

# NEWS 113



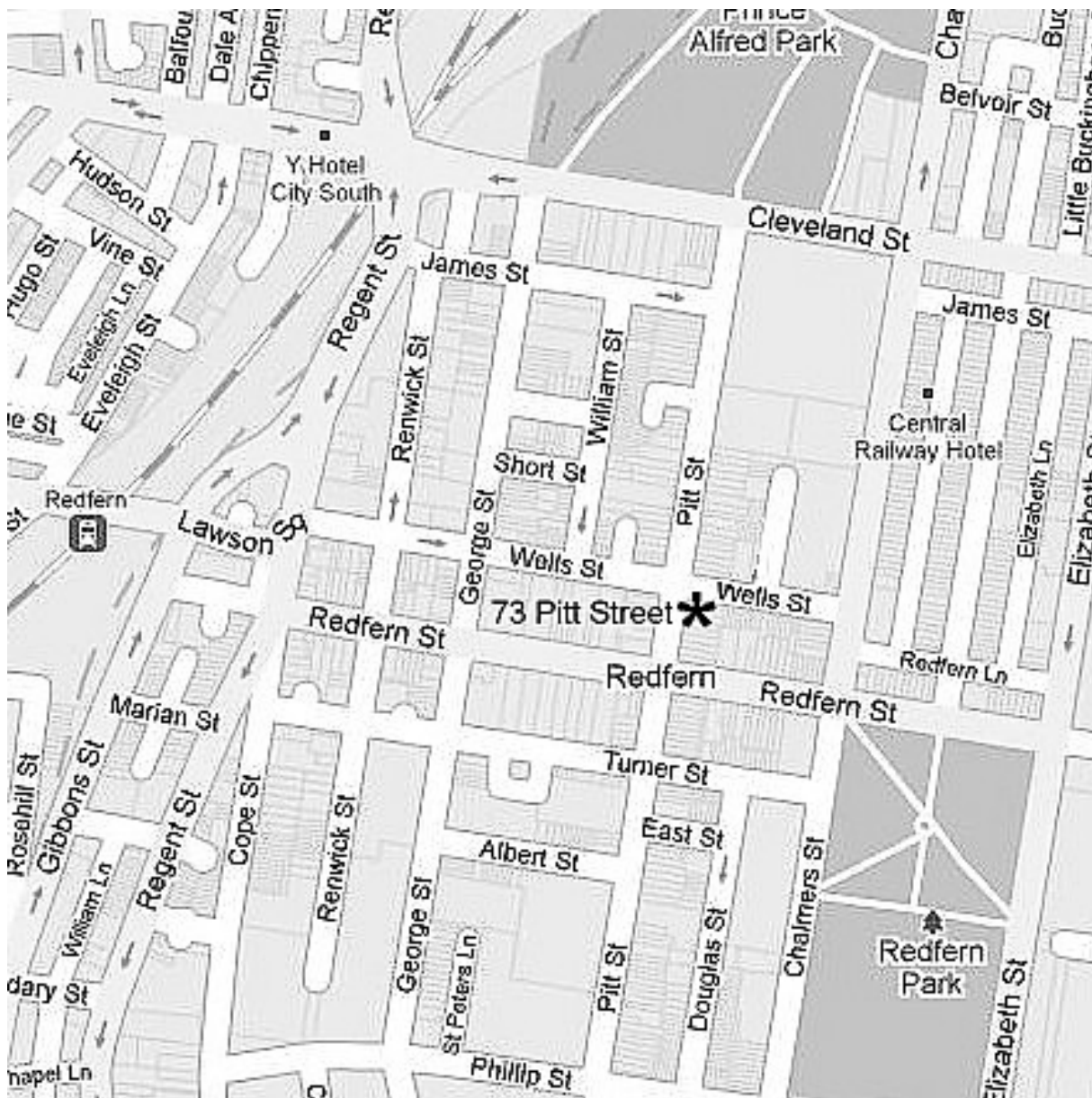
**June 2010**

**TTTG Inc. [www.tttg.org.au](http://www.tttg.org.au)**

**Next Meeting** Redfern Town Hall Tuesday June 8

Entry \$5 Doors open at 7pm

**TOPIC: Bench Top Metal Machining**



**Postal Address**

P.O. Box N240 Grosvenor Place  
Sydney NSW 1220

Membership \$35

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[www.tttg.org.au](http://www.tttg.org.au)

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## Cover

Well known TTTG member Jim Davey was snapped at the May Tool Sale holding a Carter Number 6 Plane.

The expression on Jim's face tells the full story! Jim has a very low opinion of Carter Planes.

In normal circumstances Jim refuses to pick up a Carter and Carter planes are among the very few planes he will refuse to fettle.

The editor tricked Jim into examining the Carter he is holding on the cover.

Much to the editor's surprise this old Carter plane has proven to be a good user despite the very poor adjustment mechanism. The plane was very cheap but the editor feels robbed as it didn't have an original Carter blade.

***Thanks Jim for allowing a member to photograph you with a Carter!***



Jim Davey  
Plane Doctor

## **Next Meeting**

*Tuesday June 8*

### ***Bench Top Metal Machining***

*A small centre lathe is capable of turning surprisingly large work.*

To some a *Hercus 260* is a small lathe while others are happy with an *Emco*.

The same comments apply to milling machines and other basic metal processing machines.

Makers of model trains see a *Myford Super 7* as sufficient for normal size machining tasks while watch makers see the *Emco miniature lathe* as a normal size lathe. Both would see the *Hercus 260* as a large lathe.

At this meeting the speakers will discuss Bench Top Metal Machining using an *Emco miniature lathe* to show the possibilities of small machines.

*The general principles of metal machining will be explained.*

Examples of tooling, old and new, for small metal cutting machines will be used to illustrate the presentation.

### **The Auction**

The auction will be compact but the range of quality items to go under the hammer is certain to please bidders.

### **Warning**

Examination of auction lots before the auction must be approved and supervised by a Committee Member.

***This venue is Alcohol Free***

## **Previous Meeting**

*Tuesday April 13*

### ***Tool Sale Adventures***

*The May 2 Tool Sale was getting closer and to get members excited the April meeting was devoted to the theme of Tool Sale Finds.*

Several well-known members stepped forward and shared the great bargains or rare discoveries they have found at tool sales, garage sales and markets.

*This was a 'tell it all' session where the speakers boasted about the great finds and also confessed to some memorable misjudgements.*

The audience was invited to share their experiences and did so with gusto and good humour.

Truly an evening of congratulations and commiserations, tempered with good companionship.

### ***TTTG Inc. Tool Collection***

*TTTG has amassed a large collection of old tools over the years.*

*The bulk of the TTTG Tool Collection is in the Strathfield Men's Shed.*

*The TTTG Library is being gradually moved to this location.*

*Eventually members will be able to access the Tool Collection and Library at this location by prior arrangement with the committee. TTTG will continue to accept gifts of tools and printed material and will continue to acquire items of significance.*

## TTTG Workshops

### TOOL SHARPENING

June 20

EXPERIENCE USING SHARP EDGE TOOLS LEARN HOW TO SHARPEN EDGE TOOLS, CHISELS AND PLANES

ALL BASIC TOOLS ARE PROVIDED SHARPENING EQUIPMENT FOR SALE

### BLACKSMITHING

July 4

IN THE-WELL EQUIPPED WORKSHOPS OF THE 'HERITAGE SHIPYARD' AT ROZELLE

EXPERIENCE FORGING HOT STEEL

ALL BASIC TOOLS ARE PROVIDED

### TOOL REPAIRS

SEPTEMBER 19

REPAIRS TO WOODEN PLANES MAKING CHISEL AND PLANE HANDLES AND REPLACEMENT PARTS

ALL BASIC TOOLS ARE PROVIDED

### ROUTERS

NOVEMBER 21

USING THE ELECTRIC ROUTER SAFELY JIGS AND DEVICES PATTERN ROUTING

The TTTG Workshops respond to the member's requests for classes on topics they specify.

*The second half of 2010 workshops repeats two popular workshops.*

**Tool Sharpening** is a workshop that always attracts large numbers. There is always something new at this workshop.

**Blacksmithing** is a workshop that appeals to many participants. At the new location it will be even better.

## Venues:

*\*Tool Sharpening*

*\*Tool Repairs*

*\*Routers*

### Asquith Boys High School

Jersey Street (North)  
Asquith

*\*Blacksmithing*

### Sydney Heritage Fleet's Heritage Shipyard'

Gate 4, James Craig Road. Rozelle



TTTG MEMBERSHIP	\$35
MEETINGS \$5 ENTRY	

WORKSHOPS	
TTTG MEMBERS	\$20
NON-MEMBERS	\$40

ENQUIRES  
THE TRADITIONAL TOOLS GROUP  
INC. P.O. BOX 240 GROSVENOR  
PLACE SYDNEY NSW 1220

0419 245 699                      98697487

WWW.TTTG.ORG.AU

*The second half of 2010 workshops introduces two new workshops.*

*Both new workshops are in response to requests from TTTG members.*

**Tool Repairs** will focus on repairs to wooden planes and other wooden tools such as gauges and spoke-shaves. You will learn how to re-mouth planes, make plane wedges and repair moulding planes.

**Routers** will open your eyes to the many uses and possibilities of this machine.

## 2010 TTTG Tool Sale

The first TTTG Annual Tool Sale drew buyers from a wide area.

After the Sale we received this email

*I went to the Asquith tool sale last weekend and really enjoyed it and bought a few things. About \$400 worth.*

*I was most excited to find out that a tool I had bought on ebay some months ago from the US was a bearing scraper. It was advertised as a wedge? and the picture was not too clear. I thought a friend of mine may have been able to prop up doors with it as he screwed them to cabinets.*

*Please advise me when I can join TTTG on line with my Visa.*

*It is a long drive from Brisbane, but I may be able to make it sometimes.*

*Regards Steve*

### **IS BRISBANE A RECORD?**

The Treasurer signed up Steve to TTTG and we hope to see him again in Sydney.

