



# Original Prusa Mini USB Extension



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## Summary

Print this USB-Extension Bracket for the Original Prusa Mini relocate the USB A port to the front of the Z-axis.



2.91 hrs



4 pcs



0.10 mm



0.40 mm



PLA



15 g



Prusa MINI /  
MINI+

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Print this USB-Extension Bracket for the Original Prusa Mini relocate the USB A port to the front of the Z-axis.

This model works with the Delock Extension cable EASY-USB 2.0 Type-A male angled up / down ([Delock Cable EASY USB 2.0 A Upstairs/Downstairs Angled S : Amazon.de: Computer & Accessories](#))

Ready to print files for Original Prusa Mini /Mini+ in PLA and with 0.1mm Layer height are provided.

## Additional materials needed

- 2 x M3 insert or M3 nut ([DESON Threaded Insert M3 Insert Nut Embedded Knurled Nut Brass Embedded Nuts Round Nuts for Plastic Parts 3D Printed Parts by Ultrasonic Warm Embedding \(M3\) Pack of 50 : Amazon.de: DIY & Tools](#))
- 2 x M3 bolt (6 to 8mm long if inserts used and 10mm long if embedded nuts are used)
- 2 x 9mm washer
- 1 x USB extension cable ([Delock Cable EASY USB 2.0 A Upstairs/ Downstairs Angled S : Amazon.de: Computer & Accessories](#))

## Print tips

Ready to print files for Original Prusa Mini /Mini+ in PLA and with 0.1mm Layer height are provided.

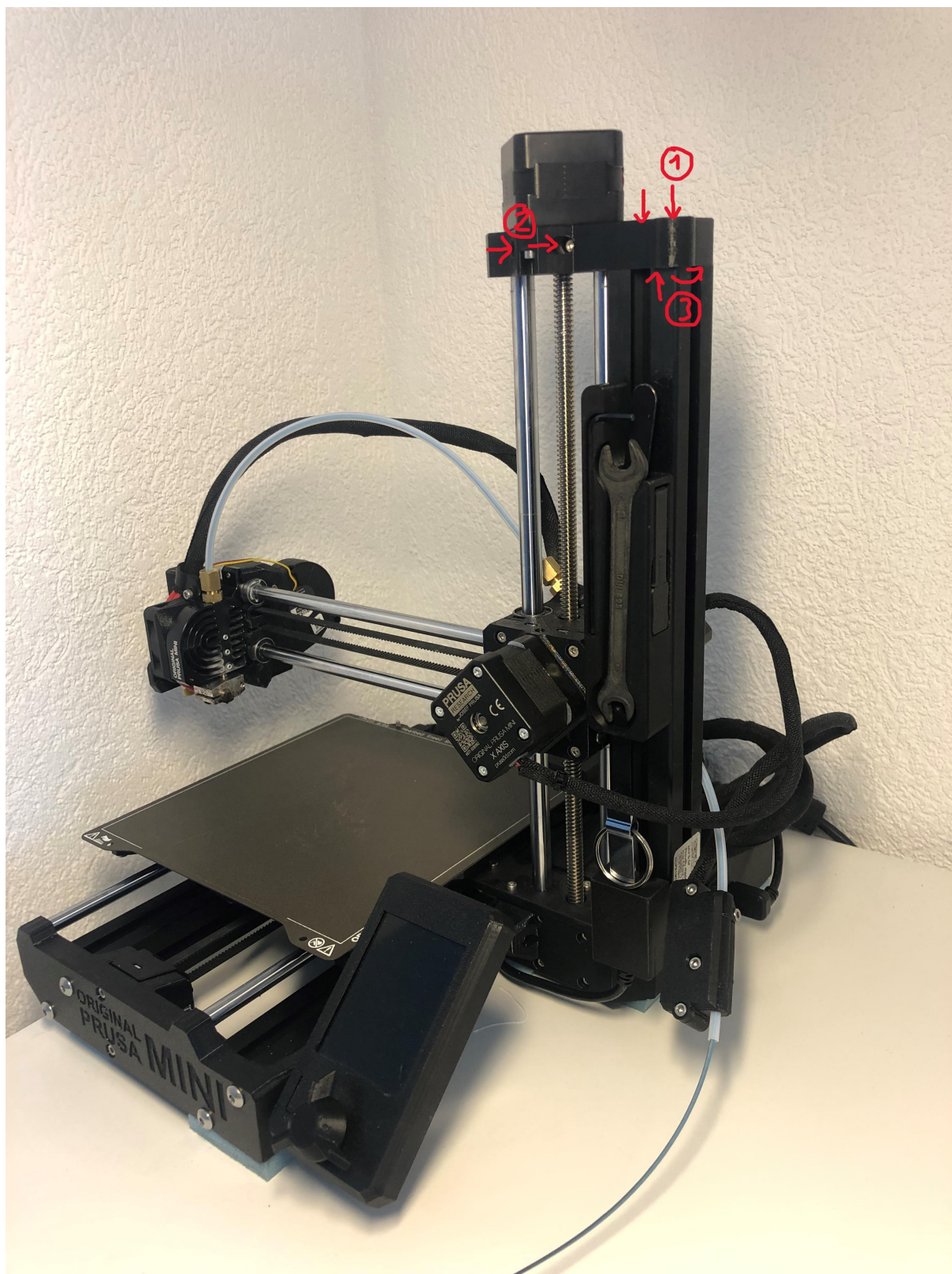
You only need to print one T-Slot Fastener. Choose whether you want to use threaded inserts or embedded nuts.

### T-Slot Fastener with embedded Nuts

To embed the nuts, use a material change at layer height 5.1mm to insert the two nuts.

## Mounting to the printer

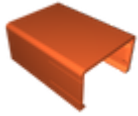
1. Undo the two bolts securing the Z-axis motor assembly to the aluminium extrusion.
2. Undo the two bolts securing the two guiding rods to the motor bracket.
3. Lift the motor bracket off the guiding rods and rotate it out of the way, so the T-Slot Fasteners can be inserted into the aluminium profile. Be carefull to not stress the motor cables on the back of the Z-axis.
4. Redo all the bolts and mount the Tool Holder to the T-Slot Fasteners.



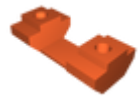
## Model files



**usb-extension-bracket.stl**



**usb-extension-cover.stl**



**t-slot-fastener-with-inserts.stl**



**t-slot-fastener-with-embedded-nuts.stl**

## Print files



**usb-extension-bracket\_01mm\_pla\_mini\_1h24m.gcode**

🌀 PLA 🌀 0.40 mm ≡ 0.10 mm ⌚ 1.40 hrs ⚖️ 8 g 🖨️ Prusa MINI / MINI+



**usb-extension-cover\_01mm\_pla\_mini\_58m.gcode**

🌀 PLA 🌀 0.40 mm ≡ 0.10 mm ⌚ 0.97 hrs ⚖️ 5 g 🖨️ Prusa MINI / MINI+



**t-slot-fastener-with-inserts\_01mm\_pla\_mini\_33m.gcode**

🌀 PLA 🌀 0.40 mm ≡ 0.10 mm ⌚ 0.54 hrs ⚖️ 2 g 🖨️ Prusa MINI / MINI+



**t-slot-fastener-with-embedded-nuts\_01mm\_pla\_min.gcode**

🌀 PLA 🌀 0.40 mm ≡ 0.10 mm ⌚ 0.60 hrs ⚖️ 2 g 🖨️ Prusa MINI / MINI+

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