

3D MODEL ONLY



Flexi Crocodile - Print in Place Articulated Alligator Fidget Toy, No Supports (OpenSCAD)



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Summary

An articulated print-in-place crocodile with a toothy snout, armoured back ridges, four legs and a long tail.

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[openscad](#) [alligator](#) [nosupports](#)

A crocodile that prints in one go and slithers straight off the plate: long toothy snout, raised eyes, twin armour ridges down the back, four splayed legs and a long ridged tail. No supports, no assembly, no glue.

DETAILS

- About 213 mm long in its printed curve (around 230 mm straightened out).

- Each joint is a double-cone pin captured in a matching socket, with 0.65 mm clearance. Print at 0.2 mm layers with a well-squished first layer, then bend each joint a few times to free it.
- The legs and teeth lie flat on the bed and the ridges stand up with straight back edges, so nothing overhangs past 45 degrees.
- Bambu Studio: 1 h 2, 21 g. Great in green, silk or dual-colour filament.

CUSTOMIZE (OpenSCAD)

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

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

Model files



flexi-crocodile.scad



flexi-crocodile_h2c.3mf



flexi-crocodile.stl

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