The Sale was very popular and we have received significant positive reactions.

To provide an independent opinion the editor has reprinted Hans Brunner's review of the 2010 TTTG Tool Sale, on the opposite page, followed by the President's reply and observations on the sale.

The venue was generally acknowledged as excellent being easy to find and providing ample parking.

The food and beverage service has been widely praised for both the variety of food and for the reasonable prices.

*The organisation and hard work paid off.*

***Special mention must go to the Sale organiser Horacio Rodriques.***

## 2010 Tool Sale Evaluation

The TTTG Committee reviewed the Sale under *Strengths* and *Problems*.

### **Problems**

1) The school hall has been modified and these intrusions do make setting up very labour intensive.

Solution: We need more volunteers!

2) Directing vehicles to parking areas.

Solution: The signage for next year has already been ordered.

### **Strengths**

1) All vendors appreciated TTTG supplying the tables. The outlay on the tables has been recovered from the 2010 Sale.

2) The location seems ideal.

3) The Food Service complements the venue while being at no cost to TTTG.

4) The parking is excellent.

5) Proximity to ATMs is a bonus

6) Costs both for vendors and buyers are lower than other sales.

7) The Sale attracted the projected numbers with all costs recovered.

## 2011 Tool Sale

**Date:** 15 May 2011

**Venue:** Asquith Boys High

**Entry:** \$5

### **Bookings for the 2011 Tool Sale**

We are now taking bookings!

*Hans has already booked three tables.*

## TTTG Tool Sale 2010

Hans Brunner

*(Review from Han's website 12-5-2010)*

After a few years absence from the Sydney tool community I attended the recent tool sale organised by the NSW tool club, The Traditional Tool Group Inc.

This was a well organised event, probably the best organised sale I have attended, run like clockwork by the club members with a lot of input from their president, Bob Crosbie. There was a parking attendant to flag us in, name tags for the sellers, ushers to show us to the numbered sales tables and plenty of room to move about and get ready for the hordes.

At the dot they showed up or did they? I'm not good at guessing crowd numbers; if I have to come up with a number I guesstimate 300 but I could be wrong upwards or downwards.

If you measure success by the number of people through the door this was as good a sale as any other. And yet, I can't help but feel that something has changed dramatically. It was like a time warp, we were still all there, club members and sellers, the same as at the last 15 or so sales, just older and a lot less enthusiastic. We don't need the lolly shop any more; all the sweetness of tool heaven is now available at the click of a mouse.

I'm just as guilty as the next tool bloke who lists his tools on eBay. The older members will remember the sale many years ago, when Reg Eaton sold half his Australian stash. I was the first one through the doors; five minutes later I was clutching about \$ 5,000 worth of planes in my hands including a chipped Stanley 1 for which I happily paid \$ 1,300. I had a fixed Stanley 1 for sale at this sale, too. My cash asking price was \$ 650 and there was no taker.

Don't get me wrong, I really enjoyed meeting everybody and I really had a great time. As a social event I rate this sale a great success. Commercially it was a flop. I might have broken even; I really don't want to crunch the numbers. Others might have done better but I doubt very much. Unless we can get new blood through the doors we might as well treat this as an outing for the old tool guys. Count me in!

Horacio Rodrigues took some pictures of the sale and let me share them with you. For some reason I keep calling him Andrew, even though he has such a nice, distinctive name. Sorry Andr.... Horacio!

### **The TTTG President replies**

TTTG invested a bit over \$2200 in buying forty five tables. This plus the hire fee, some printing and various incidentals rounded out TTTG's expenditure to about \$2700. *This was a lot of money with no certainty of the first sale being a success.*

The TTTG Committee would have been happy to have recovered fifty percent of this outlay. As it is we have recovered all the money spend on the first TTTG tool sale and made a very modest profit.

The TTTG Committee would have been happy if we had two hundred buyers pass through the door at the first TTTG tool sale. As it is Han's attendance figure is pretty close to the tally.

Hans is right about the number of old faces but I noticed lots of new faces. After the first TTTG tool sale we signed up a number of new members and saw some new faces at the May Saw Sharpening workshop.

TTTG continues to recruit members of all ages and what stands out is the number of new members who actually use tools. If the 2011 TTTG tool sale attracts more users wanting to buy tools at realistic prices I will be very happy.

***2010 Tool Sale Snaps***



***Agricultural tools***



***Even oil lighting!***



***Next year  
they might  
even allow  
me in***



***Books and Mags***



***A fine collectable antique***

## ***THE LEDGER***

### ***New Members***

On behalf of the TTTG Executive and Members, a welcome is extended to twelve new members:

<b>Reg Russell</b>	<b>M578</b>
<b>Ennis Barnes</b>	<b>M579</b>
<b>Bill Yates</b>	<b>M580</b>
<b>Terry Baker</b>	<b>M581</b>
<b>Sandy Ramsland</b>	<b>M582</b>
<b>Don Dadley</b>	<b>M583</b>
<b>Stephen Weinert</b>	<b>M584</b>
<b>Rod Brown</b>	<b>M585</b>
<b>Ian Hemming</b>	<b>M586</b>
<b>Nejdet Danis</b>	<b>M587</b>
<b>Geoff Unsworth</b>	<b>M588</b>
<b>John Steele</b>	<b>M589</b>

#### ***Surface Grinder***

TTTG is looking for an old small but accurate *Surface Grinder* for use at our workshops.

Donation to TTTG preferred.

#### ***Saw Filing Machine***

TTTG is looking for an old Foley, or similar, *Saw Filing Machine* for use at our workshops.

Donation to TTTG preferred.

### ***TTTG Workshops***

TTTG's next two all-day ever popular workshops will be

\*Sharpening Workshop

Sunday 20th June, 2010

\*Blacksmithing Workshop

Sunday 4th July, 2010.

*Both workshops start at 9:30am.*

The Sharpening Workshop will be held at, Asquith Boys' High School, Jersey Street North. Asquith.

Bring a plane blade and/or a chisel; after the workshop you'll be amazed how sharp it is.

**The Blacksmithing Workshop will be held at Sydney Heritage Fleet's "Heritage Shipyard", Gate 4, James Craig Road, Rozelle.**

**See page 33 for illustration of Blacksmith's tools**

Our Workshops cater for people at all skill levels from beginner to advanced artisan. No matter what your skill level, you will learn a lot!

TTTG workshops teach not just skills but provide a day of enjoyment and camaraderie. *Many of our members joined TTTG as a result of their attendance at our workshops.*

#### **Workshops**

\$20 for members

\$40 for non-members

Non-members may join on the day for a total of \$55 to enjoy the numerous delights of TTTG membership.

Tea/Coffee and bickies provided.

Bring your lunch if desired.

## ***Coming Events***

### ***Sydney Timber and Working With Wood Show***

June 18 - 20, 2010

Visit TTTG's Stand No. 221A  
Hordern Pavilion Moore Park).

### ***Sydney Tool Sale & Swap (Henry's Sale)***

Sunday August 15th 2010 at  
Strathfield Men's Shed.  
28 Pomeroy Street Homebush.  
Doors open 9am.

See ad on page 30

### ***2011 TTTG Tool Sale***

Sunday 15th May, 2011  
Asquith Boys' High School.  
Pacific Highway, Asquith  
Doors open 9am.

### ***Australian Woodworker***

In this 25th Anniversary of the  
Australian Woodworker, to compete a  
collection I'm seeking the following  
issues:

Any 1985

1988: Jan/Feb, Mar/Apl, May/Jun

1989: Jan/Feb

1990: Jan/Feb, May/Jun, July/Aug

Clynt Sheehy  
Hon. Treasurer

## **IMPORTANT !!**

### ***Venue for TTTG Meeting***

***8 June, 2010***

TTTG's June 8 meeting will be held at

Redfern Town Hall

Second Floor Meeting Room

73 Pitt Street (Cnr. Wells St.)

Redfern

The hall is booked from 6:30 to 10:30  
pm. Meeting starts at 7 pm. Parking is  
fairly easy to find after 6pm.

This change of venue for the June 8  
meeting has been necessitated by  
renovations at our usual meeting  
place (The National Trust building on  
Observatory Hill, The Rocks, Sydney).

It is anticipated that we will return to  
The National Trust building for our  
August 10 meeting. Please check the  
next issue of TTTG NEWS (No. 114  
August, 2010) or see our website  
[www.tttg.org.au](http://www.tttg.org.au) for confirmation.

### ***TTTG Subscriptions Due***

Please pay your 2010-11  
TTTG subscription before  
30th June, 2010.

See Subscription Renewal Notice  
in this issue of TTTG NEWS.

**THE TRADITIONAL TOOLS GROUP INC.**

# **SUBSCRIPTION RENEWAL NOTICE**

TTTG Memberships are based on the financial year 1<sup>st</sup> July to 30<sup>th</sup> June

**PLEASE PAY YOUR 2010-11 SUBSCRIPTION BEFORE 30<sup>th</sup> JUNE, 2010**

**PLEASE FORWARD A CHEQUE FOR \*\$35**

**(MADE OUT TO TTTG INC.) TO:**

**The Treasurer**

**TTTG Inc.**

**PO Box N240**

**GROSVENOR PLACE**

**SYDNEY NSW 1220**

\* If you live in Australia more than 50 km from the GPO Sydney or you are an Australian CentreLink pensioner, then you MAY CHOOSE TO PAY only \$30

Please advise if you have CHANGED your address from that shown on the address label on the envelope which conveys your TTTG NEWS or if you have changed your E-mail address.

