# Punktlektion: Autodesk Netfabb 2019 Preparing files for Z-Printer 450



This guide aims to help you to prepare a file for print with Z-Printer 450 gypsum printer. It will cover hollowing out a part and making escapes holes to allow for the removal of build material and calculate the volume of your part so you know the production cost. This guide is separate in to multiple parts. Read headings in the table of contents before you begin.

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### Punktlektion: Z Printer 450

Start the computer and follow the steps outlined below:

### 1: Import File:





### 2: Generate a Shell:

We set a thickness of your part, called shell. This will make your part hollow and this way you can save a lot of material.





#### 3: Add an Escape Hole:

We need to add an escape hole in your part so all the excess material can get out and make the price of the print cheaper.













#### 4: Volume Analysis & Screenshot:

Let's find out the volume of your part so you know how much it will cost to print it. Screen capture your volume plus your part with the escape hole in view.





#### 5: Export File:

Back in Autodesk Netfabb.



