

Clearance and Tolerance 3D Printer Gauge by Angus Deveson (/)

Maker's Muse (/)



## Clearance and Tolerance 3D Printer Gauge

\$1.99

This gauge tests your 3D Printers ability to resolve small clearances between parts. It is a valuable tool for determining what you need to use in your designs to create moving parts without them fusing together. It features gaps from 0.15mm to 0.5mm with a center spinner at 0.4mm clearance. Clearances are between surfaces - for example the 0.5mm will have 1mm of play (assuming perfect tolerance, of course!) Use a...

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It features gaps from 0.15mm to 0.5mm with a center spinner at 0.4mm clearance. Clearances are between surfaces - for example the 0.5mm will have 1mm of play (assuming perfect tolerance, of course!) Use a flat head screwdriver to release stuck parts, if they will release at all.

How accurate is your 3D Printer? Share your results on twitter @makersmuse!

Thank you for supporting independent 3D Printing education on YouTube.  
Happy Printing!

Angus Deveson - Maker's Muse

3D Printing Recommendations (FDM):

0.15mm layer height recommended

3 perimeters with a minimum of 3 bottom and 3 top layers.

PLA with good cooling will resolve the highest detail

NO support material


NO brim

Skirt recommended to prime the nozzle


RAFT optional. If you are having trouble with elephant foot / welding on the first few layers and cannot fine tune your bed level and first layer height accurately a raft can help even out the surface before the print begins.

NOTE: Some slicers may indicate the model has errors due tight geometry around the text areas. Don't worry, the model will slice and print fine!

## What's included?

 1 file

## Contents

 Makers Muse Clearance and Tolerance Gauge.STL

4.25 MB

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