



Prusa Mini Z Axis Bottom redesign

T Tom Wilkie

[VIEW IN BROWSER](#)

updated 26. 5. 2020 | published 26. 5. 2020

Summary

A redesign of the Prusa Mini Z Axis: Remove the integrated electronics box; want to print it separately so can more...

[3D Printers](#) > [3D Printers - Upgrades](#)

Tags: [prusamini](#)

A redesign of the Prusa Mini Z Axis:

- Remove the integrated electronics box; want to print it separately so can more easily adapt to new electronics
- Remove the need for the metal plate at the base of the Z axis, replacing it with a single piece of plastic. I've found it to be strong enough so far.
- Use a 3D printed T Nut for the 3030 extrusion - I couldn't get metal ones quickly.
- Two machine screws on the top of the extrusion instead of one.

Model files



z-bottom.stl



t-nut.stl

License ©

This work is licensed under a
[Creative Commons \(International License\)](#)



Public Domain

-
- ✓ | Sharing without ATTRIBUTION
 - ✓ | Remix Culture allowed
 - ✓ | Commercial Use
 - ✓ | Free Cultural Works
 - ✓ | Meets Open Definition