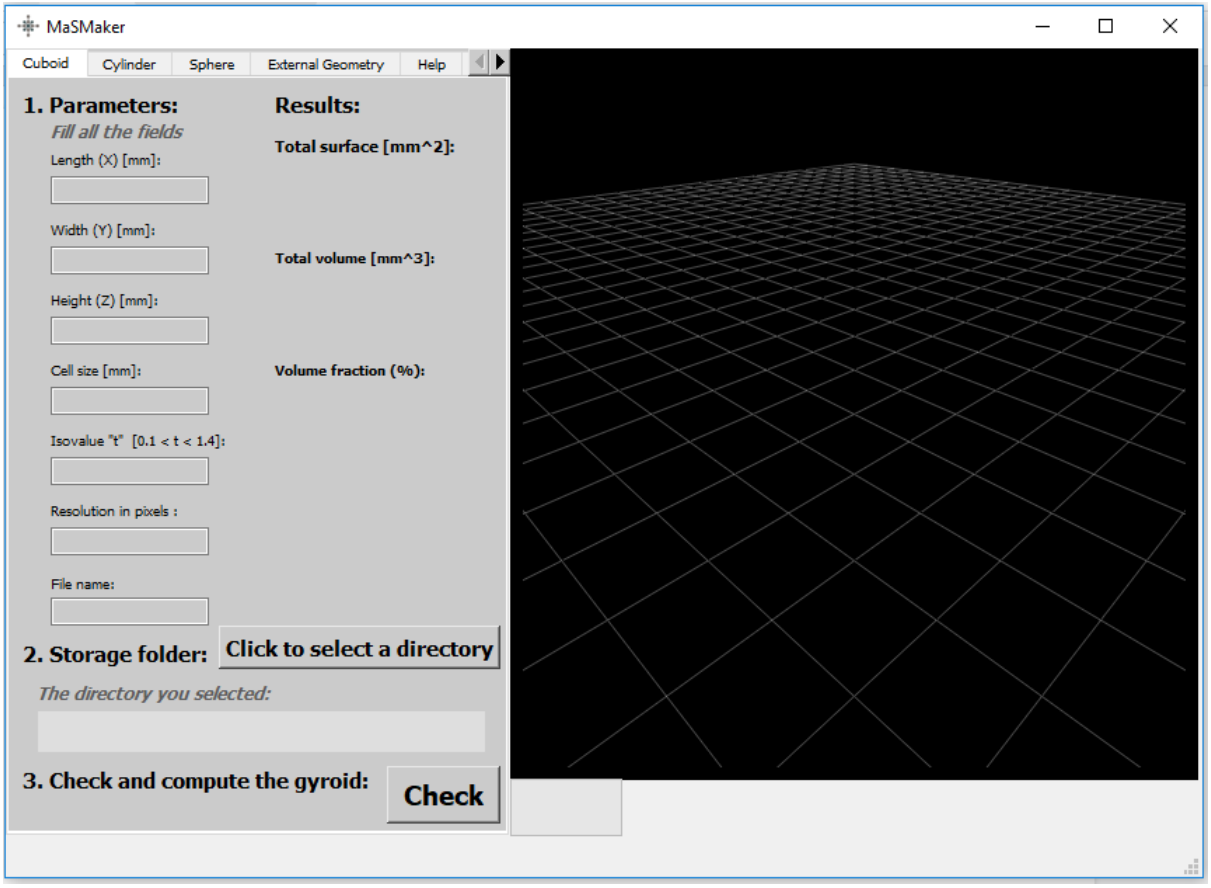
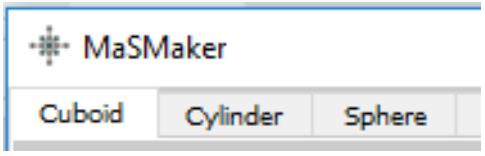
MaSMaker step-by-step tutorials

Tutorial 1. How to generate a basic geometry (Cuboid, Cylinder, Sphere) with gyroids integrated

