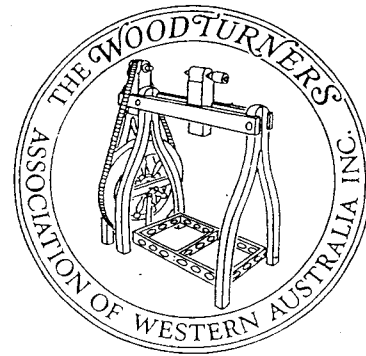


THE WOODTURNERS

ASSOCIATION OF WESTERN AUSTRALIA INC



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No:51

APRIL/MAY 1993/94

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W.A.W.A. GROUPS MEETING TIMES, DATES AND VENUES.

- AVON VALLEY.** 3rd Thursday 7.30pm Venue. High School.
- BUNBURY.** 1st Wednesday, 3rd Friday 7pm. Cross Electrics.
- BUSSELTON.** 1st and 3rd Wednesday 7pm. Venue. High School.
- CENTRAL/MIDLANDS.** 4th Saturday of every month. Moora High School. (Depending on availability of venue).
- CENTRAL/SOUTHERN.** 2nd and 4th Wednesday. Brookton District High School.
- COLLIE.** Sundays 9.15am to 4pm. Various home workshops.
- KENWICK.** 1st and 3rd Wednesdays 7.30pm Liddlelow Homestead, Cooper Avenue, Kenwick.
- MANDURAH.** Every 2nd Tuesday 3pm from 15th February. Mandurah High School, Gibla Street, Mandurah. Check with Convenor for locations during school holidays.
- MELVILLE.** 4th Thursday 7.30pm Palmyra Recreation Centre, Cnr Murray Rd and Canning Hwy, Melville.
- MIDVALE.** 1st Friday 7pm At the rear of The Woodturning Centre, Stanhope Gardens, Midvale.
- MUNDARING.** Every Friday. 7.30pm. Old Parkerville Primary School, Cnr Dura Road and Riley Road, Parkerville.
- NORTH OF RIVER.** 4th Tuesday 7pm Balga TAFE Campus, 18 Loxwood Road, Balga.

PRESIDENT'S COMMENTS.

I'm moved to comment on remarks attributed to Tony Waddilove, Chairman of the Association of Woodturners of Great Britain, in a recent magazine article. He examines the make-up of woodturners as a class, finding that they are mostly over 40, and that there are women woodturners, but not enough. In these respects his findings probably relate closely to our own situation, but in examining the reasons for the minority of young turners, and the improbability of large numbers of young people being attracted to turning, he says that it is an "in-house activity" and "most youngsters want to get out and see the world and have adventures."

At this point I feel tempted to write to Tony and suggest that he pay us a visit in W.A. Although for the most part we house our lathes indoors, if he could see the distances we travel for workshops and demonstrations, the bush excursions for tree identification and wood-gathering, and the gymnastics that some of us indulge in to capture "the biggest burl in captivity" or the most turning blocks out of one log, I'm sure he would re-think his ideas. Great Britain may have the most turners - he quotes estimates as high as 45,000 - but for quality and variety of activity, we must surely enjoy the best of all possible worlds.

Which leads me to remind you of the chance, already advertised, to take part in a field trip to the Goldfields region over the Anzac Day weekend, and to advise you that plans are in hand for a field day, courtesy of CALM staff, in the Albany region on Monday 18th April. Be in it!

Jon Croft.

FROM THE EDITOR

WEEKEND WORKSHOPS. From time to time some discussion has taken place over the format and frequency of weekend workshops. With our present practice of holding two-day workshops every month it becomes a major task for both the organisers and the demonstrators to come up with new ideas. It invariably falls on the willing few.

Perhaps it is time to consider changes and there are two suggestions that I am putting forward for discussion:

- (1) Hold a two-day workshop under our present format but hold them every second month. This would leave the alternate months available for the groups if they wished to use the weekend for a smaller scale workshop if so desired.
- (2) Limit the monthly meetings to Saturday only. At present there is invariably a large drop in numbers from Saturday to Sunday and so demonstrators and organisers are working hard for a minority of members.

How about some expression of opinion from members - express them in your newsletter so that we can better serve the interests of members by making it a forum for discussion.
Robin Halbert.

