



Crosscut

Newsletter of the Witwatersrand Woodworkers' Association
PO Box 411346, Craighall, 2024

< From Piet Peppermill's web site (<http://www.peppermills.co.za/Gallery4.html>)

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Editor: Trevor Pope (tpepe AT iafrica.com). All written content and opinions are those of the editor, unless stated. © Copyright reserved.
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Next General Club Meeting on Wednesday, the 11th April 2012 from 18h00 at the WWA clubhouse at REEA. Making Shaker furniture by Lynton Lake & Jeff Holiday.

Next Turner's monthly meeting is on Monday, the 2nd April 2012 at 18h00 at the WWA clubhouse at REEA. Turning Plywood by Eddio Marchio.

News

Turner's Meeting

Piet "Peppermill" Smit and Charlie demonstrated how to turn a body for the Crushgrind mechanisms that Piet sells. (See <http://www.ideas-denmark.com/technologies/crushgrind/>) The Crushgrind mechanisms use ceramic wear parts for the actual grind, so are guaranteed for 25 years of heavy use. While Piet gave the talk, Charlie demonstrated and after an hour had made a complete peppermill from Apiesdoring (Monkeythorn), that he then gave away. Lynton Dennill was the lucky recipient. Piet showed the special tools he uses and sells to simplify the turning of the body and fitting of the mechanism. He also gave various tips on finishing the body. The production process that Piet and Charlie use was documented in a hand-out. Not all the information required is in the handout, so to save you measuring a mechanism, a diagram can be found at the end of this newsletter.

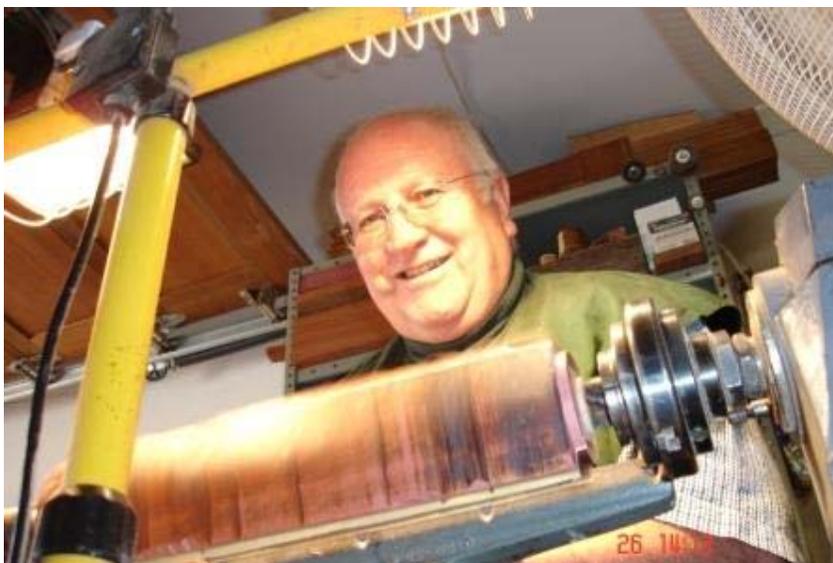
The mechanisms are available to order from Piet.

Wood of the Month. Chris van Heeswijk presented Mimusops Caffra – Coastal Red Milkwood as the wood of the month. This tree is found along the coast from the Eastern Cape around up the KZN coastline. It is a protected tree, so it can only be harvested under a permit. Some blanks were made available from the coastal dune mining operation at Richards Bay.

Main Club Meeting

Piet Smit gave an entertaining presentation on how to turn your hobby into a viable business. He gave pointers on how to establish if you have a viable business proposition, and the pitfalls. He used his pepper-mill manufacturing and sales business as an example. Visit Piet's web site for more information at www.peppermills.co.za or contact him at piethome AT absamail.co.za or on 082-456-8372

The picture is from Piet's web site and shows him at his lathe.



Club Notices:

Hobby-X took place at the Dome, Northgate, from the 1st to 4th March 2012. The WWA together with the Pretoria club manned the stand. Thanks to Hardware Centre for the loan of the two Nova lathes. The third lathe was the

club's Jet Mini. Feedback from the show was that we needed more volunteers, particularly on the Saturday and Sunday. Also we needed more turned work on display. Next year we need to start planning the stand from October this year, as the quiet period over

December catches us out, and we are left with too little time after the first meeting in February. Thanks to all the members who assisted and stepped in at the last minute to fill the gaps. Thanks to Leanne who organised the schedule.