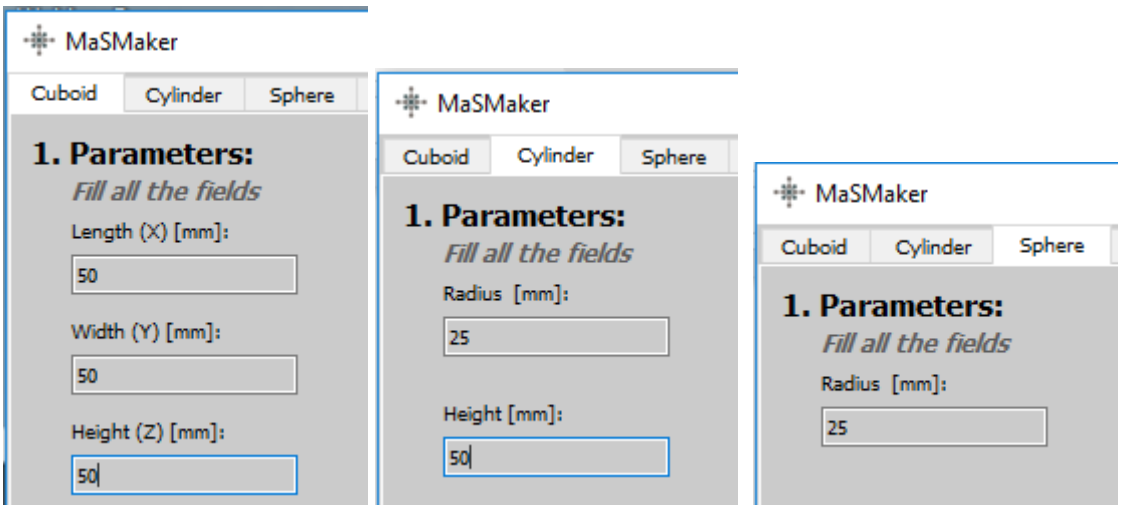
Launch MaSMaker to see the GUI. You will need to provide your registered email and associated license key to start working.



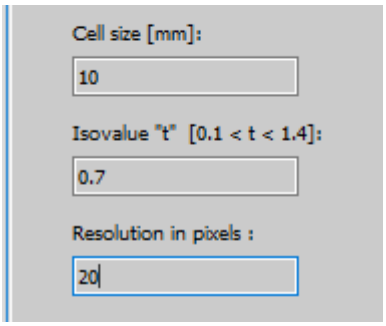
1. Select the tab of the geometry to generate (Cuboid, Cylinder, Sphere)

