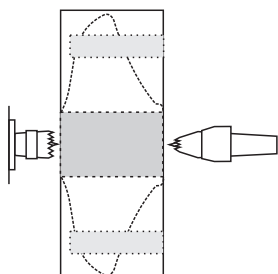
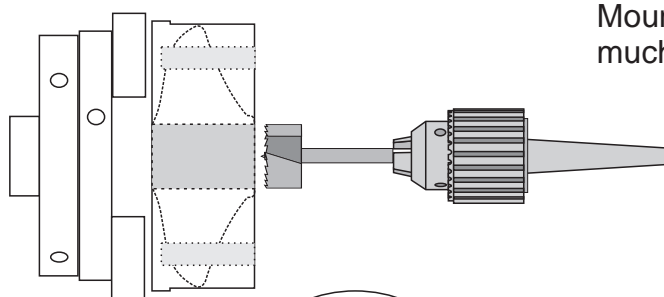


Spinner Winner

When constructing any spinning top there are a few things that are important to consider from the outset: All the wood should be of medium to hard density and of equal density from side to side of the blocks used; Construction methods must be accurate; The spinning point must be of hard material. This spinning top is made of two parts: The top consisting of body, central shaft and spinning point, and the handle.

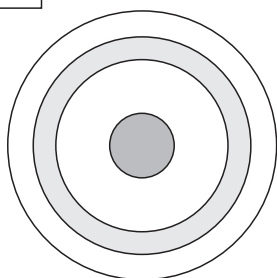


For the body start with a block 100 mm square and 35 thick. Mount this between centres and turn it to be about 92 mm diameter.



Mount the block in a 100 mm chuck and turn as much as you can to be 90 mm diameter.

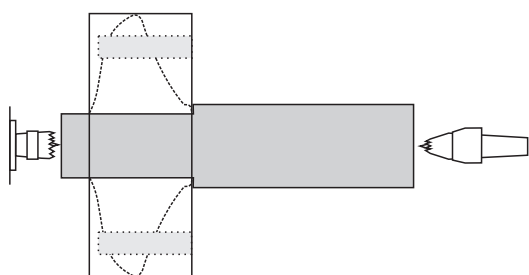
Drill a hole about 22 mm diameter through the centre of this block.



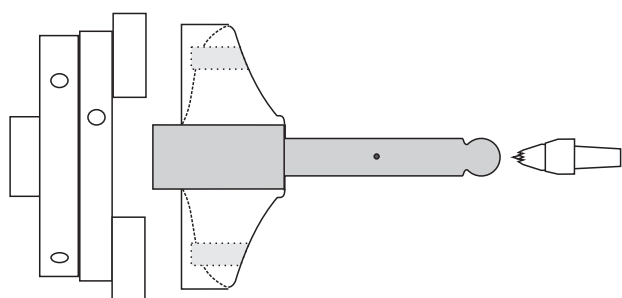
At this stage you may cut a channel towards the outer edge of this block and fill it with coloured resin. This makes the finished top look better and may also improve the balance.



For the central shaft start with a piece 28 x 28 x 120 mm. Mount this between centres, turn it to round and about 26 mm diameter. For a distance of 45 mm from one end turn it to exactly fit in the hole you have made in the centre of the body of the top.

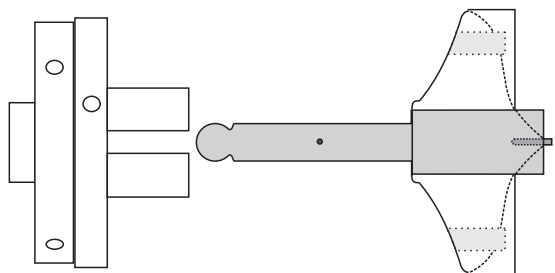


Glue the shaft into the body of the spinning top. Mount the work between centres taking care to use the old mounting marks for accurate centres. Turn the remainder of the edge of the body of the spinning top to 90 mm diameter and true up both faces of this block.

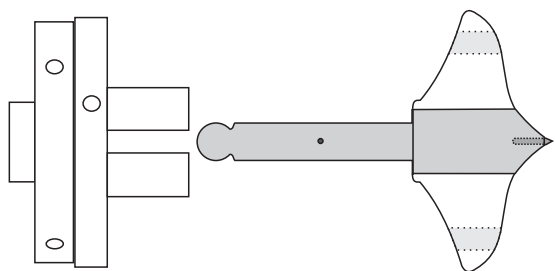


Remount the work in a 100 mm chuck. Bring up the tailstock to ensure perfect alignment. Drill a hole crosswise through the shaft to take the winding string. This should align with the centre, or towards the top, of the hole in the handle when it is in place. Turn the exposed face of the body of the spinning top to shape. Turn the exposed end of the shaft to 12 mm diameter and the end to a curve and remove all tailstock marks. Sand and finish this area.

Spinner Winner P2

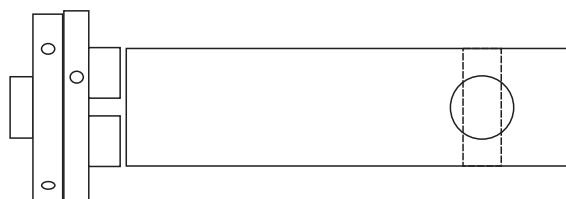


Turn the work around and hold it in pin jaws or a collet chuck. Drill a hole of the size required for insertion of your chosen spinning point. Glue the point material in place.

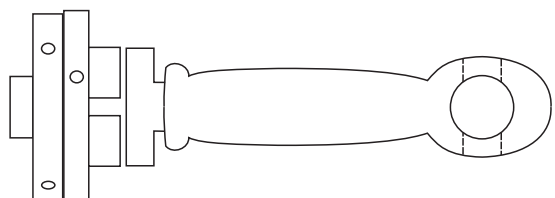


Turn the under-side of the spinning top to shape, including making the spinning point sharp. Sand and finish all of this surface.

For the handle start with wood 40 x 40 x 150 mm.



Drill holes 13 mm dia for the spinning top shaft and 22 mm dia for the pulling string centred 30 mm from the end of this wood. Mount the wood in a chuck and bring up the tailstock.



Turn the handle to shape. Sand and finish. Part it off and hand sand the end.

Make a toggle for the end of the pulling string.

