

NEWS 168



May 2021

www.tttg.org.au

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What is TTTG?

TTTG is the Traditional Tools Group; a not-for-profit group of like-minded enthusiasts interested in the history and preservation of traditional trade skills, techniques, and tools, including hand tools, machinery, and other old technologies. TTTG was established in 1992.

Our bi-monthly Members' meetings feature a guest speaker presenting diverse topics related to tools, trades, and technology.

Keeping traditional tool skills alive is a key objective of TTTG. "Real Skills" workshops have been held every year since 2005. These popular fee-based workshops, open to all, are designed to guide participants in developing their tool skills and practicing new techniques.

The Group sells old tools and machinery at affordable prices. Three "members and friends" tool sales are held each year. These tool sales are at the Old Eastwood Town Hall.

Every February TTTG runs Sydney's largest second-hand tools sale. The Annual Tool sale is at The Brick Pit Sports Stadium in Thornleigh.

The TTTG digital magazine, "NEWS", is published four times a year.

Membership of the Traditional Tools Group is open to anyone with an interest in traditional tools, history, techniques, and skills.

TTTG Membership Rules

The MEMBERSHIP YEAR starts 1 July and ends on the following 30 June.

The MEMBERSHIP FEE is currently \$50.

The MEMBERSHIP FEE is due to be paid on 1 July each year and must be paid on or before August 15.

A Member may choose to pay the Membership Fee one year in advance, but only from 1 January in the current Membership Year and only for one year. *Other advance payments will not be accepted.*

A Member who has NOT paid their Membership Fee by August 15 becomes an UN-FINANCIAL MEMBER.

From August 15 an UN-FINANCIAL MEMBER will cease to receive the NEWS magazine. Access to the Members' area of the TTTG website will also cease.

A NEW MEMBER joining between July 1 and March 31 the following year is a full Member for the remainder of that Membership Year only.

A NEW MEMBER joining between April 1 and June 30 does not become a full Member until the following Membership Year and must pay the Membership Fee applicable to that Membership Year.

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Cover: image from *Sargent Planes - 1925 Catalogue*

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June Members' Meeting

Sunday 13 June 2021

Sale of surplus tools & Old Tools Auction

For details of TTTG Meetings and Tool Sales go to the TTTG Website

www.tttg.org.au

or Email: secretary@tttg.org.au

NEWS Magazine, Contacts & Fees 2020/21

NEWS Magazine is sent to all financial members during

FEBRUARY MAY AUGUST NOVEMBER

From 30 June 2020 NEWS Magazine is sent only by email.

2020/21 TTTG Fees

Membership	\$50
Workshops	\$60
Tool Sale Entry	\$10
Meeting Entry	\$5

TTTG Contacts

Editorial/Advertising
Enquiries:

Bob Crosbie
bobcrosbie@tttg.org.au

Membership Enquiries:

John Bates -
secretary@tttg.org.au

Next Meeting:

Sunday 13 June 2021

2.00pm

Email: secretary@tttg.org.au

and tell us, "I will be there"

Bargain Tool Sale & Auction

TTTG needs to make space!
#4 Stanley Planes \$15 and \$20 each
Parts from \$5 Handles \$10 each

Auction Ryobi Router and Belt
Sander

Entry only \$5

Volunteers Wanted

- To demonstrate skills.
- To "sell" TTTG.
- To write articles.
- To help with the website.
- To sort tools.
- To repair tools.
- To repair old machines.

TTTG needs members who can
talk to an audience and can
demonstrate "real skills".

Why not get more involved?

The June Members' Meeting

Sunday 13 June 2021 Old Eastwood Town Hall 2.000pm

Bargain Tool Sale and Auction

TTTG is overstocked with small tools.

Bargain table of tools priced from 50 cents to \$5.

#4 Stanley Planes \$15 and \$20 each

Plane Parts from \$5

Plane Handles and Knobs #2-#7 \$10 each

TTTG products will also be available.

Auction Ryobi Router and Belt Sander \$25 Reserve.

A meeting not to be missed!



Email secretary@tttg.org.au "I will be there". Only 35 admitted.

TTTG Meetings

All TTTG Meetings will include

**Bargain Tools for Sale &
Auction of quality tools**

Plane Handles and Knobs #2-#7 \$10 each

Citric Acid \$5 Sharp Oil \$6 or 2 for \$10

2021 July to September “Real Skills” Workshops

* Grand Dad's Tools

Sunday 20 June 2021

The essential woodworking tools

The hand tools you really need.

Planes, saws, squares and gauges, chisels.

Measuring and marking out skills.

How to use these essential tools.

What are the best tools, old or new tools?

What you really need Grand Dad might have!

You don't need to throw money at it.



* Hand Cut Dovetails

Sunday 18 July 2021

Making dovetails with traditional tools

Sharpening dovetail saws and chisels. Setting out dovetail joints.

Dovetail pitch and templates.

Fitting and gluing dovetail joints.

Making dovetails with traditional tools.

Using the cutting gauge. Using the coping saw.

Fitting and gluing dovetail joints.

No expensive jigs, no Japanese saws and chisels.

How to sharpen traditional saws and chisels for cutting dovetails.

The essential tools for success? The Cutting Gauge and Coping Saw.

* Sharpening & Using Planes and Chisels

Sunday 22 August 2021

What is Sharp? How do chisels and plane blades cut?

Grinding and Honing Angles.

Taking an edge tool from blunt to razor sharp.

Traditional methods to achieve a razor-sharp edge.

Using a Pedestal grinder. Soft and sharp wheels.

Using Oilstones and Diamond Plates.

No expensive jigs. Eclipse Honing Guide.

What you really need you probably have!

* Using Routers and Trimmers

Sunday 19 September 2021

Routers, Trimmers and Router cutters.

What routers can do.

Home-made Router Jigs.

Commercial Router Jigs.

Working safely with Routers.

Buying new and old Routers.

The hazards of noise and dust.

Buying Router cutters.

Router repairs.

The next Tool Sale is 5 December

The May Tool Sale was Great

The December Tool Sale will be better!

Table bookings for 5 December Tool sale now open.

Get in early to avoid missing out. Tables \$50 each



The tools Grand Dad could buy

Eclipse manufactured a wide range of quality hand tools from the 1930's.

The 1920's advert left by James Neil & Co, the manufacturer of Eclipse Tools, indicates the company was into making products from "razor blades to hand tools". After World War 2 Eclipse developed a range of "modern design tools" using the best steel combined with modern materials.

Some of these tools are now classic tools, still copied and in production.

These tools include Eclipse 35 Honing Jig and Eclipse Hacksaw Frames.

Some of the post war Eclipse tools are no longer in production, for example the Eclipse Striking Knife.

Real Skills Workshops after September

* *Repairing and Using Moulding Planes.*

* *Repairing and Using Grooving and Rebating Planes.*

* *Sharpening Hand Saws.* * *Making Router Jigs.*

If there are indications of interest:

* *Make a spokeshave or scraper*

TTTG will supply a quality old spokeshave blade

TTTG will supply the wood (American Beech)

Or

You can bring a blade

You can bring your own wood

The scraper will be a “Chairmakers’ Devil”

A sharp Devil makes shaving any hardwood a pleasure!

Real Skills Workshops

Only TTTG offers courses like this one in March 2021

Repairing and Using Moulding Planes

Ten participants, all actively engaged and leaving keen to learn more.

Compare this to some of the classes offered by a high-profile organisation. Marketing on the back of the right to repair movement but offering what?

Tool Abuse 101 in contrast to TTTG offering ***Real Skills!***

Real Skills classes are not restricted to “the unplugged experience”.

TTTG classes promote safe hand tool skills and machine tool skills.

TTTG promotes the use of the “best tool for the job, old tool or new tool.

Real Skills classes have the sub theme: ***Don’t throw money at it.***

All TTTG classes include suggestions on buying “old and new” tools.

Learning online

Paul Sellers: A Lifestyle Woodworker

The bulk of the online “teach yourself” material is at best misleading. The Paul Sellers’ blog is worth reading. For comments on “plane experts” go to Paul’s May and June blogs.

The presenter of the TTTG “Real Skills” Workshops has similar opinions!

<https://paulsellers.com/woodworking-blog/paul-sellers-blog/>

TTTG Real Skills Workshops \$60

#Enrol Online	All enrolments are online No “pay on the day” No refunds
#What to wear	Enclosed shoes Sensible clean clothing
#What not to wear	Heavy Industrial clothing Nail bags
#What to bring	Lunch
#Can I bring my tools?	Yes, but “use TTTG tools”

The classes start at 9.30am after “sign on” from 9.15am.
Lunch is around 12.30pm and the class finishes by 3pm.

***The TTTG Workshop is a compact learning space.
There are no chairs to minimise “trip hazards”.***

Real Skills Classes

The TTTG “real skills” classes continue!

The TTTG “real skills” classes concentrate on the need to develop skills before buying numerous jigs or gadgets.

The workshops organiser’s motto is ***Don’t throw money at it.***

The three core “real skills” classes are

- Saw Sharpening
- Plane and Chisel Sharpening
- Tool selection and use

The advanced “real skills” classes are.

- Using planes
- Using saws and chisels
- Making Router Jigs
- Dovetail Joints

Getting the most from TTTG classes

TTTG classes are in a safe workshop and taught by competent teachers. To get the most you need to be prepared to follow the advice offered.

Come to a workshop prepared to follow instructions and use the tools provided. Bring your tools but ask the presenter if they are suitable and sharp. Most people have problems preparing material and cutting joints because they are using the wrong tools or are using blunt tools.

The key to acquiring any skills is understanding technique and practice.

This is what you need at a “real skills” workshop.

- Safe sensible clothing.
- Foot wear with leather uppers.
- You don't need an apron but you do need to bring your lunch.

Attitude helps!

Show the instructor the tools you use but be prepared to listen. If you don't agree tell the instructor. Don't take it personally!

The COVID-19 Crisis and TTTG to date

The “10 max” workshops and “35 max” meetings have been successful. The February TTTG Sydney Tool Sale was cancelled due to COVID restrictions. The May Tool Sale was well attended.

In May, the *2021 Sydney Wood Show* was cancelled.

TTTG will be part of the 2022 Sydney Wood Show

“Real Skills” Workshops

New workshops are being developed. Post COVID there will be more classes.

Keeping watching the TTTG website and reading the TTTG emails.



***TTTG Workshop Space
is limited***

But

***So far there are no
resident demons.***

Just a Sec from the TTTG Secretary

John Bates

NEWS 168 is our second magazine this year. COVID continues to cast a shadow over TTTG activities and events.

Latest casualty was the annual 2021 Sydney Wood Show.

2022 TTTG Sydney Tool Sale

Good news is we have locked-in a date for next year so put Sunday 20 February 2022 in your diary or paint it on the wall of your workshop.

Real Skills Workshops

Keep an eye on the TTTG website www.tttg.org.au as there will be some great 'Real Skills' workshops on offer.

Be sure to tell your friends and family too as our workshops are open to everyone and are keenly priced.

Members' Meetings

Visitors are always welcome to our bi-monthly Members' Meetings which will now be held in the Old Eastwood Town Hall on the second Sunday of each even month. Doors open at 1.30pm and meeting starts at 2.00pm. Hope to see you there.