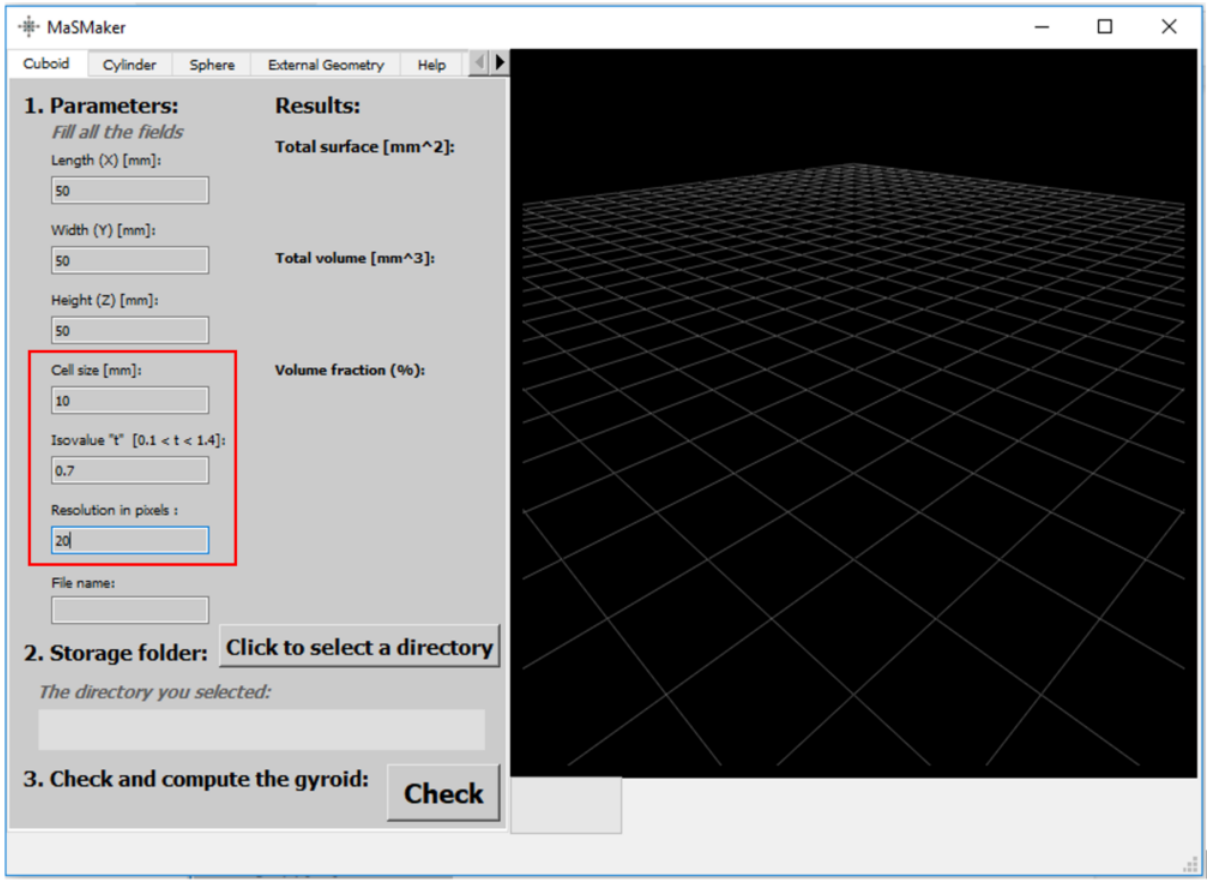


2. Input the geometry dimensions (in millimeters) according to the selected shape.

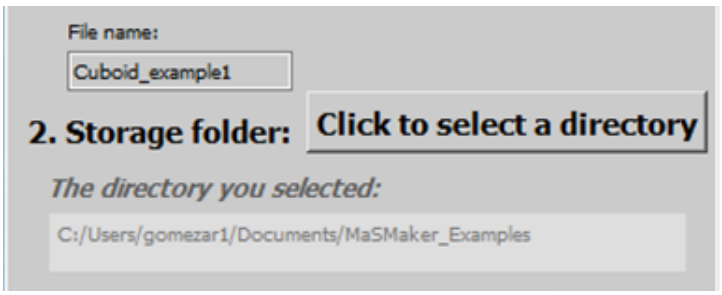