ASSOCIATION WEEKEND CALENDAR.

Date: 16/17th April, 1994.
Venue: Albany TAFE College, Main Road into Albany.
Competition: Matched pair of anything.
NO EMBELLISHMENTS.
Host Group: WAWA and Woodturners of Denmark jointly.

Date: 21/22nd May, 1994.
Venue: Mandurah Senior High School. Mandurah.
Competition: Bowl of Fruit (6 items, at least 3 different - all turned).
Host Group: Mandurah.

Date: 18/19th June, 1994.
Venue: Loftus Community Centre Leederville.
Competition: Laminated platter. Max 300 mm.
Host Group: North of the River.

Date: 16/17th July, 1994.
Venue: Brown Park, Swan View.
Competition: Table Lamp.
Host Group: Midvale.

Date: 20/21st August, 1994.
Venue: Moora Senior High School, Moora.
Competition: Salt and Pepper Mill (pair)
Host Group: Central Midlands.

DEMONSTRATIONS, EXHIBITIONS, SALES.

26th - 30th April. Stirling Central Shopping Centre, Balga.

2nd - 7th May. Thornlie Square Shopping Centre, Thornlie.

16th - 19th June. Traditional Crafts Spectacular Claremont Show Grounds.

22nd-27th August Southlands Shopping Centre, Willetton.

PLEASE NOTE: Turned articles are required for these exhibitions. Contact Ray BOWRA (09) 349 9310 or Len NICHOLLS (09) 339 6490.

CHERYL RUSSELL J.P.

And out beyond the Southern track
And Coolbellup's farthest tree
They wait till fate shall send them back
Their Cheryl Russell J.P.

With apologies to A B PATERSON "Saltbush Bill J.P."

Heartiest congratulations Cheryl from all your friends in WAWA.

When you need the help of a J.P, ring Cheryl at any time on (09) 337 7631
or Mobile: 015 382 953.

**WORKSHOP MEETING 16/17th April 1994.
ALBANY T.A.F.E. Albany.**

The Albany Group of Woodturners in association with the Woodturners of Denmark, welcome all WAWA members their partners friends and visitors. We hope you will have an enjoyable and rewarding weekend.
CONVENOR: Roy Gwynn. MC: To be advised.

Competition Item: A matched pair of anything WITHOUT EMBELLISHMENTS.

Saturday 16th.

8.00 am Unload chuck wagons.
8.30 Registration and fellowship.
9.10 Welcome by Albany Group and announcements.
9.15 "Chain Saws - Sharpening and Safety" Albany Group.
Sale of Wood and Burls.
10.00 MORNING TEA.
10.30 Ladies. Being arranged.
10.30 "Pepper Mills" - Bob Richards.
11.15 "Tool Sharpening" - John Shinnick.
12.00 noon. LUNCH. BYO or purchase locally.
1.00 pm "Doughnut turning: - Viv Paust.
LADIES TOUR being arranged.
Competition entries close, voting commences.
2.00 "Up-date on finishing" - Les Dean (Denmark.)
2.30 "Lidded Boxes" - Keith Johnson
3.15 "Turning to pre-determined design - details provided" - 4 turners, 2 WAWA (Brian Launer, Keith Johnson) 2 Denmark.
4.30 "Gadgets/Jigs demonstration" - 2 from each group WAWA (Jim Waters, Jon Croft) 5 minutes each.
5.00 Fellowship.
6.00 EVENING MEAL. DINNER AT T.A.F.E. (3 course Smorgasbord \$12 per head).
7.00 Critique Panel - 2 from each group. WAWA - Brian Launer, Eric Walker.

Sunday 17th.

9.15am "Apples and Pears" - Ray Bowra.
10.00 MORNING TEA.
10.30 "Arbortech in turning" - Graham Rhind (Denmark).
11.00 Competition voting closes.
11.15 "Bud Vases" - John Shinnick.
12.00 LUNCH. BYO. Load chuck wagons.
1.00 pm Presidents Forum, Show and Tell, Competition Results and Guess the Wood, Closing comments by Albany/Denmark nominees.
3.00 Final Clean up. All hands please.

ACCOMMODATION.

