

Small Versatile Gearbox



dbefers gaming

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Summary

A 1:4 gearbox that can fit any of your needs with the ability to design your own output and input mechanisms.



19.04 hrs



4 pcs



0.20 mm



0.40 mm



PLA



163 g



Creality
Ender 3

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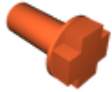
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A simple gearbox with helical gears that create a 1:4 gear ratio. The input and output connectors can be used to create your own applications for the gearbox. The connector is a cross with a thickness of 5mm and a diameter of 15mm. The axle files are labeled accordingly: (starting at 1 bottom up). (left to right).

Model files



axle-32.stl



axle-31.stl



axle-23.stl



axle-22.stl



axle-21.stl



axle-12.stl



axle-11.stl



output-connector.stl



crank.stl



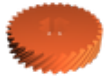
crank-connector.stl



clip.stl



gear-16t.stl



gear-32t.stl

Print files



gearbox-part-3.gcode

⚙️ PLA ⚙️ 0.40 mm ⚙️ 0.20 mm ⌚ 1.98 hrs ⚖️ 14 g 🖨️ Creality Ender 3



gearbox-part-2.gcode

⚙️ PLA ⚙️ 0.40 mm ⚙️ 0.20 mm ⌚ 4.23 hrs ⚖️ 41 g 🖨️ Creality Ender 3



gearbox-full.gcode

⚙️ PLA ⚙️ 0.40 mm ⚙️ 0.20 mm ⌚ 9.83 hrs ⚖️ 85 g 🖨️ Creality Ender 3



gearbox-part-1.gcode

⚙️ PLA ⚙️ 0.40 mm ⚙️ 0.20 mm ⌚ 3.00 hrs ⚖️ 23 g 🖨️ Creality Ender 3

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