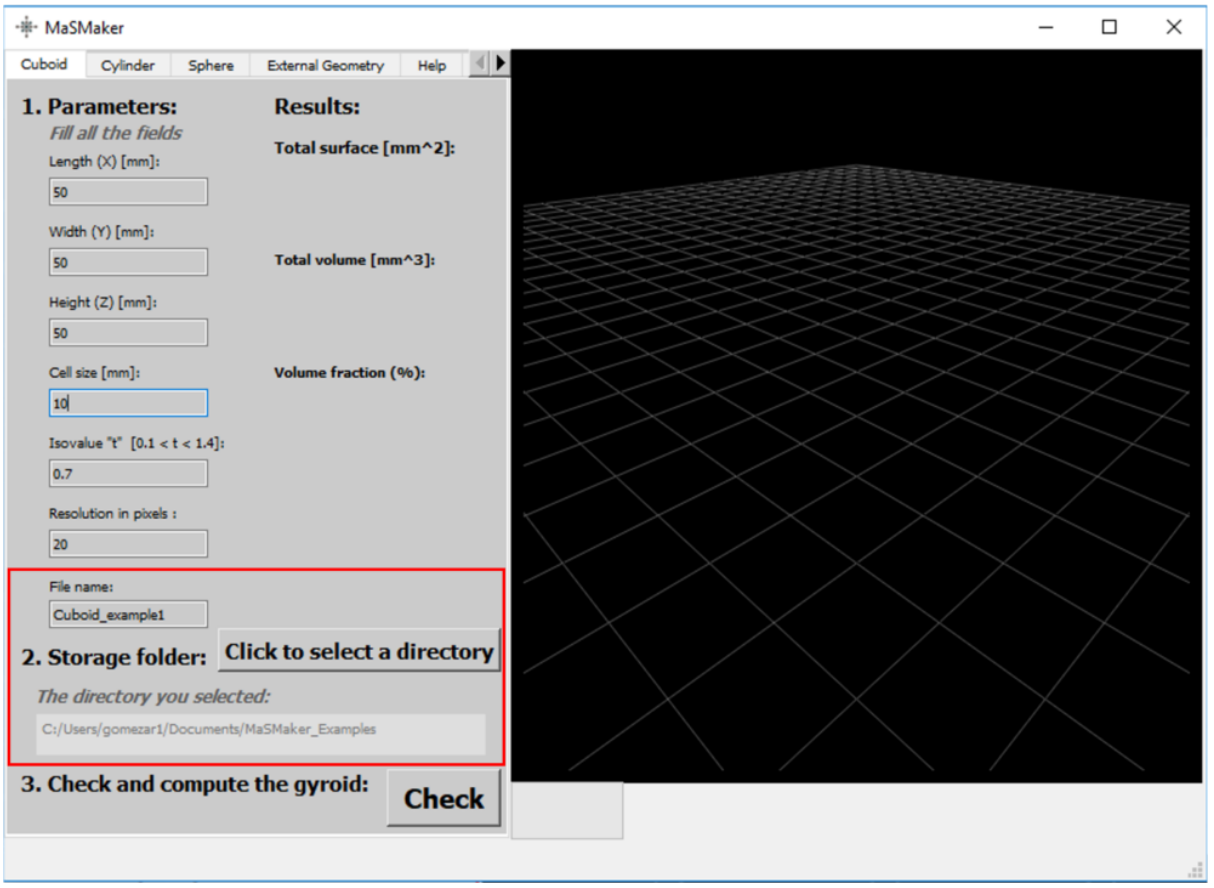
3. Introduce the unit cell parameters: cell size (mm), isovalue (“t”), and resolution.