The June Member's Meeting includes a sale of old tools and an auction of rare tools.

These Auctions will now be a feature of all future meetings if the bids are realistic!

Tools for sale

More tools and ironmongery for sale and on display at the Marsfield workshop. Among the items is a quality Woodfast Scroll Saw.

No 'reasonable' offers will be refused.

Members' Tool Sales

We are working on holding another Members and Friends Tool Sale at Marsfield on Sunday 5 December 2021.

Keep an eye on the website and your inbox.

Any Member who is interested in selling at the 5 December Tool Sale please drop me an email secretary@tttg.org.au

or text message 0418 488 210 and let me know.

Committee Vacancy

We still have a vacancy on the Committee if anyone feels inclined.

Mailchimp

I have been steadily learning the ins and outs of Mailchimp. So you can expect to receive your NEWS Magazine and Trad Tools Bulletin via Mailchimp from now on. Keep up to date by opening the messages.

The Future for TTTG?

The future is in the hands of the TTTG Members.

TTTG needs more Members to step forward & become actively involved.

COVID permitting the 2022 TTTG Sydney Tool Sale will be on!

Sunday 20 February 2022

How is TTTG going during COVID-19?

The good news:

Membership is growing!

The bad news:

Event numbers have been restricted.

The Committee's decision for NEWS Magazine to go digital, combined with sound financial management and income producing general meetings, tool sales and workshops allows TTTG to remain solvent despite COVID-19.

TTTG is emailing anyone interested in tools and machines.

TTTG has a growing mailing list and is sending out regular updates.

TTTG continues to improve the website.

The existing TTTG website is functional, but looking old. Ongoing maintenance and changes are needed.

COVID means slow progress, but work continues to revitalise the website.

Do you know?

Someone interested in assisting with the website.

Someone interested in redesigning the website.

We are looking for volunteers, but are also willing to discuss payment!

Why NEWS 168 is late

The first version of NEWS 168 was almost ready to go in mid May.

Then the Editor's computer crashed. Three weeks of trying to get a warranty honored and finally having a new program installed followed.

The Editor is considering if producing NEWS is too much for one person.

If NEWS Magazine is to continue more Members need to be involved.

The Editor is asking for your comments.

Two New “Real Skills” Workshops

Member Matt Pryor proposed a new workshop

*** Repairing and Using Moulding Planes**

Matt Pryor and Bob Crosbie presented this class on Sunday 7 March 2021.

This new workshop was well attended.

The boxes of moulding planes needing some TLC are now more manageable! Each member of the class selected a plane to keep. Parts and wedge blanks were be provided.

Each participant started with a bundle of junk. Each with a “bargain price” working plane.

Planes needing some TLC were sold at \$5 each

Matt Pryor also proposed

*** Looking After Grand Dad’s Tools**

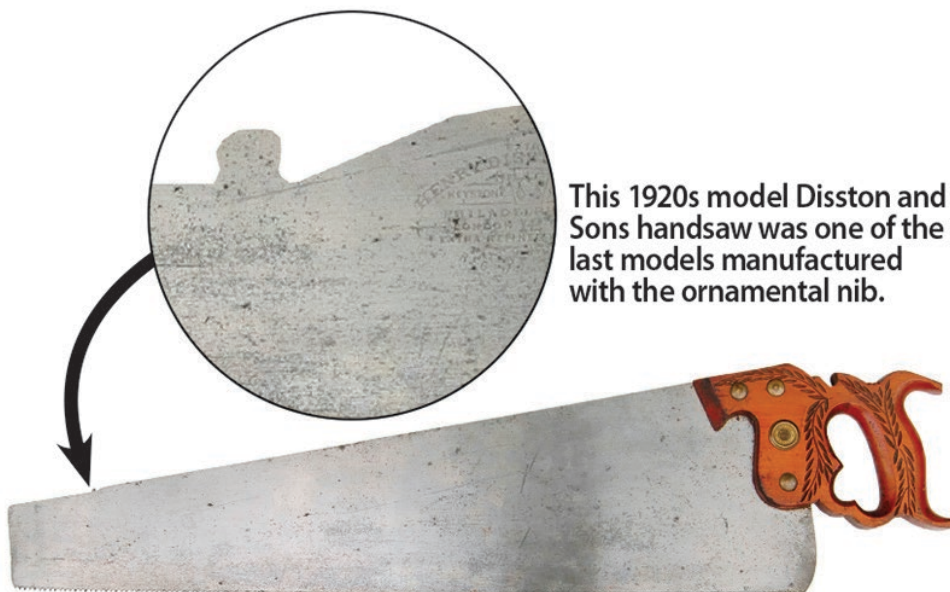
You bring in some old tools, even your grandad’s tools.

Matt and Bob show you how to get them back to work.

Probably a good idea to tell us what you will bring.

Anyone interested? Want a workshop?

Any suggestions will be taken onboard.



This 1920s model Disston and Sons handsaw was one of the last models manufactured with the ornamental nib.

Mortise & Tenon Magazine

Readers interested in following the “unplugged experience” of working wood without power should consider subscribing to Mortise & Tenon Magazine.

The magazine subscription is not cheap, but it comes with daily emails.

The beautifully presented 'MORTISE & TENON' magazine written by US conservator/maker Joshua A Klein, is now available at Carbatec.

MORTISE & TENON magazine is an annual print publication that seeks to bridge the worlds of furniture maker, conservator, and scholar.

This is not another typical woodworking magazine but rather M&T exists to showcase premier furniture artisans and scholars in an elegant and artful manner. The magazine is printed on uncoated 70# matte paper with a minimalist photography-saturated aesthetic yet over 40,000 words from today's leading experts.

M&T has stories and information you will find nowhere else including:

- Candid interviews with exemplary makers, conservators, and scholars
- Essays on historical craft practice and tools
- Previews of upcoming research.
- Reviews of relevant books.

TTTG at Carbatec, Sydney

The TTTG Committee has approached the Carbatec Manager about the possibility of TTTG presenting some “Real Skills” workshops and Tool Identification sessions at the Carbatec Sydney store.

Bob Crosbie, John Bates and John Deeble sat down with the Carbatec Sydney Manager and discussed the possibilities.

The response from Carbatec is positive and TTTG will be presenting a proposal to the Carbatec Manager late in June.

BUST the RUST

Dissolve rust with

TTTG CITRIC ACID

450gram Jar just \$5

RAZOR SHARP

The best for Oilstones and Diamond Plates

TTTG SHARP OIL

Only \$6 a bottle

Trad Tools Bulletin

The last issue of the new TTTG monthly bulletin ***Trad Tools*** was emailed to all TTTG Members in the first week of June 2021.

The July issue of the new TTTG monthly bulletin ***Trad Tools*** will be emailed to all TTTG Members in the first week of July 2021.

Trad Tools will remain a 4 to 6 page supplement to ***NEWS Magazine***.

Trad Tools will alert TTTG Members to coming events.

Trad Tools will compliment and supplement ***NEWS Magazine***.

The aim is to update the content of ***NEWS Magazine*** each month.

TTTG Replacement Spokeshave blades

The TTTG Committee is investigating producing replacement blades for “veteran” metal spokeshaves.

The proposed range is:

Stanley Spokeshaves

51, 51R, 53, 54, 63, 64, 65, 151, 151M, 151R

Record Spokeshaves

A51, A51R, A65, 051, 051R, A64, A63, A151, A151R, 0151, 0151R

Preston Spokeshaves

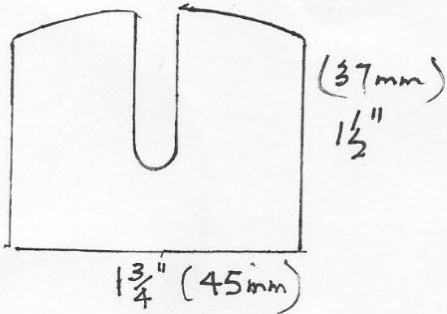
1390, 1391, 3174P

Specifications

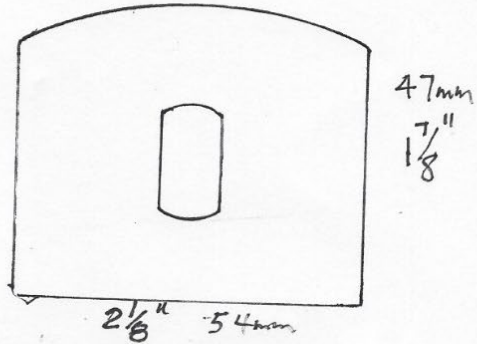
The spokeshave blades will be made from O1 Ground Flat Stock, hardened, and tempered to 60-65 Rockwell C. Nominal size “as original blades”.



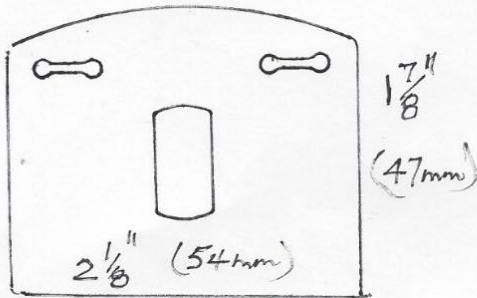
SPOKESHAVE BLADES



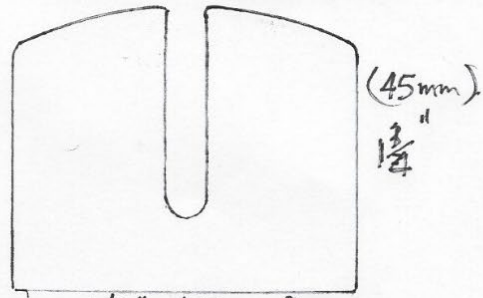
STANLEY - 64, 63
RECORD - A64, A63.



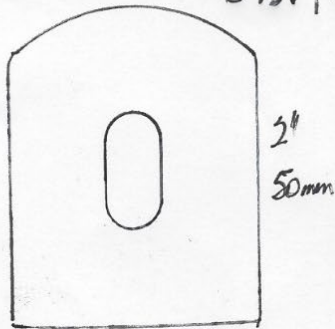
STANLEY - 51, 51R
RECORD - A51, A51R
051, 051R



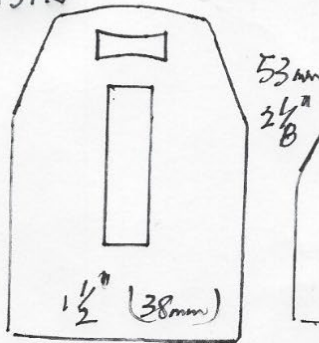
STANLEY - 151, 151M, 151R
RECORD - A151, A151R
0151, 0151R



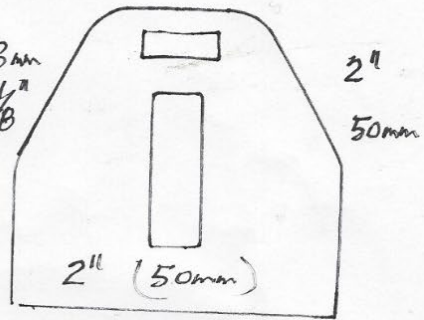
STANLEY 53/54



STANLEY - 65
RECORD - A65



PRESTON
3174 P



PRESTON
1390, 1391

Old Stanley, Record and Preston spokeshaves are arguably superior to any currently made spokeshaves. These old spokeshaves are easy to locate. Vintage Tools, for example, also has several in stock at reasonable prices. The problem with the veteran spokeshaves is replacing "worn down" blades. TTTG will have a batch of "in demand" blades made. Will they sell?