It would be helpful if you would write your name and TTTG Membership number on the back of your cheque particularly if the name on your cheque differs from yours. (See top left of TTTG NEWS address label for your Membership Number.)

Should you require a receipt, please enclose a stamped self addressed envelope with your cheque or see the Hon. Treasurer, Clynt Sheehy, at a TTTG meeting.

**The Treasurer has already received 2010-11 subscription payments from the following prompt-paying, proactive members ( as at 16th May, 2010 ) :**

**2, 15, 31, 32, 36, 43, 49, 53, 60, 77, 87, 92, 113, 116, 132, 136, 164, 166, 188, 190, 196, 200, 203, 206, 209, 210, 211, 213, 215, 224, 225, 227, 238, 240, 241, 248, 250, 253, 254, 275, 276, 278, 291, 302, 313, 320, 321, 330, 332, 333, 337, 343, 348, 349, 350, 354, 355, 359, 361, 364, 369, 374, 378, 382, 387, 390, 395, 396, 401, 410, 411, 414, 416, 417, 423, 427, 433, 438, 441, 442, 448, 453, 457, 460, 463, 466, 470, 477, 479, 481, 482, 483, 489, 494, 500, 501, 502, 505, 508, 510, 516, 517, 518, 519, 524, 530, 540, 544, 545, 550, 551, 552, 555, 558, 561, 562, 564, 567, 573, 575, 576, 577, 578, 579, 580, 581, 582, 583, 584, 585, 586, 587, 588, 589**

*These Members and those who have posted cheques should ignore this notice.*

## Subscription Payments

Payments may be made by cheque, by cash at TTTG meetings & workshops

**OR**

You may choose to pay by PayPal :

For those members who do not have a PayPal account and wish to sign up: please go to the PayPal website at [www.paypal.com.au](http://www.paypal.com.au) and follow the instructions.

For those members who do have a PayPal account: on the Membership page of TTTG's website ( [www.tttg.org.au](http://www.tttg.org.au) ) click on Membership near the bottom of the page, then on Subscription Renewal near the bottom of the page.

When you get to the Subscription Renewal page you will find a number of entry fields that need to be filled in. All entry fields are required and will be matched against the member database to ensure they are valid.

To correctly fill out the form you will need your mailing label to obtain your membership number and first and last name as registered by TTTG. From the mailing label enter your membership number WITHOUT the leading 'M', i.e. 'M999' should be entered as '999'. The first and last name need to be separated and should be entered as shown on the mailing label including those members that include a partner on the label, i.e. Jane & Joe Bloggs should be entered as 'JANE & JOE' in the first name entry field, and the 'BLOGGS' in the last name entry field. The E-mail address is required to give you notification of payment being made.

Pressing the 'Check Details' button will confirm your details and notify you of any errors that need correcting.

If you do encounter an error, they will most likely be:

***'The Membership Number must be numeric'***, to correct this, enter your membership number without the leading 'M'.

***'The E-mail address must be in a name@domain format'***, requires that a valid E-mail address be entered.

***'First Name, Last Name or Membership Number do not match any existing member'***, please re-check you details against the mailing label, if you still have a problem contact the webmaster at [webmaster@tttg.org.au](mailto:webmaster@tttg.org.au).

Once the details have been verified, the page will be updated to show the additional information provided from that which is currently stored in the database, so please verify that the information is correct before proceeding to PayPal.

Please note that if the 'Currently Paid Until dd-mmm-yyyy' information is not showing, it indicates that you are not a current member and after payment is made this information will be updated to reflect your membership status.

To make the actual payment, press the 'Proceed to PayPal' button and you will be taken to the PayPal site to complete the transaction. Once at the PayPal site carefully follow the instructions taking note that you are purchasing a 'subscription renewal' for 'The Traditional Tools Group, Inc.'. When you have completed the transaction, you will re-directed back to the TTTG website and should expect an E-mail from PayPal on your transaction and an E-mail from TTTG indicating your membership status.

## Nev's Sheds

Nev, a long time member of TTTG, lives in the New England district of New South Wales, an area dotted with sheds, however, very few of these sheds are as interesting as Nev's sheds.

*A visit to Nev's was long overdue.*

The persistence of this down to earth gentleman landed us on his doorstep. We were soon 'one of the family' and unwinding as we were given the run of the place.

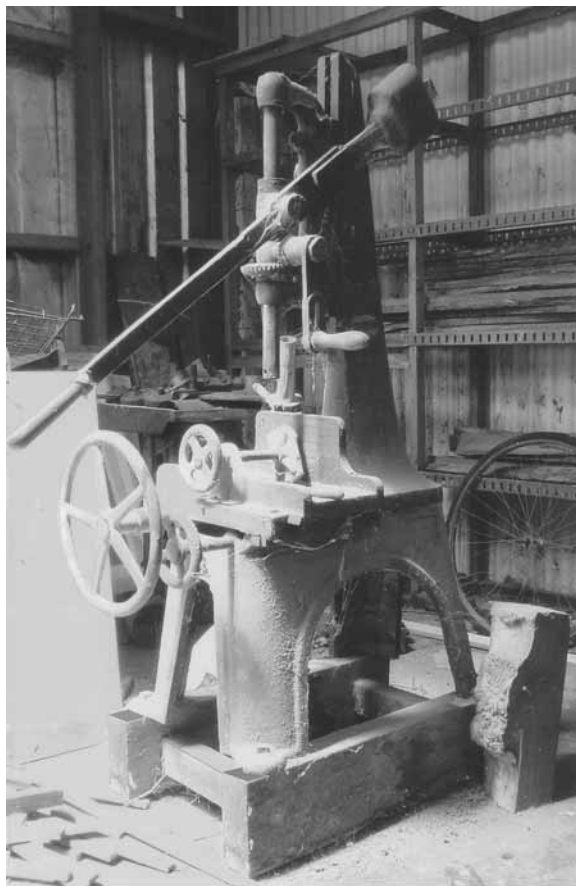
There they were, one imposing shed with several out buildings. The additions to the larger shed obviously grew out of the need for more space-a man's shed is never big enough.

You must understand, country sheds are unique, no carpets on the floor, no ordered shadow boards or clear bench tops, no contents carefully pigeonholed and neatly labelled, there is just a relaxed accumulation of spoils atmospherically enhanced with a blended aroma of farm, engine oil and a mustiness of aged wood not commercially available in a spray can. It was good to be in a real shed.

The squawk of a chook as it flew out from under the bench followed by a smirking rooster was a fitting prelude to a most interesting excursion. At first scan of the scene we took in the remnants of yesterday's projects, and a mix of jobs to do and machines to do them, not overlooking the things hanging on hooks and sitting on shelves, there must be more. On venturing further around into half light, it was a different scene with a mix of planes, piles of floor cramps, farm implements and many a whatsit that would challenge the most curious mind.



For the purpose of this story I will focus on a piece of ironmongery from days long gone. The Mathieson mortising machine, similar to one that I had restored many years back, presented an imposing image of power and purpose, I won't delve into details or description of this machine as they are very well documented, however, in the light of recent discussions on 'to restore or not', I viewed this old warrior in a different light.



There it stood spider webs and all, garnished with a sprinkling of dust blending nicely with rust. What an evocative image.

One must ask  
*'could this be reproduced?'*

Perhaps,  
*but would this evoke the same mood?*

Sure, a fully restored centre piece in an Industrial Museum would be impressive; however, it certainly would be out of place in Nev's shed and would lose all of the character collected through its years of service and storage. The argument is academic, none the less; my advice to Nev is *'don't even touch the spider webs'*.

Nev recently told me he caught a fox the other week that had taken up residence in one of his sheds. When asked if it had killed any of his chickens, he answered *'I wouldn't know I never count them.'*

Now that's country life.



Mortising Machine Chisel.

No. 60—Chisels for "SARACEN" Mortising Machines, ...	To	$\frac{3}{4}$	$\frac{1}{2}$	1 in.
" 61— " " "STAR" and "CRESCENT" Mortising Machines, 3/		3/6	4/	4/3 ea.
" 62—Blaze Drivers for "STAR," "CRESCENT," or "SARACEN" Machines, 2/6				" "



Grooved Back or Self-Coring Mortising Chisel.

No. 63—For "SARACEN" or "CRESCENT" Machines, 6/	To	$\frac{3}{4}$	$\frac{1}{2}$	1	$1\frac{1}{4}$	$1\frac{1}{2}$	$1\frac{3}{4}$	2 in.
" 64—With Special sized Tangs, say up to 2 $\frac{1}{2}$		6/6	7/6	—	—	—	—	ea.
in. long x 1 in. diam., ...		7/6	7/9	8/	9/	10/	11/	12/ 13/6 ea.

Mathieson mortising machines came with a range of chisels and core drivers. The standard pattern of chisel is shown at the top of the illustration. The Self-Coring pattern is shown below.

Alex. Mathieson & Sons, Ltd.  
1899 Catalogue

## Along the Road to DIY

### **The Great Depression and WW II & The Erosion of Traditional Trade Skills in the Woodworking Industry in New South Wales**

Tough economic times can produce significant changes in society. The generation that endured the decade of the Great Depression of the 1930's valued thrift and strived to improve the lives of their families to ensure that they never suffered the hardships of breadlines and soup kitchens.

It is ironic that the Depression generation and their heirs, the 'baby boomers', have also been witness to the rise of the DIY culture and the erosion of so many of the traditional trade skills that helped rebuild the nation post Depression and post World War II.

#### ***Were Depression driven thrift and wartime improvisation the drivers of Do It Yourself?***

Or is the rise of DIY just an inevitable consequence of growing prosperity, a transforming economy, modern marketing techniques and cheap imported electrical goods? Are traditional trade skills now just an artefact of industrial development and technological change?