The picture shows Ken Mutch (WWA secretary) and John Speedy at the WWA stand on the Thursday. John is busy on the Nova DVR, turning a goblet – the bright light is so he can judge the wall thickness.



Club house. We were given notice with a letter dated the 12th December 2011 by REEA that our lease for the clubhouse will terminate at the end of March 2012. However, the lease actually gives us until the end of May 2012.

We are on the look-out for new premises. As you may know, we are unusual amongst the woodworking clubs in having our own workshop, so we can't just meet anywhere. We need a place where we can keep our machines and benches. Ideally, a venue that has a store-room where we can store our equipment would be ideal. Then we

can move it out into the meeting area for demonstrations and workshops. The meeting area should accommodate at least 40 people for a demonstration or talk. Our present schedule is 2 formal meetings and 4 informal workshops per month – a total of about 20 hours per month. We cannot afford a commercial rental without a large increase in our subscriptions. Also, the area would be idle most of the time, so some sort of sharing arrangement for the meeting area would be preferred. We would like to continue with the present way the club operates, but if need be, we can make changes.

TOYS FOR CHARITY

Newco Power Tools recently made a generous donation to the Witwatersrand Woodworkers Associations annual "TOYS FOR CHARITY" Fund Raiser held at Greenside High School.

"The main purpose of the fundraiser was "TOYS FOR CHARITY" and we are pleased to advise that we were able to collect our target of 500 toys which was more than double last years number and these have been donated to the Westview Clinic and will be given to children in their care", says the association.

The 2012 target will be 750 toys with a stretch objective of 1000! Daphne van Staden who runs the Westview Clinic attended the Fund Raiser and was overwhelmed with the number of toys the association made and donated by the members of the club.

The Westview Clinic have 240 staff, run 62 Crèches and care for approximately 5,000 children without any assistance from government and they were very

appreciative of the support they received from the club. The Woodworkers Association concludes, "we are very grateful for the support we received from the Suppliers to the Woodworking Industry."

The club currently meet at REEA in Craighall Park and have been given notice to vacate their premises so if there is anyone out there who knows of suitable premises please contact Alistair Brande on 079 895 8709.

Toymakers Group

HARDWARE RETAILER

The committee is exploring all alternatives, so any suggestions and participation from members are welcome. If you have any suggestions on how the club should operate or on premises, please contact a member of the committee. You may be expected to do a bit of following up of any opportunities to the point where they become real before the committee will become involved.

To assist with positioning the club as a beneficial organisation, Alistair has compiled a presentation, documenting the WWA's history since establishment. With assistance from various members, including Costa's complete collection of newsletters, he now has a list of all the chairmen and chairlady, and the years that they served.

For Sale:

TORMEK SuperGrind 2000 Includes the Following: SG-250 Spare Wheel 230 x 50mm; LA-120 Leather Profile Wheel; WM-200 Angle Master; XB-100 Horizontal Base; MSK-250 Stainless Steel Shaft with Bushes & Stainless Steel Washers; SP650 Stone Grader; PA-70 Honing Paste x 2; MH-380 Machine Cover; HB-10 Hand Book; Includes the following Jigs: SVM-45 Knife Jig; SVX-150 Scissors Jig; SVH-60 Straight Edge Jig; SVA-170 Axe Jig; SVS-30 Gouge Jig – Small; SVS-40 Gouge Jig – Large; SVD-110 Tool Rest with Torlock; SVD-180 Universal Gouge Jig for Fingernail Gouges; SVS-50 Multi Jig; ADV-50D Stone Truing Tool with ADV-50H Diamond Dresser; ADV-50H Spare Diamond Dresser

R5500.00 Contact Alistair Brande on 079 895 8709

Saturday Workshop. Ken Bullivant previously held the Saturday workshop at the clubhouse, but when we moved from Helpmekaar, he decided to move it to his house in Boksburg. Currently 5 of our members attend these meetings and more are welcome. The location is 13 Franklin Avenue, Comet, Boksburg on the first Saturday of the month from 09:00 to 12:00. They decide on an annual project and work throughout the year making it. They also make toys, several of which were displayed at the braai, and individual projects are discussed and problems solved. Contact Ken on 082 809 0020 if you wish to take part.

