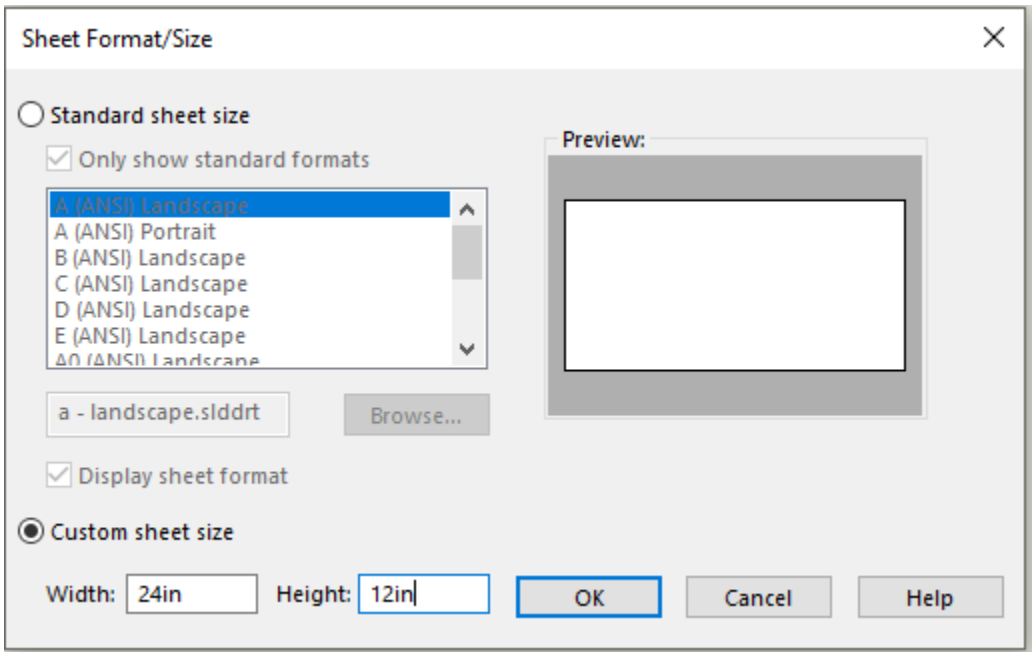
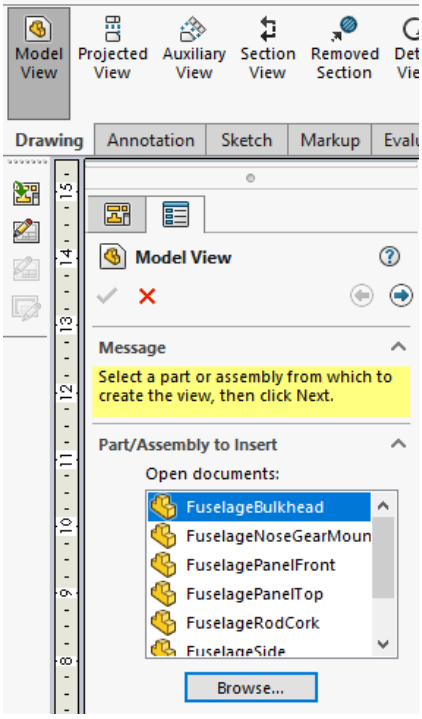
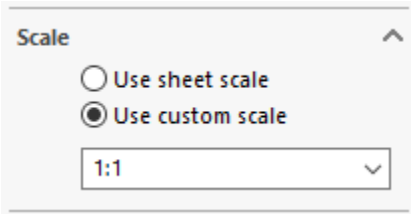
How to Prepare Parts to be Laser Cut

Step 1: Create a drawing document with the same dimensions as your piece of material.



