



KUSBA Mount for Micro Swiss NG Extruder



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Summary

Mount for the Klipper USB Accelerometer board compatible for MicroSwiss NG extruder. Remix of Koop's design.

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This is a remix of Koop's design of the Mount for the **Klipper USB Accelerometer** board compatible with MicroSwiss NG extruder. As the original, this remix is compatible with KUSBA v2.3 and v2.4.

I changed the design to insert M3 nuts during printing instead of using threaded inserts for the KUSB pcb and the extruder backplate. To hold the pcb I used M3x5 bolts and for the backplate I replaced the black bolt that came with the extruder with an M3x12 bolt.

Printed and installed on an Ender 3 Pro.

Print instructions

Layer height: 0.2mm

It requires 2 pauses to insert the M3 nuts, the first one at layer 24 (4.8mm) for the 2 horizontal nuts and the second one at layer 58 (11.6mm) for the vertical nut. See attached images.

I used nuts 2.4mm thick. The placeholder have a tolerance of ~.4mm, it will depend on the printer.

To avoid collisions between the nozzle and the vertical nut after it's inserted I set the following printer settings in PrusaSlicer:

Retraction

Length:	 •	<input type="text" value="1"/>	mm (zero to disable)			
Lift Z:	 	<input type="text" value="2"/>	mm			
Only lift Z:	Above Z:	 	<input type="text" value="11.4"/> mm	Below Z:	 	<input type="text" value="12.8"/> mm

This remix is based on



KUSBA Mount for Micro Swiss NG Extruder
by Koops

Model files



kusba-mount.3mf

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