

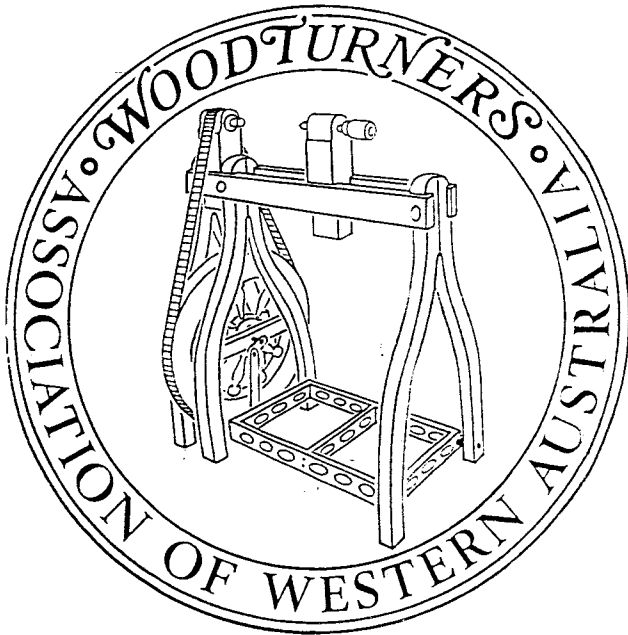
The Official Newsletter of the

WOODTURNERS

ASSOCIATION OF WESTERN AUSTRALIA INC

NUMBER 21 APRIL

89



REGISTERED BY AUSTRALIA POST. PUBLICATION NO WBG1883



1988-89 Executive Committee

President

Geoff Barkla
P.O. Box 115
KALAMUNDA 6076
09 293 4330

Committee

Mike Kenny
30 Heppingstone Road,
BRUNSWICK JUNCTION 6224
097 261038

Secretary Treasurer

Milton Rundle
26 Norbury Crescent
CITY BEACH 6015
W. 4253263 H. 3859559

Committee

Gordon Ward
23 Hill Street,
KELMSCOTT 6111
09 390 6418

Editor

Ivor Bridges
4 Grancy Avenue
MUNDARING 6073
09 295 1867

Committee

Bob Malacari
9 Ghost Gum Road
WILLETTON 6155
09 457 5503

Committee

John Shinnick
22 Shines Crescent
BRUNSWICK JUNCTION 6224
097 261020

Committee

John Lathwell
22 Mary Street
LESMURDIE 6076
09 291 6280

Committee

Dick Morley
63 Spinaway Parade
FALCON Via MANDURAH 6210
5343066

Committee

Cyril Jones
6 Burt Court
DUNSBOROUGH 6281
097 553606

Committee

Brian Launer
Unit 7 Busselton Gardens
BUSSELTON 6280
523998

Membership Secretary

Keith Johnson
3 Barrisdale Road
ARDROSS 6153
09 364 6082

Property Officer

Digger Constant
10 Clearview Avenue
Mt. Yokine 6060
09 349 7637

Video Librarian

Keith Stout
18 High Peak Place
LESMURDIE 6076
09 291 7682

FROM THE PRESIDENT'S WORKBENCH

Our year of re-organisation of current and forward planning has reached the half way point, with a number of planning meetings held, questionnaires filled in, accompanied in many cases by thoughtful ideas for our consideration. In this newsletter you will find notice of The Special General Meeting to be held 15th April 1989. I do urge all members who are able, to make every effort to attend. We have changed the usual Sunday meeting day to the Saturday to enable more members to attend. The Special General Meeting has been called to bring to your attention the recommendations of the planning committee affecting the future of our organisation.

A number of special programmes are being considered for the future. The first one will be a Seminar on "design" details will be made available as soon as they are finalised.

I look forward to meeting many of you at the April meeting, so do your best and be there too! I would like to see some progress made with our "Homestay" venture such as Country and City members hosting each other for the week-end Association meetings. I know many city members would be willing to welcome country members to stay for one or two nights.