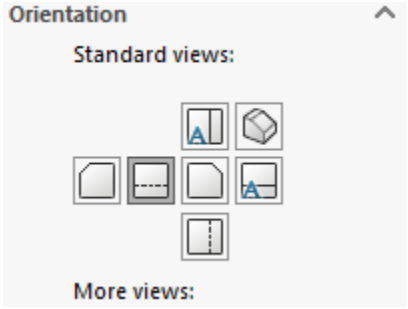
Step 2: Click 'Model View' and then select the part that you would like to import. If you already have the part file open, it will appear in the bar. Otherwise, you will have to browse for the folder. **Make sure the part is to 1:1 scale.**



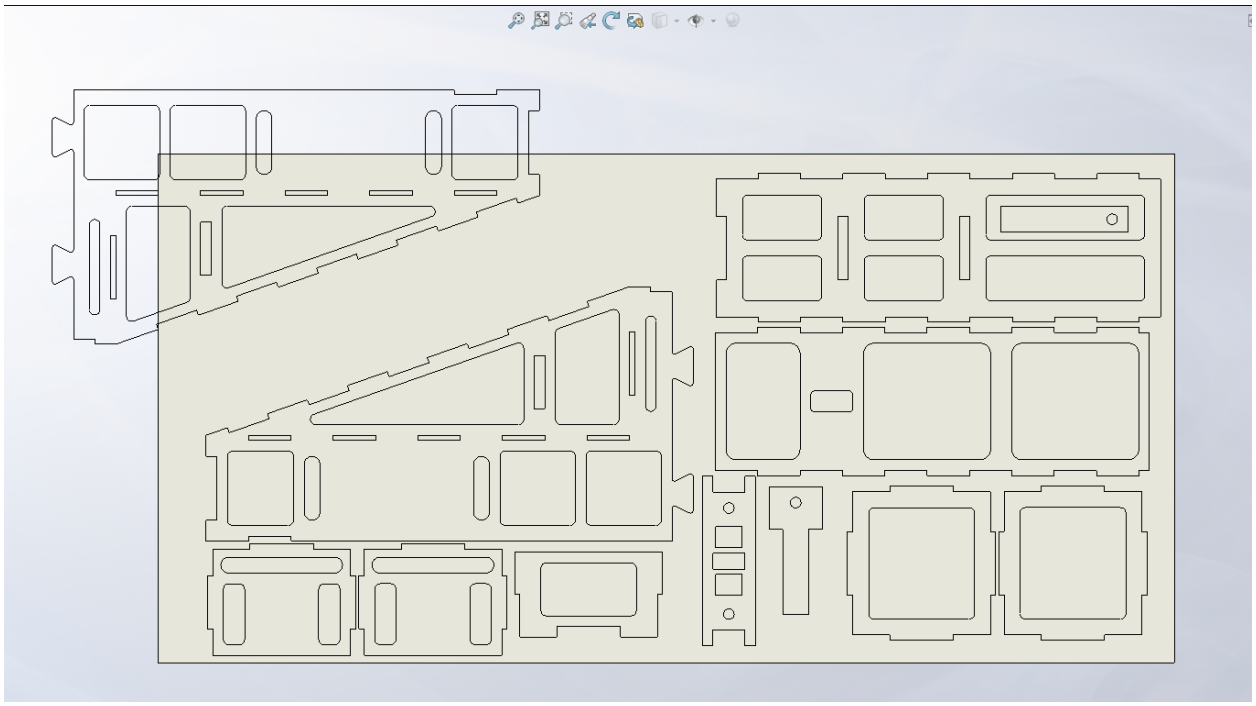


Step 3: If the part is not in the correct view, you can use the different view options to correct it.

