



The Bayside Woodies Newsletter

JUNE 2011

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The Bayside Woodturners & Woodcrafters Club Inc. would like to state, that it's objective in reporting various articles & advice in our Newsletter & communication, both verbal and written, is merely to disseminate information, and not to make recommendations or directives. Bayside Woodturners & Woodcrafters Club Inc. would like to state, that the views expressed therein are not necessarily those of Bayside Woodturners & Woodcrafters Club

Your new Committee is as follows

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Presidents Report.

Another busy month for the Club (where has the time gone)

We have been out in the public eye with our display and looks like we may have picked up some new members

There has been some fantastic work done from the “church pew” We will work out the results with a popular choice on Wednesday 29th June so make sure you get your piece/pieces to the Club for that day

We have a lot of displays coming up, Fort Lytton, Cracker Jack, Vintage Truck Show, Birkdale Scouts and there could even be some I have missed So just keep some time free these displays, as they are a lot of fun, and to meet a lot of people.

As I write this the Working with Wood Show is on in Town I was there on Friday and while numbers seemed to be down it was an interesting day. There was some good buys and I saw some of members loaded down with goodies.

Our Club House is getting plenty of use but there is still some spare time for other activities!

I have started scroll saw lesions just hope Col & Milton have a lot of patience to get the message across to me, (Just give me a 30mm skew it would be a lot faster)

Until next month

Bill S.

Editorial

We had a good role- up at the WWS, so don't let the team down, and assist at all the other displays coming up during the year

Place this into your Diaries

Committee Meetings

Are on the first Thursday night of each month 6-30 sharp.

Jondaryn Wool Shed Trip

There will be no bus trip, due to lack of support.

Sorry to those members thinking of going

Finishing your work with Spraying

Jim Thallon is demonstrating Spray Painting you work on the 2nd July

He asks for you to finish your piece in sanding, ready for spraying, bring it along, and spray it for you.

This will be a not to be missed demo

Social Night

I am organizing a Social Night for club members and their families very soon,

How about Sat the 25th, at the Redlands Sporting Club at 7pm

You will need to book with me.

A list will be on the Notice Board, please place youe name and how many will be attending.

List will be taken down on the 22nd

If you feel socially unaccepted, then your wrong, as all members and all humans are equal, so make the effort to have a great night with club friends

FIRST DEMO DAY.

No demo on the 4th as its Crack a Jack Carnival time, but the club will be open if someone has a key, we would like all members to assist at the Carnival

Second Demo Day 3rd Sat of the mth. May 18-22

Craft Day for Scrollers / intarsia

Ill be away at Q TURN,

THIRD DEMO DAY.

Ed Newbury will demonstrate Segmented Turning, will be a great demo

Trips away.

June 3 to 5 th	Crackerjack Carnival
June 12 th	History Alive Fort Lytton
June 19 th	Birkdale Scouts
June 17 to 19 th	Q – TURN
July 30 to 31 st	Mt Gravatt Show
Aug 19 – 21 st	Tudor and Turn Rockie, see Bill S or Milton
Sept 9 to 11 th	Redlands Redfest
Oct	‘Yet’ Festival no date as yet

Laurie Gwynne's Demo on Hinges

FITTING BASIC METAL HINGES

There are 3 essential measurements required for fitting hinges.

(A) is the depth to which the hinge must be recessed.

(B) is the width of the recess and is measured from the edge of hinge leaves to centre of pin

(C) is the length of the recess.

If using 2 hinges set them equidistant from the ends and mark one end. Measure the length of the hinge (C) and mark the other end.

Set measurement (B) on a marking gauge and mark the width of the hinge. Transfer the end of the hinge markings onto the rear vertical face of the box and using the marking gauge mark the depth (A) of the hinge on the box.

Using a sharp chisel remove marked out area. The hinge should neatly fit in the recess created. Fix hinges to carcass of box. Place lid in correct position. Accurately mark each end of each hinge on the vertical face of the rear of the box lid.

Using a square transfer marks to lower horizontal face of lid. Using a marking gauge, LIGHTLY, mark width (B) on underside of lid.

Position a hinge of the same size within the marked lines and accurately mark the centre of the holes. Finally fit lid to hinges already attached to the box. Box and lid should now have an all round flush fitting.

There are numerous types of hinges which can be purchased or made in the workshop. The method of fitting these hinges will vary and some will be discussed further at the demonstration.

The Club wishes to thank

Mr Michael Choi. MP. Qld Parliament.

Member for Capalaba. PH 07 3245 6950

www.capalaba-mp.com.au

And the staff from the Office, whom are always helpful.

For the printing of the Club's Newsletter and all other printing that you're Club requires

A Strong Argument for Loose Tenons FAQ

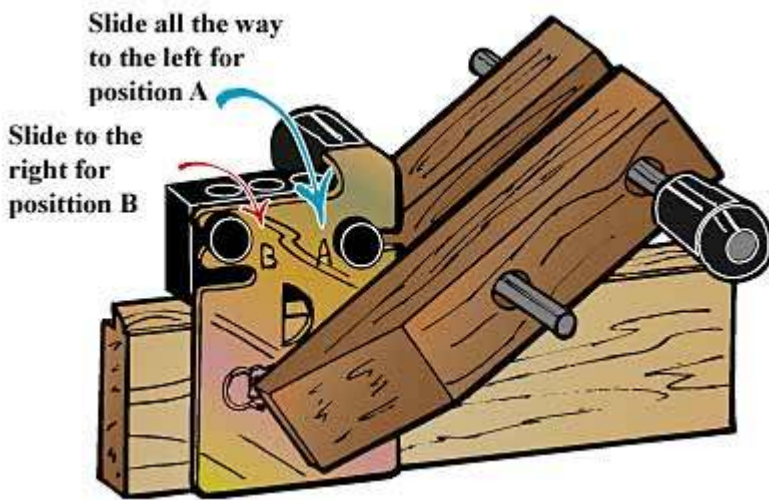
By [John English's Biographical Page](#)