The economic and social changes that occurred in the generation of the 1930's and following WWII may hold some early clues to this conundrum.

The Great Depression brought to a shattering halt the economic roller-coaster of the 1920's but did it also begin the processes of the devaluation of trade skills and the beginning of the trend in the erosion of trade skills that is evident in contemporary Australia?

Were the seeds of change in the appreciation and value placed on traditional trade skills sown in the aftermath in the Great Depression, nurtured post WWII and reaped in recent generations?

#### ***I am undertaking a detailed research project to try and answer some of these questions.***

Examining the historical and industry records will be a key part of the project but there is no substitute for information from tradespeople and their families who lived through these times and events.

I would value any thoughts or ideas from TTTG members, especially those with first hand recollections of changes in the nature of the woodworking industry from the Great Depression of the 1930's to the post WWII period.

Chris Priday

Contacts:

Email: [pridays@bigpond.net.au](mailto:pridays@bigpond.net.au)

Phone: 0401 716 587

*Illustration:*

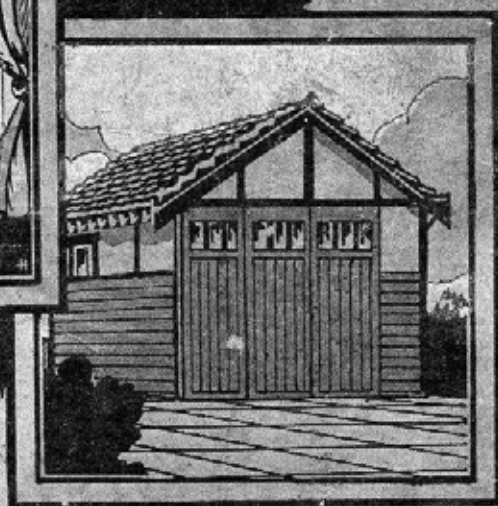
Front Cover of  
The Australian Home Carpenter,  
Australian Home Beautiful Handbooks.  
Number 1. 1929.

***Was the birth of Australian DIY  
in 1929 the first year of the  
Great Depression in Australia?***

◆ ◆ The Australian ◆ ◆  
**HOME CARPENTER**

by  
**Alex. Smith F.B.I.C.C.**

*Lawson*



**A BOOK FOR AMATEURS  
AND CRAFTSMEN**



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**AUSTRALIAN HOME BEAUTIFUL HANDBOOKS = NO. 1**

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## Rust Removal

The three methods of rust removal are:-

- 1) Mechanical
- 2) Electrolytic
- 3) Chemical

*Below I discuss methods 1 and 3 in detail and option 2 briefly.*

### 1) Mechanical

The mechanical methods to remove rust are from ferrous metal are;

- a) Scraping
- b) Grinding or Sand-blasting
- c) Abrasion
- d) Rotary Wire-brushing

**Scraping** is the safest method to remove heavy rust. An engineers' scraper or an old file or chisel ground at 80 degrees is the best scraping tool.

*Be careful not to cut into soft metal.*

**Grinding or Sand-blasting** is a method rarely used to remove rust from tools.  
*Files can be sharpened by sand blasting.*

**Abrasion** is a slow but safe method of removing rust. The best technique is to glue various grades of metal cutting cloth backed abrasive to plywood (12mm). These are called emery sticks. Start with the coarsest grade of stick, rubbing in one direction using kerosene or WD40 on the stick to wash away the rust. Dry abrasion is slower and creates unhealthy dust.

*This is the only method that should be used to remove rust from hand saws.*

**Rotary Wire-brushing** is a problematic method of rust removal. With care and a soft wire brush surface rust can quickly be removed. Finish with emery sticks.

### 2) Electrolytic

This is a safe method favoured by many. Details of Electrolytic rust removal can be found on the TTTG website.

*Avoid using this method for removing rust from any tensioned steel such as springs, rules or handsaws.*

### 3) Chemical

The two safest chemicals used for rust removal are;

- a) Vinegar (Acetic acid)
- b) Citric Acid

Any acid will pickle oxide or scale from metal surfaces but the above acids are safe to use and freely available.

**Cleaning Vinegar** removes rust and can be used to sharpen files.

**Citric Acid** also removes rust and can be used to sharpen files.

There is little difference between the two acids. Which one you use is a matter of personal preference.

*Avoid using vinegar or citric acid for removing rust from any tensioned steel such as springs, rules or handsaws.*

The writer prefers citric acid. Apart from using citric acid hot the suggestions for using citric acid apply to using vinegar.

### **Using Citric Acid**

The citric acid is dissolved in hot water.  
*How much and how hot?*

*My answer is, the hotter the better and as much as you find necessary.*

Don't get hung up on quantifying the process as nothing is really critical when using citric acid.

## How to derust in citric acid

Immediately after making up a hot solution of citric acid drop the tools into the liquid and leave them for at least an hour. *The thicker the rust the longer the tool stays in the solution* is a good rule of thumb. The acid is active when bubbles rise from the metal. This is the precipitate removing the oxide. The acid is 'dead' when the bubbles stop.

Once the solution is dead clean the tools.

## Removing the desolved rust

Fill a bucket with hot water and add dish washing detergent. Put the tools in the hot water, *wear rubber gloves*. Clean the tools using a kitchen green scouring pad.

Dry the tools and spray with a water disperser or rust inhibitor such as G15.

*If rust is still present repeat the process.*


**Citric acid is edible but be careful!**

**TTTG CITRIC ACID**

**THE BEST & CHEAPEST**

**AVAILABLE AT ALL TTTG INC. MEETINGS & WORKSHOPS**

**SUPPORT TTTG AND SAVE MONEY!**



The cartoon character 'Tough Minor' is a muscular man with a large head, wearing a striped long-sleeved shirt with 'TOUGH MINOR' on the chest, black shorts, and boots. He is holding a tool, possibly a file or rasp, in his right hand.

**SMALL BAG \$3****BIG BAG \$6**

**TOOL REPAIRS WORKSHOP**

**SEPTEMBER 19<sup>TH</sup> 2010**

At the *Tool Repairs Workshop* the use of *Citric Acid* to remove rust from tools and to sharpen files and rasps will be demonstrated. *Citric Acid for sale.*

## **Stanley Knives**

### **How many Stanley Knives do you own?**

I'm willing to confess that I have too many Stanley Knives. The strange thing is that I can only remember buying one! It was the first Stanley Knife I owned and probably the only one I purchased new. My other Stanley Knives have come second hand with other stuff. Quite a few have been found on Council clean ups.

The first Stanley Knife is featured in this review from Popular Science June 1936.



### **KNIFE CARVES FIBER BOARD**

DECORATIVE designs are easy to cut in fiber board with a convenient hand tool recently introduced. Its rounded handle provides a firm grip upon a razor-sharp, heavy-duty knife blade, as shown in the photograph above. Spare blades are carried in the hollow handle, which is opened by the removal of a screw.

The original Stanley Knife was made in the U.S. of A. Later the Stanley Knife was also made by Stanley Tools Great Britain.

I haven't undertaken any research into Stanley Knives but I'm sure this would be easy if a bit tedious. Likewise I've never been lucky enough to score an early one made in America but I do have a few early English Stanley Knives.

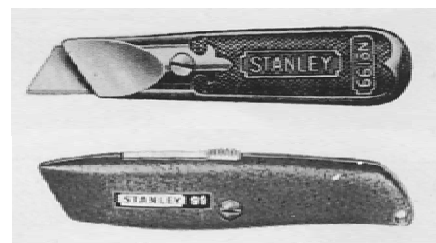
The early knives had a non retractable blade. This makes for a very rigid knife. I can remember shaping the first plane handles I made with one of these early Stanley Knives. They are great tools!

The retractable blade knife was probably introduced in the 1960s. Recently I found an old type Stanley Tools Great Britain Stanley Knife with a slip on blade cover. *I only realised what it was when I recognised it from an illustration in a 1950s Stanley Great Britain catalogue.*

The blade guard is a triangular piece of folded sheet metal. It reminded me of an early episode of Z Cars where some nutter was running amuck with a Stanley Knife. Maybe the retractable blade Stanley Knife was developed when the old pattern was seen as a potential offensive weapon.

There are a number of variant patterns of the retractable blade Stanley Knife. In the future someone else may document them. All I'll say is that some are good and some are near useless. There are also a number of special blades to fit Stanley Knives. Again this is a topic for someone else.

As is to be expected Stanley Tools Aust, also manufactured Stanley Knives locally.



*Original Stanley and the new Retractable Stanley Knife were featured in the April 1, 1963 Stanley Tools USA Export Catalogue*

## Water Stones

### The grey residue

Clynt Sheehy

*I posted the following on an Old Tools Internet web site.*

I, and a number of others I've spoken to, don't like the idea of water getting anywhere near tools. However, for this reason, despite having had good success with water-stones in the past, I have reverted to using diamond plates, a Pike oilstone and an ultra-fine ceramic stone.

A professional carpenter recently told me he successfully uses turps on his water-stones. He uses a brush to apply the turps to the stone but my water-stone (a 1000/6000 combination) is kept immersed in water (and has been for a number of years).

The water-stone produces a sharp edge but it seems to leave a greyish tinge on the back of the blade which could be stone particles embedded in the steel surface. *If this greyish tinge is water-stone residue, could it be water holding or water absorbent leading to rust?*

***Have any Galoots had any experience with the use of liquids other than water on water-stones?***

*I received some interesting replies but no answers so I posted the following.*

I'd like to thank all contributors to this discussion however my questions haven't been answered.

What I'd like to know are:

(1) Has anybody had any experience with the use of fluids such as turps on WATERSTONES?

(2) Would the use of turps have a deleterious effect on water-stones?