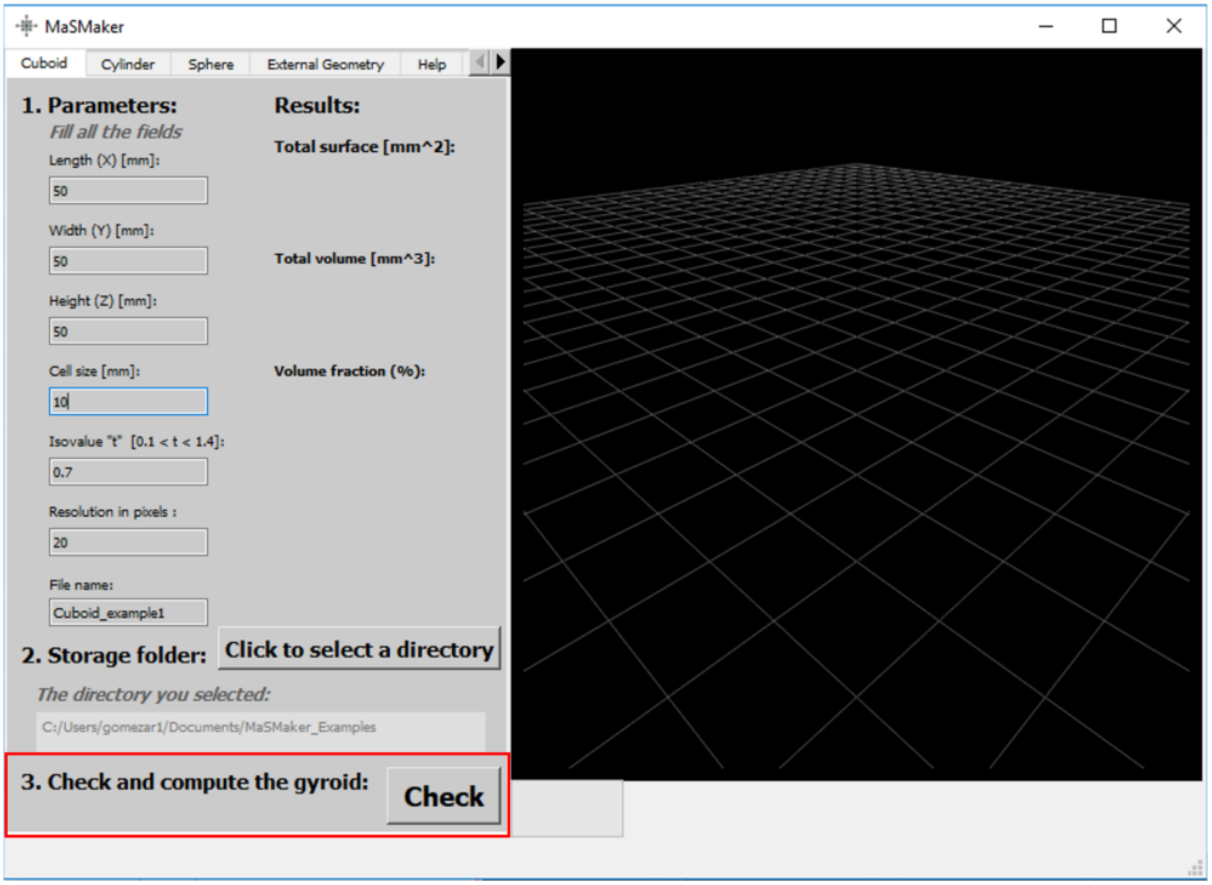


4. Type a filename and browse for a location to save the final STL file generated by the software.

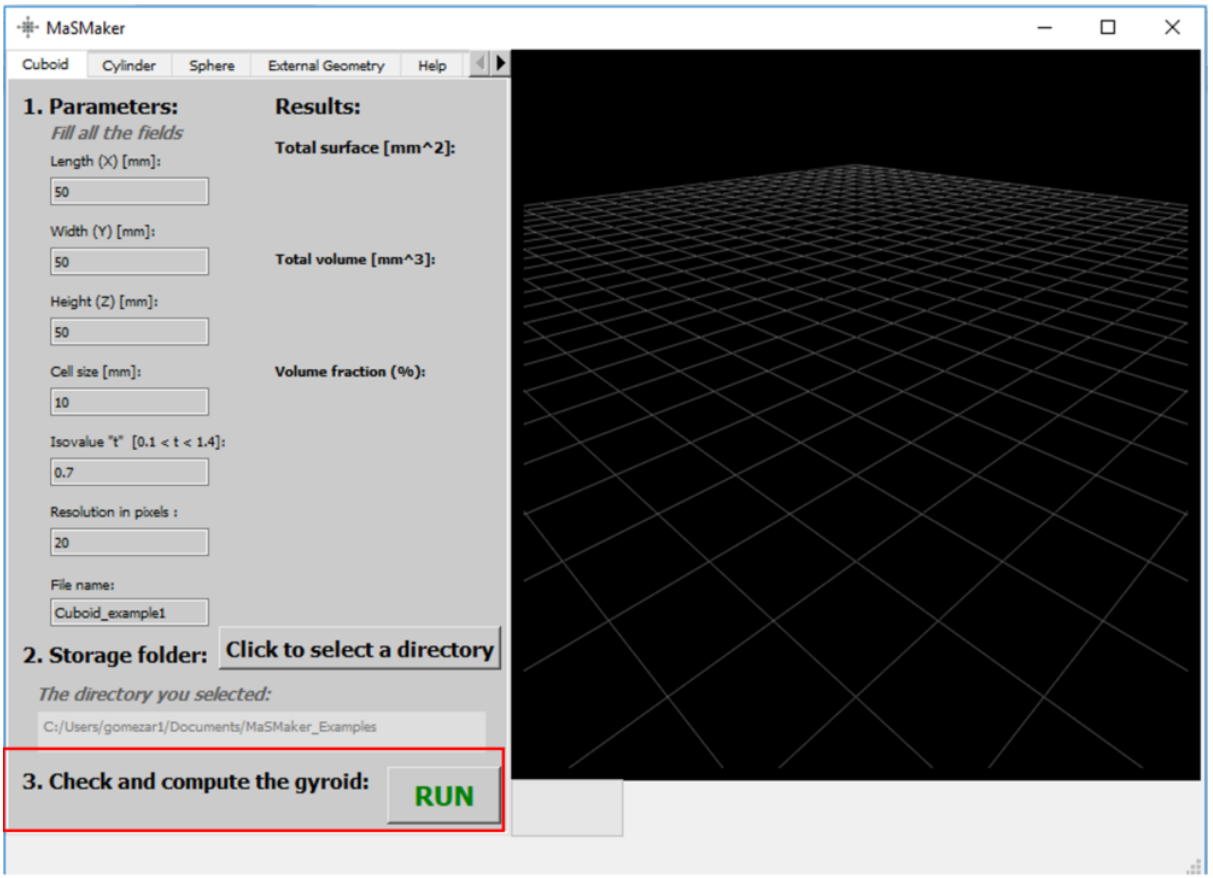


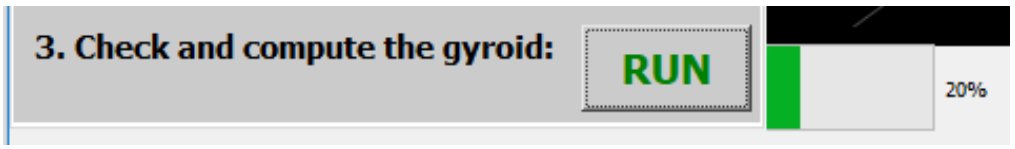


5. Click on the “Check” button, if there is no missing information, or there is no other existing file with the same name, the button will change to “Run”.

