



◀ Hands-on tutoring by Johan at Hobby-X

Crosscut

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Next Turners Meeting on Monday, the 3rd April 2017 from 18h00 at the Living Link Hall – Turning a triangular bowl from a cube - demonstration
Next General Meeting on Wednesday, the 12th April 2017 from 18h00 at the Living Link Hall – Show and tell “jig extravaganza”
Clubhouse Demo on Saturday, the 22nd April 2017 from 9h00 at the Albertskroon clubhouse – Re-sawing and cutting veneers demonstration by Clive and Herman

News

6th March 2017- Turner’s meeting. Using resin in woodturning – by Herman Potgieter.

Herman used a piece of sneezewood (Ptaeroxylon obliquum) with a large split down one side to show how he makes epoxy infills. He used quickset epoxy mixed with pigments to fill the split. After some time for the resin to set, he turned and polished it on the club’s Nova Comet 2 lathe. Herman wasn’t taking any chances with the sneezewood triggering an allergic reaction, so he wore a mask. Herman suggested which resins to use and explained how he mixes in pigments to achieve the effects he wants.



8th March 2017- General Club meeting. Finishing with Annie Sloan Chalk paint (www.anniesloans.co.za) by Reina Luck from Silk and Swag They can be found at 68 6th St, Parkhurst. See www.silknswag.co.za for more information. Reina and her business partner Karen Polson are the agents for Annie Sloan chalk paints and supporting products. Due to the textured nature of chalk paints, brush application using special brushes is needed to get some of the desired effects. Annie Sloan offer specialised brushes for this. Reina showed how they achieve the distressed look that is fashionable



when redecorating old furniture. They also offer workshops and a decorating service.

Fired Earth (Promac) also offer a range of chalk paints, available from Builders Warehouse (<http://www.fired-earth.co.za/chalk-paint>). Rust-Oleum also make chalk paints for aerosol and brush on. Matt PVA paint mixed with interior crack-filler can also be used to approximate chalk paint.

A close relative of chalk paint is milk paint that was commonly used on Shaker furniture, albeit in brighter colours than the pastel colours that seem to be fashionable now. This comes in a powder form and is mixed before use. It can also be made from skim milk and powdered pigments such as described by Janice Anderson on the home-dzine web site (<http://www.home-dzine.co.za/decorating/decorating-milk-paint.htm>)



Hobby-X – happened on the 2nd to 5th March 2017 at the Dome, Northgate, Randburg. This

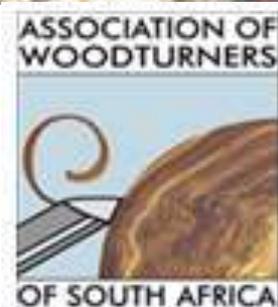
year the WWA had two stands – one for demonstrations and across the isle, one for display. This proved to be a success, as there was much more space to display and this was reflected in the considerable interest in the wood-ware made by the members. We had three lathes in action - the two club lathes (A Nova Comet 2 and a Jet Mini) as well

as Frans' Jet Mini, as well as Wally Pretorius' Hegner Scroll saw. Pierre took up a corner of the stand to demonstrate his Tormek sharpening station.



Johan Kramer and Schalk van Niekerk also took stands to showcase their activities as well, so wood-turning was well represented this year.

Demonstrators made a variety of items ranging from simple, five-minute demos that could hold the attention of the average show-goer from start to finish up to more elaborate pieces such as bowls, needle cases, and jewellery to show the range of possible projects on the lathe.



Club Notices

AWSA Annual Congress – the date for the 2017 AWSA congress has been announced – it will again be in George from the 22 to 25 Sept 2017. (Monday, the 25th is a public holiday.)

AGM. The 2017 Annual General Meeting of Witwatersrand Woodworkers Association will be held on Wednesday, the 10th May 2017 at the Living Link Hall, Parkhurst. Free Bockwurst rolls will be supplied.

An email notifying members of the AGM, with minutes from the 2016 AGM, agenda and proxy form was sent to members on the 30 March 2017. If you didn't receive the notification, please contact the secretary, Alistair Brande on secretary@wwa.org.za. The AGM will be followed by a demonstration of the new Triton WX Workcenter and Armor clamps. We look forward to your support.

IMPORTANT DATE CHANGES

Due to public holidays the following changes will be made to meeting dates:

1. The Turners meeting in May will take place on Tuesday **2nd May 2017**,
2. The Cabinetmakers meeting in August will take place on Thursday **10th August 2017**.

Regular Events:

Toymakers. The toymakers meet on the first and third Mondays of every month, at 09h00 till 12h00 at the Albertskroon workshop. Meetings will be cancelled if they coincide with a public holiday. Contact Eddie Marchio on 011-678-8062 or [rm22 AT mweb.co.za](mailto:rm22@wwa.co.za) for more information.

Ken's Saturday Workshop. Ken Bullivant holds a Saturday workshop at his house in Boksburg. The location is 13 Franklin Avenue, Comet, Boksburg on the first Saturday of the month from 09:00 to 12:00. They decide on an annual project and work throughout the year making it. Individual projects are discussed and problems solved. Ken also offers private lessons too. Contact Ken on 082 809 0020 if you wish to take part.