I gained heart from Brent Beach's posting of 13 May that the greyish tinge left on the back of water-stones is NOT stone particles left on the back of the blade but results from micro-dents from the stone particles released in the lapping process.

#### ***Clynt's observation***

*Brent's response questions the slurry retention philosophy.*

Tom, from a San Francisco, offered these insightful comments on stones.

-His (King KDS Matsunaga 1000/6000) water-stone has been immersed in water for several years; it's not worn very much because he hasn't used it often as he didn't like the look of the greyish tinge it left on the backs of plane blades which he thought was water-stone residue and which could be water-holding.

-Brent Beach, in his Old Tools posting of May 13, cleared up the greyish tinge concern with his advice that the greyish tinge was not stone residue but was micropits in the blade backs caused by rolling water-stone particles.

-At the suggestion of Samu on Old Tools, he will try adding one or two drops of dishwasher detergent to the water. And following his advice, will add a little Sodium Bisulphite.

-He has boiled the sludge out of a synthetic (silicon carbide) oilstone; I don't think I'd risk it with an Arkansas stone; I use white spirit to clean natural stones.

(Boiling water pressure in a fissure in a natural stone could split it apart.)

I ended the postings with these words,

*Thanks again for your advice; I've enjoyed reading your Old Tools postings over several years on the porch.*

## **Another New Router**

*Black & Decker (A'asia) Pty Ltd  
Croydon Victoria Australia  
1 HP Heavy Duty Router  
Cat. No. HD 14/3*

Regular reader may recall an article in a previous issue of News under the title 'My New Router'. Well I've just purchased another old router.

The latest router came with a box of partially rusty modern cutters so my ten dollars probably wasn't thrown away. The plug looked a bit dodgy so it was no surprise when I plugged it in to find it didn't work. I'm confident a new cable and plug will soon have it purring. The only significant thing missing is the fence.

### ***Why did I buy this router?***

Even if only two of the boxed cutters were sharp my ten dollars was well spent. The truth is I just liked the look of the router and apart from a bit of grime it was in fairly good condition for its advanced years.

### ***Why do I buy these machines?***

Firstly I'm interested in the design of old power tools. Secondly I never pay more than \$10 for an old router!

### ***How old is the B&D HD Router?***

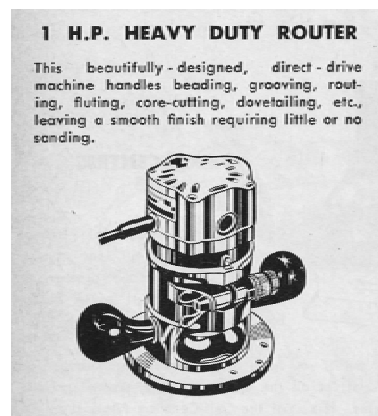
My guess was 1960s and this proved to be correct. I found this router in an undated McPherson's Catalogue. The price of the catalogue was \$2 and a few of the tools illustrated could be dated to the late 1960s. So a rough date for the catalogue would be 1971. I suspect the original owner decided to purchase the basic router rather than the more costly option of the router in the metal case. Then again the box and accessories may have been lost when someone tidied up the garage and sold the good stuff!

## ***The Router's quality***

This router is a quality machine. It is powerful (for the time) but light in weight. The handles provide excellent control and the toggle switch is easy to reach and to operate. The rise and fall is a pleasure to adjust. The vernier knob activates a rack and pinion. This is vastly superior to the clumsy and time consuming mechanisms on most modern routers. The method adopted to secure the arms of the fence is also very well designed.

### ***Contrast with modern routers***

A new 1 HP router wouldn't be classed as heavy duty. The first difference is that this old router is not as powerful as a quality modern router. The B&D only takes 6.5mm cutters. However if we compare this old router with a heavy duty modern trimmer the older router starts to shine. The rise and fall and the fence mounting on the old router are vastly superior to the majority of current trimmers. The materials used are also superior even though they are slightly heavier. The old router is also a lot easier to hold and to switch on and to switch off. The only significant 'disadvantage' of this old router is the noise level. I always wear effective hearing protection when using power tools so this doesn't bother me. Also we are conditioned to believe that the modern electronics are safer!

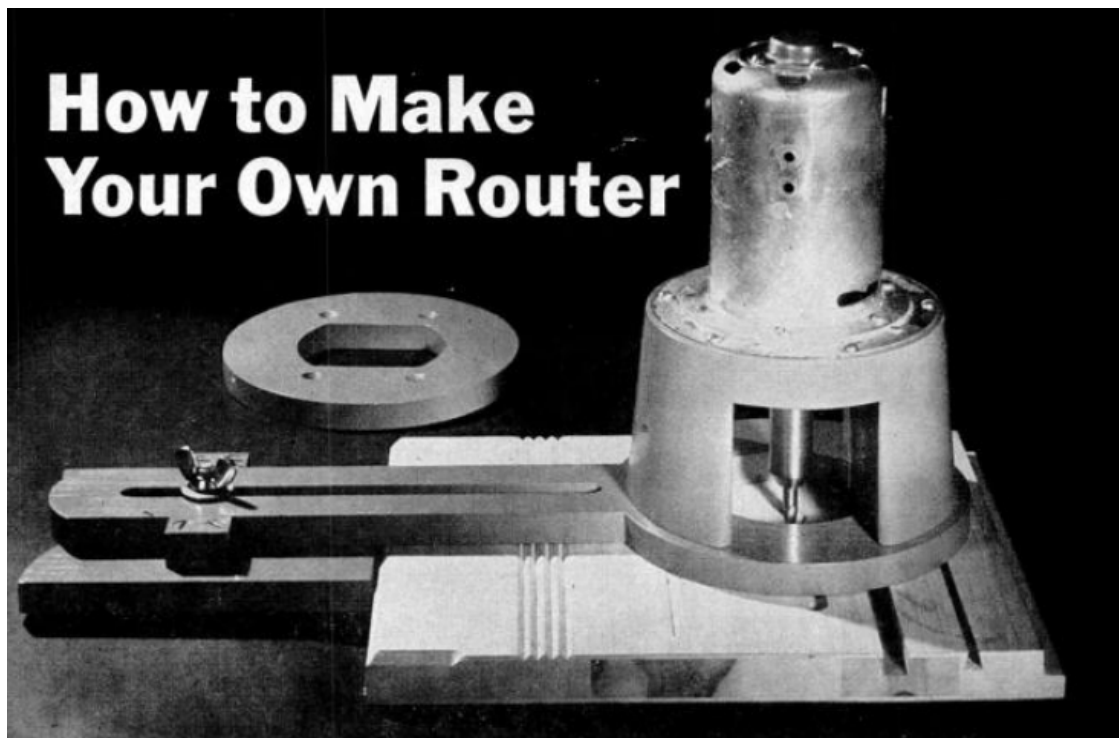
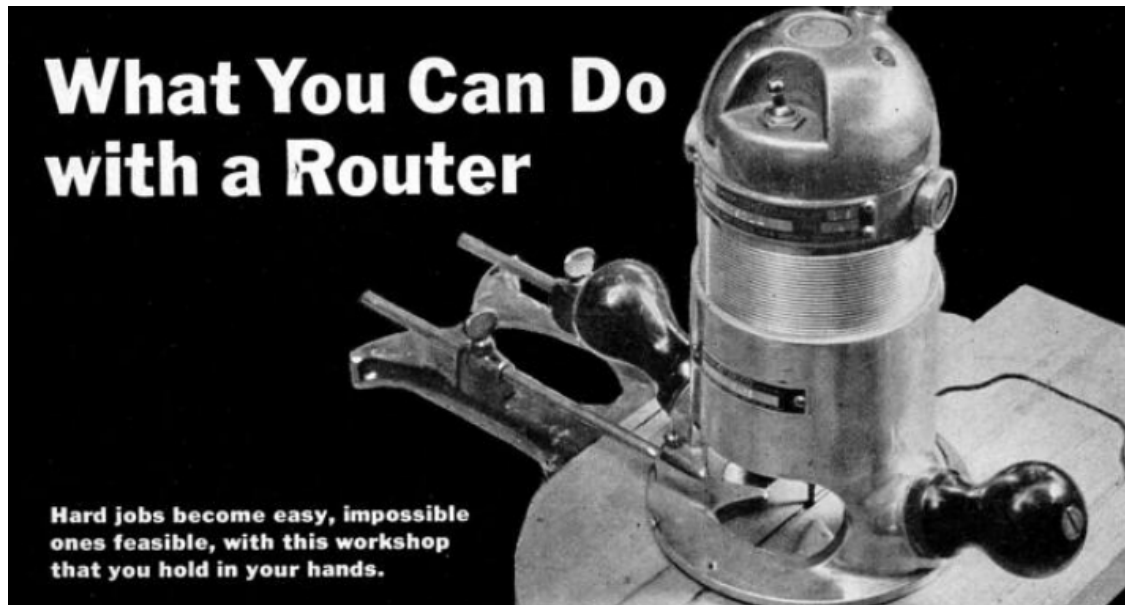


Thomas McPherson & Son Pty. Ltd.  
Catalogue 264 (undated)

## Electric Routers 1951

The July 1951 issue of *Popular Science* has two articles on electric routers.

One article discusses what can be done with a router; the other describes how to make a router from a vacuum cleaner.



## Silex Adjustable Mortice Gauge



Goodall & Co. Pty. Ltd. Sydney.  
Catalogue 1950?

Until I purchased one at the 2010 Tool Sale, I had never seen a Silex adjustable mortice gauge. I've seen lots of other Silex gauges so maybe this one isn't common.

At first I must admit that I do not like metal gauges as working tools, they never seen to work as well as wooden gauges. Even the cast iron ones don't impress me so the diecast Silexs haven't a chance of getting a high rating.

