



# Crosscut

Newsletter of the Witwatersrand Woodworkers' Association  
PO Box 411346, Craighall, 2024

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Editor: Trevor Pope ([tpepe AT iafrica.com](mailto:tpepe@iafrica.com)). All written content and opinions are those of the editor, unless stated. © Copyright reserved. Go to <http://mysite.mweb.co.za/residents/tpepe/homepage.html> for back issues of *Crosscut*.

**Next General Club Meeting on Wednesday, the 10<sup>th</sup> December 2008** from 18h00 at the WWA clubhouse at REEA. Bring and braai and a woodworking quiz – organised by Dave Fincham, same as last year. The **Bracket Project** has been held over to December due a lack of entries. Please bring your brackets to show. A raffle ticket for each entry, with the best to receive a prize. There will be old tools on sale – bring any you wish to sell.

**Next Turner's monthly meeting is on Monday, the 1<sup>st</sup> December 2008** at 18h00 at the WWA clubhouse at REEA. For the 1<sup>st</sup> Dec meeting, wors rolls will be available. There will be a competition to turn a Xmas ornament (such as a Xmas tree) in ten minutes. Entry fee R10-. Bring your own blanks and tools for this. There will be the three club lathes (the Jet Mini, the Nova 3000 and the Record) where you can use the chucks or work between centres as you need.

## News

**November General Club Meeting.** Bill Parrack and Denis Lock talked about hinges. Bill showed examples of the many different hinges available and their uses. Denis explained some techniques for fitting common examples such as butt hinges and cabinet hinges.

Denis recommends that you select the hinges when you design the piece and not as an after-thought, or you may be unable to source the hinges you want and be forced into making design changes. He also feels that using cheap hinges is false economy given the investment in time and wood for most projects. Most hardware stores do not sell top quality hinges, so you may need to visit the specialists. Some of these are shown below. The web sites have catalogues. .

### Specialist Suppliers of Hinges

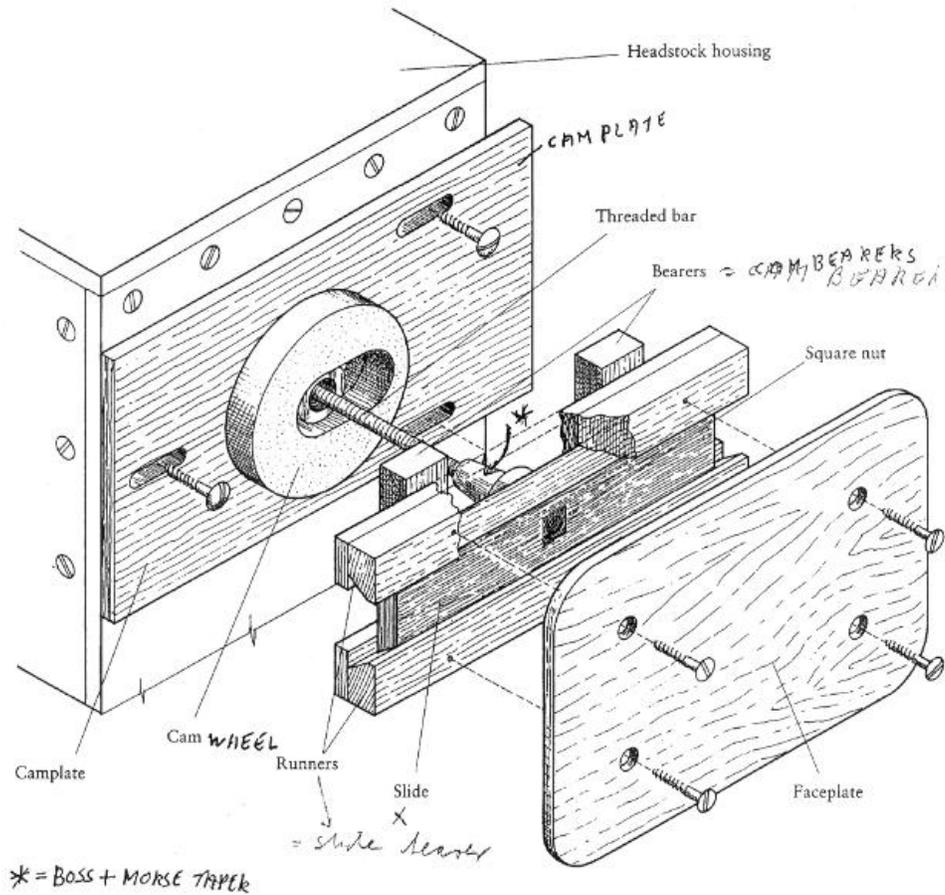
Wholesale Cabinet Fittings	Importers of screws, hinges, hardware and furniture fittings	(011) 493-1222 (011) 823-4165 (011) 791-5393 (012) 804-0053/5 (021) 949-1827	23 Roper St, New Centre, Jhb Also in Boksburg, Strydom Park, Silverton and Capetown. <a href="http://www.cabinetfittings.co.za">www.cabinetfittings.co.za</a>
Blum Hinges	Hardware	(011) 444-8118	16 Bowling Ave, Kramerville, Sandton <a href="http://www.eclipsegroup.co.za">www.eclipsegroup.co.za</a>
Décor City Hardware	Hardware	(011) 618-1064	262 Market Str, Jeppetown, Jhb <a href="http://www.decorcity.co.za">www.decorcity.co.za</a>
J. Socher Fittings	Hardware Suppliers	(011) 792-6606	90 Oxford Str, Ferndale, Randburg <a href="http://www.jsocher.co.za">www.jsocher.co.za</a>
Torrance and Marcon cc	Brass fittings, handles, hinges etc from the UK, 0000 steel wool, polishes, all colours of shellac etc	(011) 672-3224, (011) 615-7228, (Geoff Megone)	47 Wemmer Dr. Discovery, Roodepoort (Phone before visiting)
The Knob & Knocker	Cabinet fittings	Jhb: 011-201-4800 KNZ: 031-240-8100	Germiston Rd, Meadowbrook, Germiston

