



Filament guide with bearings for Sovol SV07 Plus

 JustinL42

[VIEW IN BROWSER](#)

updated 11. 7. 2024 | published 11. 7. 2024

Summary

A filament guide I designed for my SV07 plus

[3D Printers](#) > [Other Printer Parts & Upgrades](#)

I designed this as a filament guide for the Sovol SV07 Plus printer. The hole in the top friction fits pftc tube and then the filament exits the bottom and the bearings keep the filament pulling straight down. The filament exits directly over the extruder now further reducing any angles and friction points. I printed in Esun semi translucent purple petg. Everything should print in the orientation saved in the files.

Model files



filament-guide-with-bearings-main.stl

☐ Print with supports in orientation shown



filament-guide-bearing-wheel.stl

☐ Print two of these no supports. These fit 608rs Bearing size



bearing-wheel-retainer-washers.stl

☐ These washers go on just before the bearing wheel retainer.



bearing-wheel-retainer.stl

☐ Print as oriented with supports. The holes are sized to self thread an m3 12mm bolt.

License ©



This work is licensed under a
[Creative Commons \(4.0 International License\)](#)

Attribution—Noncommercial—Share Alike

- ✗ | Sharing without ATTRIBUTION
- ✓ | Remix Culture allowed
- ✗ | Commercial Use
- ✗ | Free Cultural Works
- ✗ | Meets Open Definition