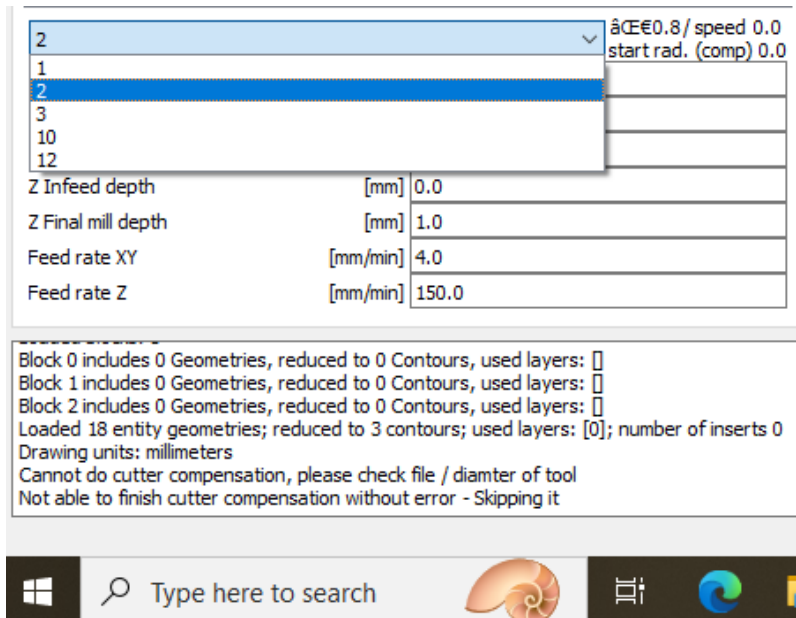
- If you open a file and the cursor changes to a hand, only allowing you to pan the screen, closing the app and reopening it should fix that problem.
- To get a DXF file created by Solidworks to work in the DXF to G Code app, ensure that “automatic cutter compensation” is turned off. The app will crash any time automatic cutter compensation is turned on.