Albany has abundant accommodation in hotels, motels, lodges, units, caravan parks etc. No problems are anticipated at this time of the year. Ring Albany Tourist Bureau (098) 411088 for advice and assistance: Contact Perth Tourist Bureau (09) 483 1111 or ring Fred Clark - Albany (098) 418273.

**WAWA WORKSHOP MEETING 21/22nd MAY 1994
MANDURAH SENIOR HIGH SCHOOL
GIBLA STREET, MANDURAH.**

The Mandurah Group welcome all members, partners, friends and visitors to their workshop weekend.
CONVENOR: Ray Quadrio. MC: To be advised.

Woodcarvers, Bill van Ravenstein and Bob Mahoney from Denmark, will be demonstrating their craft, and invite all carvers and would be's to bring their work and tools for guidance.

Three lathes will be in use continuously, for hands on, in Room 2. Instructors will include: Jim Robertson, Fred Lauritsen, Gordon Ratcliffe, Cyril Jones, Bill Dicker and Colin Richards. In Room 2, there will also be a display of homemade tools and gadgets, including router lathes.

Saturday 21st.

8.00am Unload and set up equipment. Registration and fellowship.
9.00 Gerald Young will demonstrate the Leigh Dovetail Jig.
10.00 Smoko.
10.30 Neil Piper will be turning Pepper Mills.
Ladies, to be arranged.
11.15 Viv Paust simplifies dowelling using the lathe.
12.00 Competition entries close, voting commences. LUNCH. BYO.
1.00pm Bus Tour courtesy of ALCOA - Pinjarra refinery and minesites.
Russ Russell makes the chips fly, turning bowls.
2.00 Pedestal Turning by Milton Rundle.
3.00 Smoko.
3.30 John Shinnick shows how to turn table legs.
4.15 Jon Croft will demonstrate inside/outside turning.
5.00 Hands on will continue until tea.
6.00 EVENING MEAL. BYO.
7.00 Show and Tell.

Sunday 22nd May.

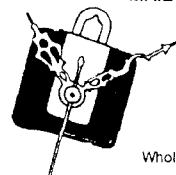
9.00 Ken Rex turns lidded boxes.
10.00 Smoko.
10.30 Ray Bailey and Bill Harrison show their Router Lathe attachments.
11.00 Voting closes.
11.30 Clean up and load up chuck wagons.
12.00 LUNCH. BYO.
1.00pm Presidents report, competition results, ladies choice.
2.30 Final clean up and finish.

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COMPETITION LEEDERVILLE JANUARY 94.
Subject: A bowl to 300mm

The competition year started with a bang. Obviously a very popular subject, 22 competitors with 22 bowls, all different. There were 7 entries in Beginners, 8 in Intermediate and 7 in Open. Thanks very much to all of you - it makes the job very satisfying. Seventy one people voted, we could do better than that. Please get behind the entrants and give them encouragement. Better still, enter and vote!

RESULTS.

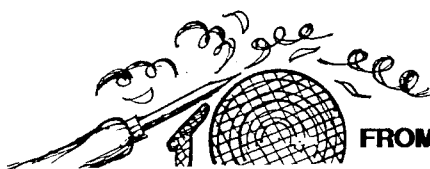
- Beginners:** 1st Gerald Young - Jarrah.
2nd John Mercer - Sheoak.
3rd Ian Gillon - Jarrah.
- Intermediate:** 1st Kev Bryant - Olive.
2nd Don Gunn - Sheoak.
3rd Dig Constant - Wandoo.
- Open:** 1st Bob Nichols - Cypress Pine.
2nd Alan France - Camphor Laurel.
3rd John Lilleywhite - Sheoak.

COMPETITION BRUNSWICK FEBRUARY 94.
Subject: Any item(s) from 300x75x75mm

After the great turnout in January, the number of entries was a little disappointing. Maybe the subject lacks the necessary interest, some feedback on this would be appreciated. It is your competition so we want you to enjoy entering as much as everyone enjoys admiring the handiwork. The more interest, the more entries and the more enjoyment, so feedback please!! Two entries in Beginners, 3 in Intermediate and 3 in Open were all of the usual high standard. Unfortunately, 3 of the entries were found to be oversize. As voting was well advanced by this time, it was decided there would be a Popular Choice following voting and following withdrawal of the oversize entries a Stewards Choice which would count for points.

