sparkfun

# Wheel 42x19mm

ROB-08899 ROHS✔



images are CC BY-NC-SA 3.0

**Description:** This custom-designed plastic wheel from Pololu has a rubber tire measuring 1.65" (42 mm) in diameter and is designed to fit the output shafts on our micro and mini metal gearmotors as well as the Solarbotics metal gear motors. Teeth on the hub optionally allow a reflectance sensor to be used for encoder feedback.

This rugged wheel is designed to fit securely on the output shafts of the micro and mini metal geramotors. These gearmotors should be mounted onto the side of the hub with the protruding teeth. The output shaft will slide into the socket easily at first but will achieve a snug fit when pressed through to the other edge of the hub.

The output shafts on the Solarbotics metal gear motors will also fit these wheels, but because they are shorter they will have to be mounted onto the other side of the wheel where the fit is tighter.

The Micro Metal Gearmotor Bracket Extended is specifically designed to work with this wheel. **Please note that the non-extended version of our mounting bracket will not work well with this wheel.**

Sold in pairs. You get two wheels.