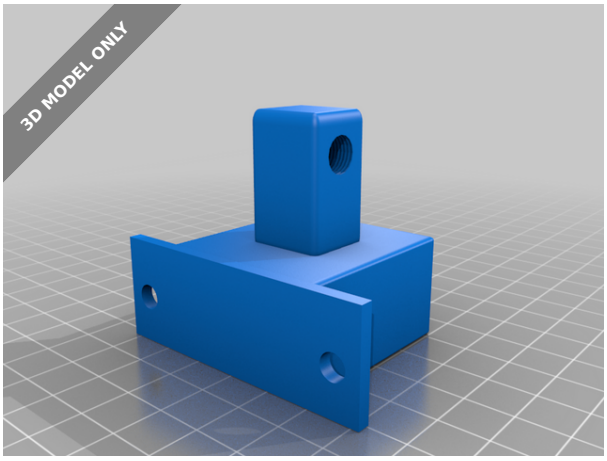

Ender 6 Filament Guide for BTT Smart Sensor

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VIEW IN BROWSER

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Summary

This was made after fitting a direct driver extruder and BTT Smart Sensor to the Ender-6. I needed a way to hold the...

3D Printers > Accessories

This was made after fitting a direct driver extruder and BTT Smart Sensor to the Ender-6. I needed a way to hold the PTFE tube to take the Filament under the cover and to the extruder. I could not find any suitable ones that protruded far enough to line up with the BTT smart sensor.

I modeled this scratch using the original bracket and stepper as a guide, then added a place for a PTFE connector that lined up with the BTT Smart sensor. The model has a built-in M10 thread to be able to easily screw a M10 PTFE connector into it, the thread has been made slightly tight which I felt was better than it being loose, but it's easy to put in, and tighten.

the underneath has a cone shape cut out to guide the filament easily into the hole. The hold is made slightly smaller than the average PTFE connector hole so it is easily located and pushes through.

Print Settings

Printer:

Ender-6

Rafts:

No

Supports:

No

Resolution:

0.2mm

Infill:

20%

Filament:

Overture PLA

Black

Notes:

The model is oriented in a way you will not need any supports and it mounts with the original screws from the old stepper bracket.

Category: 3D Printer Accessories

Model files

ender6_filament_guide_253615.stl

Find source .stl files on Thingiverse.com

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