- Beginners:**
Popular and Stewards Choice 1st Gerald Young Sheoak
2nd Doug Chamberlain Sheoak
- Intermediate:**
Popular 1st Henry Walker Spalted Jacaranda
2nd Bert McDonough Jarrah
3rd Ray Bowra Sheoak
- Stewards Choice** 1st Ray Bowra.
- Open:**
Popular 1st Alan France Jarrah
2nd Len Nicholls Cape Lilac
3rd John Shinnick Sheoak
- Stewards Choice** 1st Alan France.
2nd John Shinnick.

Please read the instructions before you start. Whilst we want to keep an element of fun in the competition, we must still keep to the criteria if set. It is usually kept fairly loose, as in this case, so please be careful. Above all keep entering because everyone loves to admire your work. Happy shavings.
Eric Walker.



**SHAVINGS
FROM THE COMMITTEE**

Following removal of unfinancial members names from the Membership List, a request was received that the Association pay the membership fee for a member who was unable to do so at present. We also received a request for waiver of the nomination fee for late renewal. While the Committee appreciates the reasons put forward in these instances, it was agreed after much discussion, that due to the limitations of the Constitution, the Committee is unable to accede to these requests.

HEADQUARTERS, a place to call our own is a regular item for discussion and many venues have been looked at but none to date seem suitable. Members are asked to keep this matter in mind and to give us their thoughts both pro and contra by letter to the Secretary or via the 'suggestion box'.

The **SUGGESTION BOX** is an underused article we cart around to weekend workshops. Without ideas and input from members the Committee's decisions will only be that and not a true reflection of the members needs. Let us have information on items or demos you would like to see featured in weekend workshops, what do you think would make an interesting competition item, where do you think the next Christmas function should be held??

Turn well.

Len Nicholls.



After about 5 years of turning, I decided my health was probably worth more than the cost of a Racal Safety respiratory protection system and so I purchased one and found it wonderful to breathe dust free air while turning. However, I did find that when sanding, fine dust clung to the mask impairing my vision. Experimenting, I found that cleaning the mask with "RAIN.X", a product I bought from the RAC to clean car windscreens does repel the dust. Depending on the amount of turning done, a rub over about once a week seems to be enough. Keith Johnson has also seen the light through the dust and to keep his Racal clear is using an anti-static, anti-fog spray obtainable from opticians such as OPSM.
Len Nicholls.

THE FIRE TRIANGLE by Glen Phillips

He was busy on his lathe but the chips just weren't flying as they should; the tool was a shade dull. It was only a few steps across the workshop to his bench grinder; a flick of the switch, a few quick passes on the wheel, and he was ready to go again.

Back at the lathe in less than a minute, he thought he smelled something burning. Fire in a woodworker's shop! He investigated immediately. There on the bench next to the grinder was an innocuous-looking wad of steel wool, no different from ones found in many workshops. The problem was that the wad was smouldering. He quickly swept it into a metal dustpan and headed for the door. As he crossed the shaving-littered floor, he thought: *If I drop this now, I'm in trouble - big time.*

Outside the festering fireball was easily doused, and he was soon busy turning again. His shop was no pigsty and he was considered a careful worker, but he had stretched the safety envelope and come perilously close to disaster simply because he had underestimated the danger of the heat-source fuel-link in what fire prevention officers call "the fire triangle".

Ed Steiner, code enforcement official and agent supervisor of the inspection division of the Oklahoma Fire Marshall's office, says everyone experiences unthinking moments or brief lapses into methods they know are not safe: "99% of the time you can get away with it. But someday the odds are going to catch up and it could be bad".

What was our turner's mistake? After all, he was dealing with steel wool and that's metal; everybody knows common metals are no real fire hazard.

"It's like a match and a block of wood", Steiner explains. "Hold a match to a block of wood and it probably won't burn, certainly not easily. But turn that block into sawdust or shavings and the match will easily start a blaze. It's the same with steel wool. It *is* metal, but it's in such fine thread form that it will burn relatively easily if it contacts a heat source".

