

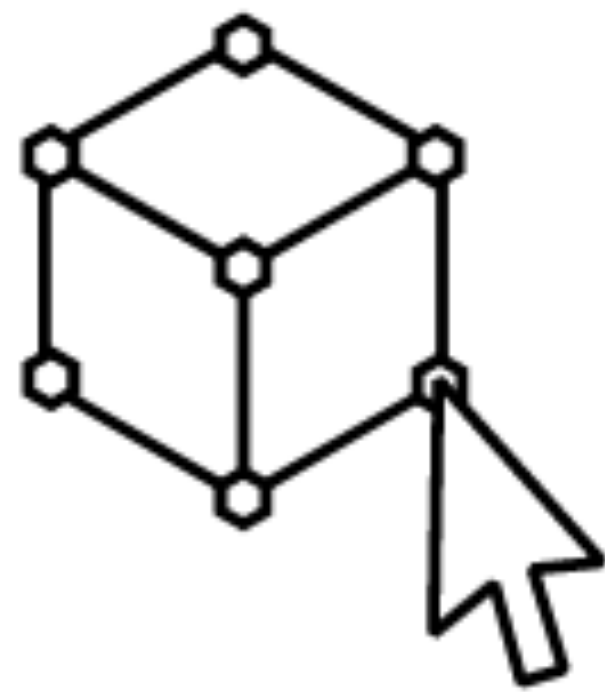
Fluxo de Trabalho



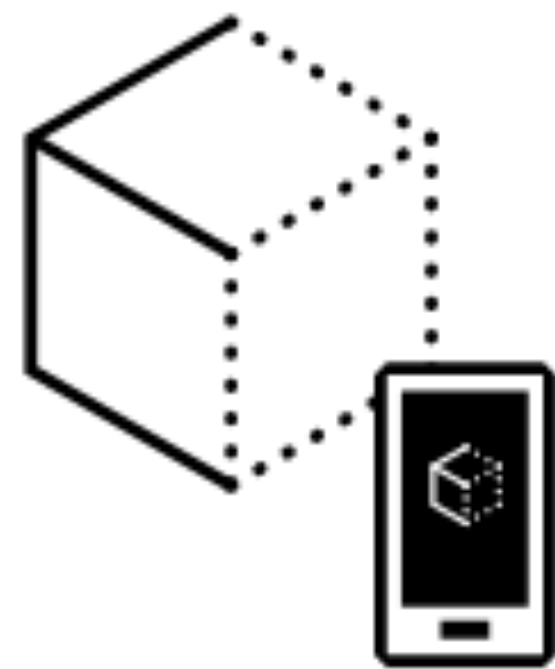
Modelar

Preparar o modelo

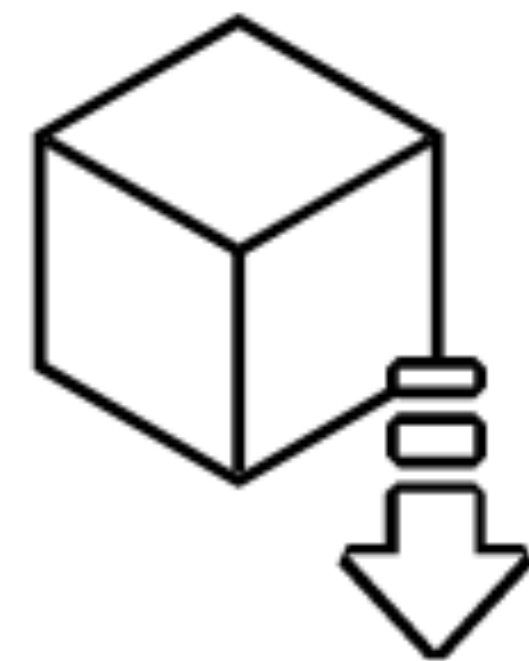
Imprimir



Modelar



Escanear Modelo



Baixar modelo

Modelar

#TrickorTreat3D My Mini Factory Challenge is on! Win a BCN3D printer and some Tinkercad gear!

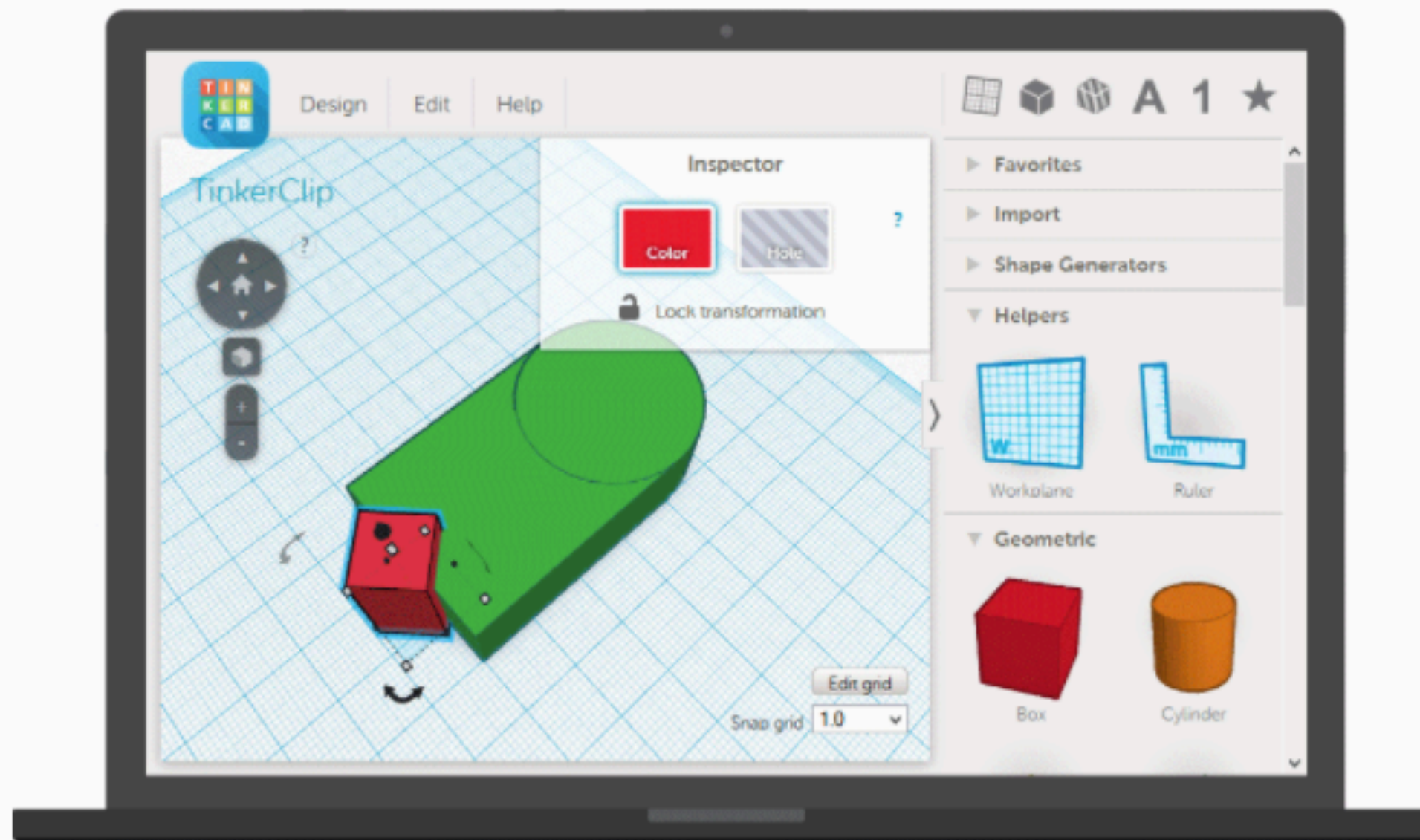


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How it works:



1. Place

Shapes are basic building blocks of Tinkercad. A shape can add or remove material. Import your own, or work with existing shapes.