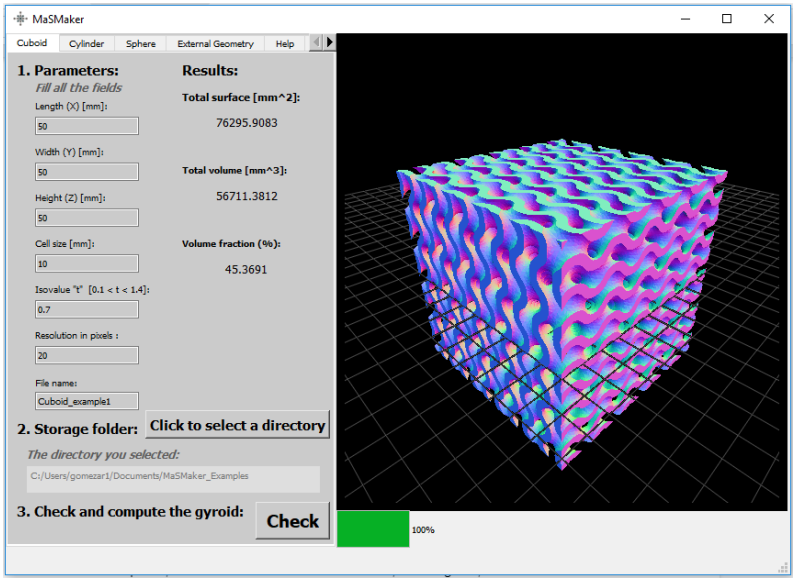


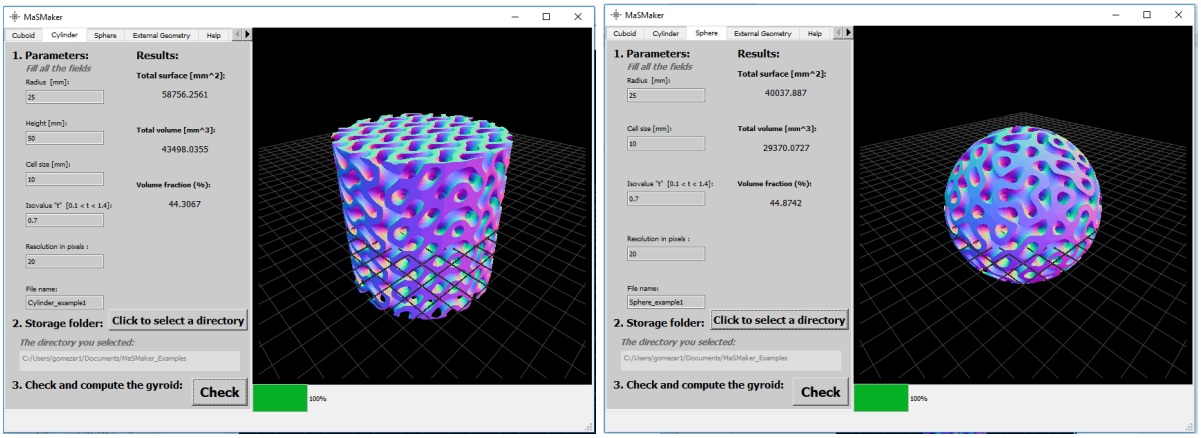
6. Click on “Run”, a green bar will show you the creation progress.





7. Finally, you can visualize the final geometry in the interactive 3D viewport where common operations such as zoom in/out and rotations can be performed





8. You will find the STL file of the geometry in the selected location.