



eStep Calibration filament guide



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Summary

This guide is 120mm long with guides every 10mm. This way you can keep the filament straight while measuring your...

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This guide is 120mm long with guides every 10mm. This way you can keep the filament straight while measuring your filament. Get a piece of filament around 500mm, Stick it in your heated extruder and prime the nozzle. Use this guide to measure 120mm from the extruder arm. Mark it with a sharpie on the outermost end of the guide while tight against the extruder arm.

preheat your nozzle.

run gcode:

```
m92 e100
```

This will make the math easier.

Extrude 100mm.

Measure the space between your sharpie mark and the extruder arm.

Take that number and subtract it from 120 for the amount extruded.

solve $10000/\text{amount extruded} = \text{new estep value}$.

run gcode:

m92 e****(new estep value)

m500 (this will save it to the motherboard)

Have a self-congratulatory beer, bowl, nacho, whatever your thing is.

Print Settings

Rafts:

No

Supports:

No

Infill:

10

Category: 3D Printer Accessories

Model files



extrusion_test_guide.stl

[Find source .stl files on Thingiverse.com](#)

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