2. Adjust

Move, rotate and adjust shapes freely in space. Use tools like the ruler to input exact dimensions.

3. Combine

Group together a set of shapes to create models as detailed as you want.

<https://www.tinkercad.com/>



<https://www.sketchup.com/>

+

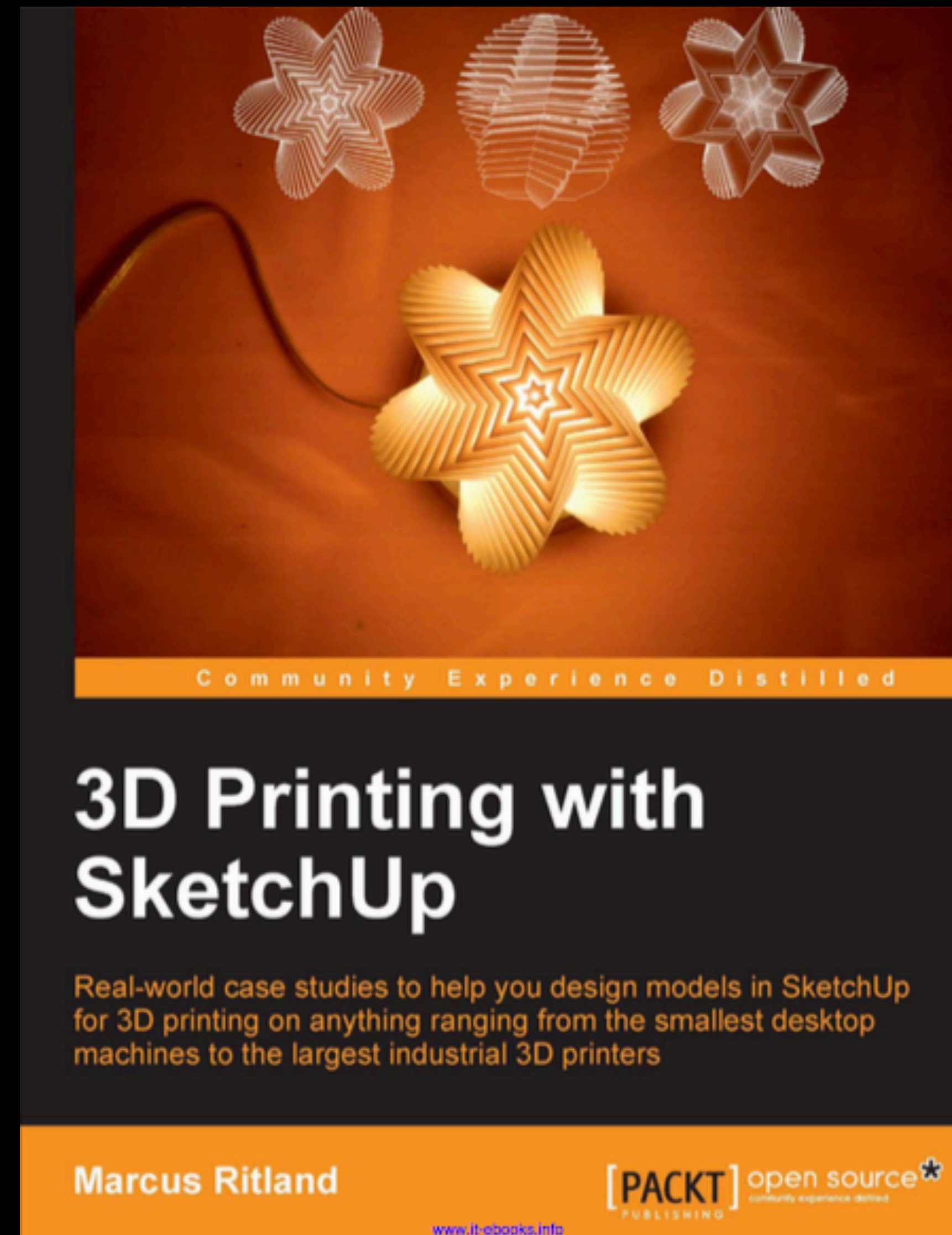


Solid Inspector² by ThomThom
Inspect and repair solids in SketchUp



SketchUp STL by SketchUp Team
Import and Export STL files for 3D printing

<https://i.materialise.com/blog/3d-printing-with-sketchup/>



<https://www.dropbox.com/s/26eydfwa40xb1oq/3d-printing-with-sketchup-marcus-ritland-pdf-book.pdf?dl=0>



<https://www.blender.org/>



<https://www.autodesk.com.br/products/inventor/overview>

Escanear Modelo



Staff

Baixar Modelo

<https://www.thingiverse.com/>

Thingiverse

DASHBOARD

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EDUCATION

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Q Enter a search term

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Thingiverse Featured

This multi-color model of a cell shows how 3D printing can be beneficial in the educational and medical spaces. Designed by **MosaicManufacturing**, not only does it show different levels of the cells, but the different colors highlight areas of interest.

[Learn More](#)