Geoff

CALENDAR OF MEETINGS AND COMPETITIONS

MONTH	VENUE	COMPETITIONS
April 15, 16	Leederville	Table Lamp up to 450 mm high Open 1 pair lamps Novice 1 single lamp
May 20, 21	Mandurah	Platter up to 350 mm diameter height - no more than one tenth of diameter Open) Novice) Platter See Mandurah programme
June 17, 18	Wanneroo	Pedestal up to 500 mm high Open) Novice) Pedestal

COMING EVENTS

Craft Exhibition & Sales at HISTORIC WHITBEY FALLS, South West Highway, MUNDIJONG. On April 23rd. SET UP AT 8-30am. Turners unable to come either bring your items to the LEEDERVILLE MEETING for pick up or leave with John Lillywhite, Bicton. PH 3392359.

BELMONT SHOPPING CENTRE.

CRAFT WEEK AUG.13-19th.

WOODTURNERS ASSOCIATION OF WESTERN AUSTRALIA

NOTICE OF SPECIAL GENERAL MEETING

In accordance with clause 34 of the Constitution, the President has convened a Special General Meeting of the Woodturners Association of Western Australia Inc.

The meeting will be held in Community Hall, Loftus Community Centre, Loftus Street, Leederville on Saturday 15 April 1989 commencing at 1.30 pm.

The business of the meeting will be:

1. To consider, and if thought fit, resolve upon recommendations from the sub-committee appointed to review the present and future of the Association.
2. To consider, and if thought fit, resolve upon notices of motion which were brought forward and deferred at the Annual General Meeting held in September 1988.
3. To receive a report from the President concerning the management of the Association.

M J RUNDLE
SECRETARY

Note:

- (i) Copies of the report concerning (1) above and the notices of motion will be available at the venue on Saturday morning.
- (ii) In accordance with general practice, the business to be discussed at this special meeting is restricted to that as outlined in the notice convening the meeting.

ADMITTANCE FEE WORKSHOP WEEKENDS

In an effort to keep these events self-supporting, in future the entrance fee to week-end workshops for turners will be \$2 for the whole week-end or \$2 for either day. Non turners (spouses) fee will stay as it was, that is \$1. Venues can cost as much as \$150. Turners can in one week-end have as many as 7 cups of tea and cake and biscuits - not bad value these days. Where else can you get such a week-end for \$2. A big thank you to all those who bring cakes and biscuits to most week-ends.

OFF THE CRUTCHES

Glad to hear of return to duties of John Lillywhites Turners assistant. Hettie is well on the road to recovery after her fall in which she broke her arm and ankle.

*Shropshire Centre
Belmont 14-19 August*

APRIL 1989 WORKSHOP/MEETING

**VENUE: LOFTUS COMMUNITY CENTRE, CNR LOFTUS AND RICHMONDS
STREETS, LEEDERVILLE.**

TENTATIVE PROGRAMME

Saturday 15th April 1989

- 09.00 am Start - fellowship
- 09.45 am Morning tea
- 10.00 am First Demonstration - Brian Adams
- 11.00 am (i) Second Demonstration - Tom Kettle - Cabriole
leg turning
(ii) "Hands On" for beginners
- 12.00 Lunch
- 1.30 pm Special General Meeting
- 3.30 pm Afternoon tea
- 3.45 pm "Hands On"
- 5.00 pm Workshop ends for the day
- 5.00 pm -
6.00 pm Fellowship
- 6.00 pm Buffet dinner
- 7.30 pm Lecturer or Guest Speaker

Sunday 16th April 1989

- 08.00 am Meeting Management Committee
- 09.00 am Start - "Hands On" Demonstration
- 10.30 am Morning Tea
- 11.00 am Voting closes for competitions
- 12.00 pm Lunch
- 1.00 pm Competition results and "Show & Tell"
- 3.00 pm Workshop ends. Cleaning up.

This Community Centre is part of a new \$4 Million complex comprising a Library, a Recreation Centre and other facilities.

The Library will be open until 12.00 Noon on Saturday and Ladies or members who wish to visit should bring their own Library card and proof of residence.

MAY ASSOCIATION WEEK-END MANDURAH 20 & 21

VENUE: Mandurah High School, Gibla Street

PROGRAMME: Saturday

Chisel Sharpening - John Shinnick
Chucking methods - Gordon Ward
Bowl & spindle work - Lionel Cousins
Lidded Boxes,
Lace bobbins & goblets.

Hands on - 3 Lathes:-

Keith McQueen	Gordon Ratcliffe
Brian Adams	Gordon Ward
Tom Kettle	John Shinnick

Sunday

Safety - by Mike Kenny
Hands on Revision.

COMPETITION

OPEN) Platter - Up to 350 mm in diameter
NOVICE) Height up to one tenth of diameter.

