

## Filament Cutter 60°



kk

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## Summary

Filament Cutter with 60° blade to cut filament with a pointy tip.

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I thought **Pomis** Filament Cutter was really cool but with one of my extruders it is much easier to insert filament if it is cut in with a pointier/sharper tip.

So I remixed the Filament Cutter to cut in a 60° angle.

I uploaded two top parts, one with "60°" engraved and one without. You can decide which one to print to go with the bottom.

Assembly is exactly the same, I also kept the small dot where the tip of the blade needs to go in the top part.

### Assembly instructions (copied from Pomis Filament Cutter):

1. Print both parts (top with or without 60° logo).
2. Take one piece of snap-off blade and put it into upper part. Use some pliers to avoid an injury. There is a small mark near blade pocket which shows you where the tip of the blade should be. Additionally you can use super glue to fix it in position.
3. Put both screws into the holes.
4. Put ball pen springs into the holes.

5. Place the upper part on the main body and press it fully.
6. Tighten the screws. Screw head should be about 1,5 mm inside head holes. If you will tight them too much it will destroy plate at the upper part.
7. Release upper part and check if blade is not visible inside the filament hole. If yes loose the screws little bit.
8. I recommend to put some lubricant inside to keep the mechanism running smoothly.

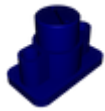
## This remix is based on



### Filament Cutter 45°

by Pomi

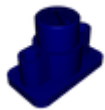
## Model files



filament-cutter-top-60-degree.3mf



filament-cutter-bottom-60-degree.3mf



filament-cutter-top-60-degree-with-logo.3mf

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