In the turner's case, stray sparks from the grinding wheel had landed on the pad. While grinding sparks are quite hot when they leave the wheel, they cool very quickly. In this unfortunate instance the steel wool was close enough for the sparks to be still hot when they hit. Presto! - a smouldering pad of metal threads. Steiner explains that the way to avoid most workshop fire perils is to interrupt the fire triangle. Every fire needs fuel, a heat source, and, air. Deny any one of these elements and the fire hazard is controlled. Heat sources and fuels are easier to manage than the ubiquitous air.

Separation of the elements of the triangle is the easiest solution. It doesn't have to be exotic. Simply keeping space between your steel wool and your grinder will eliminate that particular hazard. Even a low tri-fold screen around the rear of the grinder will contain flying sparks. In some situations, it is more practical to control the air supply: Steiner suggests keeping the steel wool in a suitable container with a lid. After using the pad, toss it back in the container and cover it. Simply smoothing a workpiece can build considerable heat in a steel wool pad. If it is in a container with a lid on it there isn't enough air to sustain combustion.

The same applies to many finishes and solvents found in the shop. "The flash point of mineral spirits, methanol and shellacs often used by turners is not that much above 100° F" says Steiner. "Using friction heat from the turning piece to complete the finish is a potentially scary situation". He allows that since most turners keep their hands on the pad while turning, their fingers usually provide early warning of excessive heat.

Separation works in most shops where finishes and solvents are stored well away from heat sources, often in their own room. In smaller workshops, highly flammable materials such as solvents and waxes should definitely be stored in a metal cabinet. Ideally, the cabinet should be ventilated to the outside allowing any potentially hazardous fumes to escape harmlessly.

Cleanliness is the other main item on Steiner's list as he looks at woodshops, and even machine shops. Preventing a fuel source forming is an important part of Steiner's approach to the fire triangle. This includes controlling dust and avoiding accumulations of shavings. As our turner noticed while carrying his "heat source" across his fuel-covered floor, denying fire its food goes a long way towards reducing the peril.

Dust-extraction systems are encouraged even though Steiner says he is often satisfied with brisk ventilation to the outside to keep the air clear. Airborne dust constitutes an explosion hazard as well as a potential fire source looking for a place to stockpile. He notes that all horizontal surfaces in the shop need to be cleaned regularly to prevent this accumulation.

The concentration of dust in the air does not have to be very high in order to be dangerous. Should this ignite, the result is actually a dual explosion. The first blast is small and is often not even heard or recognised. But that first event dislodges dust and fuel sources all over the shop and the second blast does major damage. "Technically," says Steiner, "they are deflagrations - very fast-burning fires. But as far as you or I are concerned they're still a mighty boom!"

Hazards will never be completely eliminated from a woodshop. By definition you are working with a prime fuel. Most commercial woodworking sites are required to have sprinkler systems but this is not often feasible in hobbyist shops. Nevertheless, even when using the commonest and most innocent-looking materials, remember the fire triangle. Keep your fuels and heat sources separate and control the air supply whenever you can. Don't push the safety envelope.

Glen Phillips is a member of the Central Oklahoma Woodturners, and lives in Midwest City, Oklahoma.

Reproduced from WOODWORK NOVEMBER/DECEMBER 1992 Issue.

DATE FOR YOUR DIARY

On MONDAY, 11th APRIL, 1994 the new SOUTHSIDE WOODTURNING SUPPLIES store will be open for business at Unit 2, Cnr Blaikie and Malland Streets, Myaree. [See advertisement on the back page].

DELICIOUS RECIPES, SPECIALLY REQUESTED.

CARROT CAKE

Ingredients.

- 1 cup each of White and Brown Sugar.
- 3 Eggs.
- 1 cup of Salad Oil.
- 1 cup of Coconut.
- 1 teaspoon of Vanilla.
- 2¼ cups of Plain Flour.
- 2 teaspoons of Bi-carbonate Soda.
- 2 cups of Grated Carrot.
- 2 teaspoons of Cinnamon.
- ¼ teaspoon of Salt.
- 450g can Crushed Pineapple (drained)
- 1 cup of Walnuts, or Pecans, or Hazel Nuts.

Method.

Cream oil and sugar and eggs. Add remaining ingredients and mix well through. Place in greased tin 20cm x 28cm approx. (or 8" x 11") or 3 loaf tins. Bake in moderate oven 60-70 minutes on 165°C.