Would members who are coming to this show bring an item they have kept for themselves or "anything", to build up a good number of items for a "Display Only" table as requested by the Craft Master at this school.

Thanks in anticipation.

Some of the above nominated "Demo" members have yet to be asked to do so.

Dick Morley

PLATTERS.

When is a plate a platter? Is a platter a tray? Can a platter be small? If none of the preceding, what then?

Despite extensive research into medieval archives held by the University of Lower East Kelmscott, the best I can come up with is a platter is a large flat bottomed plate with raised edges for serving roast meats on!

So for the purpose of competitions, a platter will be:-

A large plate exceeding 300mm diameter, the height of which shall be no more than 1/10th of the diameter. The bottom of the platter to be flat on the internal surface for at least 3/4 of its diameter.

FEBRUARY MEETING 18/19

Busselton Turners hosted this meeting which was held in ideal premises at Churchhill Park. Committee member Cyril Jones welcomed 120 members and wives at morning tea, also visitors who were keen to watch the activities.

John Shinnick gave a well received talk on the various aspects of tool sharpening. Thanks, John.

Luncheon was followed by President Geoff Barkla's address. Geoff thanked all for attending especially those who travelled long distances and also organisers of the meeting. He also paid tribute to stalwart Keith Johnson in hospital with health problems and voiced everybody's wish for Keith's speedy recovery.

Afternoon demonstrations were given by Brian Launer on bowl turning with specially shaped gauges as used by Liam O'Neill of Ireland and Gordon Ward opening up goblets in the Dennis White style.

After a barbeque tea the following speakers delivered very interesting talks -

Tom Britton, retired timber worker, on the timber industry in the early days CALM representatives Charlie Broadbent and Grant Cummins spoke on where we are going in the future with the timber industry and how the forests strategy is not to use more timber than we can reproduce.

Sunday session consisted of 'Hands On' the lathes and counting votes for competitions.

RESULTS

Open: 1. Keith Johnson
 2. Keith Stouth
 3. Carl Wittber

Novice: 1. Bob Adams
 2. Don Keynes
 3. Tony Milson

Ladies Choice: Keith Johnson

Thanks Busselton for a thoroughly enjoyable week-end.

ORGANISING ASSOCIATIONS: WEEK-ENDS

This is a story about four people named Everybody, Somebody, Anybody and Nobody.

There is an important job to be done and Everybody was asked to do it. Everybody was sure that Somebody would do it. Anybody could have done it but Nobody did. Somebody got angry about that because it was Everybody's job. Everybody thought Anybody could do it but Nobody realised that Everybody wouldn't do it. It ended up that Everybody blamed Somebody when actually - Nobody asked Anybody.

The only place where SUCCESS comes before WORK is in the dictionary!

\$10. COMPETITION UPDATE - BUSSELTON.

At the Kenwick weekend, no one recognized the wood - 'Mallee Root'
The prize jackpotted to \$20 for Busselton.

The Busselton correct answers were:-

1. Wood: 'Peppermint - Agonis Flexusosa'.
2. Finish: Mirrothane 885, approx. 35% gloss.
3. Age: 15 years.
4. When cut: October 1988.

Yes, it was turned green.

No, it was not microwaved.

Yes, it was a limb.

Won by: Equally, Carl A. Wittber and A. R. Morley.

There were 36 entries and 10 had the correct answer for wood - 'Peppermint'.

Thank you members. - John Lathwell.

By the way, if you have a piece of turned wood that you think would stump the others, please let me know. John Lathwell. 291.6280.

W.A.W.A. Screen printed logo.

Get your apron or shirt print for \$1. each print.

WARWICK SHOPPING CENTRE

PROMOTION

The "set-up" on Sunday morning went very smoothly. Members' items were displayed by a selected few with plenty of experience of how to maximise the 32' of display space. The U shape display looked very good with two clock boards and two lathes (a Tough and T-Gen) forming the fourth side of the rectangle. The display location was in a prime location en-route to the car park and very close to the banks. Our location in relationship to the banks was certainly beneficial as many shoppers needed to pop to the bank to draw out more money to buy some of the excellent work that was on display!

Sales for the week can only be described as very brisk with the total being what must be an all-time record. "Woodturners on display" was the newspaper heading in the local papers which helped in our publicity for the centre promotion. The article was run the week of the promotion this time rather than the week before. This, at the advice of the media people, achieves an instantaneous decision to visit a display rather than running an article a week before which can be quickly forgotten.