Friday Morning workshop - Winston Klein will be convening a workshop at the Albertskroon work shop on the 1st and 3rd Fridays monthly from 09:00 to 12:00. Contact Winston at 072 553 5045 or [kleins AT iburst.co.za](mailto:kleins@wwa.co.za)

SPIRIT OF THE WOOD - WOODTURNERS

Offering Woodturning lessons, One-on One Training, Classes and Club, Willing to assist persons with limited physical/intellectual abilities. Contact Johan Kramer on 083 251 0183 or Johankramer300@gmail.com

Saturday meetings

1. Second Saturday of month - Eddie will open the workshop – 011 678 8062 [rm22 AT mweb.co.za](mailto:rm22@wwa.co.za)
2. Third Saturday of month – Clive will open the workshop – 083 407 8008 [stacey AT netactive.co.za](mailto:stacey@netactive.co.za) Clive will also open the workshop during the week “BY ARRANGEMENT”
3. Fourth Saturday of month – Graham will open the workshop – 082 900 0242 [grahamcr AT mweb.co.za](mailto:grahamcr@wwa.co.za)
“SHOULD NO ONE ARRIVE BY 10h00 THE WORKSHOP WILL BE CLOSED.”

Please can the conveners complete the attendance register on the bar counter, so we can gauge attendance?

How Files are Made

Here is another source that describes more detail of how files are made. This is taken from the book: “The Recycling, Use and Repair of Tools” by Alexander G. Wygers, 1978, republished by Ten Speed Press in 1997.

MAKING FILES AND RASPS

It is not difficult to make a fairly crude file, but handmade files cannot compete with machine-made industrial ones. In any critical filing job, machine-made files should be used. If, however, you are in emergency need of a particular file and the nearest supply house is too far away, you can make one without too much difficulty.

Forge the file blank from high-carbon steel stock. Anneal it slowly to its softest. Fasten the blank on an end-grain piece of wood clamped in the vise.

Any sharp-edged cold chisel, held in a fairly upright position and struck with a heavy hammer, can raise a sharp cutting edge like those of a file. The illustrations give an idea of what happens when the angles at which the bevels of cold chisels are ground cut the steel in various ways. They can form fine or blunt teeth depending on the slant of the chisel to the surface of the file blank.

It is true that any sharp, raised part of a piece of steel will, when hardened correctly, cut steel like a file. But centuries of experience in file-making have taught manufacturers which angle and which combination of spacing and cross-cutting of the teeth will give the best results. These findings have been applied in designing file-making machines that cut file teeth at their most effective and uniform. Reader will find that hand-cut file teeth can produce a usable file even though it may be less refined than machine-cut files.



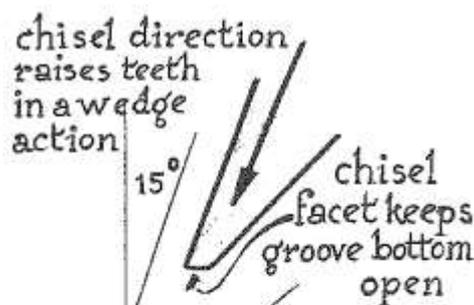
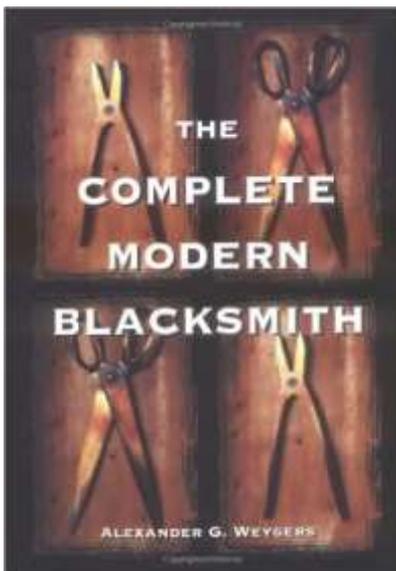
The excerpt of the book referenced above by Alexander Weygers is one of a trilogy first published by him in 1978 and reprinted in 1997. The three titles *The Modern Blacksmith*; *The Recycling, Use, and Repair of Tools*; and *The Making of Tools* were republished as single volume.

If you like tinkering, making your own tools, blacksmithing, and using tools made by yourself for wood carving and general woodworking, it is a delightful resource. It is full of pencil sketches illustrating the text, so you can picture

what he is explaining. It is still available.

Weygers was an interesting character who trained as a blacksmith, mechanical engineer and then sculptor. The books are full of practical advice with an emphasis on DIY. Some of the techniques may not meet modern Health and Safety standards, so you should exercise caution and judgement when following his advice.

See https://en.wikipedia.org/wiki/Alexander_Weygers



for best results:
 space between teeth equal
 depth of teeth equal
 each hammer blow to 1 tooth
 all blows of the same force
 groove bottoms somewhat rounded

use cold chisel edge to cut steel surfaces or raise file & rasp teeth

steel surface is cut in a hacking action



serrating action raises cutting edges in files & rasps



metal is raised by wedge action

bastard file teeth are cut deep & spaced farther apart
 smooth files are cut shallow & more finely serrated



smooth files are less spaced & raised