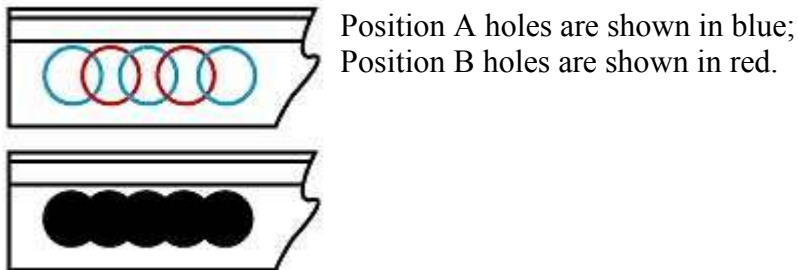
The most popular furniture joint just got a whole lot easier. The new [beadLOCK™ system](#) is a dream to work with and delivers perfect mortise and tenon joints every time. Aside from their patented jig, the only tool required is a drill — no more chisels, mortising machines, table saw jigs or endless shaving to get that exquisitely cut joint. All you have to do is clamp the jig in place and drill a few holes, then insert a length of the company's pre-milled tenon stock. It truly is that easy.

Why a Loose Tenon?

I shop tested the [beadLOCK™ system](#) and discovered a number of surprises — not the least of which was that the system also makes a wonderful doweling jig for standard 1/2" and 3/8" dowel stock. But its true value lies with its designed function: creating mortises for the company's premanufactured hardwood loose tenons. All loose tenons floats in the space formed by two opposing mortises, but beadLOCK's version has a number of advantages over a standard squared tenon. The multiple flutes are, in effect, the equivalent of joining either three 1/2" dowels or five 3/8" dowels together. The innovative shape offers a large amount of side-grain gluing surface, for an extremely strong joint. The design also prevents the joint from wiggling from side to side and working itself loose over the years.



Once the **beadLOCK** is clamped in place it's a simple matter to switch from position A to position B and drill the holes required for your tenon stock.



Some Workshop Observations

Back in my shop, I took a long, hard look at the **beadLOCK jig** and its matching moldings. The kit I tested was the top of the line version, which included everything necessary to construct joints with both 3/8" and 1/2" thick tenon stock. The first thing I discovered was both the plate and the two guide blocks were made in the USA of hardened steel, so they're as durable as they need to be for years of regular use. Block machining was top quality, and the set screws were big enough to grip and use.

The matching hardwood stock I received in my kit tested at 6 percent moisture, which is just about as dry as it can be in this part of the country. That's good — if the molding shrinks too much after assembly you'll end up with a loose fitting joint. The birch molding lay straight as a die on my bench, and came packed in 12" lengths. The individual 1/2" and 3/8" kits each contain two feet of molding.

One nice thing I discovered was the length of the tenon is only limited by the length of your drill bit. The **beadLOCK** jig itself places no limits on length. That means that, for small assemblies, you can use perhaps an inch of molding, while in large joints like tables or desks, a three or four inch long tenon can be used.

About the only thing I didn't like about this system is that the shim package, designed to offset the jig for stock that's thicker than 3/4", was made of plastic. I would have preferred steel.

Overall Impressions

I made several mortise and tenon joints in various species and thicknesses of stock, all without any mishap. Each of the joints I constructed fit like a glove. I followed the manufacturer's instructions (**beadLOCK** is made by the Journeyman Tool Company of Horicon, Wisconsin) and trimmed the tenon stock 1/8" shorter than the combined depth of the two mortises: doing this, all my joints closed perfectly under clamping pressure. It didn't take long to discover that such tight joinery doesn't require a whole lot of extra glue. My suggestion is to mask the joint to collect the excess squeeze-out.

Once the **beadLOCK** is clamped in place it's a simple matter to switch from position A to position B and drill the holes required for your tenon stock. The system requires that you clamp the jig to the work, then lock the guide block in place and drill three holes for the 3/8" stock (or just two for the 1/2" molding). Then you loosen the jig, slide the block to the right and lock it down before drilling the last two holes. I found the holes come out more evenly if you drill the first set of holes twice before moving the block, then slow the drill speed down on the second set of holes.

All in all, my impressions of the [beadLOCK system](#) were overwhelmingly positive. This simple jig brings mortise and tenon joinery within the reach of all skill levels, providing an inexpensive way to produce perfectly fitting, repeatable, error-free joints every time, with nothing but a drill and saw.



There are three steps to using beadLOCK's system. With the stock to cut to size, begin by drawing a witness mark across both pieces, right where the center of the joint should lie.

Next, clamp the jig to each part in turn, lining it up with the witness marks. Drill holes with the jig at the "A" setting, then switch to the "B" setting and complete the drilling.



The third step is to cut the tenon stock to length and dry assemble the joint to check the fit. Then you're ready to glue up and clamp the mortise and tenon joint together.



Loose tenon stock (available in 3/8" and 1/2" dowel diameters) should be trimmed about 1/8" shorter than the combined depths of the mortise to allow for glue relief. For offset joints, where the mortise isn't centered on a standard piece of 3/4" thick stock, the factory provides a set of shims.



Thought for the Month.

If you cant see it,

Does it mean?

It doesn't exist?

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