Global Feed

Latest Thingiverse Activity



smartdesign started following zigstarr



smartdesign started following kilianL

Featured Collections

Download and print today

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Preparar o Modelo

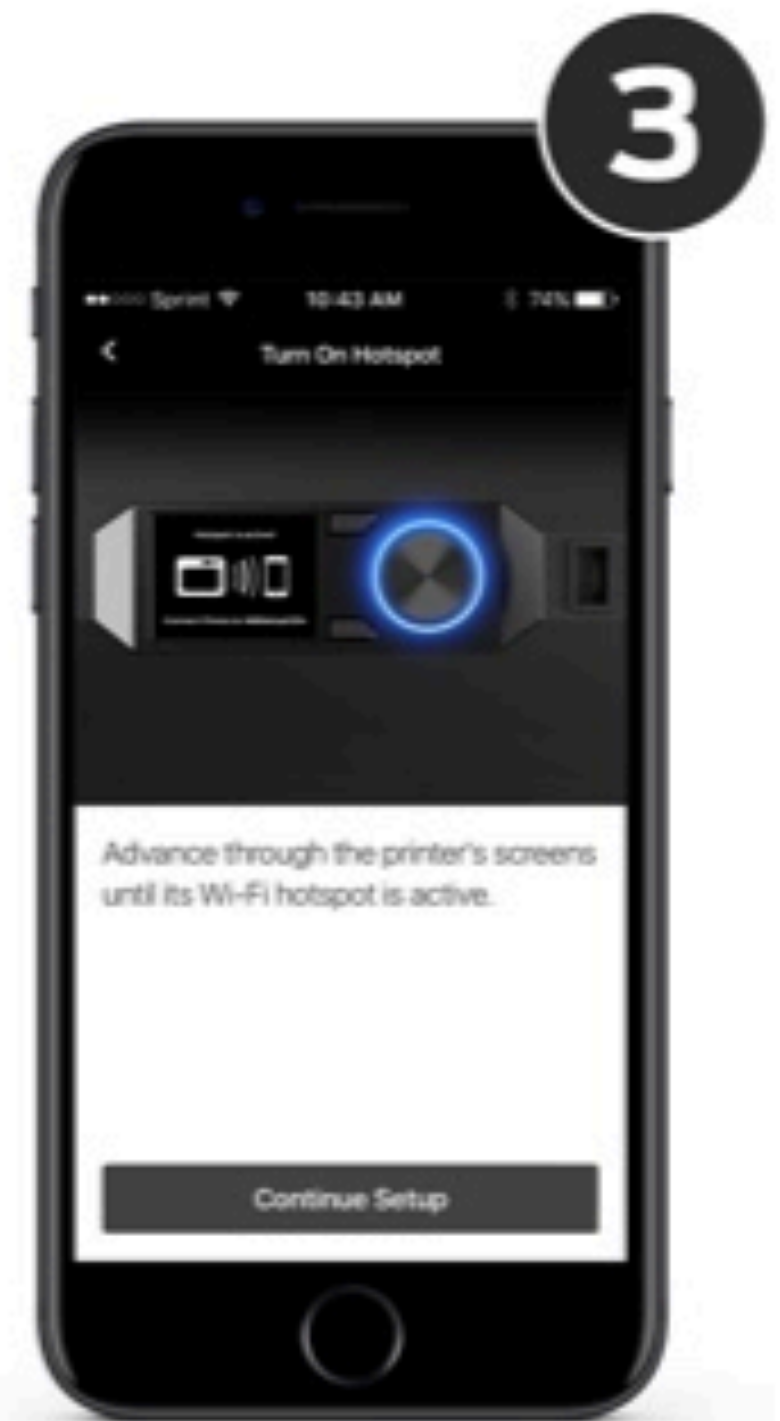
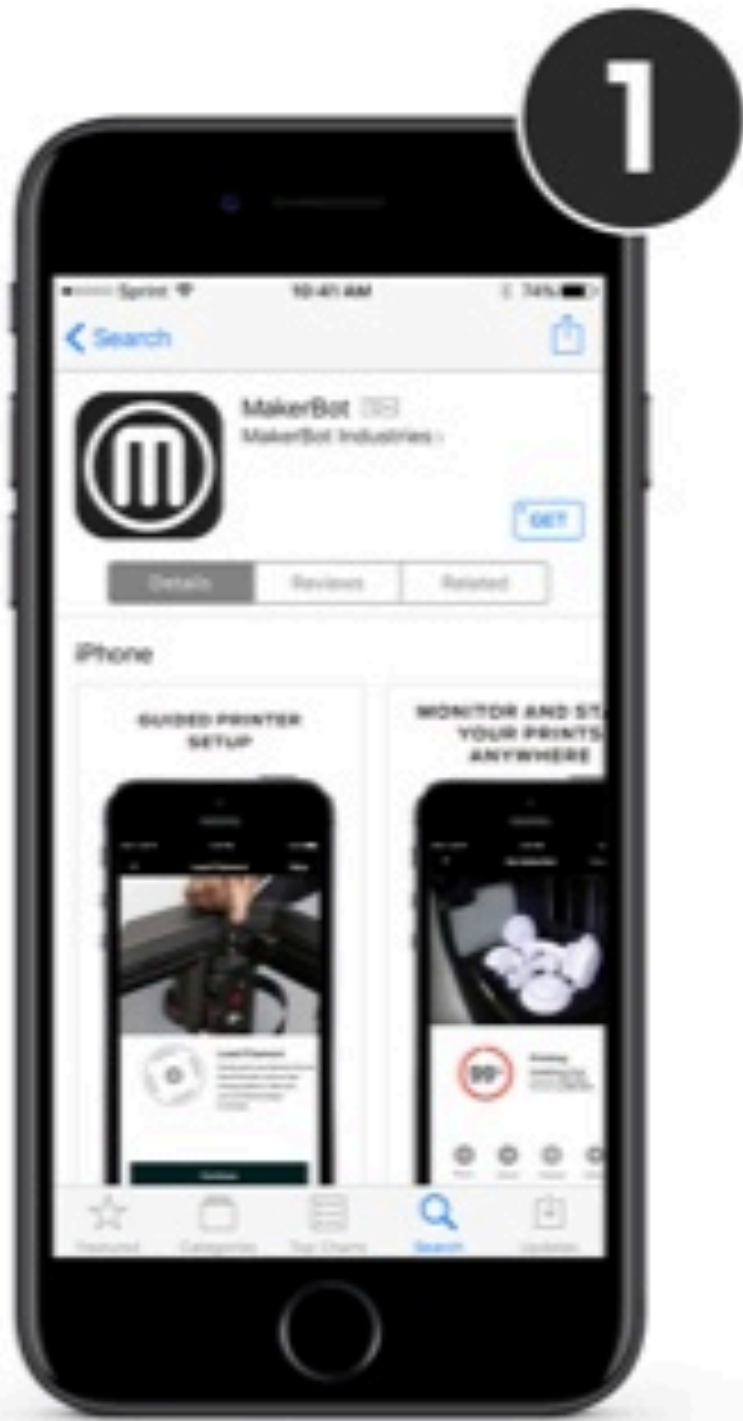
<https://www.makerbot.com/print/>

THE ALL-NEW MAKERBOT PRINT

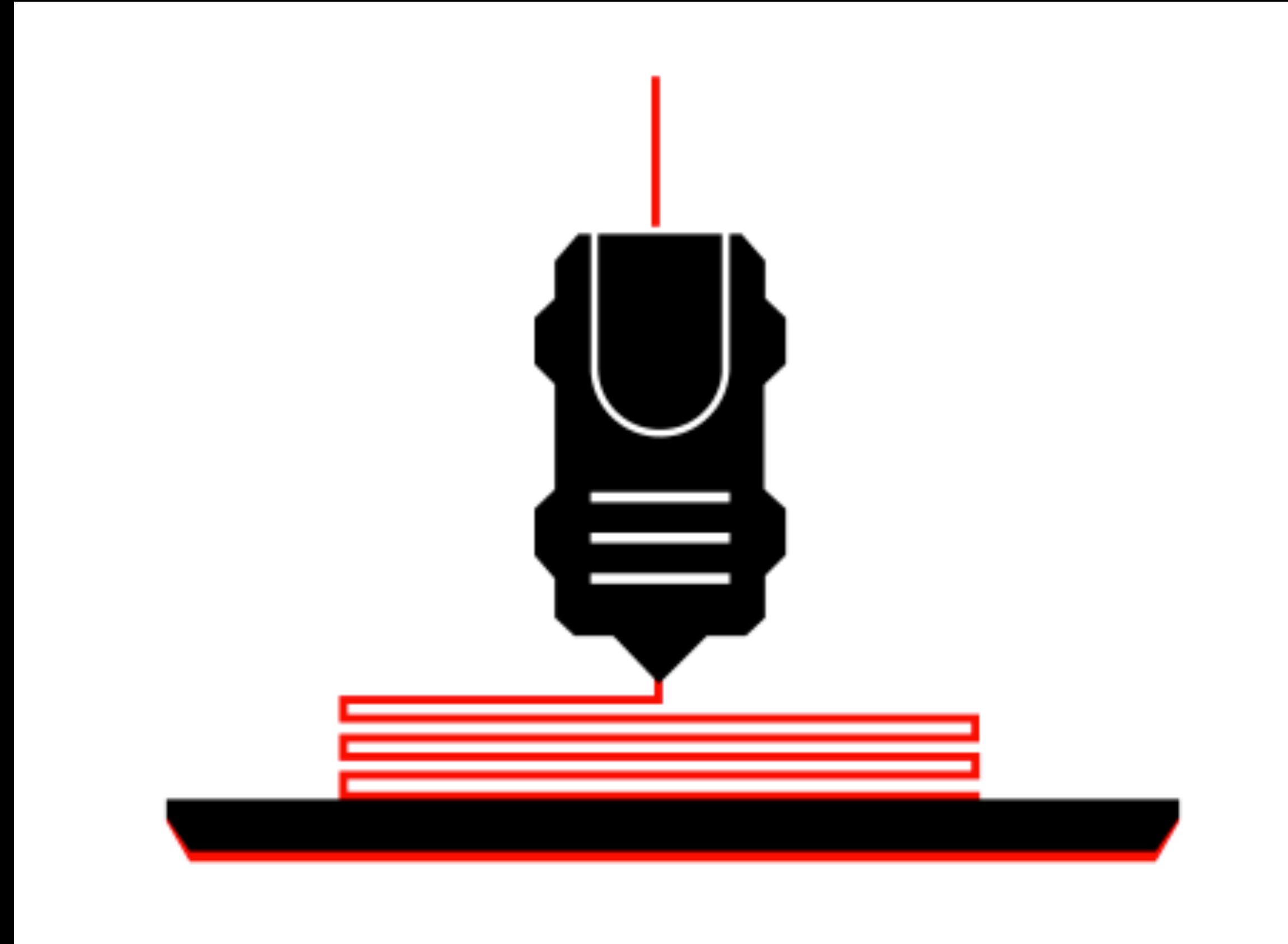
MakerBot Print is free software that optimizes and streamlines the 3D printing process for any workflow. It allows you to discover, prepare, manage, and share 3D prints.