Correspondence

Turner Plane Handles

Red Cellulose Acetate - injection moulded.

The opening paragraph in the NEWS167 article on Turner plane handles makes a comment that Turner Plastic handles were prone to breaking, - this is far from the truth.

There is an observation in “The Village Worker” article on Turner planes that does record evidence that over time rear handle breakage at the toe is possible, and this is not in dispute and can be quite possible. Particularly if the Screw, nut and bolt are not firmly attached.

During my experience 1956 – 2000 I was never aware of a single Red or Black plastic handle returned to the company as a flawed product.

The Victorian Education dept (and others) used the Turner plane in schools because they did not require constant repair and replacement.

Wood back handle failure was common with all Plane manufacturers and when Stanley Titan acquired Turner Industries in 1970 it was my first requirement to remove timber handles from Stanley Australian made handles and introduce the Turner design in Black Cellulose Acetate branded STANLEY. This proved so successful that it was later adopted on all Stanley Planes worldwide (apart from a few low-cost items in some countries) and this remains still to this day.

The second concern with the article in the opening paragraph is a reference that the Turner Plane was fitted with a diecast aluminium frog. It was not, it was a Zinc Diecast frog made inhouse. Turner had no cast aluminium facility. The statement that they distorted is certainly correct, and understood, and much effort was placed on the design up to 1970 to improve this feature. With the introduction of the Stanley design from that point on the problem was solved as Stanley Tools used a cast Aluminium frog. The writer agrees with the article in that Turner were superb planes.

The Turner Plane handle was the same material that was used on the top-level series of Turner Screwdriver handles of Amber and Blue, with a colour change to Clear Red. They were not only used on assembled planes, but also offered as replacement parts that would suit Turner and some other brands of planes.

There was a rear handle, bolt, nut and screw for a No.4 and a separate design for No.4½ to No.7 sizes. There was also a front knob, bolt, nut and screw in two sizes. I hope the above adds to the article in NEWS 167.

Graeme Plaw, Member HTPAA

TTTG asked Graeme about Turner blades:

Can you share any recollections on the Turner/Berg plane blades?
Were the blades marked Turner made locally?
Were Turner/Berg blades imported?
Were the cap irons made locally?

Graeme replied:

Turner / Berg Blades

Turner/Berg blades were imported, the others were made local.

Turner Red Handles

Graeme comments on red Turner handles rarely breaking in Victoria contrasts with the track record of these handles in NSW. Turner Planes were in numerous NSW High Schools from the 1960s. Numerous Industrial Arts teachers experienced Turner handle breakage especially during cold weather. The only “unbreakable” commercial handles were Aluminium.

Turner Zinc Diecast Frog

The force transferred from the lever cap locking cam to the top of the plane blade distorted the top of the frog and distorted the plane blade. This is a progressive distortion accelerated by “tighten up” the screw holding the lever cap. The solution is to replace the original Turner frog with a Stanley frog.

Turner Planes today

Turner planes with distorted frogs and broken red handles are often seen at “bargain prices”. Retrofitted with a Stanley frog and a TTTG wooden handle and the Turner plane is the equal of any Stanley type plane. Turner/Berg blades are arguably the best blades ever made.

Why not use Correspondence?

All it takes is an email to the NEWS Editor. You will get a reply.

Finding Parts

Buying old tools with missing parts is a two-edged sword.

The price may be right.

But finding the missing part may be a frustrating challenge.

A fellow TTTG Member may have what you want and be willing to sell.

Tools Wanted

If the NEWS Editor will run a Wanted column when he gets entries!

Plane Facts

For the best part of a century Stanley Tools were the world leaders in metal planes but they had competitors.

Some of Stanley's rivals developed designs different from Stanley planes but some copied Stanley planes.

In fact, some Stanley competitors made planes virtually identical to the Stanley range of planes.

Most of the screw threads in Record and Turner planes are the same screw threads as the screw threads found in Stanley planes.

Stanley made some of the Stanley competitor's planes.



Worth Remembering

Despite COVID-19 TTTG continues to offer events and stay solvent.

Real Skills Workshops

The Real Skills Workshops continue. The numbers are limited to six. This has a positive side; for only \$60 the teacher/learner ratio is ideal. TTTG wants to offer the classes that the tool-using public wants. We can only do this if TTTG Members tell us what they want.

TTTG Tool Sales

John Bates is working hard to make the tool sales happen
The May Tool sale was remarkably successful
The Next Sale is Sunday 5 December 2021 some months off

The next *TTTG Sydney Tool Sale* is scheduled for Sunday 20 February 2022 at the Brickpit Stadium, Thornleigh

The June Members' Meeting

Sunday 14 February 2021 at Old Eastwood Town Hall. Starts 2.00pm

Coopering Tools in the Hunter Valley

A collection worth visiting

John Deeble

During a visit to the Hunter Valley early in 2020 I made a return visit to Audrey Wilkinson Winery. Having visited some years ago I was aware that they had previously commenced the restoration of old wine making facilities on the site of the original vineyard, one of the oldest in the Pokolbin region which commenced operation in 1866. As part of an amazing Cellar Door building, the current owners have now restored parts of the original winery.

As a part of the restoration, the owners have created a great display of Coopering Tools originally used by a cooper who retired at 90 years of age. The cooper had worked at Lymm's Cooperage and later at Carlton and United.



All the tools on display are in are in usable condition and are well displayed with names and explanations of their uses in cask production.

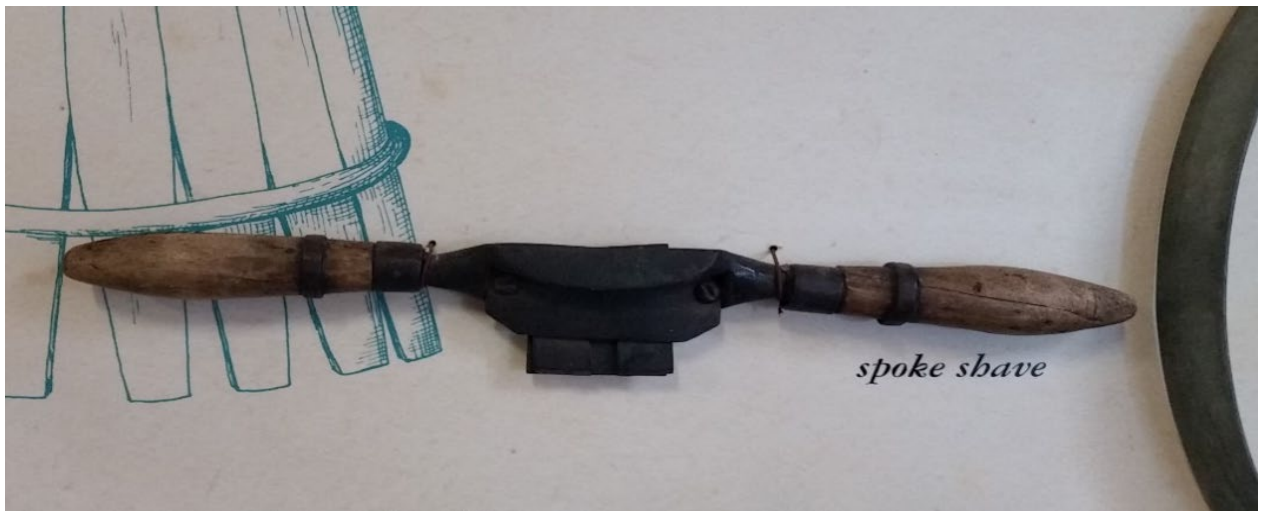
While many of the tools may be familiar from other trades, many of the items on display were highly specialised for the coopering trade. Hand coopering of casks is generally no longer undertaken with most production processes now being highly mechanised. Some hand work is undertaken to make repairs to particularly expensive casks.

The follow images show what is on display at the Cellar Door/Museum located at De Beyers Road, Pokolbin. The facility is open 10am – 5pm every day except Christmas Day and Boxing Day. Well worth a visit if you are in the area.

Cellar Door/Museum, De Beyers Road, Pokolbin



Side Axe Used to shape the staves.



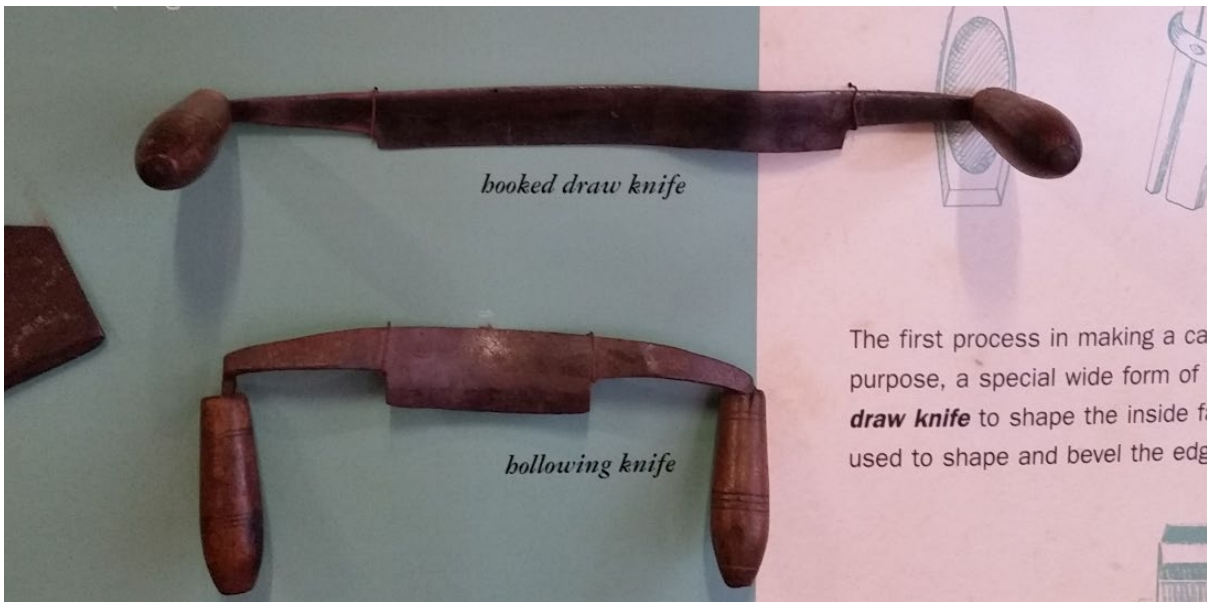
Coopers' Shave Often up to 355mm long.



Jigger or Crumb Knife Used to shape the inside of a stave.



Coopers' Topping or Sun Plane Used to smooth the ends of the barrel.



Coopers' Draw Knives Used to shape the inside of the staves.