**November Turner's Meeting.**

Lionel showed his three-point steady that is designed for the Nova lathes, but can adapted to fit others. It uses three adjustable bearing holders, and sells for R1825-

Chris van Heeswijk showed some slides of a turning course he did in the South West of France at Le Moulin de la Materette owned by Nick Davidson. The courses are run by Craft Supplies ([www.craft-supplies.co.uk](http://www.craft-supplies.co.uk)) who are located in Derbyshire, UK. Nick Hanbury was the instructor for his particular course, although there are other instructors and courses offered. For more information, go to [www.materette.com](http://www.materette.com)

Buddy Lawson demonstrated his oval chuck and the techniques required for oval turning. The picture below shows the original wooden design that Buddy started from, before he made his metal one. The picture comes from **Adventures in Woodturning** by David Springett (GMC Publications)



**From the committee:**

**Annual Braai.** Don't forget the annual braai, scheduled for Saturday, the 29<sup>th</sup> November at Greenside High School. You should have

already signed up and bought your tickets. Last minute bookings can be made by contacting the treasurer, Glenn Lopich and paying money into the club account. Start from 11h00, lunch at 12h30. Don't forget to bring your salad or pudding as you promised on the booking sheet. Bring your own cutlery and crockery. The same selection of drinks as on sale at the club house will be provided, plus bottles of wine. Don't forget to make toys to donate at the braai.

**Nana Mistry.** Nana is one of the founding members of the WWA, who we don't see very often these days, due to pressure of work. The bar counter and stools in the club house were donated by Nana. Nana suffered a cerebral aneurism and had an operation. He has returned home, but his family expects a long recovery period. On behalf of the WWA, the committee would like to assure Nana's family and all those at Mistry's that he is in our thoughts and we look forward to his recovery.

**Please Note:**

**Toymakers.** The **NEXT TOYMAKERS** meeting will be the first Monday, 2<sup>nd</sup> February 2009. There will be no meetings in December/January. Normally, the toymakers meet on the first and third Mondays of every month, at 09h00 till 12h00 at the clubhouse. Contact Eddie Marchio on (011) 678-8062 or [renato AT pixie.co.za](mailto:renato@pixie.co.za) for more information.

**Wednesday Workshop.** The **LAST MEETING** for 2008 is on the 3rd December 2008, the first meeting for 2009 is on the 4th February. Normally, the Wednesday evening workshops are on the first and third Wednesdays of every month, from 18h00 till 20h00. Contact Winston Klein on (011) 674-1513 for more information.

**For Sale:**

**Turning blanks** available, mainly exotic woods, e.g. redwood, etc.

**Lathe.** EMCO DB5 including copy attachment. Contact Mr Louis Marais on 011 672 4164 (Items can be viewed in Florida Park).

Kity Bandsaw,  
Stationary Belt Sanders – horizontal and vertical,  
Kitty Combination Saw / Planer / etc (BestCombi?),  
Wood Lathes with copy attachments,  
Dewalt Radial Arm Saw,  
Rip Saw, Spindle Moulder,  
Thicknesser.

Pictures available on request. Contact Jaco Pretorius in Middleburg on telephone no. 013-246 2081, cell no. 0836087204 or email: [jaco@midwayinn.co.za](mailto:jaco@midwayinn.co.za)

**Wood** for sale. Honeydew. Rough sawn + - 4mtrs \* 300mm \* 30 to 40 mm thick , there are + - 5 planks of mainly Imbuia and oak but there maybe some kiaat, 60% of retail price, cash , per plank. Contact Frank Evans on 083 557 3347 or [evansf@global.co.za](mailto:evansf@global.co.za)  
Telephone conversation with my wife Dirkie-Marié earlier tonight, refers.