Download v2.6

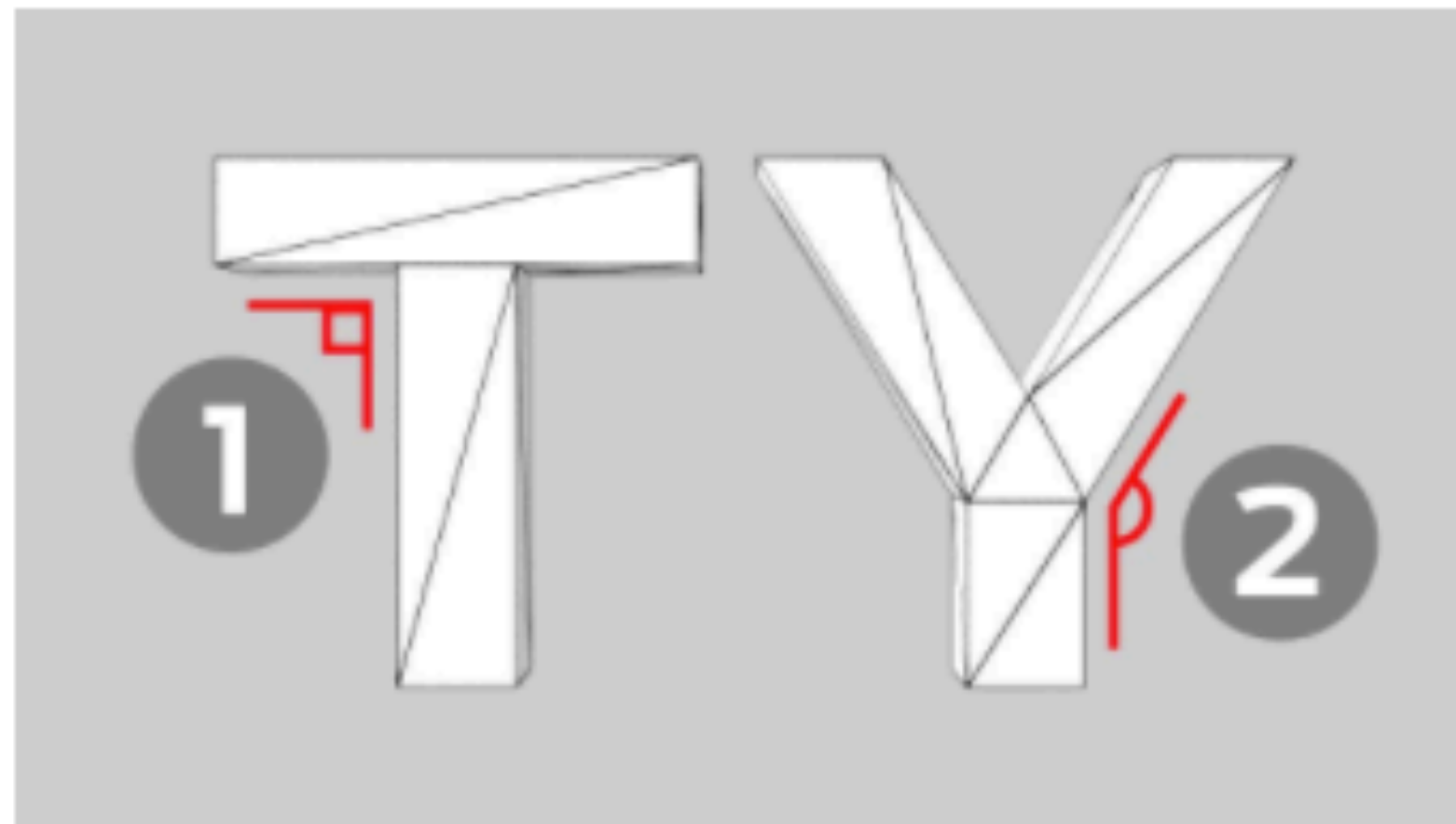




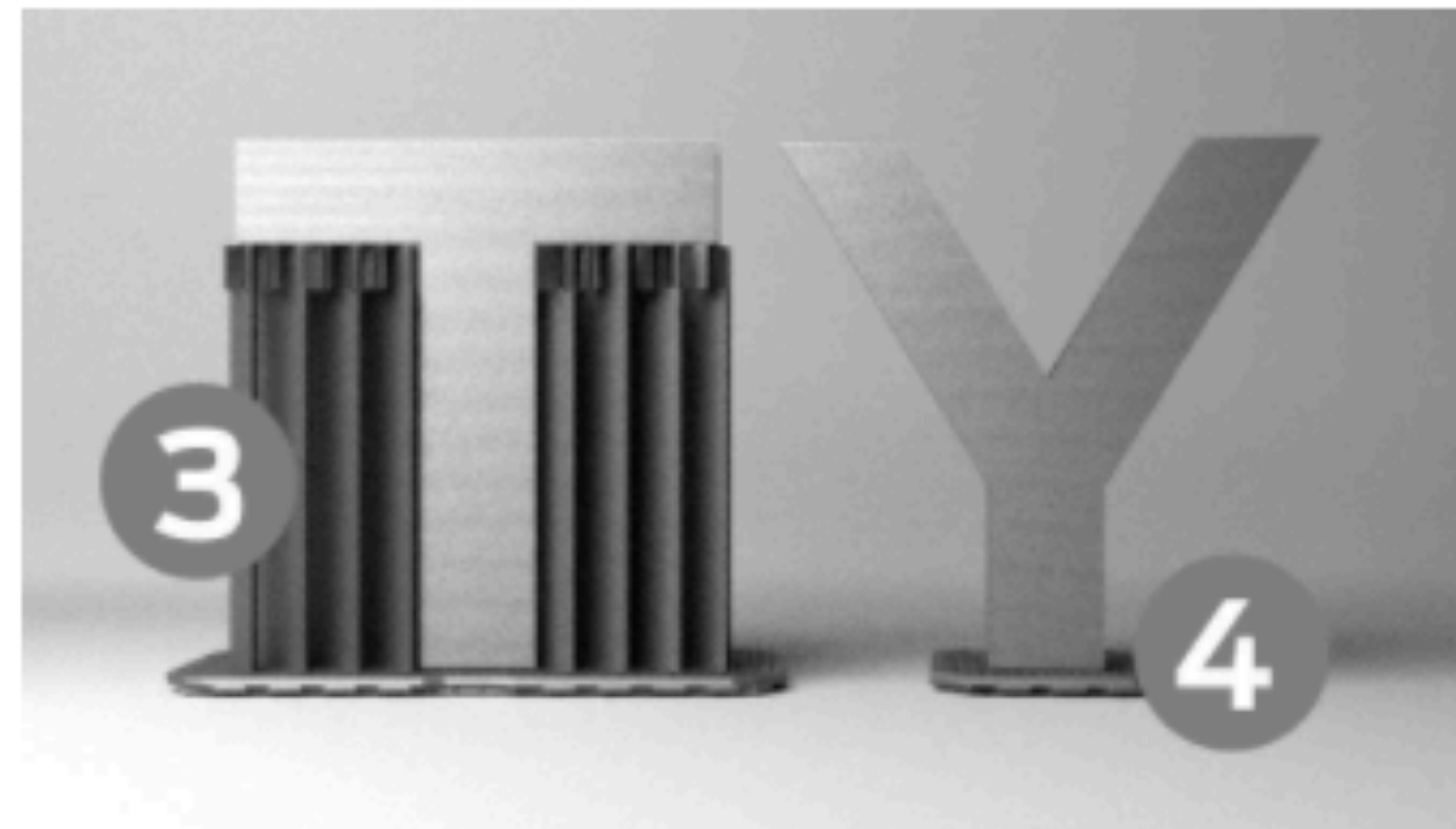
FDM - FUSED DEPOSITION MODELING (IMPRESSÃO POR EXTRUSÃO)