As a working tool the Silex adjustable mortice gauge is no exception to my observations. It isn't a gauge I would choose to use.

That said, design wise it is an interesting tool. The designer of this gauge has tried to take all the features of the best quality wooden bodied mortice gauges and incorporate them into a gauge made from modern metal components at a low price.

The long screw in the stem activating one spur is the feature of the best mortice gauge design. Realised in wood it is an expensive mechanism. The quality of the wood adds to the price, so beech was cheapest and ebony dearest, but the metal bits are what add most to the cost.

The steel and brass components and the method of fixing them was the real high cost factor in the production of traditional adjustable single stem mortice gauges.

The Silex adjustable mortice gauge design has the captive screw housed in a steel tube. The stem is a low cost component.

Indeed all the Silex components are low cost. The stock is the same diecast stock used on all Silex gauges. The locking screw is a standard knurled head 1940's screw (I've seen similar on the guards on 1940's machine tools).

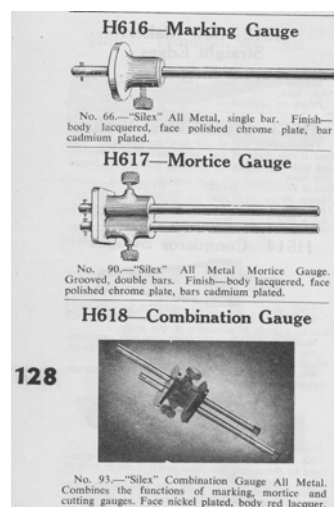
The components of Silex gauges are well made production items while the standard of assembly is 'sufficient for the product'.

For example, the knurled locking nut on the end of the stem is prevented from winding off the end of the screw by a few threads having been deformed after assembly. The screw is standard BSW.

The points are well shaped and no doubt hardened and tempered and every moving part works well. The original plating is virtually intact.

This isn't a tool I would select to use but if I had to use it I would be confident that it would do a good job!

### The Silex Gauges



Silex also made a  
Butt Gauge

# Titan Chisels

## Wood Chisels page from

Goodall & Co. Pty. Ltd.

Sydney.

Catalogue 1950?

*Goodall & Co. Pty. Ltd.*

**WOOD CHISELS**

**H625**      **H626**      **H628\***      **H629**

**H625—Bevelled Edge Socket Chisels**  
Bergs "Fish" brand.  $\frac{1}{2}$ in.,  $\frac{3}{8}$ in.,  $\frac{1}{2}$ in.,  $\frac{5}{8}$ in.,  $\frac{3}{4}$ in.,  $\frac{7}{8}$ in.,  $1\frac{1}{8}$ in.,  $1\frac{1}{4}$ in.,  $1\frac{1}{2}$ in.,  $1\frac{3}{4}$ in., 2in.

**H626—Bevelled Edge Firmer Chisels**  
Bergs "Fish" brand.  $\frac{1}{2}$ in.,  $\frac{3}{8}$ in.,  $\frac{1}{2}$ in.,  $\frac{5}{8}$ in.,  $\frac{3}{4}$ in.,  $\frac{7}{8}$ in.,  $1\frac{1}{8}$ in.,  $1\frac{1}{4}$ in.,  $1\frac{1}{2}$ in.,  $1\frac{3}{4}$ in.,  $1\frac{1}{2}$ in., 2in.

**H627—Firmer Gouges (NOT ILLUSTRATED).**  
Bergs "Fish" brand.  $\frac{1}{2}$ in.,  $\frac{3}{8}$ in.,  $\frac{1}{2}$ in.,  $\frac{5}{8}$ in.,  $\frac{3}{4}$ in., 1in.

**H628—Bevelled Edge Firmer Chisels**  
"Titan" brand.  $\frac{1}{2}$ in.,  $\frac{3}{8}$ in.,  $\frac{1}{2}$ in.,  $\frac{5}{8}$ in.,  $\frac{3}{4}$ in.,  $\frac{7}{8}$ in., 1in.,  $1\frac{1}{4}$ in.,  $1\frac{1}{2}$ in., 2in.

**H629—Firmer Chisels (PLAIN EDGE).**  
"Titan" brand.  $\frac{1}{2}$ in.,  $\frac{3}{8}$ in.,  $\frac{1}{2}$ in.,  $\frac{5}{8}$ in.,  $\frac{3}{4}$ in.,  $\frac{7}{8}$ in., 1in.,  $1\frac{1}{4}$ in.,  $1\frac{1}{2}$ in., 2in.

**H630—Registered Chisels**  
"Titan" brand. Plain or bevelled edge.  $\frac{1}{2}$ in.,  $\frac{3}{8}$ in.,  $\frac{1}{2}$ in.,  $\frac{5}{8}$ in.,  $\frac{3}{4}$ in.,  $\frac{7}{8}$ in., 1in.,  $1\frac{1}{4}$ in.,  $1\frac{1}{2}$ in., 2in.

**H631—Heavy Socket Chisels**  
"Titan" brand.  $\frac{1}{2}$ in.,  $\frac{3}{8}$ in.,  $\frac{1}{2}$ in.,  $\frac{5}{8}$ in.,  $\frac{3}{4}$ in., 1in.,  $1\frac{1}{4}$ in.,  $1\frac{1}{2}$ in. These sizes also available in light Socket Chisels.

**H632—Firmer Gouges**  
"Titan" brand.  $\frac{1}{2}$ in.,  $\frac{3}{8}$ in.,  $\frac{1}{2}$ in.,  $\frac{5}{8}$ in.,  $\frac{3}{4}$ in.,  $\frac{7}{8}$ in., 1in.

**H633—Wood Turning Tools "MAWHOOD."**  
Parting tools (handled).  $\frac{1}{2}$ in.,  $\frac{3}{8}$ in., 1in.

**129**

**The Bevel Edged Firmer Chisels are Bergs 'Fish' Brand**

**Firmer Gouges by Berg and Titan**

**The Plain Edge Firmer Chisels are Bergs 'Fish' Brand and Titan**

**Registered and Socket Chisels by Titan**

## Tape Rule Blades

### Mystery Marking

Peter Evans

Researching pocket tape rules I came across a marking on the tape blades of some tapes from certain US makers. The mark is found on white and yellow blades, with tape cases a mix of 1950s and 1960s styles. The mark is clearly around in the 1960's, and probably kicked off in the late 1950s. The mark is still in use.

Makers using a variation of the mark are:

*\*Lufkin White Clad*  
P.R. APP'D 252 Tc

Mark not seen on etched or nicked blades, only Chrome Clad®, white, and the much later yellow

*\*LufkinPR*

*\*Ludell*  
P.R. APP'D 255 T.C.

The Ludell tape was made by Atlantic Atlantic Ind Corp  
S105WP.R. APP'D 255 T.C.

*\*AtlanticPR*

*\*Disston-Carlson*  
P.R. App'd No. 258 TC

The mark is seen on both nicked and white blades; H K Porter carried on with the Carlson nicked blades into the 1960s, although not advertised.

*\*DisstonPR*

*\*Evans Rule Co* PR.  
APP'D 262 TC

*\*No maker marked* PR.  
APP'D 262 TC

*\*Malco* PR.  
APP'D 262 TC

*\*Starrett Digitape*  
PR. APP'D 262 TC

*\*EvansPR*

Starrett acquired Evans Rule Co in 1986, before the Digitape was made, but sourced tape rules from Evans before 1986, and does not appear to have made any tape rules before the acquisition, of course made measuring tapes from end of 19th century

*\*Disston Inc 100' tape* PR.  
APP'D 262 TC

*\*Millers Falls 1508* PR  
APP'D 262 TC

The Disston Inc tape is from a later period than Disston-Carlson and was clearly made by Evans. The Millers Falls is a 1950's style, and suggests Evans received their P.R. code in the late 1950's.

*\*Durall Ezy-Read*  
P.R. APP'D No. 316 T.C.

*\*Durall PR*

*\*Stanley Lifeguard*  
PR. APP'D No. 339 T.C.

*\*Stanley PR*

Assuming the numbers were issued sequentially, Stanley was the latecomer; Lufkin looks like the first.

The timing markers – Disston-Carlson first launched 'P.R.' marked product sometime between 1956 and April 1961. This suggests Lufkin and Atlantic, Evans and Disston-Carlson applied in the late 1950s – the numbers are close together and presumably issued over a short period. The Atlantic rule with the mark is a 1950s style. A Lufkin advertising tape precisely dated to 1963 had the 'P.R.' mark. The 'P.R.' marked Lufkin pee-wee W-616/618 is in the Catalogue #104 Supplement c.1963, but not the #104 Catalogue circa.1955.

## The PR and TC markings

The Stanley 'PR.' mark is not observed on pre-Lifeguard blades, and first appeared in the 1960s (as confirmed by Stanley). The PR. APP'D No. 339 T.C. mark observed on a Powerlock® 61-112 rule introduced in 1966; the MY12 ran from 1964 – 1968; but mark also seen on a #106 ZIG ZAG rule which went out of production in 1964

If you examine a new Stanley tape rule today in Australia, you will still see the 'PR' mark; after all, if the tape rule is "Made in Thailand", Stanley need to satisfy all market segments.

\*StanleyMY12\_2

\*Stanley106Zig-zag-1

## What do PR and TC mean?

I asked on the Old Tools Internet Forum what the coding meant. No one knew. There were guesses on what P.R. meant. Strangely, whilst most members had seen the mark, no one had so far thought about the meaning. Even the author of a book on tape measures did not know what the mark meant.

Initial guesses on P.R. related to patents, especially Patent Renewal; but you cannot renew a US patent, except in exceptional circumstances. Another suggestion was "Pocket retractor" – sounds pertinent, if potentially painful.

APP'D could really only be "applied" or "approved"....