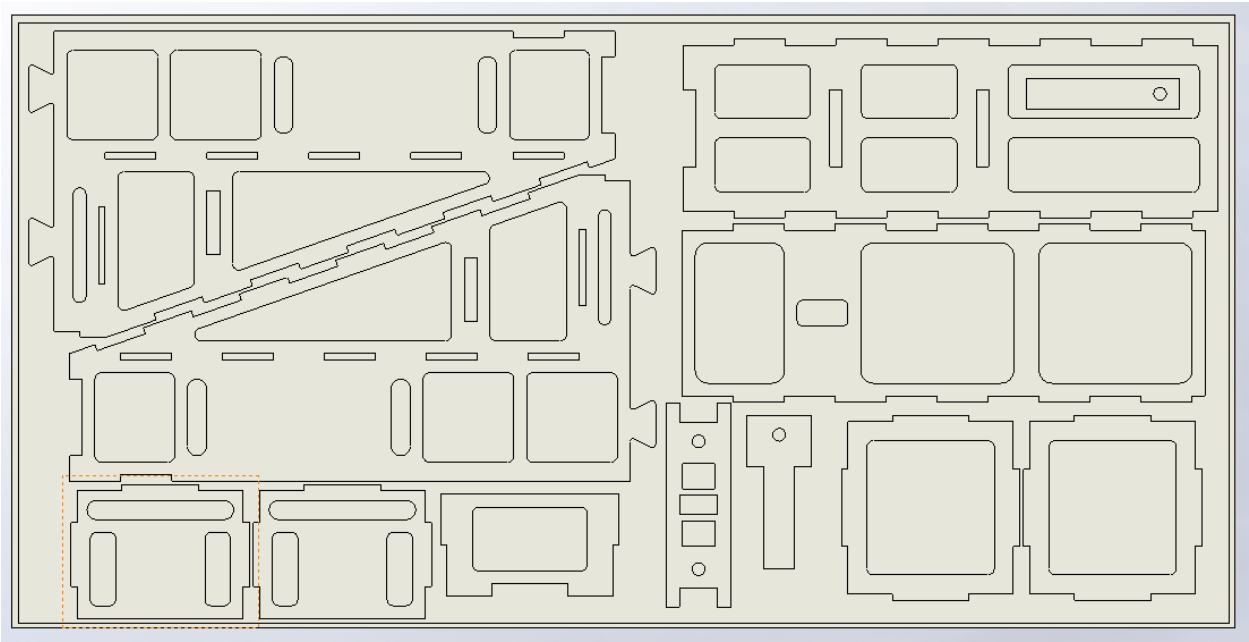
This is best to do after placing the part otherwise it might try to show multiple views at once.



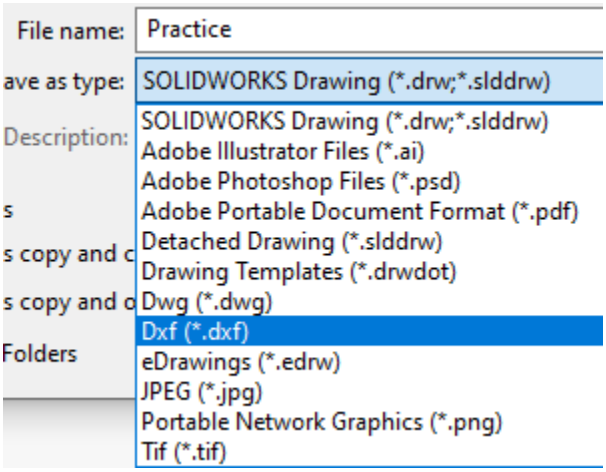
Step 4: Place your parts as efficiently as possible. Use the rotation icon at the top middle to change the rotation of your part if need be. Additionally, a different view can be selected to get a mirror of your part.



Step 5: Create a rectangular part that is slightly smaller (generally about ⅛” in every direction) than your sheet size. Place the part into your drawing so that all other parts are within it. This will help the laser technicians to make sure all of your parts are cut within the material.



Step 6: Double-check that nothing is overlapping and then export to a .dxf file.



Step 7: Email your .dxf file to the laser cutting lab and make sure to include a thinly veiled threat warning them not to mess up your parts.

To Laser cutting people

Cc

Laser Cutting Request

Practice.DXF
152 KB

Dear Laser Cutting People,

Could you please cut out these parts for me?

Do not burn my parts again or there will be consequences. 🙂

Thanks,
Minton

Calibri 12 B I U

Send Discard