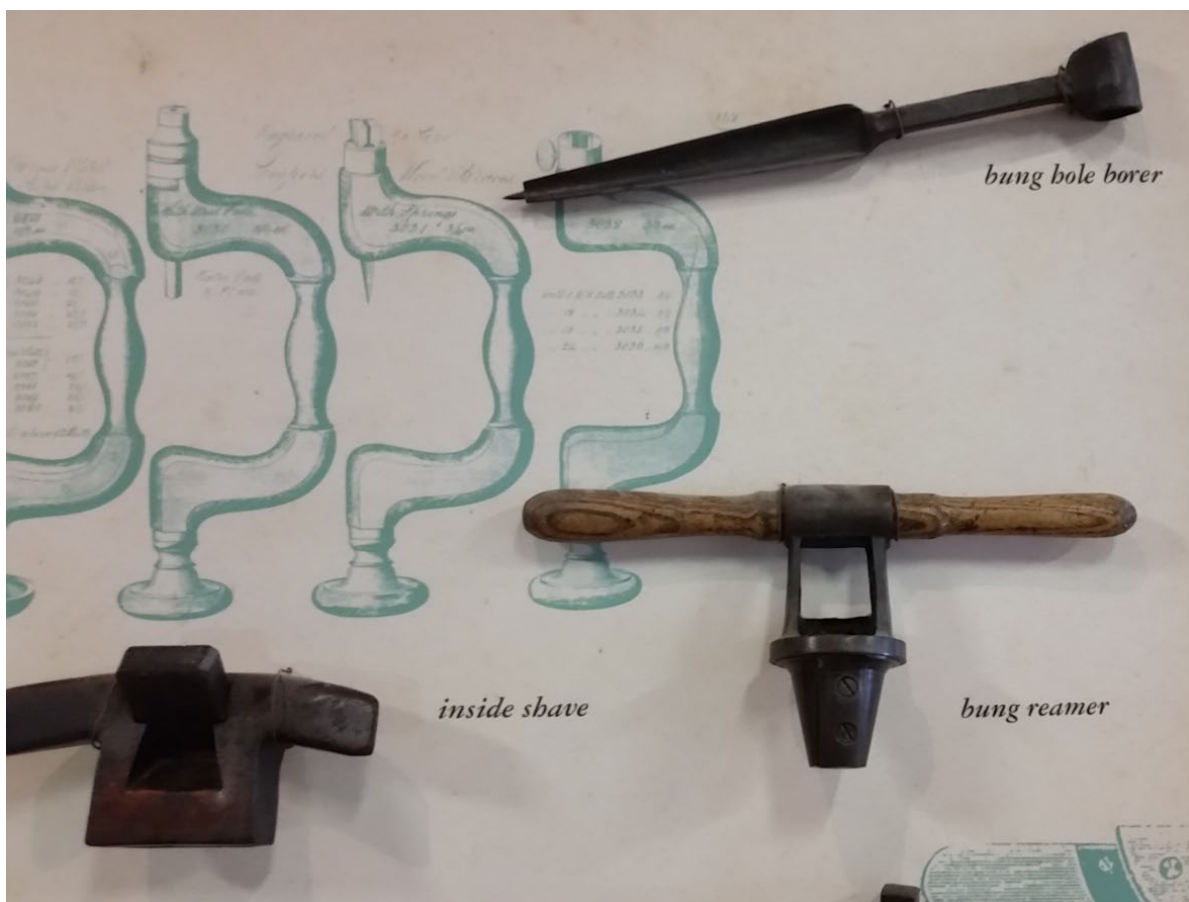
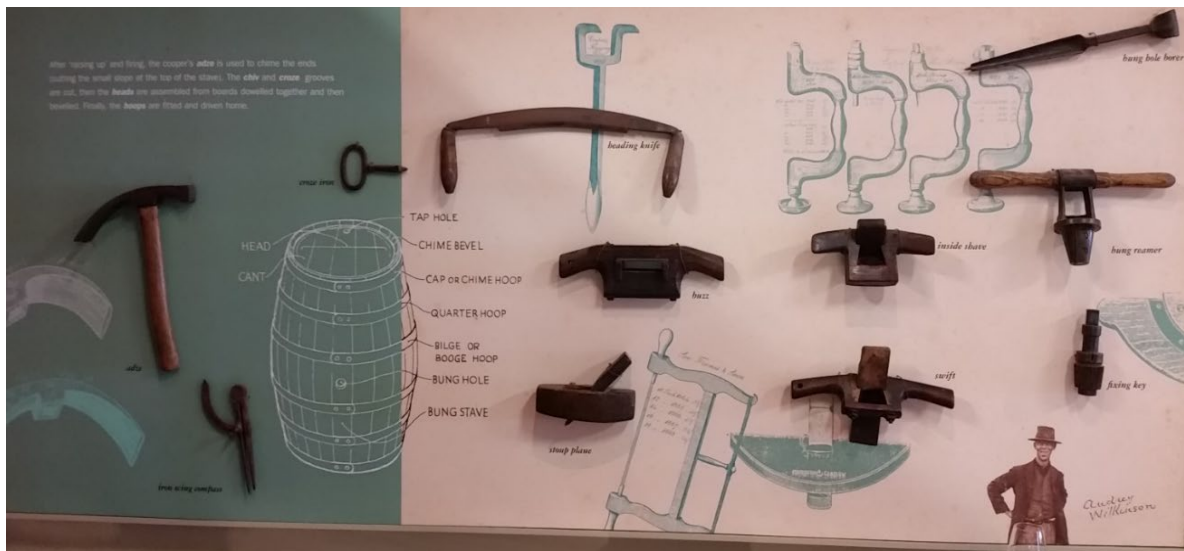
Draw Knife Used to shape the staves



Round Shave Used to smooth the inside of the barrel'

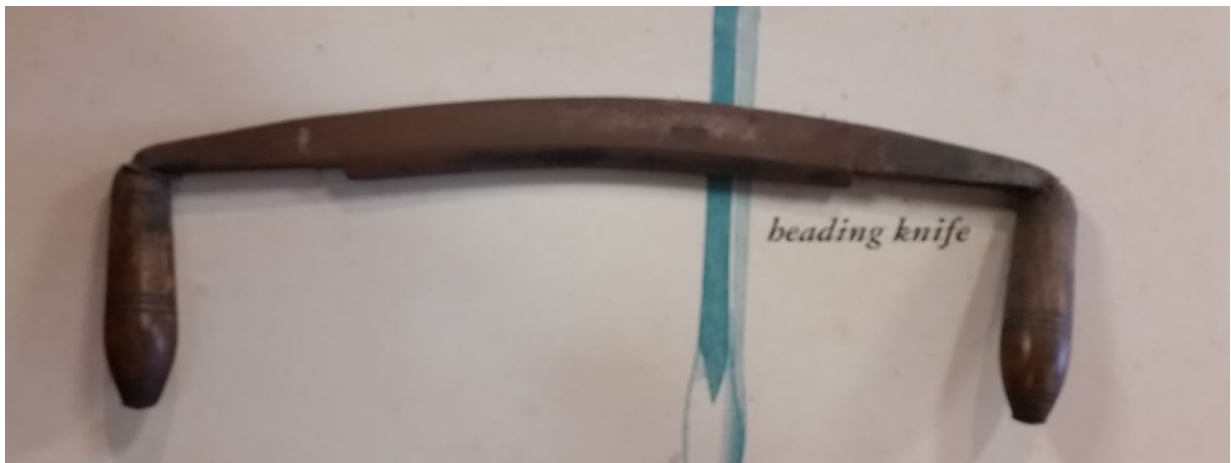


Hoop Driver and Mallet Used to install the barrel hoops.



Bung Hole Borer and Reamer

Used to drill the bung hole.



Heading Knife Used to shape the edges of the head to fit the barrel.

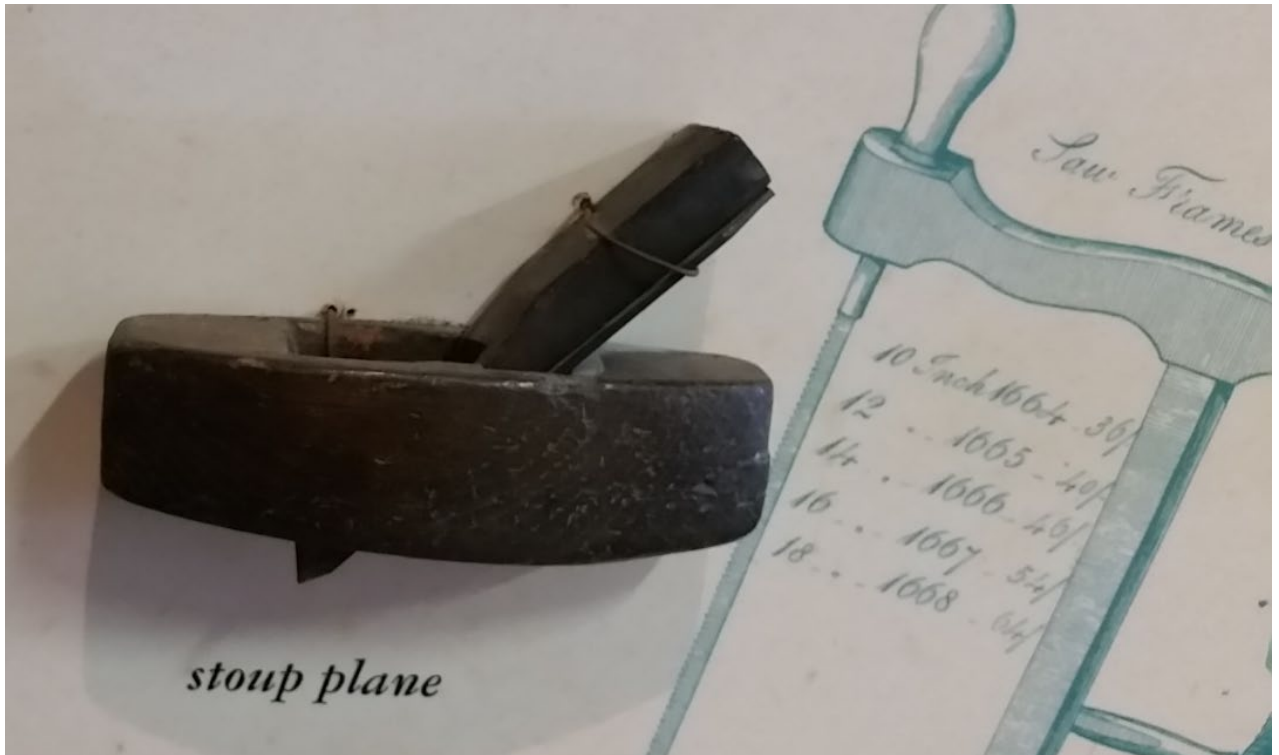


TOP: Inside Shave Used to smooth the inside of the barrel.

BOTTOM: Swift Used to shape the groove for the head.



Buzz or Downright Shave Used to smooth the outside of the barrel.



Stoup Plane A kind of smoothing plane with a rounded bottom.



Croze Iron or Vice Used to hold the cask head.



Adze Used to chime the cask



Wing Compass Often with long legs to mark the barrel head.



Bow saws Used to cut the head to shape.



Jointer Planes
Used in the inverted position with one end supported on a simple trestle.