Icing.

- 90g Cream Cheese.
- 30-40g Butter (not margarine).
- 3 cups of Icing Sugar.
- 1 Teaspoon of Vanilla.

Beat until creamy. Add more/less icing sugar as desired. After icing cake, immediately scatter grated carrot and/or nuts on fresh icing.

Variations to this Carrot Cake.

For Chocolate Carrot Cake, add ½ cup of Cocoa to cake ingredients and 1-2 tablespoons lemon juice to the icing ingredients.

PEANUT CARAMEL SQUARES.

Ingredients.

- 125g (4 ozs) Butter.
- ½ cup of Sugar.
- 1 Egg Yolk.
- 1 cup of Plain Flour.
- ¼ cup of Self-Raising Flour.
- 2 tablespoons Custard Powder.
- ¼ teaspoon of Salt.

Topping.

- ½ cup Brown Sugar, lightly packed.
- 1 tablespoon of Golden Syrup.
- 90g (3 ozs) Butter.
- 125g (4 ozs) Roasted Unsalted Peanuts.

Method.

Cream butter and sugar until light and fluffy, add egg yolk, mix well. Add sifted flours, custard powder and salt, mix to a firm dough. Press mixture into base of greased 18cm x 28cm (7" x 11") lamington tin. Bake in moderate oven 15 minutes or until golden brown. Remove from oven, spread with prepared topping mixture, return to moderate oven for a further 5 minutes. Allow to cool in tin, cut into squares.

Topping. Place brown sugar, golden syrup and butter in small saucepan, stir over low heat until butter is melted and sugar is dissolved. Simmer gently 5 minutes. Stir in roughly chopped nuts.

SOFT TOYS.

Again this year the ladies are busily making toys for children in need. Both Elly and Lee work at home cutting out donated materials into soft toys of various shapes and wonderful colours. No pieces of material are too big or too small to be utilised - scraps being used to make anything from tiny buttons and bows to large toys.

At each weekend workshop many of the ladies can be found knitting toys, stuffing partially completed toys, or finishing them off with trimming and bows while listening to the invited guest speakers. Others make toys at home or paint faces on the dolls and clowns. Everybody does this worthwhile and enjoyable work so willingly. We would welcome any new ladies who would like to participate in this rewarding task.

Donations of materials are always needed and most appreciated by our toy making ladies. Betty Threlfo.

CONTENTMENT IS BEING

APPRECIATIVE FOR WHAT WE

ALREADY HAVE !

NEW PRODUCTS

Again we are sorry to report that no articles about new products were received from our advertisers for this issue of the newsletter. Editor.

TO FIND THE CENTRE.

The tool featured here appeared in the April 1983 Woodworker. Its design and general good looks through a combination of brass or aluminium and a selected piece of wood, make it a tool which has a good feel about it and makes it a pleasure to use.

To begin, make three photocopies to full size of Parts A, B and C. **[The illustrations on the next page are half their actual size].** Glue part A on to a 3mm plate of your choice (Brass or Aluminium) and cut to outline, taking extra care with the centre straight line. Clean up all edges. Centre punch for holes and drill before removing the pattern.

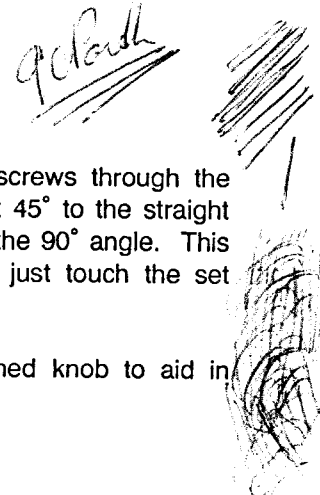
Glue pattern B to a selected piece of wood thickened to about 5mm. Cut to shape just clear of the pattern. This will allow for final clean up.

The centre cut out is chamfered all round. With the straight edges of part A and part B in line, glue together with contact adhesive.

The two top plates Part C are made from metal and drilled as per pattern. Turn the assembly over and drill through. This will locate the two top plates which can now be glued.

