

Top tip: Thick prop hubs

I like wooden propellers. They are light, and are easy to balance with sandpaper and an extra coating of varnish. The hubs tend to be thicker than plastic. I found that the threaded part of the adaptor supplied with one motor was too short for the nut to get safe purchase. I was using a spinner with a metal backplate and the prop washer was thick. I used a 20mm diamond holesaw in a bench drill to cut the outside of a recess and then used a smaller one to grind out the centre at a constant depth by moving the prop around with the drill running. The finished prop needed very little balancing. Here are the modified and original props.