Jointer Plane Off the trestle



Coopers Chiv Used to give a perfect curve to the inside of the chime ready for the groove to be cut for the head of the cask.



Various Bungs & Stencil Kit

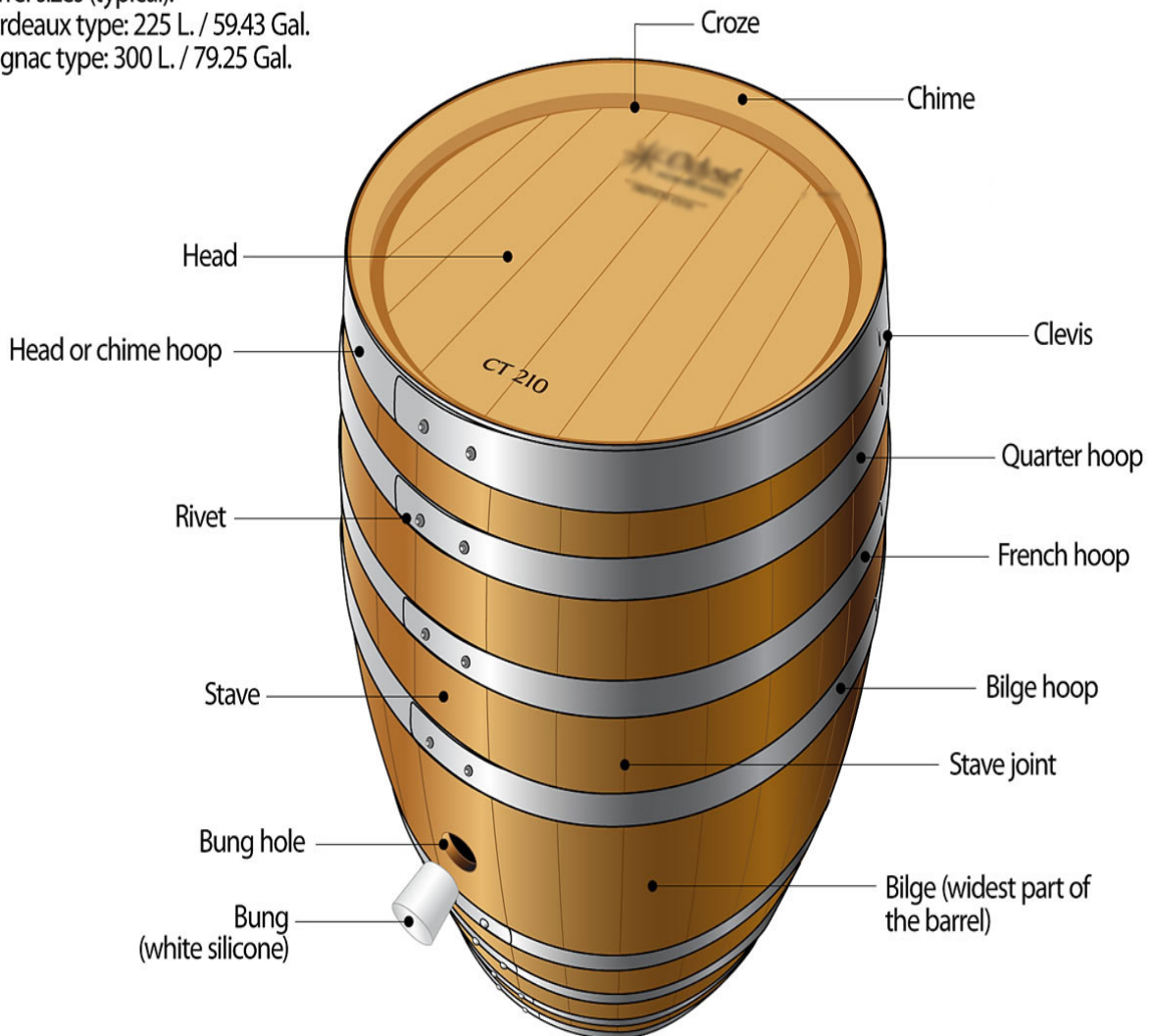


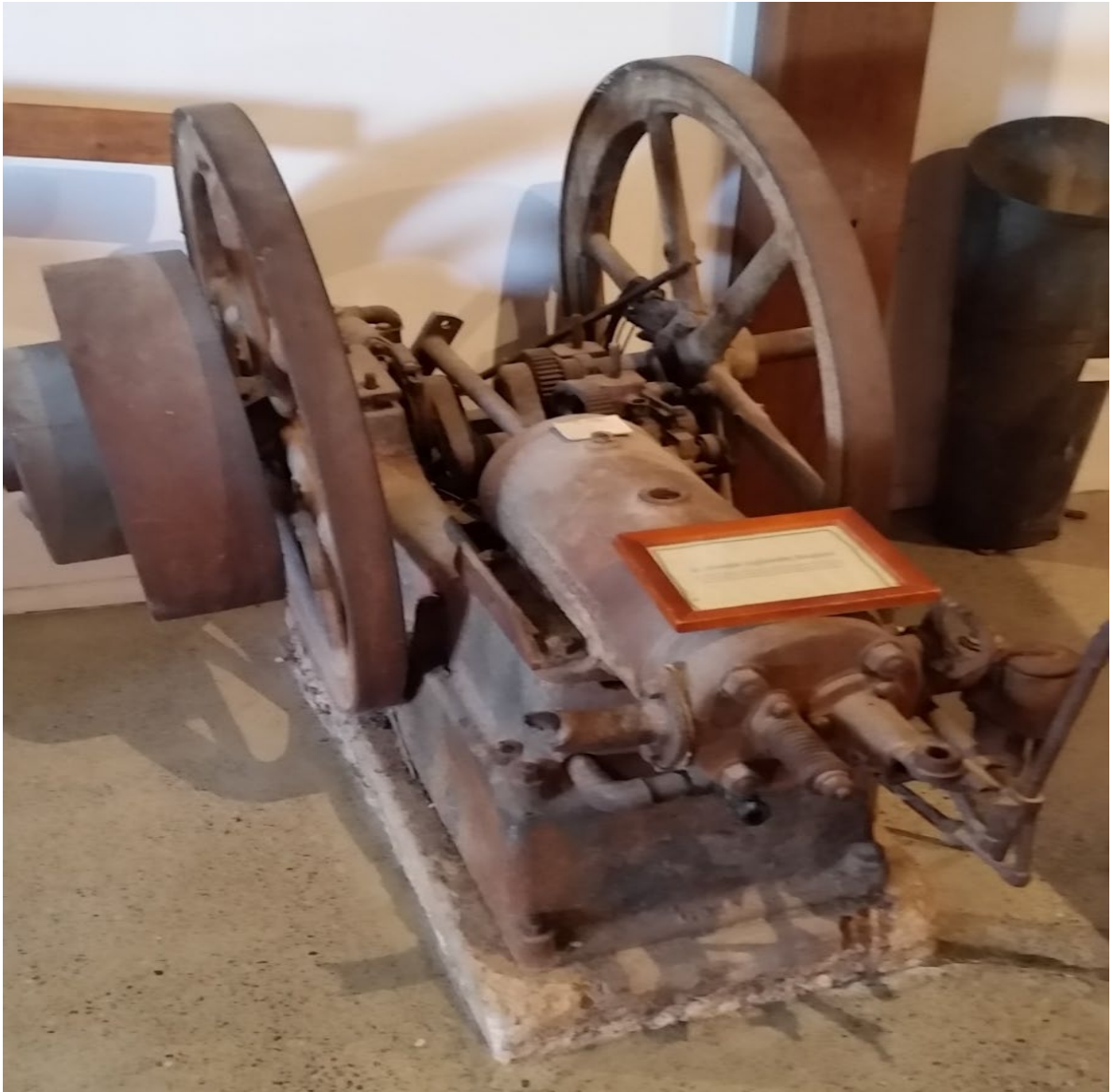
A mystery bottling device?

Wine barrel parts

French oak: *Quercus petraea*
 American oak: *Quercus alba*
 CT: Convection Toasted
 Hoops (galvanized steel)
 American barrel: 6; French barrel: 8
 Barrel sizes (typical):
 Bordeaux type: 225 L. / 59.43 Gal.
 Cognac type: 300 L. / 79.25 Gal.

Toasting levels (typical):





2. Single Cylinder Engine
The original Grape Crusher and De-stemming Machine was powered by this *Single Cylinder Engine* which was connected by a leather belt to a gear train above, facilitating the transfer of power from the engine.

Single cylinder engine used to drive a grape crusher and de-stemming machine.

used to drive a grape crusher and de-stemming machine.

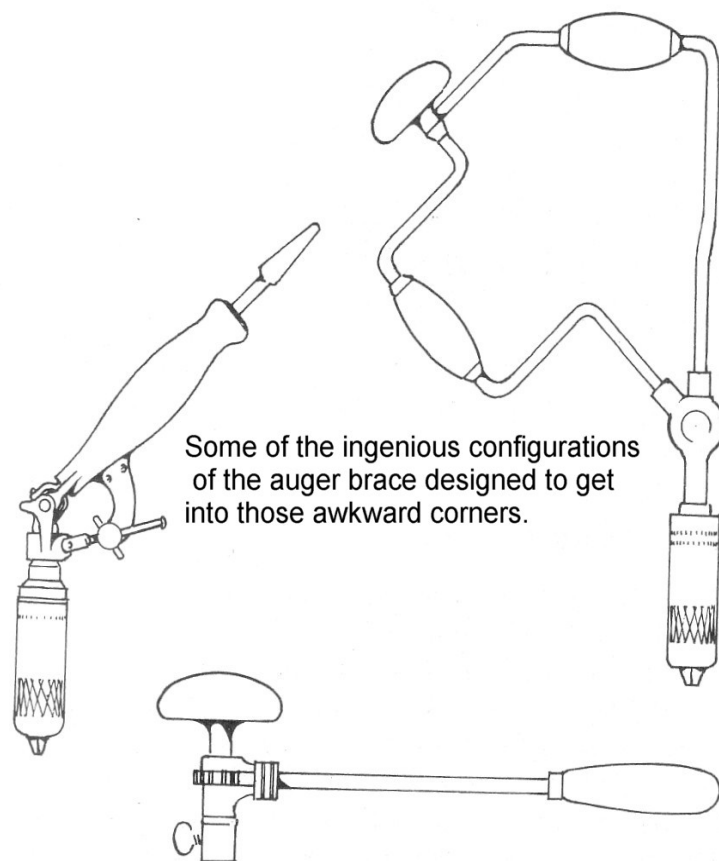
The Oft-Maligned Breast Drill

Mike Williams

Is the Breast Drill a tool that has no practical use in the modern age?

Certainly, at tool sales and tool swaps, there doesn't seem to be much interest shown in these behemoths of the hand drill family. Certainly, their function seems to have been taken over almost completely by electrically powered drills and I have to admit that in any professional carpentry or joiner's shop, I can't imagine any use for them at all. However, in my small home workshop, there are occasions when I reach for a breast drill, and it provides the quickest and easiest solution to the task at hand.

