



70mm Wheel for Economy Gearbox



MiniSumo

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Summary

Designed to fit the "economy" or "low cost" plastic gear motors and is aimed at Mini-Sumo and small wheeled robots,

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Tags: [wheel](#) [robot](#) [sumobot](#) [minisumo](#)

These wheels are designed to fit the "economy" or "low cost" plastic gear motors and is aimed at Mini-Sumo and small robots with rubber band tyres.

This remix is aimed at the #84 bands and is 70mm diameter to give clearance on a battery box mounted below the gearbox.

Instructions

This wheel was designed on Creo Elements, and printed on a Printbot Simple Metal using Repetier Host with Slicer.

These wheels are sized to fit #84 rubbers bands with a 10% stretch but multiple narrower bands could be used.

It's pictured with a couple of bands overlaid to make up the diameter until we modify our chassis.

The Printrbot equipment was made available by Tanghall Smart Tech Club in York, England.

Category: Robotics

Model files



70mmwheel.stl

[Find source .stl files on Thingiverse.com](#)

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