As a result of our successful Warwick promotion we already have been invited to Mirrabooka Shopping Centre. Details will be circulated if and when it is confirmed.

I would like to take this opportunity to thank everyone who assisted with the organising and running of the Warwick promotion. A very special thanks to Brian and Nancy Launer, Ron and Thora Smith and the Ladies who did an excellent job on the sales side and were there each day with a commitment to the smooth running and professional image of our Association.

Happy turning!

Alistair Toop

DEMONSTRATOR'S WORKSHOP.

It has been well nigh impossible to organise a weekend workshop which did not clash with other engagements over the past couple of months.

Caution has now been thrown to the winds! If this weekend set for 6th 7th May. clashes with another engagement then in the words of that great linguistic scholar Sheila, "Tough T--ies", we must get on with it.

The main thrust of the workshop is not to check up whether you can turn or not but rather to teach how to demonstrate, project your voice, use the microphone, hold your audience, etc.

We would like at least two members from each Metro group to attend and, subject to numbers accepting, it could be open to more.

The venue will be just south of the river, as central as possible to all. A nominal charge of \$5 for tea, coffee, etc. will be the only cost to you. Further information will be sent to each group shortly.

FINE WOODWORKER

The Chairman of the Fine Woodworker Association, Mr Peter Kovacsy who is also a member of our Woodturners Association living in Pemberton, recently met with Messrs. Barkla, Jones and Rundle. He took this opportunity to tell them he was envious of the way the Woodturners Association operated and the way the members freely exchanged ideas, tips and hints and generally assisted on another.

Mr Kovacsy also referred to the fact that they were having an open day at Pemberton on 24/25 June and he would probably be inviting John Shinnick to attend and demonstrate his skills in tool sharpening. He also indicated other members of the Association would be very welcome to attend and to see their operations in Pemberton.

PROMOTIONS CALENDAR

Any invitation to members of the Woodturners Association to participate in exhibitions, craft fairs, shows, shopping centres etc. should be passed on to Brian Launer, Unit 7, Busselton Gardens, Court Street, Busselton, Telephone 097-523998. For approval from the Management Committee and so that a calendar of events can be made up.

STOP PRESS

Design Workshop

The Association has been granted \$300 by the Crafts Council of W.A. to assist in the promotion of design lectures/workshops.

Mr Steven Rubeck, Senior Lecturer, Department of Design, Curtin University has been engaged and he has attended one of our week-end workshops. He understands the needs of members and a 2 day workshop will embrace much of the work undertaken in a semester at Curtin.

The Programme is restricted to 40 members, the workshops are participative and will involve hands on with modelling clay. The objective is to bring creativity into basic design and Steven will make it entertaining and light.

The venue has not yet been selected, but it is expected to be central metropolitan area.

The programme will be - Saturday 24th June 9 am - 5 pm
Sunday 25th June 9 am - 3 pm

Registration will be \$25 which includes all materials, and morning and afternoon teas.

If you are interested, please send your cheque now to me together with the tear off section. Please respond quickly, if more than 40 want to attend, the Committee can consider this in April.

Final details will be advised as soon as the necessary arrangements have been made.

MILTON RUNDLE
SECRETARY

M. Rundle
26 Norbury Crescent
CITY BEACH 6015

Please register me to attend the lecture workshop proposed to be held in June 1989.

Name.....

Address.....

Phone No:.....Cheque enclosed

"This project is assisted by the Crafts Council of Western Australia through funding provided by the Visual Arts/Craft Board of the Australia Council".




CELERY TOP PINE

(*Phyllocladus asplenifolius*)

Celery Top Pine is extremely valuable for decorative and special uses, particularly fine furniture, cabinet-making, boat-building and articles of wood craft.

A white or pale straw coloured wood, its quiet presence makes it popular as internal panelling and it is being used increasingly as a weather board that does not require painting. Celery Top Pine usually has a distinctive grain, but it is sometimes confused with the more famous Huon Pine.

For a softwood, Celery Top Pine is strong, hard and has low shrinkage. These qualities, combined with its durability and resistance to water, make it ideal for functional items and particularly useful for table and kitchenware. It takes its name from the formation of its cladodes (which look like its leaves) which are actually flattened branchlets having the superficial appearance of celery leaves. The true leaves are reduced to tiny scales on the branches.