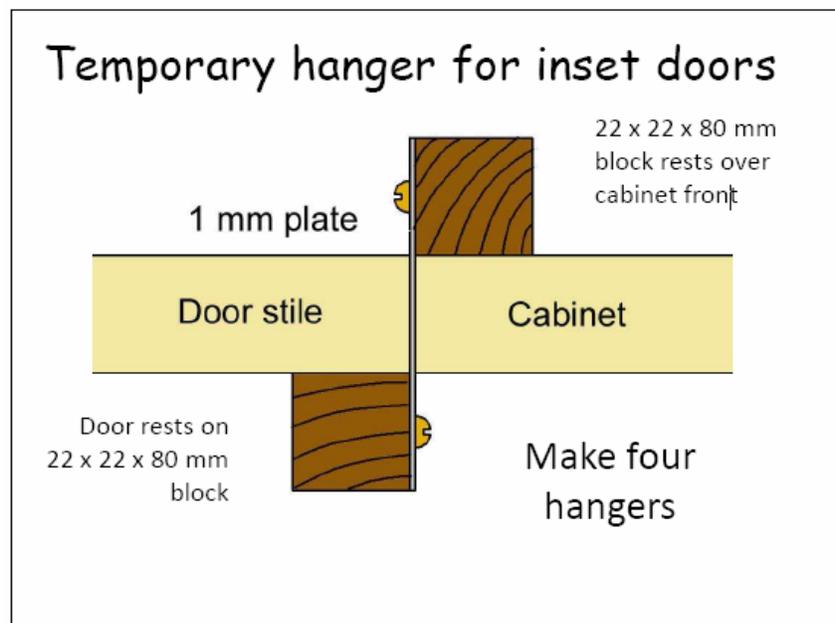
**Triton MK 3 (new series) workcentre** (included are the additional adjustable wheels to move the work centre around).

**Triton Router & Jigsaw Table** (series 2000). Very good condition. Contact Clive Lennox on (011) 888 5053 or 083 279-6138. 36 Main Street, Linden Extension, Randburg. [clivelennox@mweb.co.za](mailto:clivelennox@mweb.co.za)

## Diagrams from Denis' and Bill's Talk

Here are some diagrams kindly provided by Denis from his talk, for those who were not able to take notes from his talk.

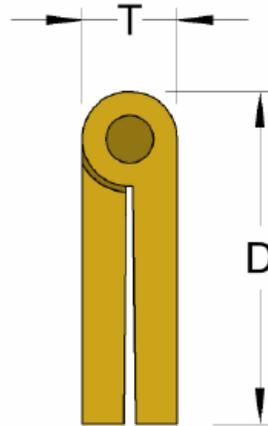
A clever idea is the use of temporary hangers for inset doors. He uses these to locate inset doors to mark out the hinge locations. The design is shown in the diagram on the right. The steel plate is 1mm thick, so by placing one of these hangers on each side, the door is correctly spaced from the frame on all four sides. The wooden blocks need to be spaced the correct distance apart on the 1mm plate, to correspond to the thickness of the door and the cabinet frame. To remove the door from the opening, simply pull the



outside wooden blocks. (This method beats using wedges and having to turn the cabinet upside down to remove the door, as I have had to do in the past.)

To accurately fit butt hinges into a mortise on both the door and the frame, Denis explained the key dimensions shown in the diagram on the right.

## Butt hinges - Mortice size



- Mortice depth

$$MD = (T - 1,5)/2$$

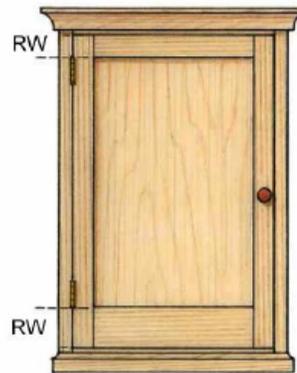
- Mortice width

$$MW = (D - T/2 + 1)$$

- Gives a reveal (gap) of 1,5 mm
- Centre of knuckles 1 mm clear (door won't bind)
- MD formula is for average cabinet (adjust for larger or smaller doors)

The next diagram shows guidelines for the locations of hinges along the sides to create proportions that are pleasing to the eye.

## Butt hinges - Position on stile



Hinge in line with rails as shown (RW)



If rails narrower than length of hinge then use length of hinge (HL)

The last diagram shows the key dimensions for the fitting of euro hinges. These the ones commonly used in built in cabinets these days. Blum is one of the leading suppliers. See their web site listed above for more information.

## Fitting Euro hinges

Distance from 35 mm hole to edge of stile determines amount of overlay. Do a test on scrap.