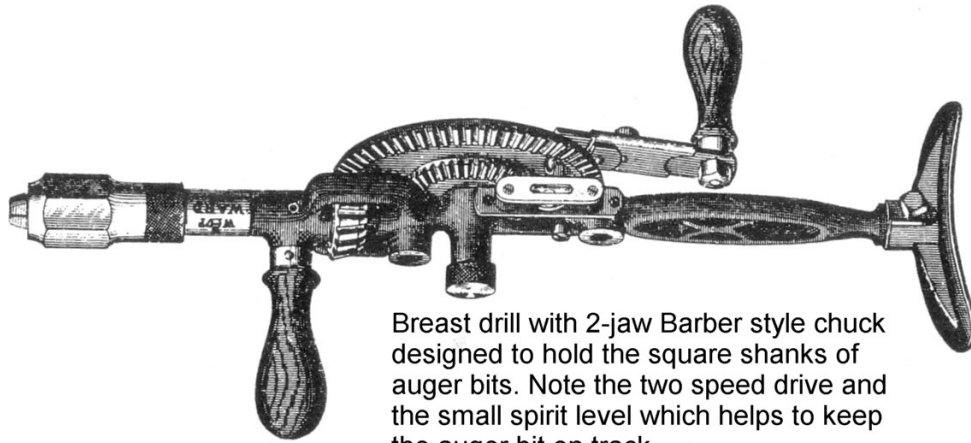
The answer lies in the chuck.



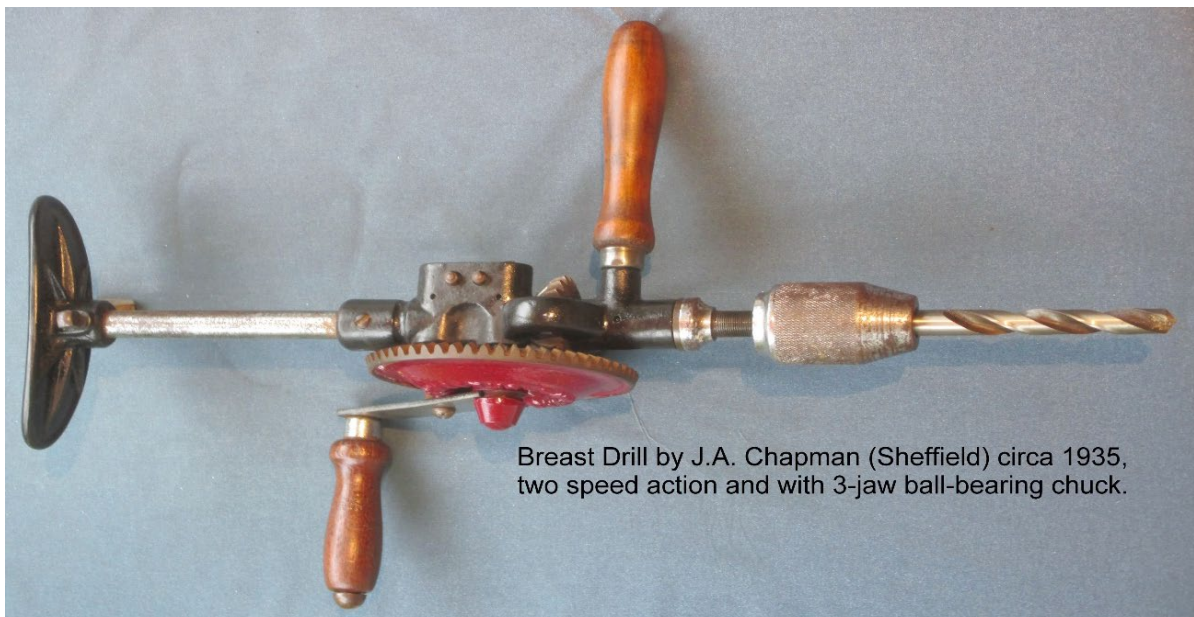
Early breast drills were sometimes referred to as “corner drills” since they could be used in a corner where a conventional brace didn't have room to operate, and the breast drill chucks were 2-jaw jobs for woodworking augers like their brace cousins. However, braces were soon fitted with a ratchet mechanism which overcame their corner shortcomings and even more ingenious models were developed which could be operated at an angle for even more challenging situations.

Breast drills countered with two-speed models and small spirit levels which helped to keep your auger on track. Every now and again, I find that this is a useful feature and justifies (well to me a least) the reason for keeping an auger breast drill in the workshop.

However, later breast drill manufacturers saw a market niche as a larger version of the small and handy twist drill. If the chucks were changed to self-centring 3-jaw ones, designed to hold large twist drills up to half-an-inch in diameter, they could be still very handy.



Breast drill with 2-jaw Barber style chuck designed to hold the square shanks of auger bits. Note the two speed drive and the small spirit level which helps to keep the auger bit on track.



Breast Drill by J.A. Chapman (Sheffield) circa 1935, two speed action and with 3-jaw ball-bearing chuck.

My metal working lathe is equipped with a 1/2-inch chuck but is relegated to horizontal boring only, whilst my multi-purpose woodworking ShopSmith machine can be configured for vertical drilling but for one-off situations is hardly worth the trouble. My nifty battery powered electric drill can take drills up to 3/8 inch but no larger and although 1/2-inch electric drills are available, they are large and cumbersome. Hence, I slide open the drawer and reach for my 1/2-inch chuck breast drill.

Have I convinced you that there are occasions when a 3-jaw chuck breast drill is a handy thing to have in your workshop?

The story of the article

Mike's brother-in-law in the UK contacted him to say that his breast drill was missing a small part and wondered whether Mike had anything to suit in his "might come in useful someday" scrap box. His scrap box having drawn a blank, Mike asked me whether TTTG might have something that might do the job and indeed, TTTG did have an old breast drill which nobody seemed to be interested in and might be useable as spares. It was a long shot, and as expected, nothing was quite interchangeable. Mike eventually made the missing part and sent it off to the UK. A successful end to the story you might say, but not quite.

The TTTG breast drill was made by J.A. Chapman in Sheffield and this company was swallowed up by Stanley just prior to the Second World War. Despite years of neglect and oily filth, the drill wasn't in too bad a condition and as there was little of interest on the TV, Mike spent a bit of time refurbishing the said breast drill and penned the above article for inclusion in NEWS. I think that you would agree that the drill now looks "something" and there must be a TTTG Member looking for some sort of interesting workshop wall decoration and the occasional use.

Centre Lathe Workshop?

TTTG has installed a Myford Super 7 Lathe in the Workshop.
TTTG plans to offer classes on using a centre lathe.
Tell us if you are interested.

This will make setting dates and content to suit demand easier.
The class will include how to grind tool bits.

Worth Buying

TTTG "products" and old tools are sold at all events.

Citric Acid - \$5 a jar

Sharp Oil - \$6 a bottle

Plane Handles #2 to #7 Stanley/Record type - \$10 ea.

Scraper Burnishers - \$20 ea.

Dovetail Templates - \$2 ea.

Surplus Old Tools – prices from 50 cents to \$5

Handsaws \$2 to \$10 Planes \$15 to \$150

Goodman's British Plane Makers

Editor Jane Rees **4th Edition**

TATHS announced this publication in 2019.

There is no Australian distributor.

Google the title and buy online.

Locally Made Tools

Commercially Made and User Made

Tools made in quantity for resale usually have a manufacturers' mark.

Most user made tools are usually obvious but some are very well made.

Often only the materials and design suggest "this is a one off".

Tools have been made locally for over two centuries.

Some of the tool makers are listed. Most are probably not listed.

Tradesmen often made small tools such as marking gauges.

Larger tools, such as cast-iron planes, were made in large workshops.

There is an old Sydney saying about the Eveleigh Railway Workshops
"Made everything, including Prime Ministers"

Eveleigh made cast-iron and brass copies of planes often surface.

There are a number of these tools in the TTTG Collection, dated 1927.

Chinese type planes were made locally in the nineteenth century.

Fred Murrell has a number of these Chinese type planes.

Sydney Chinese planes are well made and fitted with English blades.

If you have a number of tools with the same name stamp *and* they look professionally made send the details to NEWS.

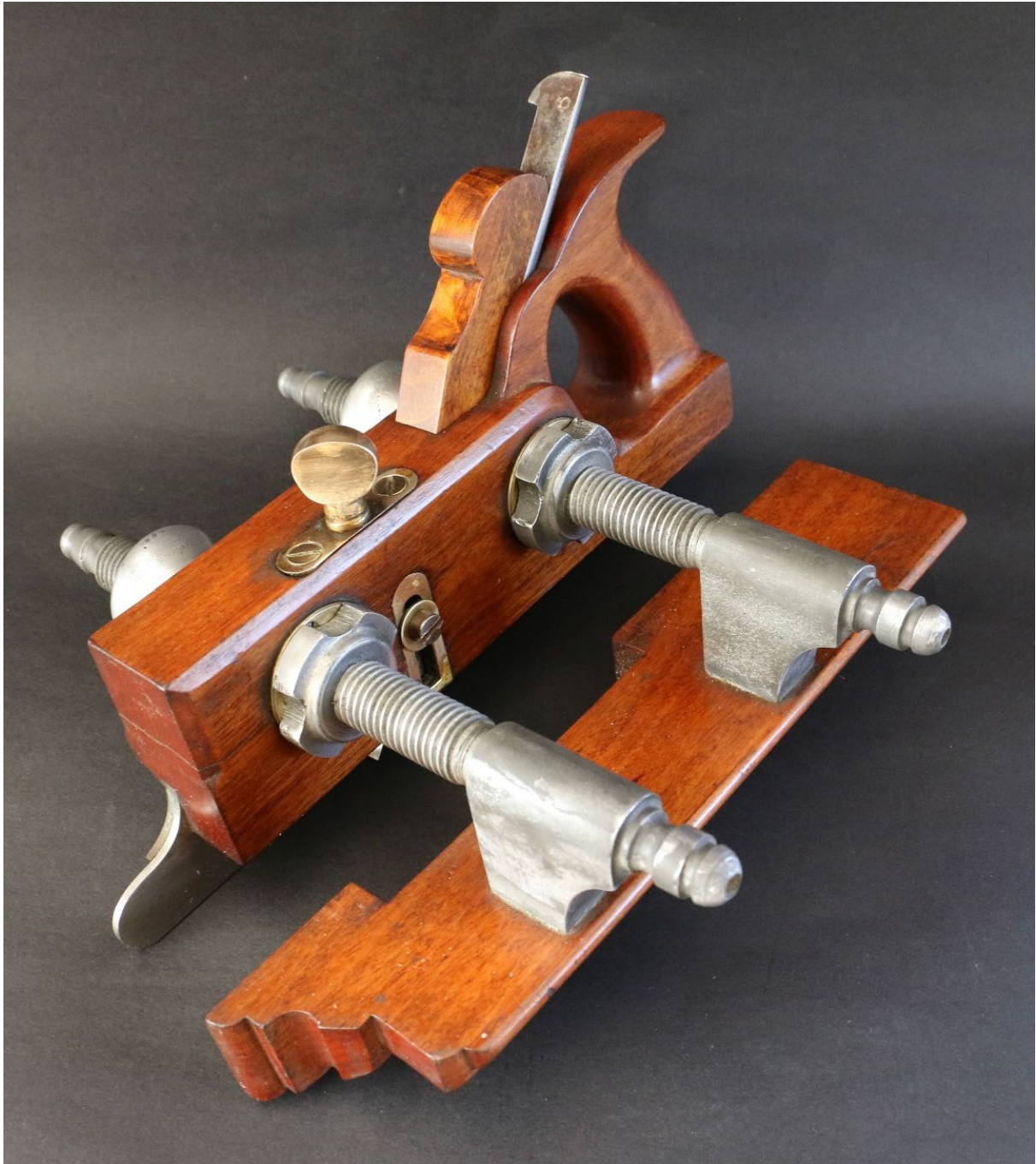
Do you have any locally made tools?

