



# Chompy, The Filament Shark



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## Summary

Chompy, The Filament Shark cuts the ends of your filament leaving a nice 40o shark bite across the end of the filament.

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Chompy, The Filament Shark cuts the ends of your filament leaving a nice 40o shark bite across the end of the filament. Chompy doesn't leave filament ends everywhere, and has a big stomach for holding many filament ends.

When Chompy is full, just lift the (magnetically latched) fin to let it poop all the waste filament into the bin.

This is a relatively simple print. No support required.

You can see Chompy in action here: <https://www.youtube.com/watch?v=IVJGpDeQzrk>

You need:

2x 10mmØ x 3mm thick magnets

30mm m3 nut and bolt

12-16mm m3 nut

A spring, around 5 - 6.5mm Ø and 15-20mm long.

A 9mm box cutter blade - available from most hardware stores (<https://www.amazon.com/Amazon-Basics-13-Point-Carbon-Blades/dp/B08D9Q796F>)

A dab of superglue in case the blade is a bit thin and doesn't want to stay in place.

## Model files



**chompy\_the-filament-shark.stl**

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