But there's always some dumb rooky
who thinks a gauge is just another axe.
He might as well be sitting in the "nookie".
For all the skills of turning he does lack.

He looks upon the wood as only firewood
and proceeds to knock it out of shape.
What he does to chisels is not good.
His efforts never will be put on tape.

But when he joins with the Association
he has begun to live for better days.
His efforts bring from others commiseration
for he's trying, getting better in his ways.

Edgar Lewis

BLACKBOYS

Of course the blackboys grow well from seed, but progress is slow: about an inch a year is a good speed for the average plant and with increasing age, even this tapers off. Sometimes several heads will appear, usually due to some injury to the plant.

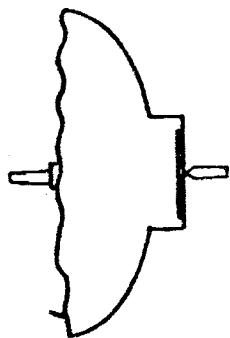
However, given patience and a front-end loader, a tree can be lifted out of the ground complete with enough soil around its roots to make transplanting possible. The experts recommend spring, but to my mind it is at the end of the summer, when ground water is at its lowest, that the native plants are at their most somnolent and can be shifted with most safety. That at least has been my technique, and it has proved its worth in a dozen species. Fortunately my own building block was so covered with blackboys that counting heads made me a rich man. It takes thirty dollars at least for a plant to be established in a home garden, and I had some forty already growing.

Though the blackboy may be slow, the kingia, its cousin, a lover of swampy places and adorned with a regular battery of drumsticks instead of the single flowering spike of the other, makes a snail's progress. Botanist Jim Willis wrote to me of measurements made by forester Charles Lane Poole, who measured the growth over a long period of time and found it advanced at the rate of an eight of an inch a year. A foot per century; ten feet in a thousand years. I have seen kingias twenty-five feet high, trees which had started their slow upward progress before Christ was born.

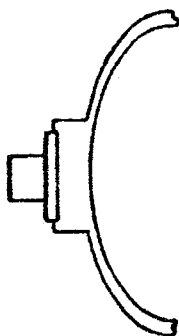
PROMOTIONS MEDIA RELEASES

No member of the Woodturners Association shall release any written matter such as catalogues, posters etc. without authority from the sub-committee for promotions, exhibitions, demo's and sales of members craft work.

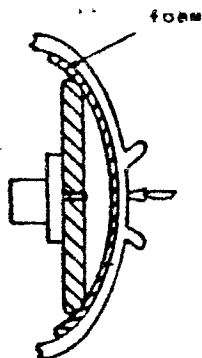
METHOD 2 You will need to use this method when turning the foot on wavy (bark) edge bowls.



Swing the bowl between centres so that the two high edges and the two low edges can be balanced. Turn a base to suit either a faceplate or a chuck.

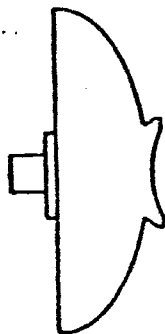


Hold the base with a chuck or a faceplate, then hollow out the inside of the bowl. Power sand the in and outside surfaces.

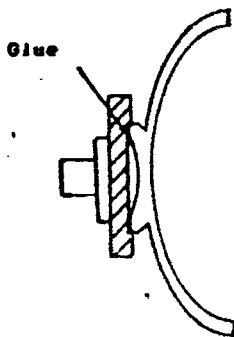


Put a disc of 19mm ply on a screw centre and make a mandrel with a radius on the rim. Place the bowl over the mandrel using a piece of carpet underlay or foam inbetween to protect the bowl surface. Place the tailstock centre in the centre of the base, then turn and sand the foot. The small spigot where the tailstock centre was can be cut and sanded by hand after removal from the lathe.

METHOD 3, For smaller bowls only.



Turn and sand the outside of the bowl and finish the foot.



Use a waste piece on a faceplate, then turn a recess in which the foot fits. Glue in with three small spots (5mm) of hot melt glue. Turn and sand the inside of the



Either turn off or lever off the bowl from the backing plate, then peel off the leftover glue. Thinners will act as a solvent for hot melt glue.

NORTHERN MACHINERY PTY. LTD.,

Unit 5, 136 Balcatta Road, Balcatta, 6021.