JD's

Rebuilt Screw-Stemmed Plough Plane

John Daniel

There is an apt saying, "one has never seen it all", and that rang true when a family friend, Paul Crowe presented me with a screw-stemmed plough plane, with the remark, "here's one for your collection", and now that is exactly where it now resides with a few other oddities.



There is not a lot one can say about this plane's provenance except that Paul had answered an advert on a Woodwork Forum where a fellow had a "free box of tools" which obviously was the result of a bit of decluttering, and amongst several *treasures* in the box, was this rebuilt plough plane, I state "rebuilt", as the depth stop, and the skate is all that remains of the original plane. One can only speculate as to the demise of the original plane; now to focus on this interesting and very functional plane.

The eye is immediately drawn to the cast-aluminium screw stems and nuts which were not the result of an amateur foundry worker. On a closer examination, the castings are clean and true, the machine work, although a little rough externally, the screw-cutting is to the highest standard allowing the nuts to turn freely making it so easy to adjust the fence without the occasional cautionary attempts with some Boxwood stemmed planes.

The fence is well made with the 'embellishment' moulding simplified when compared with an original screw-stemmed plane. It is accurately secured to the aluminium stems so that they align parallel with holes in the body of the plane.



The choice of wood for the body and fence wasn't ideal as cracks run from the small screws that secure the brass wearing plates on the sides of the plane, also resulting in a crack across the toe of the plane. The letting-in the top of the depth-adjuster was not up to standard, although the side slotted brass plate is well executed, and the adjuster is well-aligned and easy to use.



The hammer marks at the top front of the plane suggest that an 'old timer' was using the plane and was in the habit of adjusting the depth of the blade on his bench plane; maybe the user was unaware of the purpose of the nib on the blade.

Once the plane was cleaned, the metal lightly highlighted, it was put through a comparison test with a Mathieson original and the outcome didn't present any surprises.

Both planes were similar to use although the Mathieson's handle fitted more comfortably in the hand, while the added weight of the 're-build' seemed to sit more positively on the work.

All I can add, the re-builder of this credible plane would have been pleased in the knowledge that the depth-stop and skate was now back as functioning parts of a plane.

Over the years, fossicking through sheds, tool sales, and the usual haunts, one comes across such a wide variety of ‘stemmed’ planes; wedged stems, brass stems, Ebony, Ivory (I wish) too many to name; an Aluminium screw-stem, well, that was unexpected...thank you Paul for the experience, the plane now fits in well with my other keepers.

Compare the rebuilt plough plane with the Mathieson on the next page.



Using Wooden Planes

A “Real Skills” workshop will be offered on Ploughs and Fillisters.

The “Using Moulding Planes” workshop will also be offered.

Keep reading Trad Tools for details.



Think before dumping

The Traditional Tools Group promotes sustainability and “real skills”.
The NEWS Editor always has a look at the piles of junk on the kerb.

It is amazing what gets thrown out!

Files and Rasps

The range of new files and rasps is limited, they are expensive and arguably not as good as the files and rasps of the past. Most people throw out old rusty files and rasps. It wasn't always so!

Traditionally files and rasps were resharpened

You can easily resharpen old files and rasps by soaking in Citric Acid.

Buy a plastic bucket, rubber gloves and a jar of TTTG Citric Acid.
With the money you saved buying TTTG Citric Acid buy a wire brush.
The BBQ Cleaner brushes are cheap and last a long time.
Fill the bucket with hot water and half a jar of TTTG Citric Acid.
Soak the files or rasps overnight. Wash and brush in hot soapy water.

Rust Removal with Citric Acid

Why Citric Acid?

Using Citric Acid for rust removal is *Simple, Cheap and Safe*.
TTTG sells Citric Acid. Supermarkets also sell it but at a far higher price.

What do you need?

Two plastic buckets or trays. Cat Litter Trays are inexpensive and last.
Also check out the Brush Ware and Cleaning section in a large supermarket.
Tile grout cleaning brushes and BBQ cleaning brushes are ideal and cheap.
You also need rubber gloves. Green kitchen pads are also useful.
The essential equipment is on the supermarket shelves, often “on special”.

One bucket is for hot soapy water, detergent and citric acid.
The other for hot soapy water and detergent to clean off the dissolved rust.

How much citric acid and how long?

You will soon find “what works for you”, half a jar in a bucket is about right.
The water should be hot and add a few drops of washing up liquid.
Heavily rusted tools should be soaked overnight.
Tools with light rust should be checked and cleaned at hourly intervals.

How do I remove the dissolved rust?

Put on the rubber gloves and fill the second bucket with hot soapy water.
Wash each tool in the soapy water using a brush or kitchen pad. Wash in
clean water and set aside to dry. If there is rust remaining, soak again.

I don't like the finish!

Citric acid will not remove pitting. The black finish is iron oxide.
The black surface is easily removed with metal polish.

Can I de-rust saws?

Yes

Citric acid is an etching compound. Any steel “in tension” needs caution.
Springs soaked in citric acid will crack and saws will lose their stiffness.
Remove the surface rust on saws by “controlled” immersion in citric acid.
Put the saw in the hot citric acid solution, give it ten minutes, clean the soft
rust off the saw. Wash and dry and then use an abrasive to polish the saw.

Can I de-rust planes?

Yes

Disassemble the plane and soak the body in the citric acid solution.
The citric acid will not damage the painted surface inside the casting.
The citric acid will soften the hard skin of the cast iron. The plane body will
be easier to file or abrade. Leave the casting for a few days to harden.

Can I sharpen Files and Rasps?

Yes

Vintage Tools

Vintage Tool Shop has sold Antique & Vintage hand tools since 2012. Vintage Tool Shop is open Wednesday to Sunday from 11am to 6pm.

The address is 549 High Street, Northcote, Melbourne.

<https://vintagetoolshop.com.au/>

INSTAGRAM @vintage_tool_shop & @heritage_saws for updates.

The Editor recently checked out the Vintage Tools website and I was so impressed he immediately emailed Fred Murrell.

Fred replied instantly:

I know Mike Subritzky, he bought a box of wood saws from me a couple of years ago at our tool sale. I have something that would entice him to come. It is a saw doctor's anvil and a heap of twist face and dog head hammers. I know he would drive to Sydney to get them. He has said so. I understand his wife sharpens the saws he sells. I have not yet decided that I would sell them, but he might be able to twist my arm.

In my email I had canvassed the possibility of getting Vintage Tools to be a seller at the February TTTG Annual Tool Sale.

Why was the NEWS Editor impressed with Vintage Tools?

Since Hans Brunner has ceased trading there has been a vacuum waiting to be filled. Hans' auctions and website were an indication of "market value". The descriptions of the tools for sale were always accurate.

The Vintage Tools' identification and description of tools are accurate. The prices are also a reasonable indication of "what people will pay".

Check out Vintage Tools yourself and let me know what you think.

Our HERITAGE SAWS are hand SHAPED & fashioned, MADE BY MEN & not just machines in NORTHCOTE, Melbourne in VINTAGE TOOL SHOP.

MIKE SUBRITZKY & JIM ANDERSON are serious about SAWS & are PROUD to offer saws that are par with the saw makers of yesteryear, these saws are made in the **TRADITIONAL WAY pre-industrial revolution style.**

They were unhappy with the hand saw offerings at most retailers, so they decided to make their own. Every saw that comes out of our workshop is **UNIQUE**, they **TAKE TIME** to make, but sometimes things are worth waiting for. It is about getting back to the fundamental **heart of WOODWORKING**, hand-eye coordination, being totally **IN THE MOMENT** & at one with the tool. Our saws currently have a waiting list of 3½ months for saw customers.

HERITAGE SAWS are exclusively sold through VINTAGE TOOL SHOP (Mike's tool shop), please contact HERITAGE SAWS if you wish to discuss your saw requirements.

CONTACT: phone- 040 109 1970

E-mail: heritagesaws@gmail.com Instagram: @heritage_saws

Go online and look at the photos of the saws made by Heritage Saws.

If you are in Melbourne visit the shop.

Both the hand tools and the new saws are the best available anywhere
vintage tools since 1994 - online since March 1997

Grinding Plane Blades & Chisels

What you really need?

A 200 mm diameter wheel. High speed or low speed? Do not exceed the maximum recommended speed which is 3200 rpm.

The speed does not “burn the steel”, this is caused by the operator.

Old Grinders are mechanically well made but check the electrics.

The wheels

Soft bond Aluminium Oxide. 46grit or 60grit.

Save yourself a frustrating search and buy the wheels from Timbecon.

Quote SKU: AOW-20025-X

Aluminium oxide grinding wheels are the woodworker's choice for bench grinding wheels as they provide a cool yet maximum cutting rate on hardened tool and high-speed steel commonly found in woodworking tools.

The grit refers to the density of the crystalline structure of the plate – the higher the density the slower the material stock removal – therefore acting as a “finer grit” but this also can lead to increased heat build-up with the chance of changing the structure of the cutting edge or “burning” the edge.

Timbecon, and the NEWS Editor, recommends a 46 or 60 “Grit” wheel for most woodworking applications.

Dressing the wheels

Dress the wheel after mounting. Regular dressing trues and sharpens the wheel. Use a Carborundum or Diamond dressing stick.

Hans Brunner Sales Return

<http://www.hansbrunnertools.com>

May Tool Sale

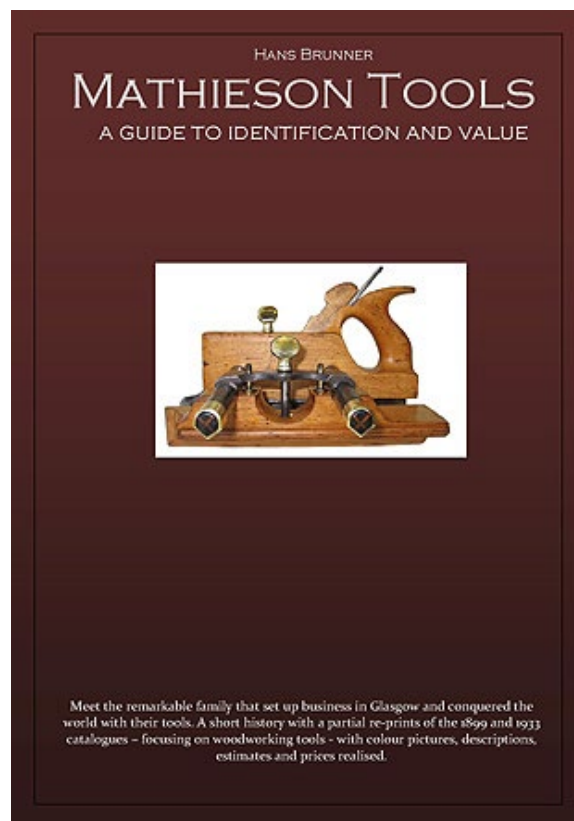
Hans has returned to selling online and his prices and terms should again provide a realistic indication of prices paid for old tools.