BASE E SUPORTES



OVERHANGS



RAFTS | SUPPORTS



5

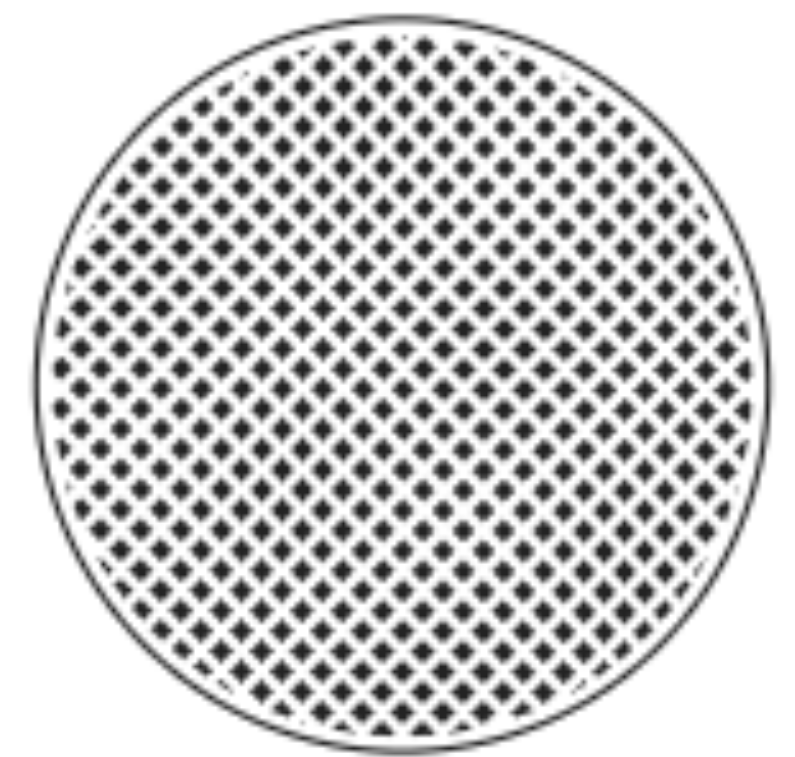
INFILL (PREENCHIMENTO INTERNO)



0% infill



10% infill



40% infill

SHELL

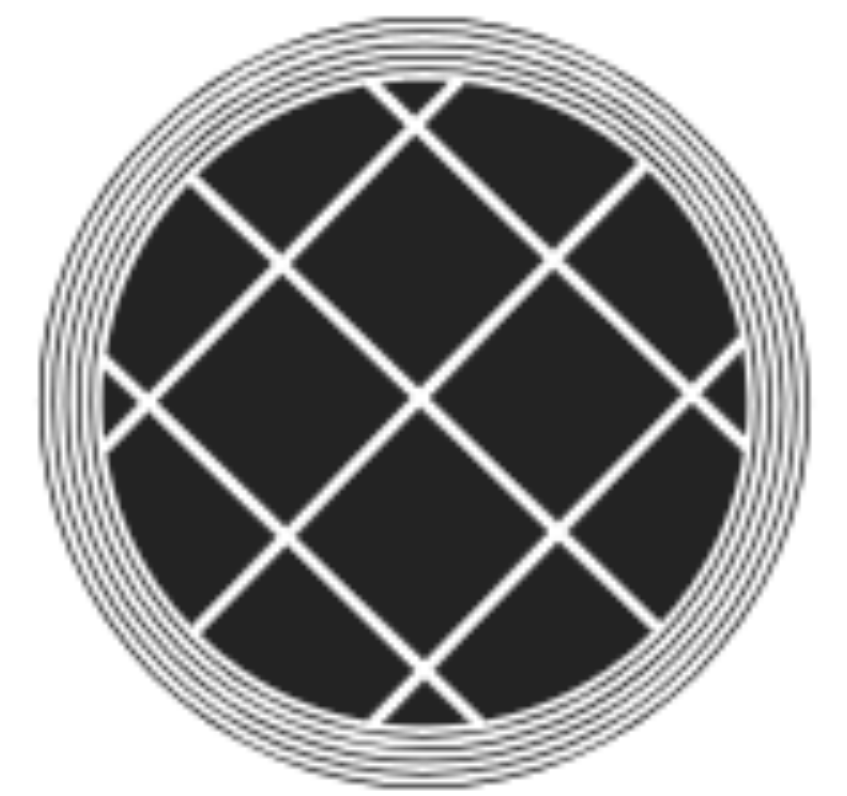
(CASCA OU CAMADAS EXTERNAS)



1 Shell



2 Shells



5 Shells

LAYER HEIGHT (ALTURA DA CAMADA | RESOLUÇÃO)



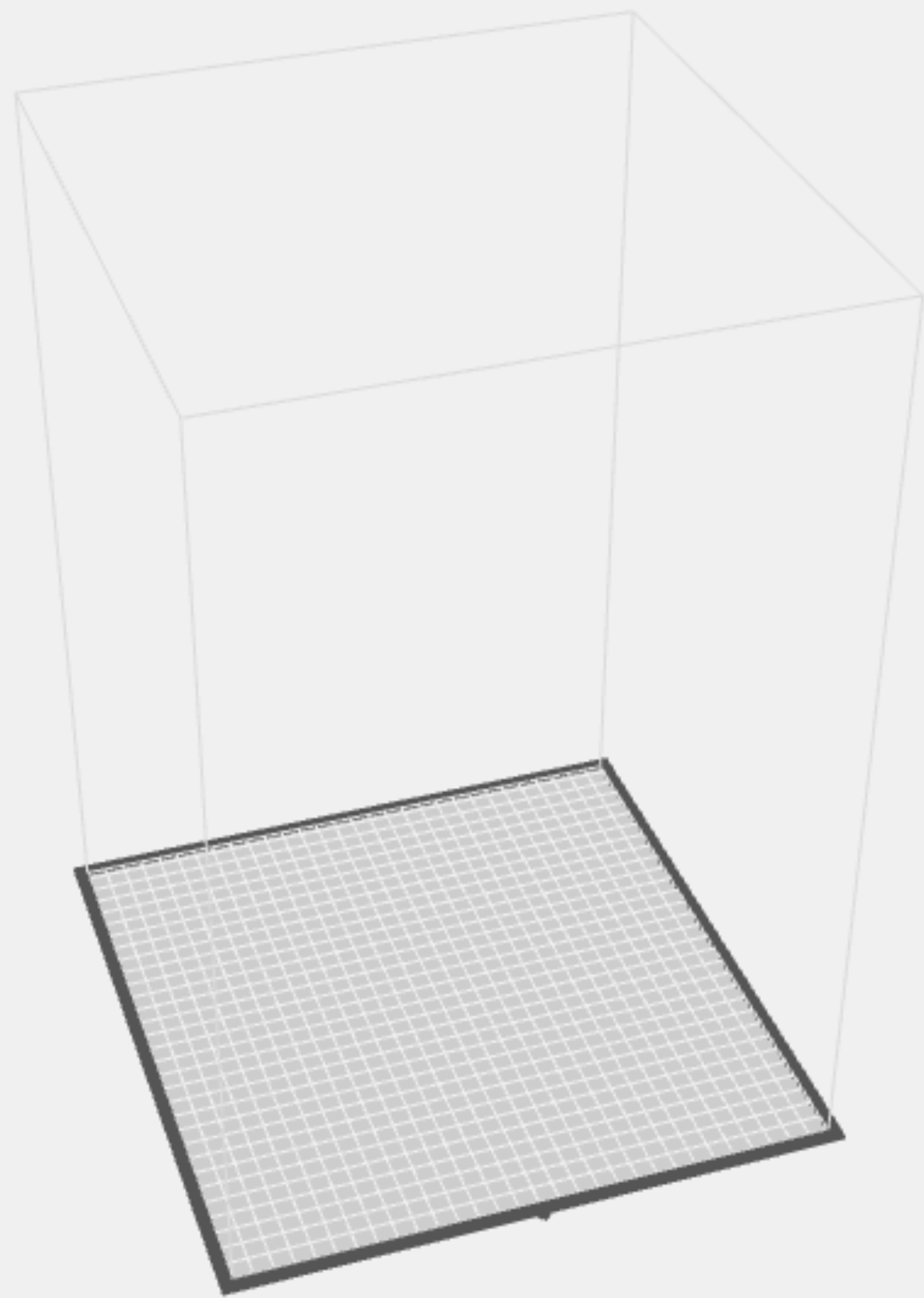
Low 0.3mm (300 microns)



