



PRUSA Mk3 Filament Guide



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Summary

The Prusa MK3 has some pretty narrow tolerances for clearance with things that are mounted directly to the frame and...

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The Prusa MK3 has some pretty narrow tolerances for clearance with things that are mounted directly to the frame and the extruder carriage.

I designed this to allow for max printing height without the print carriage running in to the filament guide. It will also prevent potential issues during calibrations. I also have remixed spool holder brackets for the Mk3 available in my designs.

Update 5/07/19: Based on feedback I've changed some angles giving additional clearance for things like the filament sensor while still remaining compatible with the spool holder. I've also added a closed loop for those that want it. I'll leave the old files as well in case anyone wants them. I also added a 2 piece version with a larger hole for those that might want it. If there are any issues with any of them let me know.

Print instructions

All files designed to be printed with no supports. I would use 2-3 perimeters and 15-20% infill.

Model files



v3_filament_guide_additional_clearance.stl



v3_filament_guide_additional_clearance_closed.stl



v25_redesigned_filament_guide.stl



v4_filament_guide_body_piece.stl



v25_closed_guide.stl



v4_filament_guide_open_hole_attachment.stl



v4_filament_guide_closed_hole_attachment.stl

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