A4 format, magazine style, 60 pages full colour, improved second edition limited time offer for end of print run at an all-time low price of

\$20 postage included while stock lasts

Email: hansbrunner1@hotmail.com

Plus go to the Hans Brunner Tools website for a FREE PDF download of the complete 1933 Mathieson catalogue with additional pages from the 1899 catalogue



Where to Get It

Carbatec

113 Station Rd, Auburn NSW 2144
Woodworking machinery and supply store

Hare & Forbes Machinery House

1/2 Windsor Rd, Northmead NSW 2152
Machinery and engineering tools

Lee Bros. Engineering Supplies

6 Dunlop St, North Parramatta NSW 2151
The “nut house” is the place where you are likely to match a screw thread

Davro Assembly Products

2/66 Clapham Road. Sefton NSW 2162
www.davroproducts.com.au
Solid rivets

Timbecon

www.timbecon.com.au
The owner knows what he is selling! Package and delivery are outstanding

Birdsall Leather and Crafts

6 Bay Rd, Taren Point NSW 2229
Nice place for leather

Edcon Steel

<https://www.edconsteel.com.au>
Four locations across Sydney plus Orange and Bathurst
Complete steel service centre: steel, brass, aluminium and sheet steel.

Palloys

68 Smith St, Marrickville NSW 2204
Precious Metals

Gameco - Gas Equipment Supplies

161 Parramatta Rd, Auburn NSW 2144
Blacksmithing supplies, including tool and blade steel.

Graham McDonald Services

Unit 1/127 Magowar Road, Girraween, NSW
www.gmdengineering.com.au
Extensive range of hand tools, cutting tools and measuring tools

Can you recommend a supplier?

Send the details to the Editor!

Worth Reading

Hugh McKid

Fine Woodworking March/April 2021. Issue 288

82 pages, 6 articles

I spoke in Issue 167 of a review of an article in FWM (David Fisher's article "*What to look for in an adze*") and Fisher has written another article on "*Gouges for green woodworking*". Recently I've noticed a surge in interest in hand carving, particularly spoon carving for beginners, in Australia. Fisher is very experienced, and this article is for advanced carvers looking to expand their skills.

Continuing carving, David Lamb does some nice work carving discrete details on a small table along with some beading (also discrete). The carving and the inlaying continue in an article on making cutting boards (one side), with carved decorations on the other side (the serving side).

Bob Van Dyke demonstrates making a versatile and adjustable tenoning jig, essential for consistent and accurate cuts for complex furniture making.

Christian Becksvoort, a man not afraid of being both different and old school, makes a ship inspired wall shelf and Vic Tesolin finishes with a detailed article on using the Krenov plane making style to build a Japanese oriented plane that cuts on the pull stroke.

Reviews in NEWS

The NEWS Editor invites TTTG Members to write and submit reviews.

NEWS does not automatically review publications sent by other groups.

TTTG encourages TTTG Members to join TATHS, HPAAA etc.

Send your draft reviews to the NEWS Editor.

The submitted review will be edited published with your approval.

Hugh McKid reviews woodworking magazines of interest to Members.

Write a Review

Readers of NEWS Magazine are encouraged to write reviews of magazine articles and publications.

Worth Reading

Hugh McKid

Australian Wood Review March 2021. Issue 110

82 pages, 10 articles

Always a few pages of interesting product reviews and new products – the reviews are conducted by experienced and well-regarded woodworkers.

Theo Cook out of England kicks off with making a pencil gauge. Any gauge is a worthwhile tool to make and serves the dual purpose of testing and rewarding your patience and accuracy – if it isn't made with accuracy, throw it in the bin and start again!

Nathan Day is interviewed on his woodworking career and it's a snapshot of a young man who has actually built a career in designing and making lines of furniture etc for upmarket retailers throughout Australia. Many start but perhaps don't have the drive, determination, and perseverance, coupled with the business nous, to make it work in a sustainable and enjoyable way – when I say young – it's taken Nathan nearly 20 years!

Raf Nathan uses silky oak to build a small cabinet to house DVDs and a DVD player – a simple and elegant design to allow the wood to speak for itself, even allowing for the client's preference in final staining. This is a common use – DVDs etc and Raf employed a solid wood construction.

Another English artist, Olivia Faire undertakes marquetry in her designs on wooden boxes.

Vic Tesolin has a sharp little article on powered machinery (the five you need). Neil Erasmus discusses hollow chisel mortisers and Shane Orion Wiechnik writes on finishes and varnishes (reviving some old recipes).

And two further articles highlight the Brothers Levaggi, chairmakers in Italy and Peter Harley, the Ipswich (Qld) woodcarver (b 1873, d 1941).



Other “similar interest” Journals

The Tool Chest Issue 138 November 2020

Journal of the Hand Tool Preservation Association of Australia Inc.

Blowlamps in Australia

Mal Mutimer and Arthur McNamara. Pages 1-12

All the leading brands with photos, a comprehensive guide to the subject.

Tinkling of the Bullock Bells

James Donaldson. Pages 13-17

Measuring Up

Graeme Plaw. Pages 18-27

A comprehensive guide to retractable tape measures in Australia.

Locally made and imported retractable tape measures 1960s to 1980s.

HTPAA Website www.htpaa.org.au

Why not consider joining The Hand Tool Preservation Association Australia?

For anyone interested in Spanners, HTPAA Special Interest Spanner Group publishes a newsletter, Spanner & Wrench Collector.

HTPAA publishes a newsletter, The Sharp Edge,

Printed Journals

Full Colour

Glossy Paper

The NEWS Editor is often asked, *why doesn't TTTG print NEWS?*

The comparison will then be made to the HTPAA and TATHS journals.

The answer is TTTG cannot finance a printed journal.

When postage and printing costs consumed too much, we went digital.

The NEWS Editor is then asked, *how HTPAA affords a print journal?*

The answer is HTPAA has sponsorship.

In contrast TTTG has no sponsors and gets no government funding.

When the NEWS Editor offers this observation, he is asked, *why?*

TTTG is a not-for-profit inclusive organisation with a long track record.

TTTG encourages the preservation of heritage technology.

TTTG teaches traditional ‘real skills’.

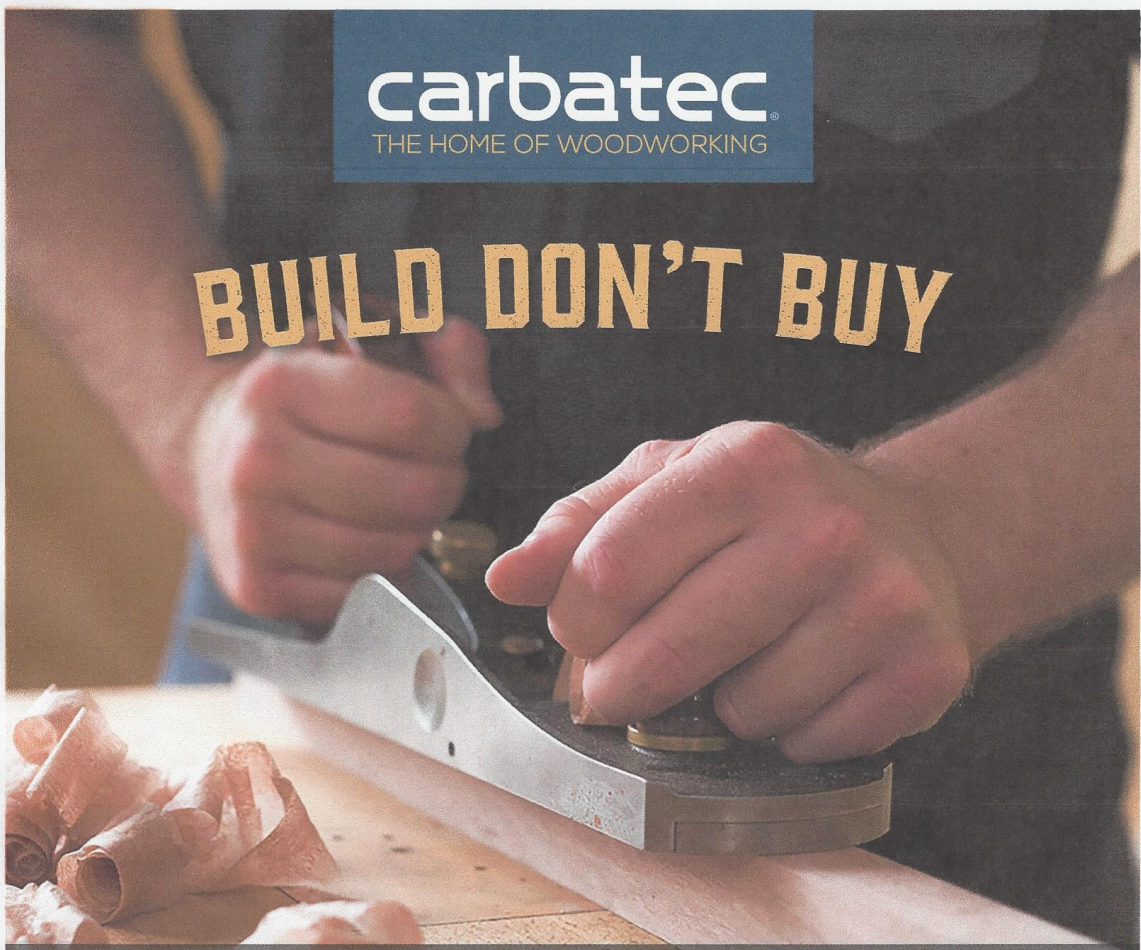
TTTG communicates effectively.

TTTG needs to find out if sponsorship or funding is possible.

If you have any ideas, please contact the TTTG NEWS Editor.

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*Offer excludes gift cards, already discounted items, Festool, Axiom, Veritas, spare parts & Freight.

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or call **1800 658 111** to redeem this offer.

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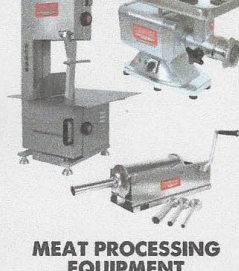

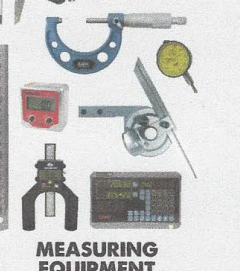

Robert Forby **ROCKLER**

SawStop **veritas**

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 <p>STORAGE SOLUTIONS</p>	 <p>AUTOMOTIVE & RESTORATION</p>	 <p>LIFTING & HANDLING</p>	 <p>HAND TOOLS</p>
 <p>MEAT PROCESSING EQUIPMENT</p>	 <p>MACHINE TOOL ACCESSORIES</p>	 <p>MEASURING EQUIPMENT</p>	 <p>CUTTING TOOLS</p>

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Specifications & Prices are subject to change without notification. All prices include GST and valid until 31-10-20