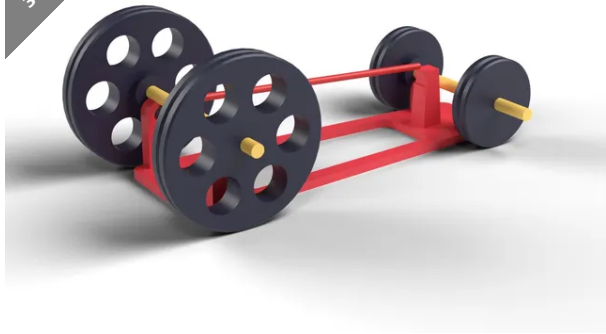


3D MODEL ONLY



Rubber Band Car - STEM Racer Kit, Wind It Up and Let It Go, No Supports (OpenSCAD)



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[VIEW IN BROWSER](#)

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Summary

A rubber band powered racer: chassis, D-shaped axles, four wheels and a hook. Roll it back and let go.

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A classic STEM build: hook a rubber band over the post at the front and the hook on the rear axle, roll the car backwards to wind the band round the axle, put it down and let go. Experiment with band length, wheel size and tyres.

DETAILS

- Chassis 130 x 46 mm, rear wheels 54 mm, front 32 mm. You need one rubber band (about 80 mm long, or a hair band), plus thin bands as tyres for grip.

- The axles are D-shaped and the wheels press onto the D; the axles turn in pointed-top (teardrop) bearings.
- Prints flat with no supports. Bambu Studio: 1 h 36, 36 g.

CUSTOMIZE (OpenSCAD)

Wheel sizes, axle size and bearing clearance.

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

Model files

rubber-band-car_h2c.3mf



rubber-band-car.scad



rubber-band-car.stl



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