



## Ken shows how with a band-saw

Our vice chair, Ken Croft, was persuaded by our chair to go through the setting up of a band-saw.



The band-saw belongs to Nick. Clearly there could be some risk in this but Ken assured us he knew what he was doing.

So you start with the saw blade itself. Make sure it is tight enough. Here questions came from the floor. How do you measure "Tight enough"?

Ken twanged the blade by plucking it with a finger. A slack blade makes a dull note and as Ken tightened it up using the top screw the note rose up the scale.



A brief discussion arose as to what note a tightend blade should play.

The blade should sit in the centre of the wheels.

Next step is to adjust the guides. There are normally three top and three bottom. They literally guide the blade so it cuts precisely and effectively.

The guides should sit just behind the teeth of the blade.

The right guide should be touching the blade and the left should be about 16<sup>th</sup> inch clearance. Best to use a feeler gauge to check. The guide at the rear, which will take the pressure of the cut so should just touch the blade.

Note as Ken went through this sequence of adjustment he pointed out that a buckled or even slightly bent blade cannot be set up correctly.

At this point Ken pointed out that after using the band saw you should slacken off the blade to avoid it getting a set bend. Interestingly several members admitted they never did this.” Once I have got it right I don’t touch it.”



Different machine but shows array guide screws to adjust



Ken making adjustments to the lower set

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## Grinding wheel safety check



1. Unplug before you start.
2. Wheels come with a cardboard spacer this acts as a cushion to spread the stress and should not be removed.
3. Undo the nuts at either end so the actual grinding wheels are free and remove one wheel.

4. Loosely tighten up one nut and spin the wheel allowing it to come to a standstill. Mark its bottom position.
5. Remove the wheel and then repeat operation for the other wheel on the other side.
6. Now reset both wheels so the bottom marks are opposite each other.

And tighten up. Your wheels are now balanced.

Do not over tighten the nuts they will in effect self tighten with use.

A check on how well the wheels are balanced is to see how long after switching off the wheels rotate

Never use the wheels without the plastic shield in place. Occasionally a wheel has been known to burst and those shields are there for just such an event.

## **Notices**

- Don has a DML 24 Record lathe for sale.
- A request to us for a change of night from another Offchurch group was rejected after some discussion.
- Future meetings - Nick stated that he was trying to get a woodcarver and a French polisher to do a demo but so far had had no luck.
- January Social - this will be on Saturday 13<sup>th</sup> Jan. It will follow the usual format with competitions. One for wood turners and one for everyone else. Please get out your best pieces for the turning. The other competition can be more or less any craft item.

## Forthcoming Attractions – 2017-2018

Meetings normally are on the first Thursday in the month except when there are elections. Meetings start at **7pm**.

Oct 5 <sup>th</sup>		7pm
Nov 2 <sup>nd</sup>		7pm
Dec 7 <sup>th</sup>		7pm
Jan 6 <sup>th</sup>	Christmas get together & party	
Feb 1 <sup>st</sup>		
Mar 1 <sup>st</sup>	AGM	

*Remember: members who demonstrate will receive payment.*

### Committee

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