Standard 0.2mm (200 microns)



High 0.1mm (100 microns)



Model Info

Select a Model

Units:

Select... ▾

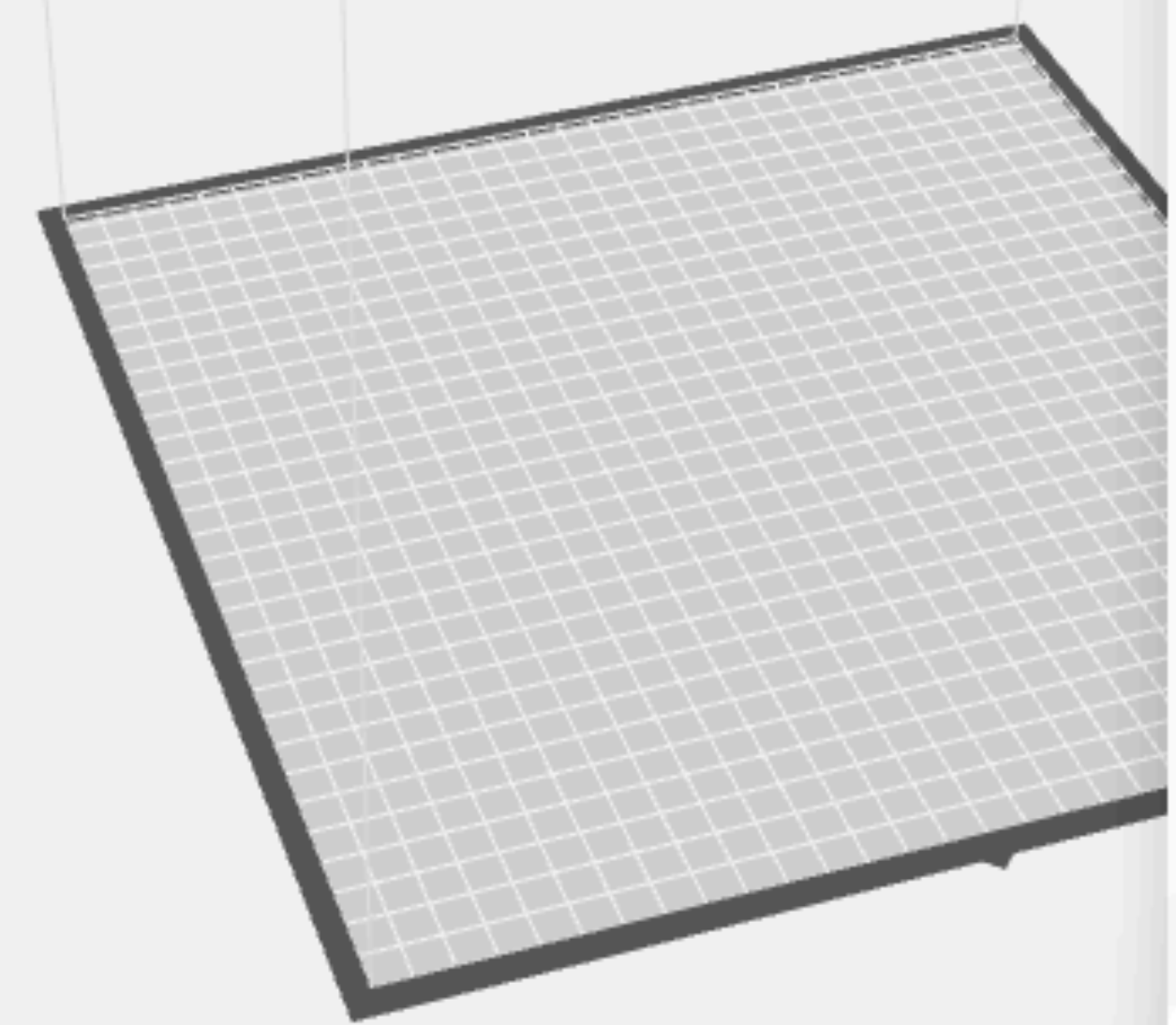
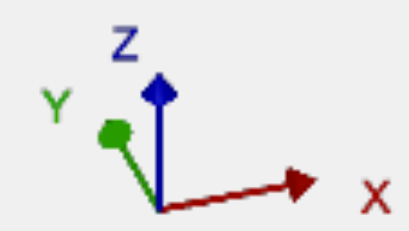