Please Note:

Toymakers. The toymakers meet on the first and third Mondays of every month, at 09h00 till 12h00 at the clubhouse. Contact Eddie Marchio on 011-678-8062 or [renato AT pixie.co.za](mailto:renato@pixie.co.za) for more information.

Wednesday Workshop. The Wednesday evening workshops are on the first and third Wednesdays of every month, from 18h00 till 20h00. Contact Grant Mackay on 082-391-9769 or [mackay.grant AT gmail.com](mailto:mackay.grant@gmail.com) for more information.

SAM'S CREATIONS HOME SALES DAY

SATURDAY 31 MARCH 9-00am - 2-30pm

**60 DARWIN ST CNR BOWLING AVE WENDYWOOD SANDTON
(entrance Bowling Ave)**

My specialized tooling --- well known woodworking tools
etc etc etc at amazing prices.

Boerewors rolls and cold drinks will be for sale.

**If attending, sms "YES" & state number of people
to assist catering arrangements.**

By latest 25 March 2012

Secure parking facing property boundary walls.
Car guards in attendance.

Looking forward to seeing you.

Lionel Soekoe 072 989-6310

Pepper Grinder instructions

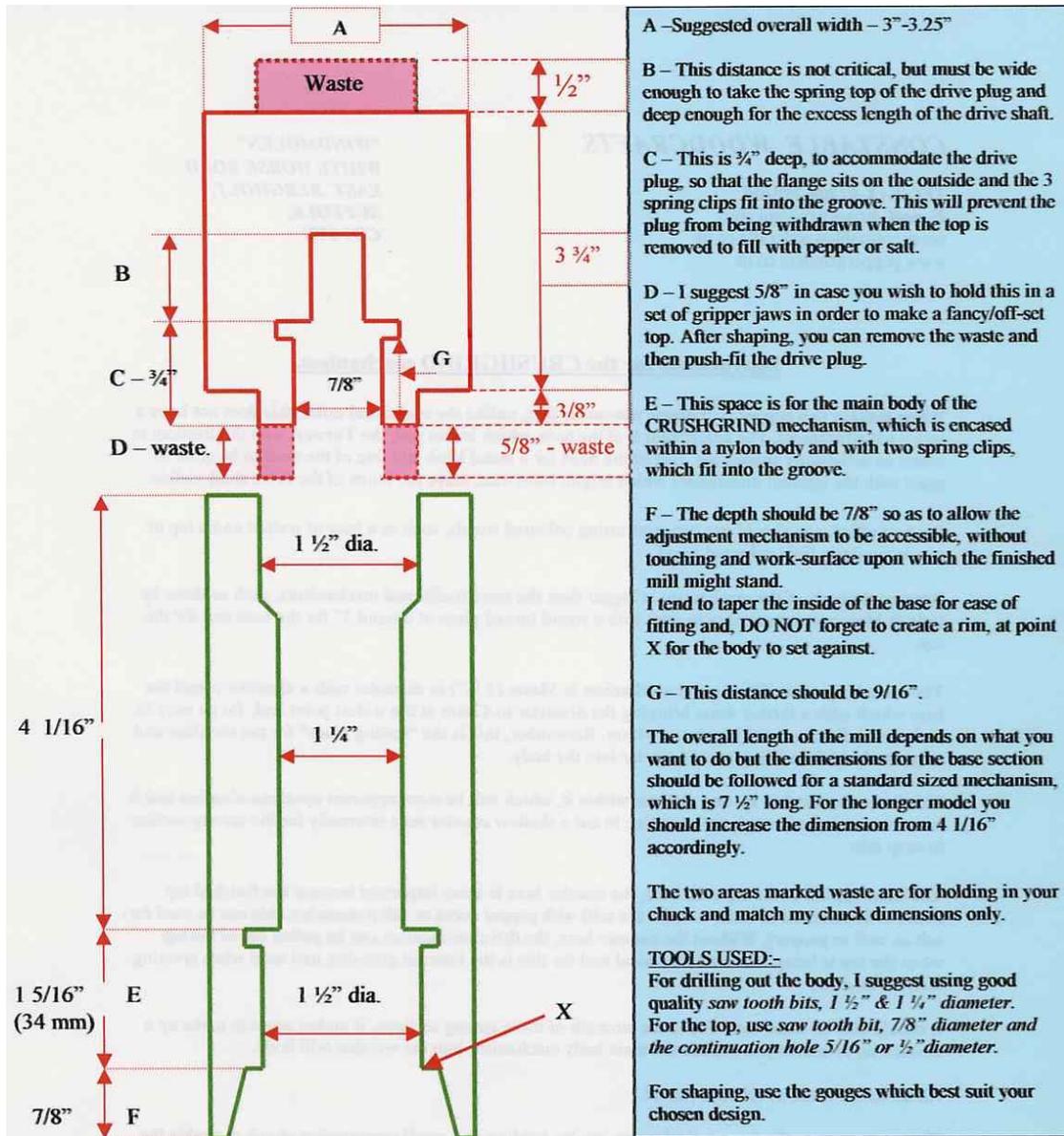
Despite the detailed instructions on the sheet given out by Piet, unless you take your vernier to the mechanism, there will be a few missing measurements that you need to make the body correctly. In this case, Google is our friend, and I unearthed the following information to help you fill in the blanks. See the diagram below for the required information – what is not shown on the diagram is the width of the locating grooves, which is 5mm.