Now for T.C., suggestions included – "temperature controlled", "temperature compliance", "Trademark Confirmed", i.e. no idea. I still have no idea – could be Spanish.

In the end I emailed Lufkin, Stanley and Starrett; the first two replied quickly in the same terms, the third did not reply.

## Manufacturer's replies

The answer from Stanley:

*P. R. APP'D No. 339 TC printed on our blades is our certification approval (Issued by the Govt. of Puerto Rico) number issued to Stanley Tools allowing us to sell Tape Rules in Puerto Rico. Issued in the late 1960's. Same type of certification as the NOM for Mexico.*

I have not seen a 'NOM' mark on a tool, perhaps only applied to those made in Mexico for local consumption.

## Similarly marked milk bottle

A similar mark appears on a vintage milk bottle sold on eBay.

*1952, tall, round quart milk bottle, orange pyro-glaze MAYAGUEZ DAIRY GRADO A LECHE PASTERIZADA on front; MAYAGUEZ ...DELE MAS LECHE A SUS NINOS on back...*

*also embossed P.R. APP'D No. 189 RC on the shoulder...*

*this dairy was located in Mayaguez Puerto ... interesting to note that the bottle is Owens Illinois DURAGLAS - made in the U.S. and shipped to a country still using round milks when most U.S. dairies had switched to squares.*

Unfortunately there was no illustration of the mark on the milk bottle

## My tape rules

I have a Lufkin No. 066 Red-End spring joint rule marked P.R. APP'D. 212 Tb. The rule is also marked with Patent 2,713,206 from July 19, 1955. There are a number of iterations of Red-End rule markings:

- (a) no patent number and no 'PR'
- (b) patent number and no 'PR', after 1955
- (c) 'PR' and no patent number
- (c) both patent number and 'PR'

## Observations on PR mark

I have not seen this rule with the 'PR' mark without the patent number on a No. 066. I have seen No. 990 and 996 Red-End rules with the 'P.R.' mark and without the patent number, however the patent may not have been used for this model (this rule does not appear in Catalogue #104 nor the circa.1963 Supplement). Lufkin Catalogue 104 (my copy, there must have been a number of versions from c.1955 onwards) has a product launched in 1958, but the spring joint rules as illustrated have no 'PR' mark. Of course the illustrations may be old art work. This suggests that Lufkin used the mark on products from probably circa.1960; may have secured the approval earlier of course. I have only seen the 'P.R.' mark on the Red End rule.

## Dating the use of the number

These are the known dates, or date ranges, of the first use of the "P.R. APP'D. number T.C.", the application for approval could have been some time earlier:

\**nnn TC*

1952 or earlier

\*189 (milk bottles)

1955 or later

\*212 (but probably applied for earlier)

\*258

1956 - 1961

252

Before 1963

339

Before 1964

## Regulations of Puerto Rico

The PR APPD regulations are found under the Puerto Rico Weights and Measures Regulations (on the Web in Spanish) and relate mostly to consumer protection.

## Conclusion on the meaning of P.R.

P.R.	Puerto Rico
APP'D	Approved
258	Number allocated to a company for a product More than one product?
T.C.	Type of product In this case tapes; T.B. is rules, T.C. is tapes

I still have not found out the basis of the coding T.C.

But, there are Stanley ZIG ZAG rules using the same 'PR. APP'D NO. 339 T.C.' code as the Stanley tape rules, perhaps they just "winged it".

So next time someone asked you what this mark on the tape blade means you can confidently answer "Puerto Rico". What a trivia question!

Refer to the article *Researching Vintage Tape Rules, News #110* for terminology and background.

**If anyone has a tape rule with a 'PR' number not listed above, contact me.**





The new "Evans White-Tape" has everything you'll find in tapes costing over \$1.50—plus.

- snow-white blade with bold, legible, jet-black numerals and graduations. Graduated in 32nds for first 6 inches.
- sturdy die-cast case heavily chrome-plated, calibrated for quick reading inside and outside measurements.
- blade  $\frac{1}{2}$ " wide made of finest high carbon steel—tempered—Bonderized—enamelled—baked.
- blade replaceable in seconds—without tools—without even opening case. And Evans replacement blades cost far less.
- every "Evans White-Tape" is unconditionally guaranteed.
- exclusive Evans automatic brake gives smoother push-pull action with absolutely no "creeping" of tape into case.
- underside is white, too. Mark with ordinary pencil, remove mark with flick of thumb.
- unheard-of low price\*: 10-ft. \$1.49; 8-ft. \$1.19; 6-ft. 98¢. Prices higher in far west and Canada.

**Evans**

& CO. • Newark 5, N. J.

*Sold only through retailers.*

© 1951

*Makers of Evans 6-ft. Folding Rule and "Folding Yardstick"*

## New Veritas Dovetail Saws

Jim Davey

\$119 six months ago  
recently dropped to **\$89**

### 3 saws are available:

Dovetail Rip 14 tpi

Dovetail Rip 20 tpi

Crosscut 16 tpi

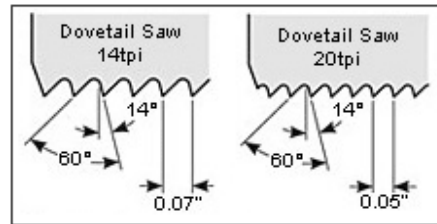
We have a special deal from CarbaTec

### ***Dovetail 14 and Crosscut 16 for \$139***

I am extending the deal to include  
*Dovetail 20 and Crosscut 16*  
*at the same price.*

### ***While Stocks Last***

The Aussie dollar has plummeted in the last week so the prices are bound to rise.  
*We will probably never see these saws this cheap again.*

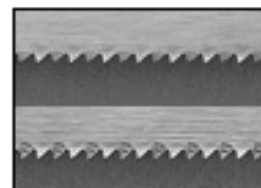


Product #	Description
<b>05T05.01</b>	Veritas® Dovetail Saw, 14 tpi
<b>05T05.05</b>	Veritas® Fine-Tooth Dovetail Saw, 20 tpi

Jim Davey will have these saws for sale  
at the TTTG Tool Sharpening Workshop

June 20 at Asquith Boys High School

*Sharpening equipment and fettled planes  
will also be on sale.*





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Sunday AUGUST 15<sup>th</sup> 2010

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Doors open 9 to 1

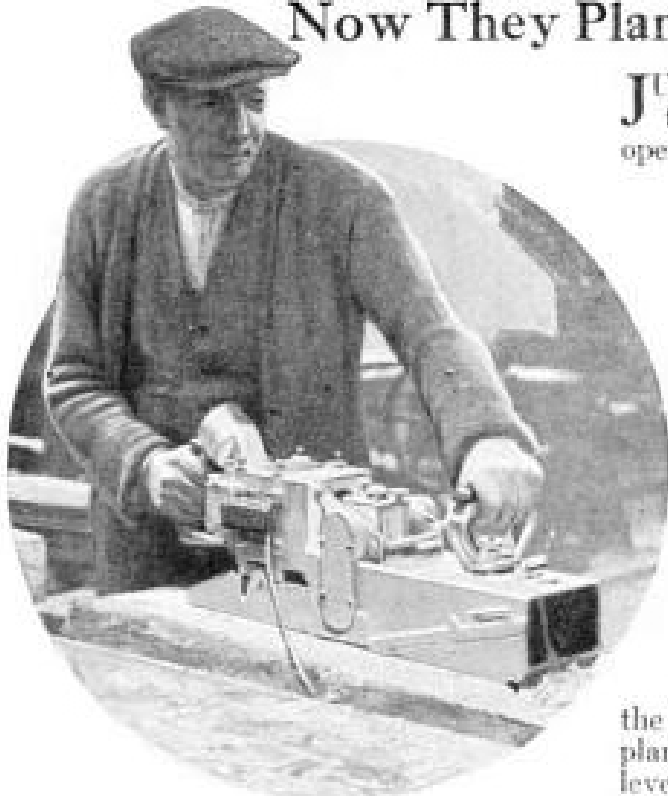


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## The First Electric Plane

### Now They Plane Wood Electrically



Motor-driven, this plane is said to produce perfect regularity and accuracy

**J**UST as the handsaw and other shop tools have been adapted for motor operation, so now inventive genius has electrified the wood plane, too. England has just introduced such a motor-driven hand plane, in which the ordinary fixed steel plane is replaced by a rotary steel cutter. This cutter is driven, through the medium of suitable pinions, by a motor built to operate on either direct or alternating current.

The cutter, nearly five inches wide, is designed to rough plane even the hardest woods. On beech or oak, it easily produces a cut one eighth inch deep with a rapid forward movement. To ensure straight guidance, the rear part of the machine, which rests on the already planed wood, is kept always on an exact level with the rotary cutter, while the elevation of the forward part can be adjusted to limit the depth of cut.

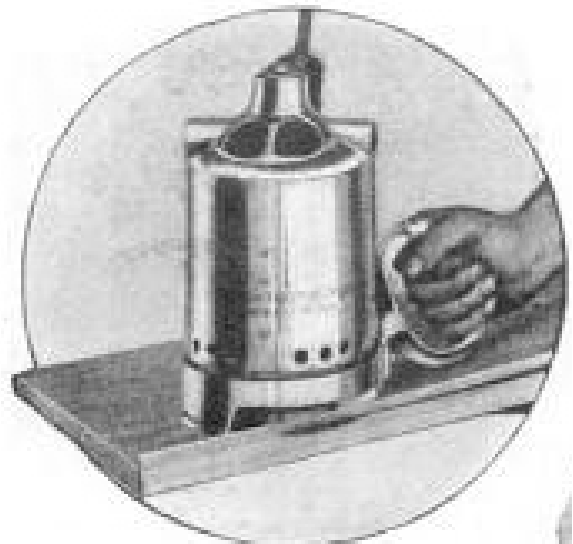
*Popular Science September 1926*

## The First Trimmer

*Popular Science April 1921*

The hand held electric router developed in several directions. The three types of router still in production are the *fixed router*, the *plunge router* and the *trimmer*.