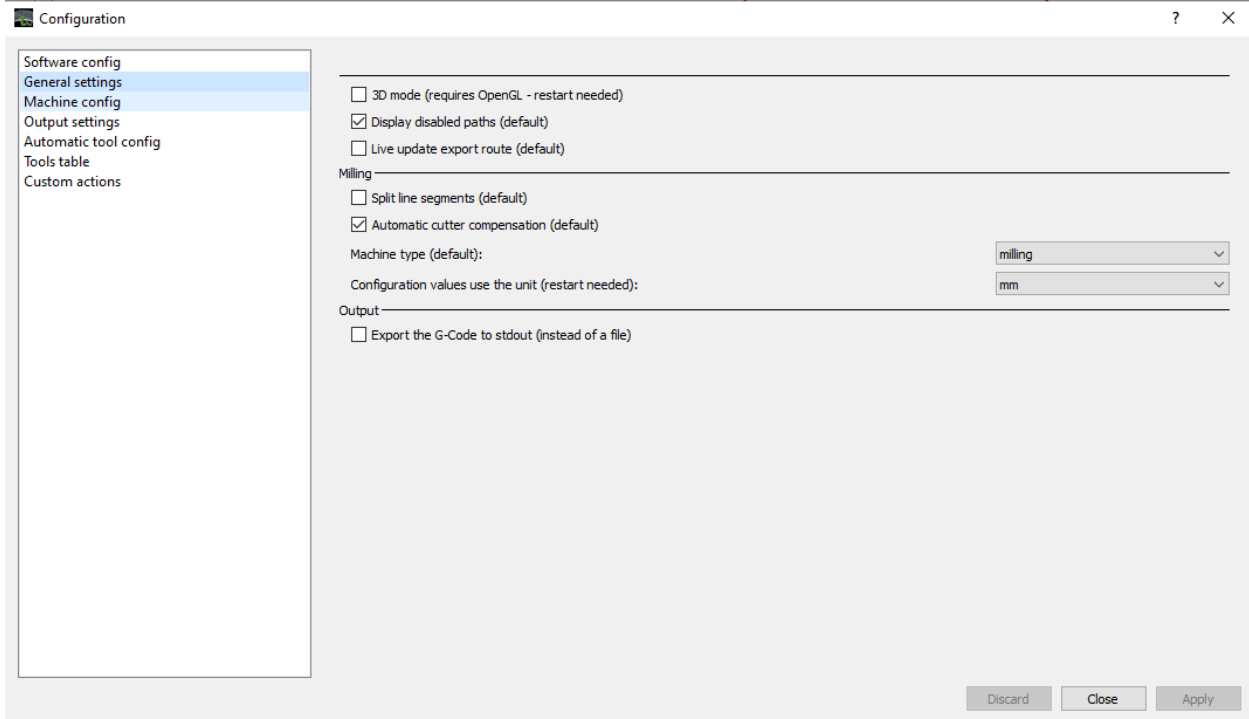
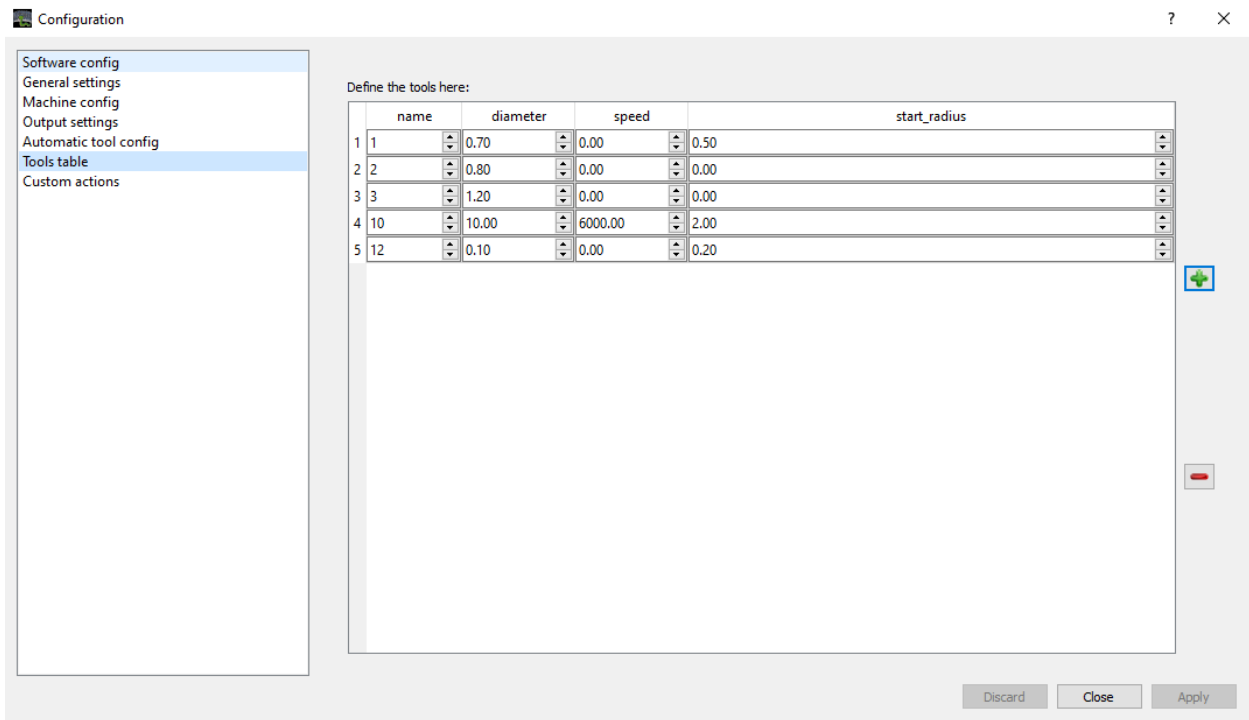
- When trying to do cutter compensation, if you get an error in the command line reading:

“Cannot do cutter compensation, please check file / diameter of tool
Not able to finish cutter compensation without error -
Skipping it”