The diagram is from http://s102013272.websitehome.co.uk/fitzweb/crushgrind_instructions_and_diagram_8.1.05..htm

There is also a diagram for shaft-less or stem-less mechanism there, if you require it at:
<http://s102013272.websitehome.co.uk/fitzweb/CrushGrind-WOOD.htm>

Axminster also provide a helpful booklet that can be found here:
http://www.axminster.co.uk/downloads/952586_manual.pdf

You may recall the Piet first started selling the mechanisms, he suggested removing locating tabs from the mechanism, which he now admits was a mistake. Peter Middleton gave a demonstration in June 2011 where he showed how to cut the internal locating grooves for the tabs. Interestingly, Piet is not the only one to make this mistake. If you look at the instructions provided by Penn State Industries (see http://www.pennstateind.com/library/PKCRUSHS_ins.pdf) they also make this mistake.



A - Suggested overall width - 3"-3.25"
 B - This distance is not critical, but must be wide enough to take the spring top of the drive plug and deep enough for the excess length of the drive shaft.

C - This is 3/4" deep, to accommodate the drive plug, so that the flange sits on the outside and the 3 spring clips fit into the groove. This will prevent the plug from being withdrawn when the top is removed to fill with pepper or salt.

D - I suggest 5/8" in case you wish to hold this in a set of gripper jaws in order to make a fancy/off-set top. After shaping, you can remove the waste and then push-fit the drive plug.

E - This space is for the main body of the CRUSHGRIND mechanism, which is encased within a nylon body and with two spring clips, which fit into the groove.

F - The depth should be 7/8" so as to allow the adjustment mechanism to be accessible, without touching and work-surface upon which the finished mill might stand. I tend to taper the inside of the base for ease of fitting and, DO NOT forget to create a rim, at point X for the body to set against.

G - This distance should be 9/16".

The overall length of the mill depends on what you want to do but the dimensions for the base section should be followed for a standard sized mechanism, which is 7 1/2" long. For the longer model you should increase the dimension from 4 1/16" accordingly.

The two areas marked waste are for holding in your chuck and match my chuck dimensions only.

TOOLS USED:-
 For drilling out the body, I suggest using good quality saw tooth bits, 1 1/2" & 1 1/4" diameter. For the top, use saw tooth bit, 7/8" diameter and the continuation hole 5/16" or 1/2" diameter.

For shaping, use the gouges which best suit your chosen design.

This diagram is not to scale and is for guidance only. The mechanism should be studied closely before drilling or cutting the wood and the instructions above will then become clearer. It also helps to make up some wooden templates with which to push the parts into the body & top using the tailstock. This will then avoid the risk of damage to the mechanism.

Conwood - CRUSHGRIND - Instructions & diagram for construction - 10.12.03.