Replicator Z18 • Offline



Export





Printers

Add a Printer

^ A-Z



Replicator Z18
Export Only



Replicator Z18 • Offline

Export



New Project

+ Add Models

Assemble

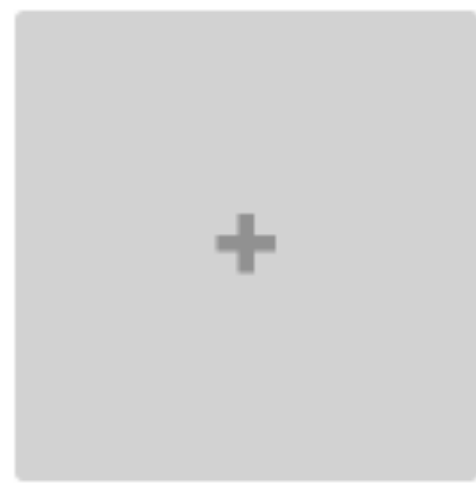


Add Models

Build Plates



1-New Build Plate



Replicator Z18 • Offline



Export





New Project

+ Add Models

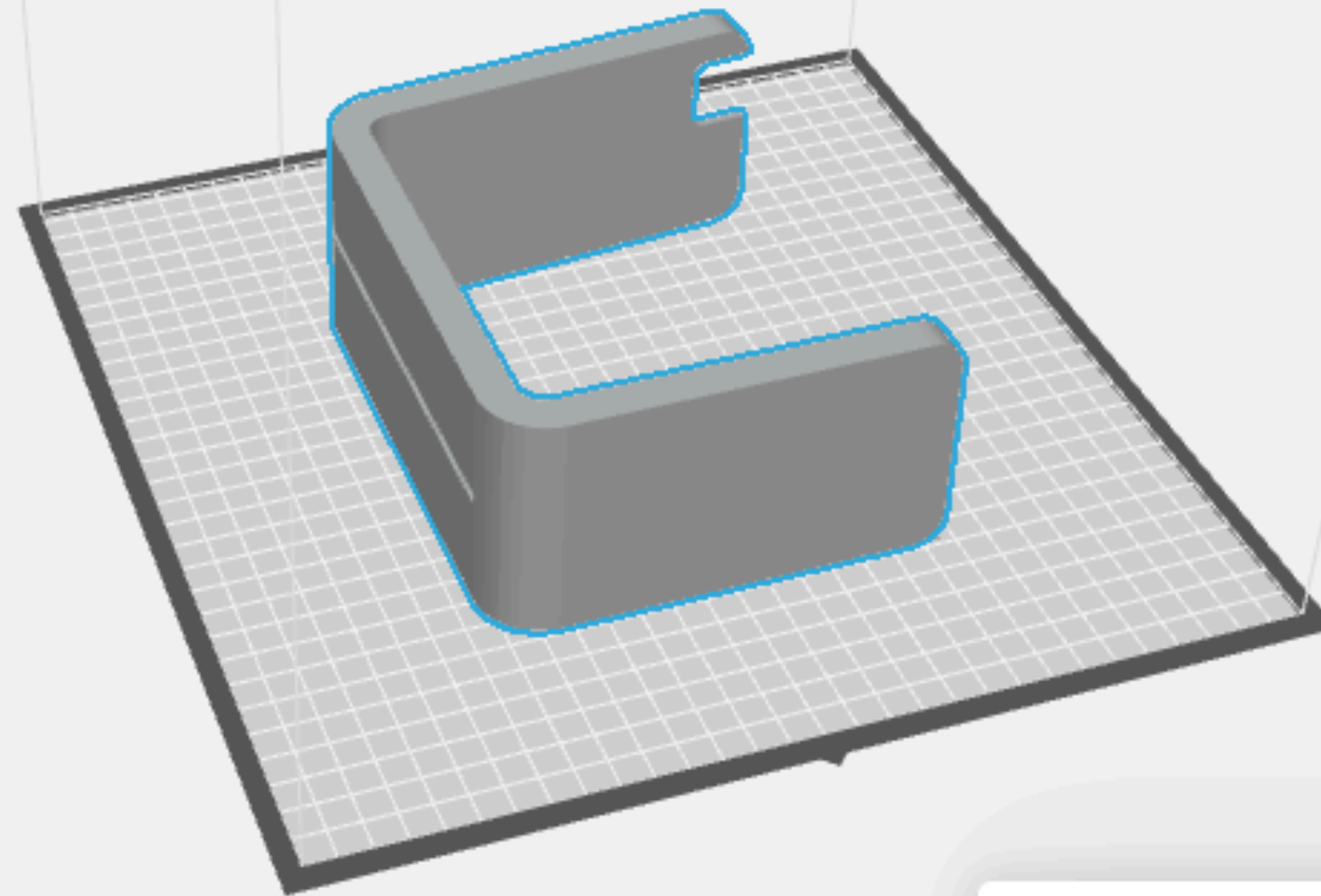
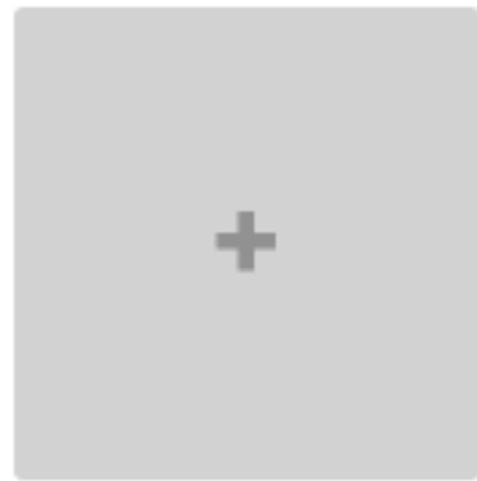
Assemble

