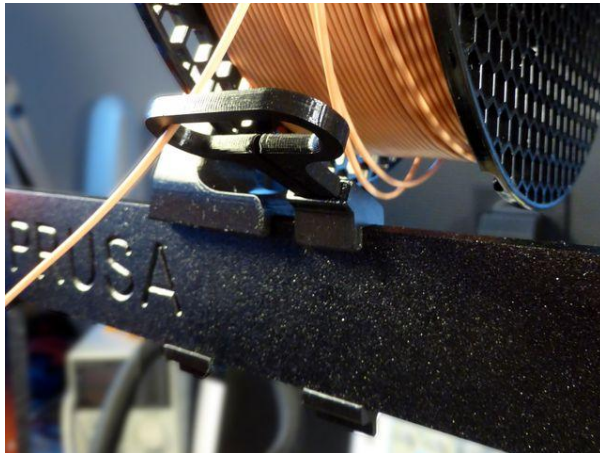




Prusa i3 MK Filament Guide ClipOn



Area51

[VIEW IN BROWSER](#)

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Summary

The Prusa i3 kit comes without a filament guide - this is a problem when using stiffer filaments on small spools.



0.73 hrs



1 pcs



0.20 mm



0.40 mm



PET



6 g



Prusa
MK3/S/S+

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[originalprusamk3](#)

The Prusa i3 kit comes without a filament guide - this is a problem when using stiffer filaments on small spools. The filament tend to unwind and get stuck when printing.

This filament guide is a two part solution, a base with a new **ClipOn design** to lock the guide to the Prusa frame and an interchangeable filament guide (loop).

The ClipOn Holder (base) it is securely locked to the aluminum frame, but still easy to re-position.

The loop has a friction fit into the holder that closes the filament loading slot and prevents the filament from escaping the loop when printing.

Selecting models:

- Select a ClipOn Holder with or without filament store hole.
- Select a Loop size and if it should have filament slot.

I often forget to put the filament through the loop when loading, the solution is the guide with filament slot.

If the holder has a loose fit, scaling it to 99% of original size should give a more tight fit.

Let me know in the comments if you have ideas or changes to the design.

See also:

[Prusa i3 MK Filament Guide Dust Cleaner for ClipOn base](#) to use with the same holder.

>> Please leave a like and make me happy... :) Thank you!

Print instructions

Print with PLA, ABS, PET-G or similar.

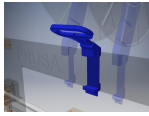
2 perimeters, 3 top and 2 bottom layers 30% infill.

Gcode file is for printing one holder and large loop in Devil Design PETG (MK2/S, MK2.5/S, MK3/S, MK3S+).

Post printing:

The loop should fit into the base, but you may need to smooth the loop guide surface with a knife or sand paper to get an easy friction fit into the base.

This remix is based on



Prusa i3 MK2/S/3 Filament Guide ClipOn

by Area51

Model files



Frame ClipOn Holders

2 files



filament-guide-clip-angle.stl

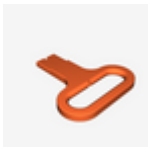


filament-guide-clip-angle-filament-store.stl



Open Loop Filament Guides

2 files



filament-guide-loop.stl

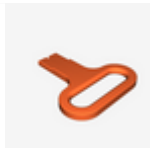


filament-guide-small-loop.stl



Closed Loop Filament Guides

2 files



filament-guide-loop-closed.stl



filament-guide-small-loop-closed.stl

Print files



pet-filament-guide-loop.gcode

⚙ PET ⚙ 0.40 mm ⚙ 0.20 mm ⌚ 0.73 hrs ⚖ 6 g

[Find source .stl files on Thingiverse.com](#)

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