



All Made in Australia...

Introducing New Products...

Owner operated in Adelaide...



All Made in Australia...

Introducing New Products...

Owner operated in Adelaide...



Contact Details

Bolly Props Australia
Hanger 1 Calvin Grove Airfield
Nash Rd PO Box 894
Virginia
SA 5120

Phone: 08 8380 8396
Fax: 08 8380 9083
Email: bolly@bollyaviation.com.au
Web: bollyaviation.com.au
Owners Peter Tapp & Craig Jones

100% AUSTRALIAN MADE



Build it Strong - Build it LITE

Pitch Gauge Instructions



Props for Every Occasion...



www.bollyaviation.com.au
Call Peter on (08) 83808396





Manufacturing Props for over 25 years

Welcome to Bolly Aviation

We have been designing and manufacturing carbon composite propellers for over 25 years, from 5" to 80" diameter, 1 to 5 blades.

Bolly Props are known for delivering extra performance, efficiency and durability. Unlike other props in the marketplace that have a "timelife" Bolly props are made only from the worlds finest Carbon Fiber and UV stablized Epoxy Resins that DO NOT HAVE A TIME LIFE. adding to this our props are fully backed by our own inhouse service centre.

For many years recreational pilots have discovered the benefits from our Award winning Optima Series Propeller range.

New for 2011 is Our Bolly Optima Series 5- DD. Designed for all Direct Drive engines up to 180HP. Available in 2 or 3 blade from 56" to 74"

Also 2011 sees our long awaited DURALITE InFlight Adjustable (IFA) now available. As with all of our products... *"Tested to mach 1.001 tip speed"*.

Keep an eye out the the Bolly Skyblazer 2 seat Aircraft now in design stage

*"You just don't know what your aircraft can do,
until you've hauled it around with a Bolly"*



Propeller Craftmen for over 25 years

Bolly Pitch Gauge STEP 5 Reading the Pitch

Hang the Pitch Gauge on the leading edge of the blade Using the mark you put on the flat side of the blade in STEP 3. Make sure the arm is swinging freely. Now read the Pitch.



This Blade is Pitch at 17.5 degrees. The Bolly Pitch Gauge will work on most other brands of Prop as well. Use the torque setting on the pitch Gauge to re torque the bolt, if using a Bolly Prop.

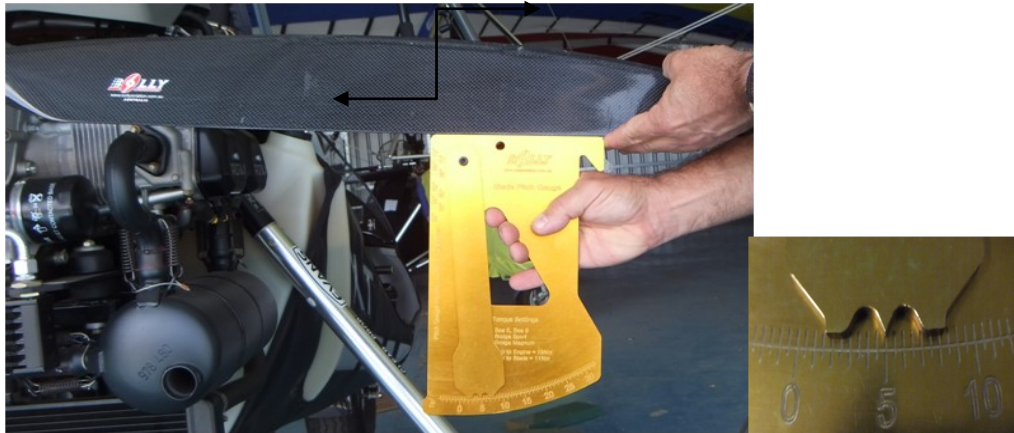




Propeller Craftmen for over 25 years

Bolly Pitch Gauge STEP 4 levelling the Blade

Use the top straight edge of the Pitch Gauge, and place it on the trailing edge of the blade. The fig below shows the blade off by 5 degrees

