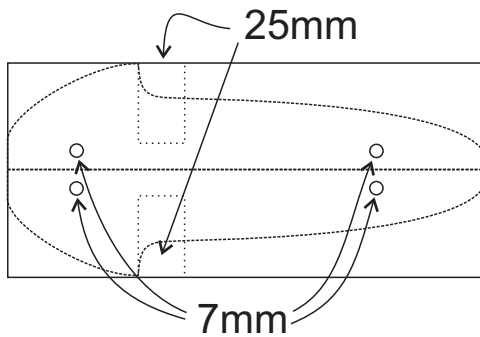
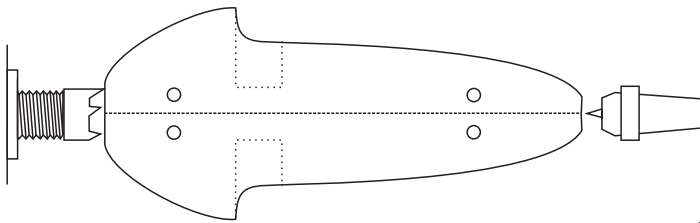


## JACK'S CAR

Design Jack Renwick, demonstration Edwin Duxfield



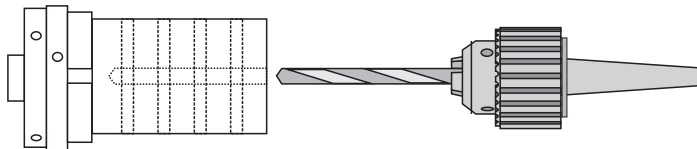
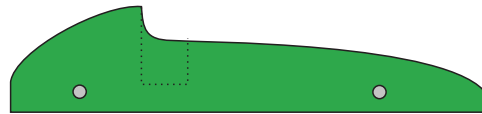
Start with a block of 50 x 100 timber. Drill as shown. The 7mm axle holes may go right through but the 25mm driver seat should go only 10 or 12 mm below the lowest point of the planned car body.



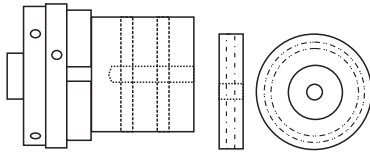
Turn this between centres. The car body will still have flat sides. Sand and finish all surfaces.

Remove from the lathe and saw down the centre line. Plane and sand that surface.

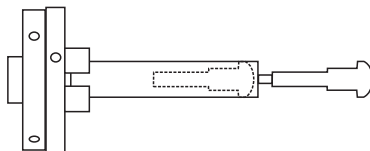
You can now paint the car.



Make four wheels (or do 8 now for the 2 cars). Mount in a chuck a block that will allow a finished diameter of about 55mm. The length of this block is your choice depending on the thickness of wheel you plan to make.

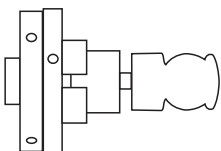


Drill a 12mm hole to be the centre of the planned tyres. Shape and decorate each tyre before parting it off. Remount the wheel in a chuck, jam chuck, or on a pin chuck, to decorate the other side.



Make axles for each wheel. The thinner part is 7mm diameter to fit the hole in the car body. The thicker part is less than the 12mm hole in the wheel and slightly longer than the thickness of each wheel. The button on the end can be any diameter that is larger than the 12mm hole in the wheel.

Make a driver. The diameter needs to be slightly less than the 25mm hole drilled in the block and the overall length slightly less than the hole that remains after turning the car. Paint on a hat, face, and clothing.



Assemble and enjoy