lampmobil.STL

Build Plates



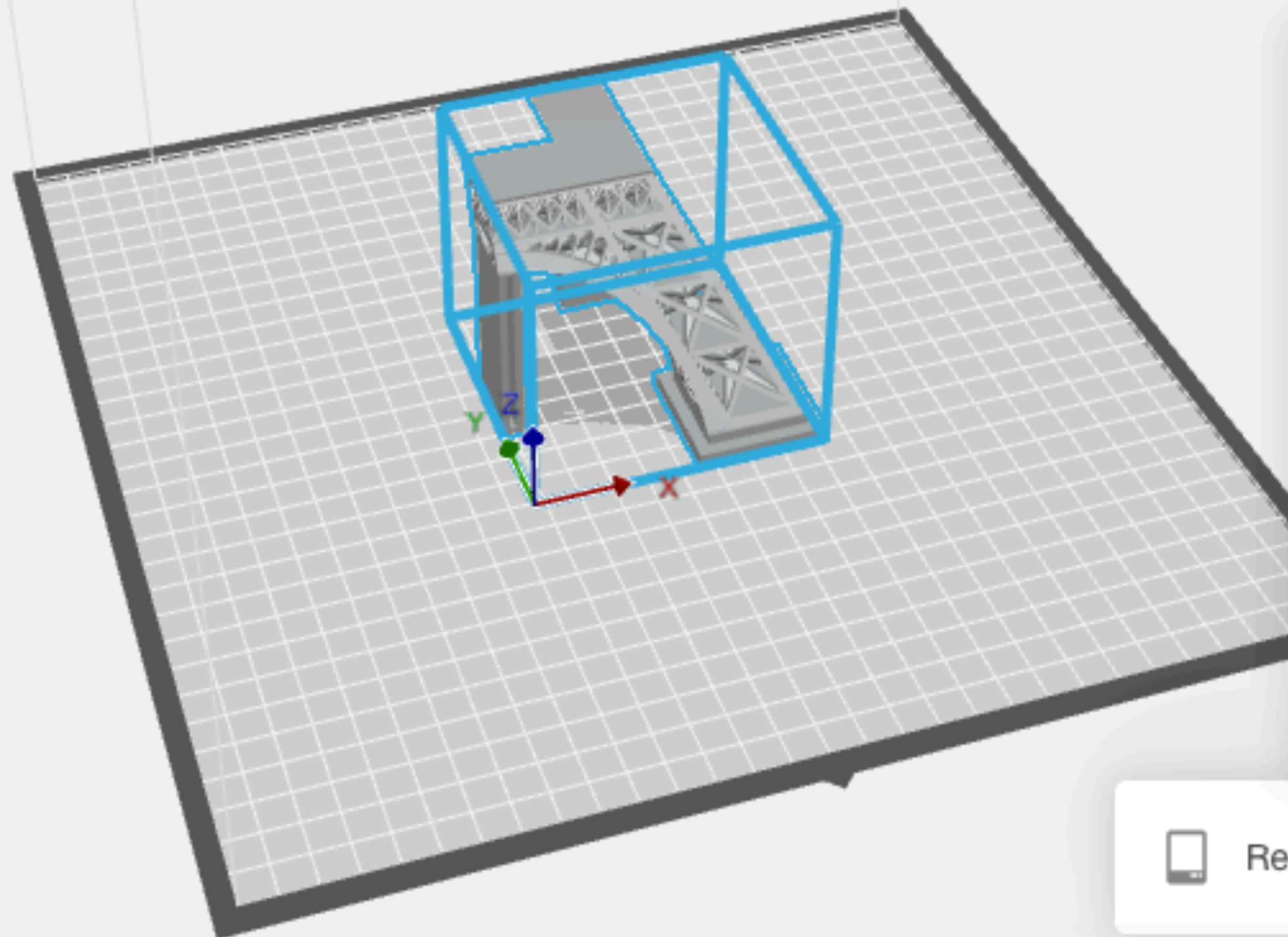
1-lampmobil



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Export



Scale

1 of 1 models selected on this build plate

Uniform Scaling

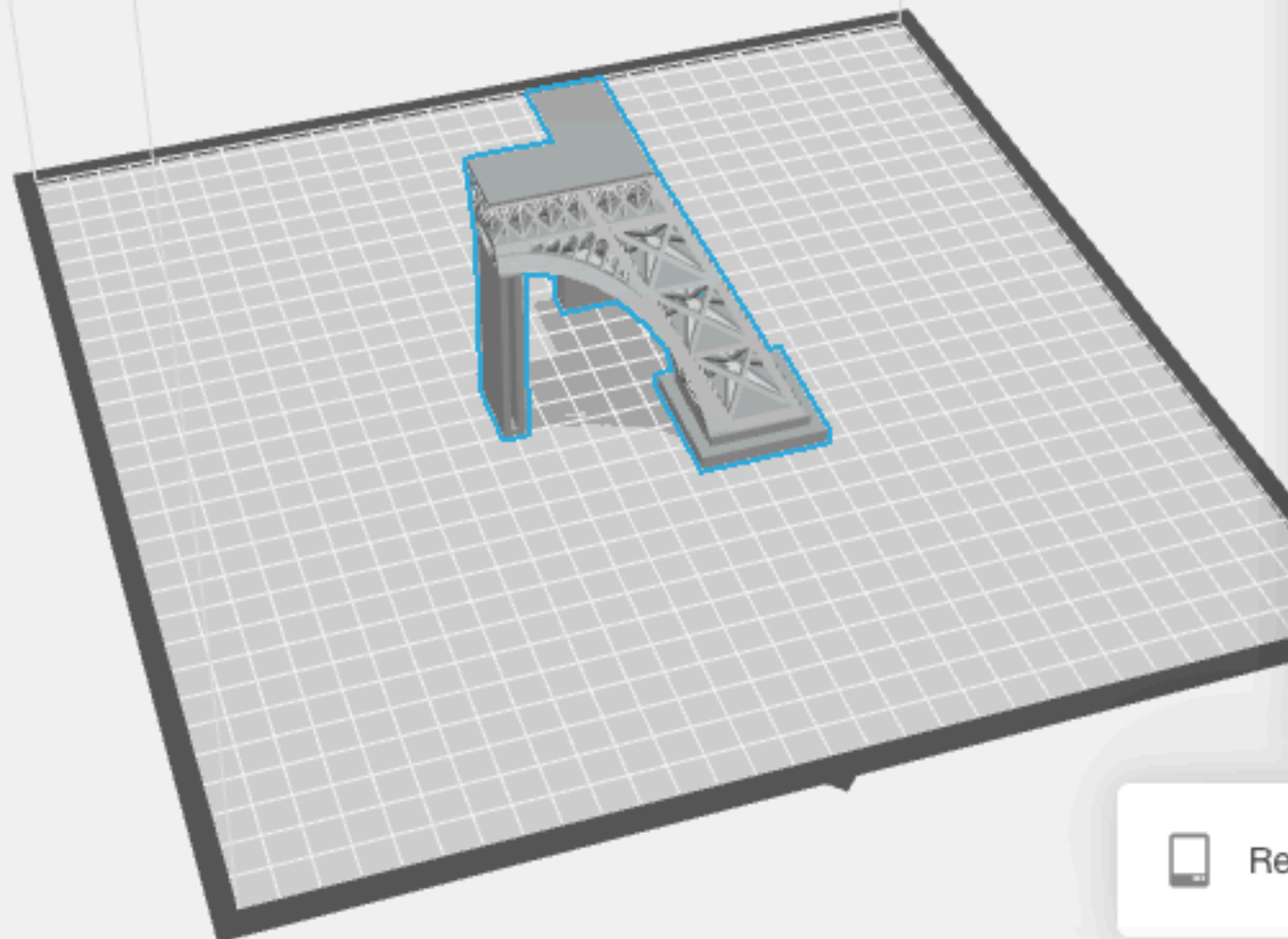
	%	mm
X:	<input type="text" value="100"/>	<input type="text" value="86.232"/>
Y:	<input type="text" value="100"/>	<input type="text" value="86.234"/>
Z:	<input type="text" value="100"/>	<input type="text" value="76.432"/>



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Orient

1 of 1 models selected on this build plate

X:	<input type="checkbox"/>	- 90°	+ 90°
Y:	<input type="checkbox"/>	- 90°	+ 90°
Z:	<input type="checkbox"/>	- 90°	+ 90°

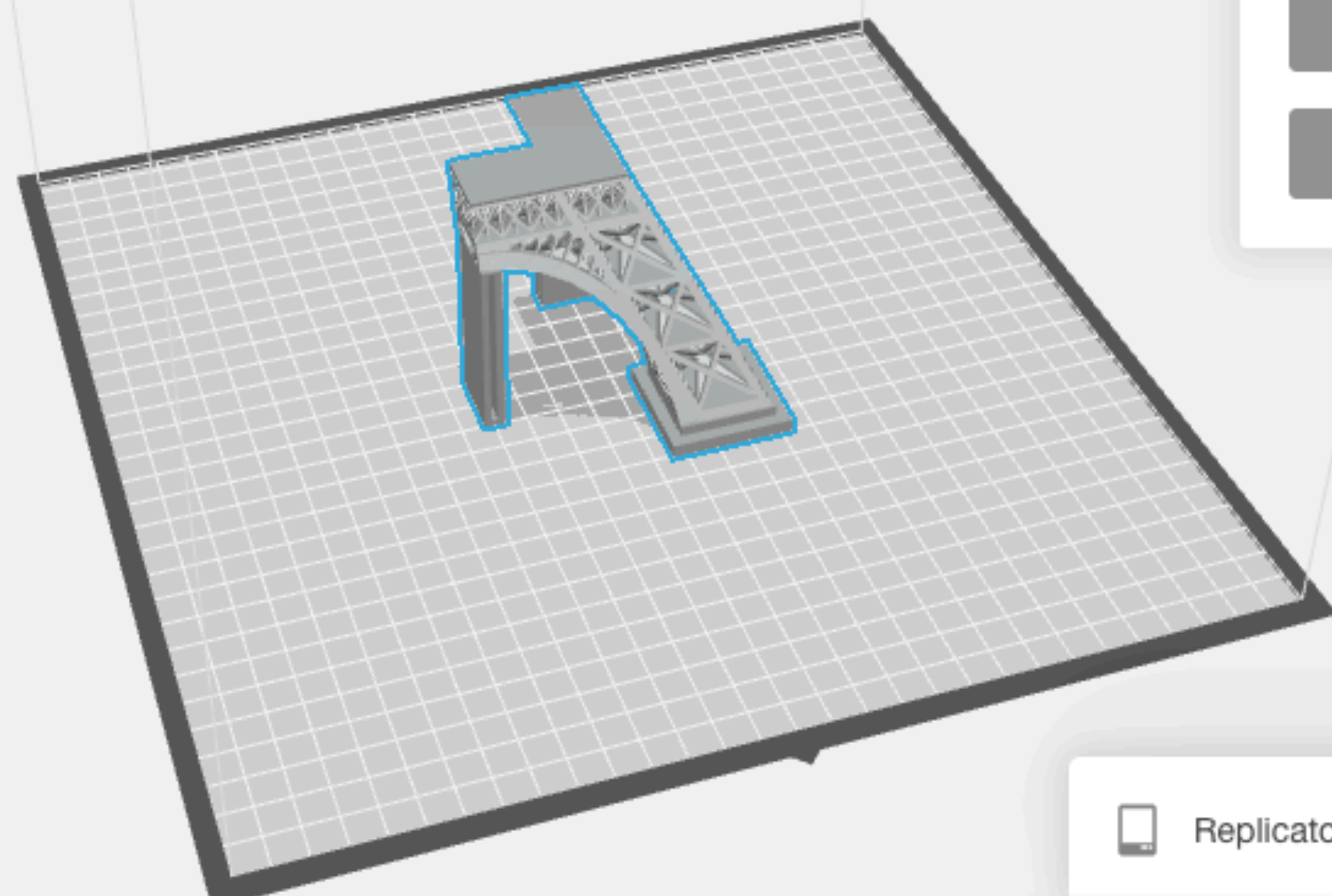
Place Face on Build Plates



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Export



Arrange

Arrange Build Plate

Arrange Project

Replicator Z18 • Offline

Export