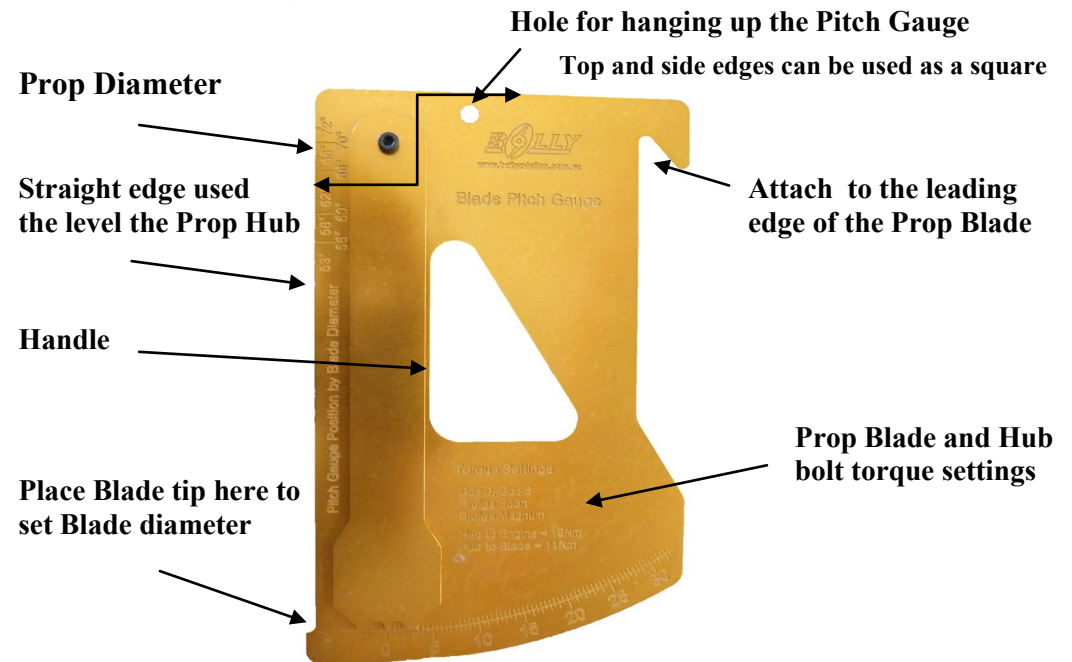


Move the blade up or down until the Pitch Gauge reads 0 degrees as per fig below. Now your blade is level.



Propeller Craftmen for over 25 years

Bolly Pitch Gauge STEP 1 reading the Gauge



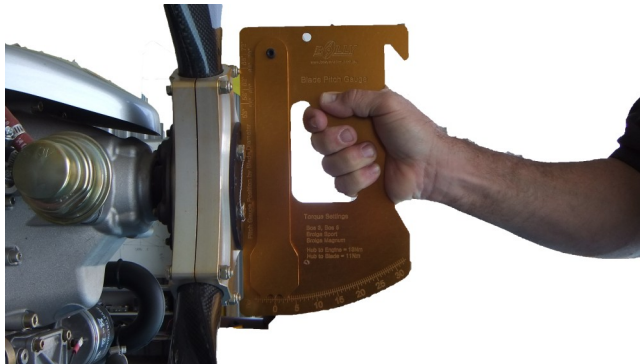
Each mark reads as 1/2 degree, the left picture shows the pointer on 20 degrees. By lining the two side pointers on a mark, the centre (main pointer) will line exactly between marks. Now you have 1/4 degrees. The right picture reads 20 and a 1/4 degrees.



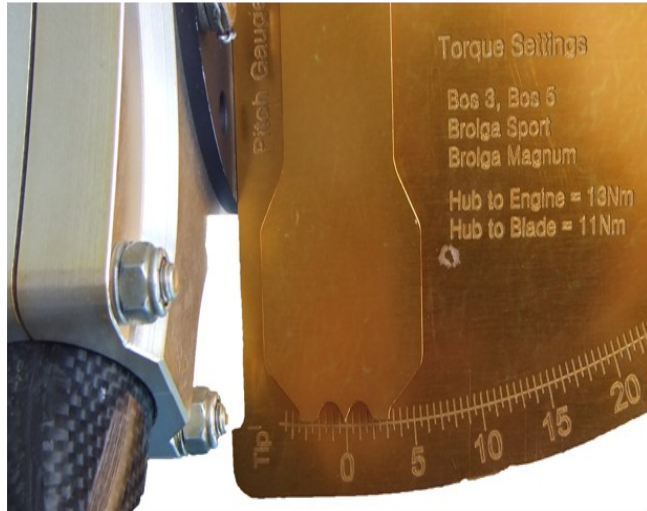


Propeller Craftmen for over 25 years

Bolly Pitch Gauge STEP 2 Levelling the Prop



1 Place straight edge of Pitch Gauge against the prop Hub. As shown. Once the Pitch Gauge reads 0 degrees the Hub is level. You may need to place blocks or similar under the nose or tail wheel until the Gauge reads 0 degrees. This will ensure that the Pitch reading taken from the blades is accurate.



You only need to do this step if you need to know the Pitch of the blades. If you just want to check that all the blades are pitched the same, then skip this STEP and go direct to STEP 3.



Bolly Pitch Gauge STEP 3 prop diameter

The Pitch is taken from 75% of the Blade. The Bolly Pitch Gauge works this out for you.

Place the tip of the Blade into to cut out marked TIP on the Pitch Gauge.

Make sure you are using the flat side of the blade. Using the Blade diameter markers on the pitch Gauge, place a mark on your blade using the marker that is the same as your blade diameter.



The Blade shown here is a BOLLY OPTIMA SERIES 3 **68 INCH**. A mark is placed on the flat side of the blade at the 68 inch marker.