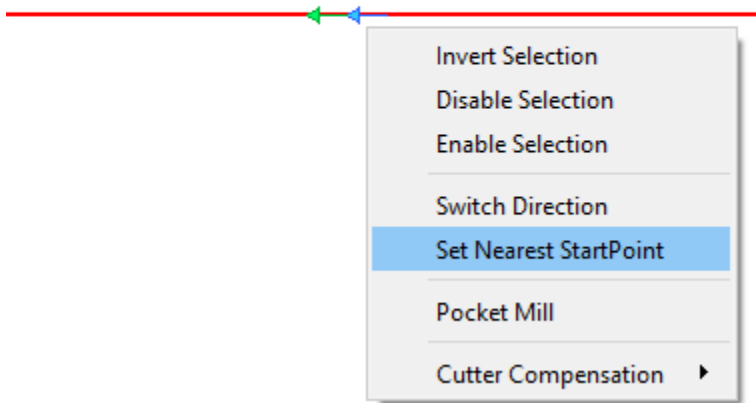
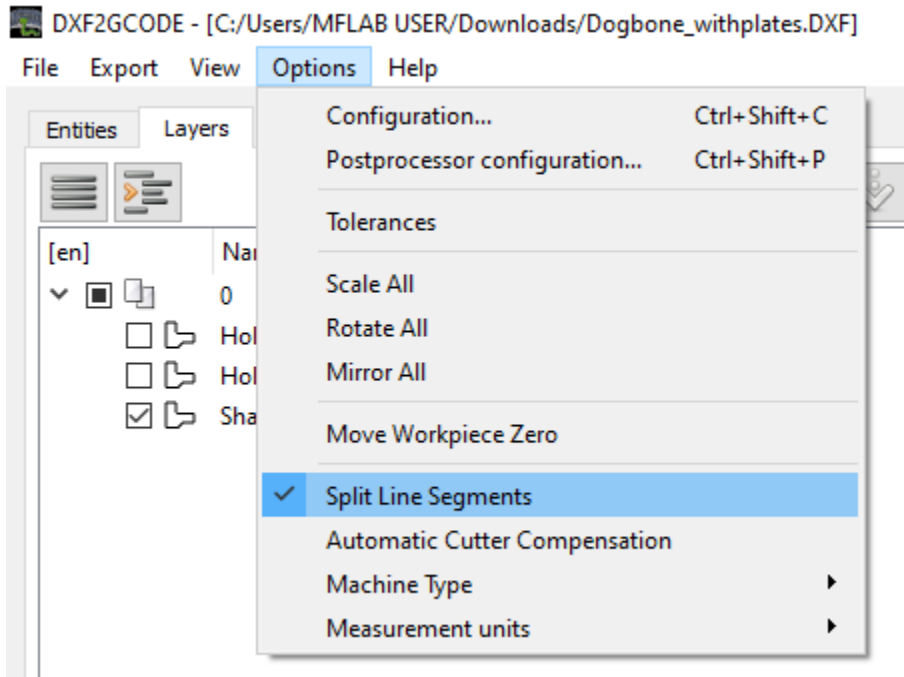
First, ensure that you’re using tool 2, as this has the appropriate diameter of the cutting tool given that the wiki states “The kerf is about 800 microns wide.”



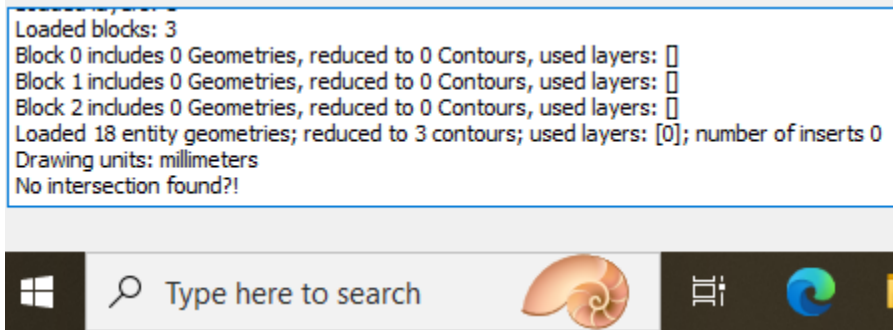
- If it still doesn't work, ensure that the tool is programmed into the tool library with the appropriate dimensions. Get there with options, configuration, tools table. Check that tool 2 has a diameter of 0.80 and your configuration values in the general settings are in mm.