PHONE 344 5884

Contact: JOHN RAYNER & GREG SOLIN
 Woodworking Machinery & Accessories
 Woodturning & Woodcarving Supplies
 Router Cutters, Saw Blades, Drill Bits
 Air Compressors, Air Line Fittings
 Flexovit Abrasives
 your local ...



ERINDALE

BALCATT A RD

NORTHERN
MACHINERY

LEDGAR RD

ODIN RD



TELEPHONE 272 3944, 272 3991
AM 408 8628

POWER TOOLS AND MACHINERY SALES

SHINANO AIR TOOLS

Distributors for: Metabo, Makita, A.E.G., Black & Decker,
 Elek, Star, Ivata Spray Equipment, Welding Equipment, Router
 Cutters, Lathe Cutters.

Ray Ramago.
Sales Representative

13 Beechboro Road
Bayswater, 6053

WOOD LATHES
WOODWORKING
TOOLS
EQUIPMENT



NOW
AT

LOCAL GROUPS

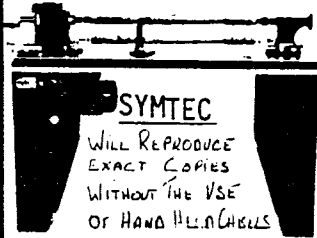
- Kenwick. 1st and 3rd Wednesday 390 6418 - 398 3910
 MUNDARING Fridays 295 1867 - 295 4486
 BUSSELTON 3rd TUESDAY (097)523 978 - (097) 553 606
 BUNBURY 1st Wednesday, 3rd Friday (097) 261 020
 DIANELLA 2nd Wednesday, 276 8781 - 447 5285
 MIDVALE 1st Friday, 291 7682 - 291 6280 - 293 4330
 MELVILLE 4th Thursday, 330 5565 - 341 3235
 MANDURAH Evenings 534 3066

Hamersley Hardware & Wood Turning Tools Supplies

P+N WOODTURNING TOOLS

Arthur Panos
or Ann Panos
448 1667 a/hrs.

75 Eglinton Crescent
Hamersley 6022



STOCKISTS: TOUGH, DURDEN, WOODFAST,
OF T-GEM, SAMCO, BROOKLYN LATHES

W.A. AGENT FOR THE UNIQUE SYMTEC LATHE

SANDERS, BANDSAWS, COMBINATIONS
SORBY CHISELS, SAW SHARPENING



HUGH W. BROWN (AUSTRALIA)

1301 ALBANY HIGHWAY
CANNINGTON: PH. 458 4488

OPEN
SATURDAY MORNING



W.A.'s 3

WOODTURNING CENTRES



ALL YOUR NEEDS FOR:

LEISURE ACTIVITIES WITH WOOD

WOOD LATHES: Tough, Woodfast, Teknatool, Durden, Vicmark

WE HAVE:

THE EQUIPMENT AND ASSOCIATED CRAFT ACCESSORIES
CHISELS, BOOKS, VHS TAPES AND CAN ORGANISE YOUR LESSONS

CROSS ELECTRICAL SUPPLIES
UNIT 2, 8 PITT WAY, BOORAGOON

TELEPHONE (09) 330 3137

90 BLAIR STREET, BUNBURY

TELEPHONE (097) 21 5858

THE WOODWORKING CENTRE
14 STANHOPE GARDENS, MIDLAND

TELEPHONE (09) 274 5655

ACKNOWLEDGEMENTS TO HUNTER VALLEY

BOWL TURNING.

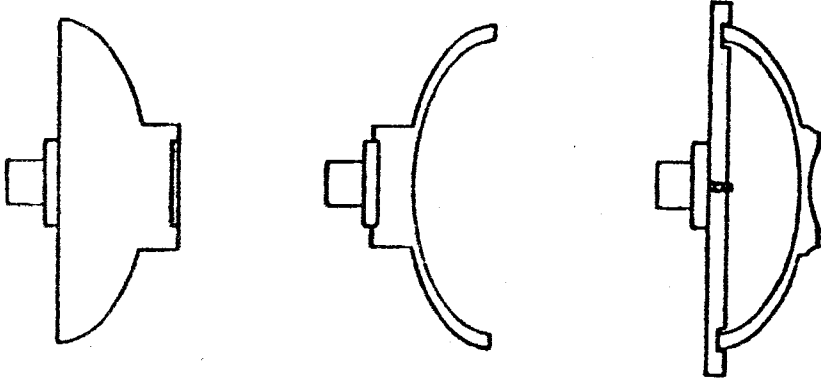
SOME ALTERNATIVE CHUCKING METHODS.

by Neil Scoble.