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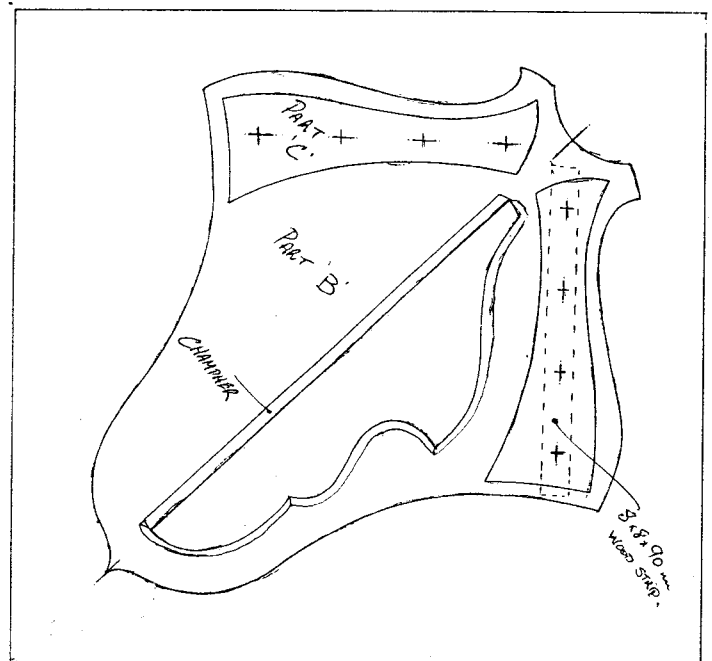
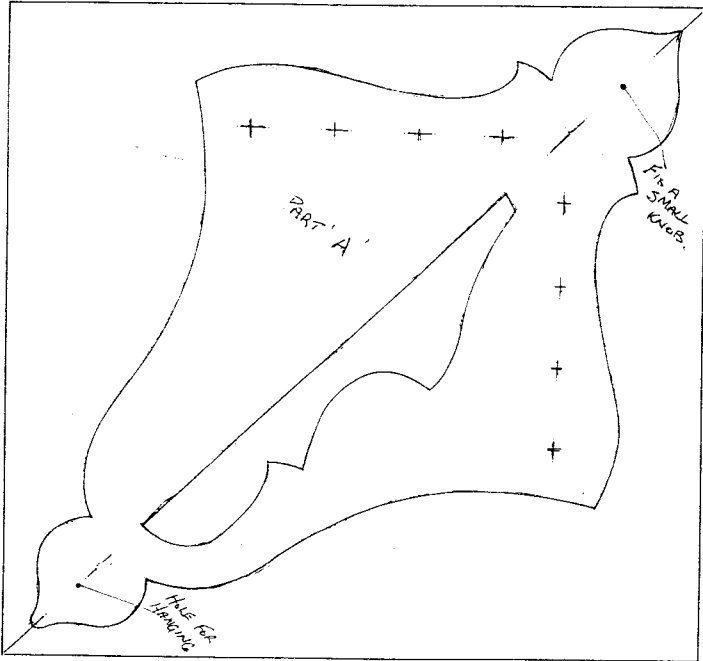
TO FIND THE CENTRE.



Prepare two pieces of wood 8 x 8 x 90mm which can be fixed to the back of Part A by screws through the drilled holes. These two pieces must be fixed to form a right angle which in turn must be at 45° to the straight centre line of the tool. Use a 90° set square onto which a line has been scratched bisecting the 90° angle. This line is then lined up with the centre finder straight edge and the wooden strips moved to just touch the set square.

Finally, drill a suitable hole in Part A for hanging the tool and another to fix a small turned knob to aid in handling.

Good luck with the project. Ken Rex.



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Woodworker, April 1983

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Woodworker, April 1983

WOODTURNERS ASSOCIATION OF W.A. (INC.) Committee and Convenors 1993/94

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Neil Piper	(Video Library)	09 398 2387
Ray Bowra	(Shop/C Shows)	09 349 9310
Jim Waters	(Safety)	09 446 1641
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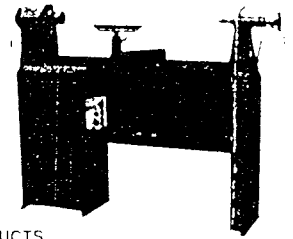
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