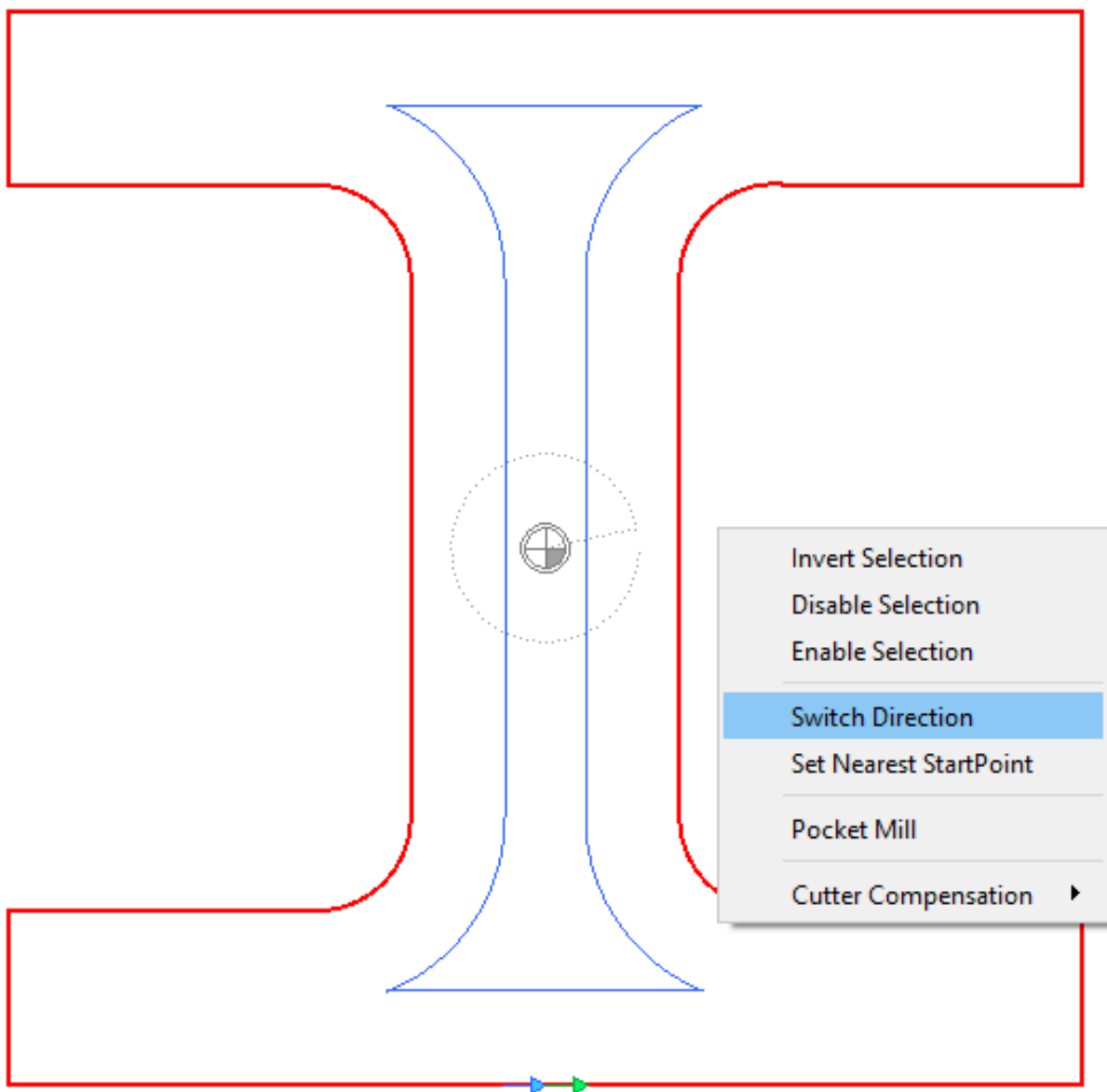
- If you still aren't getting cutter compensation, the next thing to try is a combination of a few steps. You'll need to try going to the options, and turning "split line segments" on. Then right click on a long line segment towards the middle and click "set nearest start point." You should see the two arrows move near the point that you right clicked at.



If that doesn't work when you try cutter compensation again, you may get an error stating, incredulously, "No intersection found?!"



For this, right clicking and selecting "switch direction" seems to help.



Now, the cutting path switches direction and “G41 Left Compensation” cuts inside the piece in this particular case.

Since we want to outline the piece to cut it out, we need to switch to “G42 Right Compensation.”