I am one who believes that screw holes in the base of a finished bowl is a definite no - no and should not be tolerated, especially on pieces that are to be exhibited.

If you are fortunate enough to have special chucks to use, i.e. a three jaw chuck, a spigot chuck or even a precision combination chuck, then you will certainly find bowl turning much quicker and easier. Many turners seem to run into trouble with base designs on bowls simply by using a faceplate of too large a diameter. An 85mm (3.5") diameter faceplate is adequate to turn bowls up to 300mm (12") diameter. Self tapping screws with a pozzi (phillips) drive, power driven with a cordless drill seem to be the best to use, as it not necessary to pre-drill holes. The screws only need to penetrate into the wood 12mm (.5"). If the bowl jumps off the lathe then maybe you need to examine how you were trying to turn.

METHOD 1



Hold the blank on a faceplate, screw centre or pin chuck. If using a faceplate, then turn a recess the diameter of the faceplate so that it will be on centre when you turn it around.

Screw on the faceplate in the recess then turn out the inside of the bowl. Now power sand the in and outside surfaces.

Use a mandrel on a screw centre and turn a recess into which the rim of the bowl will press fit. Turn the screw holes out. then shape and sand the foot. Tailstock (Bearing centre) support can be used if needed.



CHAIN SAWS

Discount Prices
FOR CLUB MEMBERS

**Bassendean
Lawnmower &
Chainsaw Centre**
95-97 Old Perth Rd., Bassendean
Phone 279 3668

T-GEM T-GEM T-GEM T-GEM T-GEM

T-GEM

T-GEM

T-GEM

T-GEM

T-GEM

T-GEM

WOODWORKING LATHES BUILT TO DO THE JOB

Two models available.

Max Dia. over bed 406 457	4 speeds 500 1000 1700 3500
Max Dia. outboard 660 760	Live centre, Hollow tail stock
Between centres 914 1219	No. 2 Morse Tapers

BARNWELL ENGINEERING DEVELOPMENTS
Unit 5, 2 James Street, Bayswater
Western Australia 6053
Phone: (09) 272 8033 for details

READER SERVICE 32

T-GEM T-GEM T-GEM T-GEM T-GEM

457 8323

WILLETTON HARDWARE

7 DAYS A WEEK OPEN

177/90
630/111
3/9 Augusta Street,
Willetton. W.A. 6155

Sorby Tools

WOODTURNING ACCESSORIES

Quality finishes

LATHES.

General Hardware

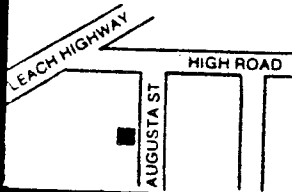
Paint Supplies

WOODFAST

Screw Spigot Chucks

Screw Cup Chucks

SUPER CHUCK KITS.



PHIL KNOWLES

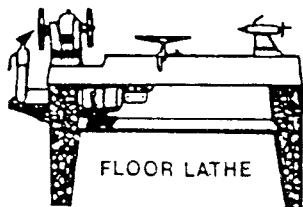


THE
WOODTURNERS
 ASSOCIATION OF WESTERN AUSTRALIA INC

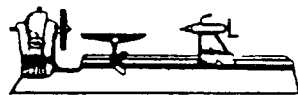


The Ultimate in Professional
 Wood Turning Lathes

2 MODELS ILLUSTRATED
 HEAVY IRON CASTINGS
 FOUR SPEEDS - V BELT
 OUTBOARD TURNING
 36" BETWEEN CENTRES
 6" SWING



FLOOR LATHE



BENCH LATHE

ACCESSORIES
 AVAILABLE

Manufactured by

F. & R. TOUGH PTY LTD
 Ironfounders, Engineers & Toolmakers
 BELMONT, WESTERN AUSTRALIA

POSTAGE
 PAID

X 559

Mr. W.L. Nicholls
 68b Preston Point Rd
 East Fremantle 6158

RETURN ADDRESS: 4 Grancy Avenue, Mundaring, 6073

REGISTERED BY AUSTRALIA POST. PUBLICATION NO WBG1883