



# PRUSA Enclosure Mounted Filament Cutter



RyCoFX

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## Summary

This tool mounts and swivels around a screw hole on the enclosure. It holds an exacto blade inside for the cut.

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[prusaenclosure](#)

This print requires these 3 parts: Square nut, Screw (10mm), X-acto Blade (19)

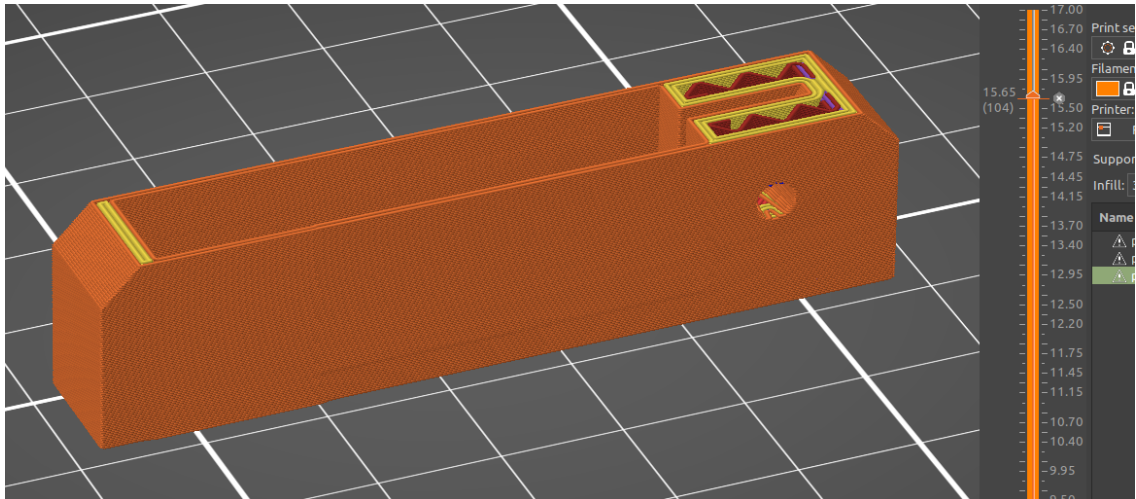


1. First print the blade holder and the blade pin
2. Insert the blade (pay attention to the orientation), blade pin, and the square nut.



3. Print the blade cover, but make sure that the print pauses before it starts the top bridging layer, somewhere around 15.6mm, so you can

insert the assembled blade holder.

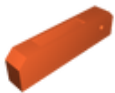


4. Mount it! :D

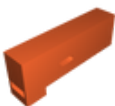
## Model files



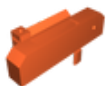
**prusa\_enclosure\_filament\_cutter\_v01\_blade\_pin.stl**



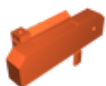
**prusa\_enclosure\_filament\_cutter\_v01\_cover.stl**



**prusa\_enclosure\_filament\_cutter\_v01\_blade\_holder.stl**



**prusa\_enclosure\_filament\_cutter\_v01\_blade\_cover\_w\_p... .3mf**



**prusa\_enclosure\_filament\_cutter\_v01\_blade\_holder.3mf**

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