



## Ratrig Vcore internal Spool Holder & Filament Path (300mm, 400mm, 500mm)



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### Summary

Spool holder and reverse bowden for the new enclosure 2.0, the factory suggested routing is a bit silly

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Internal spool holder can fit spool up to thickness of 80mm.

Two version, 2 piece version with the swapable cap to enable fitment of thicker spool or different size spool hole. Attached via m3 heat sets.

Reverse bowden holder is attached to the rail with a hole drilled in the extrusion for passthrough. Uses generic m10 bowden tube holder that can be found on amazon

Both the spool holder and tube holder are attached to the frame via m6x12mm screw and t-nut used in the ratrig kit.

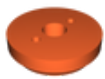
Printed in ASA in 0.2mm layer height.

p.s. the centerhole on the spool holder was added to increase stiffness and/or fit a dowel but its prabably unnecessary, worked fine without it.

Added a New file for 500mm Ratrig

9/6/2023: Added 400mm version (255mm extrusion spacing) Someone let me know if this is the right size.

## Model files



**spool-holder-cap.stl**



**spool-holder-internal-2-piece.stl**



**bowden-tube-holder-top-mount.stl**



**spool-holder-internal-1-piece.stl**



**spool-holder-internal-500mm.stl**



**spool-holder-internal-400mm.stl**

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