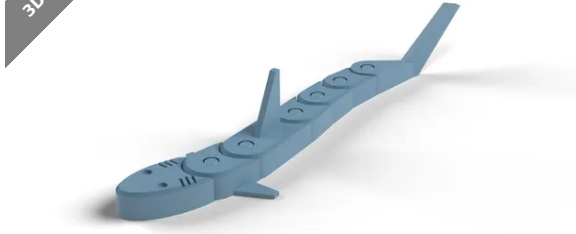


3D MODEL ONLY



Flexi Shark - Print-in-Place Articulated Shark with Dorsal Fin and Tail, No Supports (OpenSCAD)



Arthur Both

[VIEW IN BROWSER](#)

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Summary

An articulated shark that prints in one piece and swims from side to side.

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[shark](#) [nosupports](#)

A shark that prints in one go and wiggles from side to side: pointed snout, eyes, gills, pectoral fins, a tall dorsal fin and a big tail fin. No supports, no assembly.

DETAILS

- 178 mm long, 32 mm tall at the tail.
- Each joint is a double-cone pin captured in a matching socket (the same joint as my Flexi Snake), with 0.65 mm clearance. Print at 0.2 mm layers with the first layer well squished, then work the joints loose.

- Prints with no supports: the fins stand up with edges steeper than 45 degrees. Bambu Studio: 1 h 00, 18 g.

CUSTOMIZE (OpenSCAD)

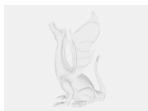
Number of segments, the curve of the printed pose, and joint clearance.

Designed with AI assistance (OpenSCAD). Rendered images; not printed yet.

Model files



flexi-shark.stl



flexi-shark.scad



flexi-shark_h2c.3mf

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