

Ordering Spinners

To be able to make your spinner I need the following details

Name.

.....

Address

.....

.....

Phone number

.....

Mobile Phone/Day Phone

.....

Aircraft Make

.....

Engine Make and size

.....

Tractor or Pusher

.....

Spinner Size 9", 9.5" , 11.25" 11.75"

.....

Number of prop bolts and bolt Size (diameter)

.....

Diameter of prop locaters (studs) (if any)

.....

Diameter of the circle of the locaters or prop bolts are drilled (PCD)

.....

Is there a center hole in the backing plate and what is its diameter?

.....

Prop make and No of blades

.....

Prop hub diameter and thickness

.....
Is the squeeze plate or engine flange?
recessed into the prop hub (on wooden props)

.....
Squeeze plate diameter and thickness

.....
Direction of Prop as viewed from the cockpit

.....
Check that the spinner diameter is clear of any cowls struts or any other equipment and measure the clearance to the back of the prop as the backing plate on the spinner requires 20 mm clearance from the front of the engine flange (back towards the cowl)

No further information is needed for Warpdrive or Bolly props if you have a wooden prop you will need to complete the following information and send the cutout as requested.

All of the following should be read in conjunction with the sketch attached.

Draw a prop line through the bolts on the front of the prop

Draw a diameter line on the front of the prop I" short of the spinner you require (eg 8" for a 9" spinner) and a diameter line on the back of the prop at the spinner size 9" in this case. (spinner size e.g. 9")

Using a straight edge check if the front of the prop is flat out to the diameter line. If not measure the gap at the diameter line.

(Gap Size if any)_____

Cut a blade profile (on the diameter line) using 2 pieces of stiff cardboard - one for the upper profile and one for the lower profile. The top of the profile will be on the front diameter line and the bottom of the profile will be on the back of the prop diameter line. From the side the profile will be at a small angle towards the center of the prop. Don't bend or curve this cardboard the profile should be at right angles to the prop line. Then glue or staple the 2 pieces together to complete the profile. Then write HUB SIDE and TIP SIDE on the cardboard

Mark the prop line on the hub side of the cardboard

Mark a squaring line on the HUB side of the cardboard right across the whole profile using a ruler that is flat with the back of the prop and on the same level as the engine flange (The best way to do this, is on a table and use the edge of the table as the ruler)

If you have any problems with any of the above, please email cspinners@gmail.com

Cummins Spinners
7 Milroy Street
Bendigo
Vic 3550
Australia

Payment: COD Aust Post or EFT direct to Bank A/C, Credit Card or PayPal
