

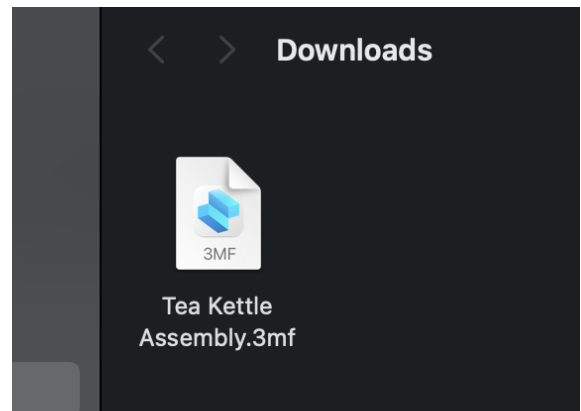
Export a file for 3D printing

Learn how to create an STL or 3MF mesh file from your Fusion 360 design file.

- Export file for 3D printing

Learning objectives:

- Export a 3MF file.
- Export an STL or OBJ file.
- Send to 3D Print Utility.



3MF file download from Fusion 360

1. Right-click on a component or body in the Browser > select **Save as Mesh**.

You can also use the following tools to export mesh bodies:

- **Export Mesh** 
- **3D Print** 

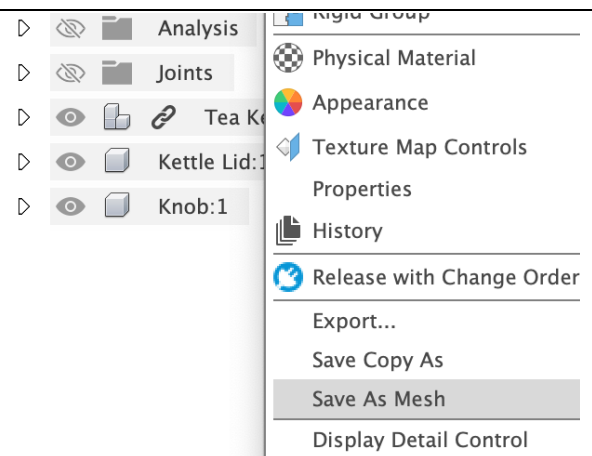
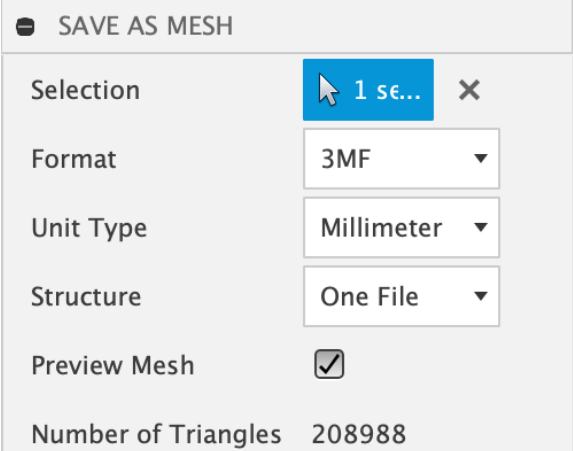
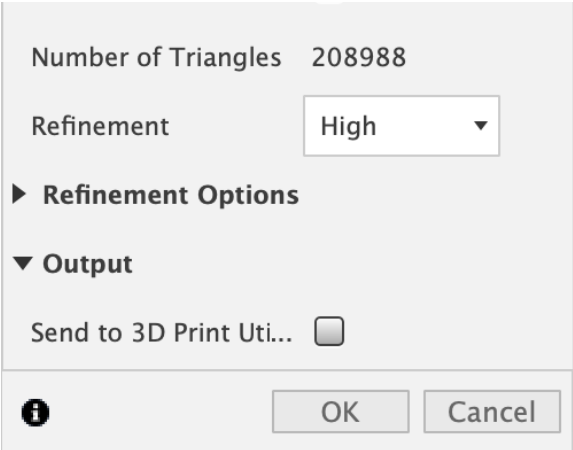


Figure 1. Save as Mesh is found in the right-click in the Fusion 360 Browser.

2. In the dialog, select the Format: • 3MF • STL (Binary) • STL (ASCII) • OBJ	 Figure 2. Save as Mesh dialog.
3. Select the Refinement. Note: Custom will toggle the Refinement Options open, where you can define individual settings.	 Figure 3. Choose Refinement in the Save as Mesh dialog.

4. Check **Send to 3D Print Utility** to send the file directly to Ultimaker Cura or an alternative Printing Utility.

Note: The 3D Print command will check this option automatically.

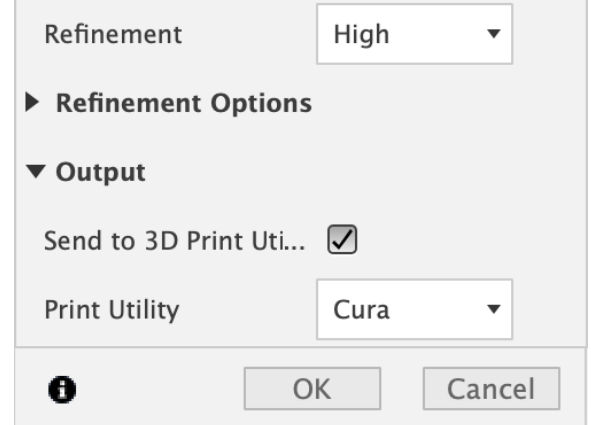


Figure 4. Check 3D Print Utility in the Save as Mesh dialog.

5. Uncheck Send to 3D Print Utility and click **OK** to save the file to your local computer.

Define the file name and location. Select **Save** in the dialog.

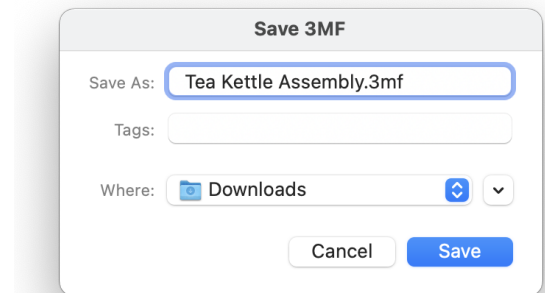


Figure 5. Save a mesh file to your local computer from Fusion 360.