Adjusting the cutter depth was achieved by a number of means. Stanley routers seem to have first incorporated the 'screw up and down' casing. The 'slide up and down' casing was a popular alternative. Now it is used only for trimmers. Ratchet adjustments for the 'slide up and down' cases on older routers were often mechanically very good. Modern trimmers are lighter and smaller!



**The draw-shave and the rasp are out of date now. This electrically driven edge trimming machine works faster and better. It consumes little power and requires absolutely no skill to operate**

## **Tools Wanted**

The editor is organising the loan of suitable old tools from TTTG members to the Historic Houses Trust for a future exhibition at the Hyde Park Barracks.

*Such an exhibition of old tools for display has specific criteria.*

### **What Tools are needed?**

We are looking for tools available to the convict workers in the Macquarie period. This is a wide field as virtually every tool made in England was in the government workshops.

*The emphasis is on representative tools rather than rare tools.*

Tools marked with the Broad Arrow are particularly sought.

In general tools from any of the Macquarie Period building trades will be considered for the exhibition.

### **What we do not want**

*We are not looking for tools that have been polished up or restored and improved to 'as new' condition. Ideally the tools will be in 'as found' condition. Tools that show imprints from the hands of users are a bonus.*

### **The scope of tools wanted**

I will consider any tool but this trade list should give a rough guideline.

Timber Getters and Pit Sawyers

Wheelwrights and Coachbuilders

Carpenters and Joiners

Bricklayers and Plasterers

Blacksmiths and Cutlers

## **Who do I contact?**

*You can contact the editor via the TTTG email or postal address.*

I will be approaching the 'usual suspects' among the collectors.

If in doubt talk to me!

## **What else is needed?**

Part of the exhibition will illustrate trade skills either by means of images or demonstrations of trade practice. Members willing to demonstrate the use of joiner's tools and blacksmith's tools have already been approached.

*Other skilled members are encouraged to step forward!*

Replicas of old tools may have to be made up for the exhibition.

I'm looking for a few early nineteenth century tools that are usually *flogged to death* for copying by a blacksmith.

I have a suitable carpenter's hammer that will challenge our smiths but I'm also looking for an early splitting wedge, a bricklayer's hammer and a joiner's marking knife. Do you any ideas?

## **What is already available?**

Among TTTG member there is the most comprehensive collection of old tools in Australia.

TTTG is unique in not being merely a group of collectors. Not a few TTTG members use tools. Some members use traditional tools and preserve traditional trade skills.

## **First selection of tools made, we are still looking!**

*Given the opportunity TTTG will continue to encourage the use and preservation of old tools.*

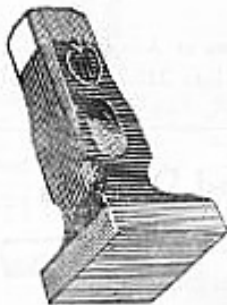
# Blacksmith's Tools

## Goodall & Co. Pty. Ltd.

### BLACKSMITH'S TOOLS

All the tools listed below are of highest quality forged steel, correctly hardened and tempered.

**H1216—  
Flatters**



Eyed as above or  
with rod handle.  
Square: 2in., 2½in.,  
3in.

**H1217—  
Top Swage**



Eyed or rod  
handled.  
½in. to 1½in.

**H1218—  
Top Fuller**



Eyed or rod  
handled.  
½in. to 1in.

**H1219—  
Punches**



Eyed or rod  
handled.  
½in. to 1in.

**H1220—  
Hardie**



Anvil shank.  
Sizes: 1½in. and  
2in.

**H1221—  
Bottom Swage**



Anvil shank.  
½in. to 1½in.

**H1222—  
Bottom Fuller**



Anvil shank.  
½in. to 1in.

**H1223—  
Heel Cutter**



Anvil shank.

**H1224—  
Cold Set**

Eyed or rod handled.

**H1225—  
Hot Set**

Eyed or rod handled.



FOR WOODEN TOOL HANDLES SEE LATER PAGES.

## Review

### Popular Woodworking Magazine

*Maybe I've reached the age when the reflex reaction to anything new is the cynical comment 'there is nothing new'.*

Certainly with woodworking magazines I regularly experience 'there is nothing in this issue worth reading or buying. There is one magazine that is an exception to the almost universal blandness. This exception is the U.S. of A. publication Popular Woodworking Magazine.

The editor of Popular Woodworking is on a one-man crusade to rediscover traditional tools and woodworking techniques. Hand tools and appropriate low tech methods are Christopher Schwarz's passion.

Popular Woodworking is supplemented by a sister magazine and a web site. [www. popular woodworking.com](http://www.popularwoodworking.com)

*The current issue, Popular Woodworking April 2010, has a number of articles that will interest most TTTG members.*

Whenever I demonstrate wooden planes I'm asked '*does anyone still sell these*'. The answer is always '*there are a vast number of second hand wooden planes out there*'. This is sometimes followed by a second question, '*does anyone still make and sell wooden planes*'. My answer is always '*yes, but they are very expensive*'.

If the questioner seems interested I will explain why such planes are expensive and point out that they are ready to use and that, if you can afford them, buying new wooden planes may be sensible.

Popular Woodworking April 2010 has an article on the U.S. makers of wooden planes, *Clarke & Williams, Plane Makers*. If you are interested in making wooden planes I recommend reading the article. Both text and images are excellent.

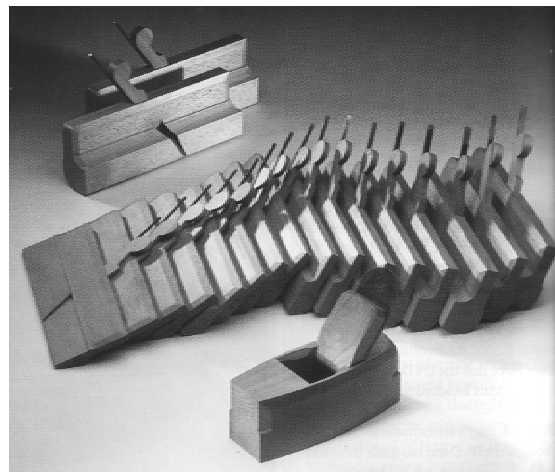
There is a brief guide to selecting auger bits. This packs a lot of punch into a quarter page and is well worth reading.

*Tool Test*, a regular Popular Woodworking feature article, is always worth reading. The April 2010 *Tool Test* discusses a new dovetail saw made by Rob Cosman. This is a saw made to very high standards but incorporating modern technology.

The Rob Cosman Dovetail Saw looks very traditional but also different. The handle is made from a composite material and has a very cleverly improved shape. The handle shape, with flush screws, and the heavy brass back make the saw appear, at first look, very traditional however a closer examination reveals the modified shape of the handle and the filing of the teeth in a non conventional pattern.

*Anyone interested in traditional furniture making methods will also find a wealth of information in Popular Woodworking.*

Click on [www. popular woodworking.com](http://www.popularwoodworking.com) and then go and buy a copy!



Some *Clarke & Williams* planes  
*Clarke & Williams* planes are made to the same standards as the best old planes.

## ***TTTG Advertisements***

**Adverts are free for members  
So why not use them?**

### ***WANTED***

#### **I need a set of Whitworth spanners**

Whitworth spanners,

Prefer in sets,

Open ended, Ring and Socket

**from 1/8 to 5/8"W**

Must be clean and useable.

*Sidcrome in mint condition would be nice, but they have to be affordable.*

#### **Contact**

Bob Peak  
phone 02 6973 1377  
email [bobpeak@skymesh.com.au](mailto:bobpeak@skymesh.com.au)

**Or**

See me at the next TTTG meeting

### **VOLUNTEERS WANTED**

**FOR THE**

**2011 SYDNEY WWW SHOW**

**Contact Clynt**

### ***WANTED***

#### **Australian Woodworker**

Any 1985

1988: Jan/Feb, Mar/Apl, May/Jun

1989: Jan/Feb

1990: Jan/Feb, May/Jun, July/Aug

**Contact**

Clynt Sheehy

### ***TOOLS WANTED***

TTTG seeks donations of old tools and anything to do with traditional trades. TTTG will sell old tools and anything to do with traditional trades on a fee for sale basis.

*The commission fee is 20%*

TTTG will not value old tools!

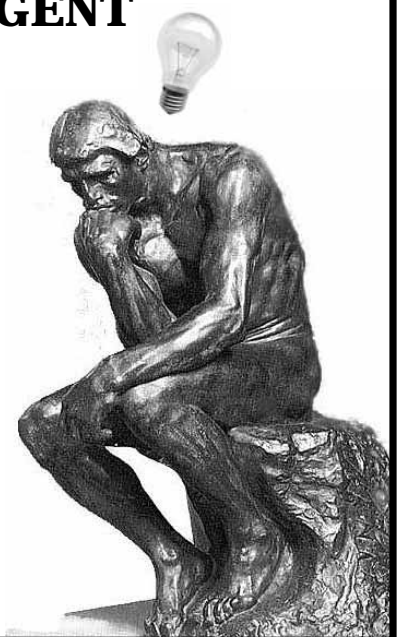
## **URGENT, URGENT, URGENT**

### **Put your thinking caps on**

Ray Gurney has to move pretty soon and is looking for new workshop space in the Sydney area.

He needs 1000 to 1500 sq feet of light industrial space.

If you know of anything suitable, please ring Ray on 9569 1241 or 0408 101166



**2010 TTTG Tool Sale Snaps** (see also page 8)

