



Shavings

Hill Country Turners
Monthly Newsletter



Volume #18

Issue #6 July 2, 2012

Next Meeting July 11, 2013

MEETING PLACE

Hill Country Turners meet in the basement of the KACC (Kerr Arts & Cultural Center) at 228 Earl Garrett, Kerrville, Texas at 6:00 pm on the 2nd Thursday of the month. The formal meeting starts at 6:30.

June Meeting

Treasurer's Report from Will Aymond

Checking Account Balance \$4,115.72
Petty Cash Balance \$ 229.25

SWAT Report

Ken reported that so far 200 have registered. Additionally, we have been asked to be a room sponsor. We won't have to provide any equipment, just volunteers to assist the instructor. Email Ken if you want to volunteer.

Texas Arts and Crafts Show Memorial Day

Ken recapped the Texas Arts and Crafts Show Memorial Day weekend. The TACS coordinator resigned that Saturday. If we are invited to return next year, a club member other than Ken will need to volunteer to organize the event.

Upcoming Programs

George Taylor announced the **July demonstration will be box making with Anna Rachinsky**. (Don't forget to be thinking about making a box for beads of courage!) An open shop is being scheduled for July to bridge the gap since the August meeting will be moved to the Wednesday before SWAT. John Lucus will demonstrate in August.

Thompson Tools Order

Our club is the pilot for this program. George is coordinating an order, basically the same deal as Craft Supplies (10% off and free shipping) no minimum order, an order will be placed once or twice a year.

Raffle

We will have a Raffle at the July meeting.

Don't forget **bring back items** for the Raffle at the July meeting!

Savings Opportunity

Northwoods (northwoods.com) contacted Ken and is offering an AAW courtesy discount coupon code to all members for 15% off each and every online order. Email Ken if you would like a coupon code.

Demo Notes

Uel Clanton shared his story from when he worked for NASA of how the Apollo suit gloves did not fit his hands. Because his hands are larger than 95% of men, he makes tool handles to fit his hands. Uel's part of the tool handle demonstration focused on wood handles with the tool epoxied to the handle. He did an experiment using a piece of flint epoxied into a handle (the original scraper). Uel showed different size ferrules made from bathroom fixture scraps (you can usually bargain for scraps). You can cut with a chop saw – be careful, the edges are SHARP! Clean the inside then the outside. Many woods can be used for handles, hardwoods are best. (Particularly good are rough “handle blanks” that are oval in cross-section and intended for axes or similar tools. As tool handles they are ‘hand friendly’ and do not easily roll away.) Coloring the handles makes it easy to identify different tools.



Uel described the process he follows:

1. Make the Ferrule ($\frac{1}{2}$ " to $\frac{3}{4}$ ").
2. Plan the shape.
3. Shape handle blank to fit the ferrule.
4. Hammer the ferrule on. You can use a scrap ferrule piece to push the ferrule back from the edge.
5. Shape the handle making a centering dimple at the back end and the ferrule end.
6. Use a drill press to drill a hole for the tool. Start with a $\frac{1}{4}$ " bit and gradually go up in size until the right size for your tool.
7. Remove the dimple from the back end.



To decorate, Uel uses a triple point tool to make grooves. Stainless steel wire can be used to burn grooves. Uel created a handle to hold the wire. Wire with balls on the ends for holding is commonly available. Uel uses leather dye to color the wood. Applying one color, sanding, then applying a second color can yield interesting patterns. Plastic tubing in different sizes can be used to cover the sharp ends of tools.

Joe Johnson listed reasons you might want to make a handle with removable tool adapters:

- Thompson tools are cheaper than others because they do not have handles.
- When you travel, removing the handles makes tools compact.
- You can put the sharp point into the handle.

A handle gives you a mechanical advantage and provides safety, but they can get expensive – especially the bigger they get!

For ~\$65 - \$70, you can get a Oneway handle with adapters (two different sizes on each end). Kelton also has a similar handle with two adapters available. The problem is the adapters are too big for smaller tools (think proportion). You also can get a vanity handle from Thompson (one with your name laser engraved on it).

A drill chuck from old drill can be put on a handle. This works for anything $\frac{3}{8}$ " or less. A keyless chuck works too, but it is a little bigger (think proportion and ergonomics).

Joe's project sheet is available on the website (hillcountryturners.org Select "projects") in color and with references or you can email a request to Joe (johnsoj8a@stx.rr.com) for an electronic copy.

Joe presented his technique for creating metal handles with removable tool adapters. The most expensive part is the metal ferrule adapter. One source is Craft Supply, where you can purchase an adapter for ~\$20 less the 15% discount. Typically there are three sizes, 3/8", 1/2", 5/8".

In addition to the adapter, you will need aluminum tubing to fit the adapter (the adapter should slide in), grip material to slip over the handle (such as braided nylon hose), and an end cap.

Joe made two adapters for use on the lathe, one to fit in the chuck, one to fit over the live center. Using these adapters to hold the tool adapter, file the adapter down to fit into the tube (it is only a little that needs to be shaved off). Epoxy the adapter into the tube. Coat the tube and inside of the hose with mineral oil and in one continuous motion, push the hose on the tube. Press the end cap into the end of the tube. A metric hex key is used to tighten the adapter to hold in your tool.

Handle length should feel good to the hand and be balanced.

Tool Size	Typical Handle Length
3/8"	11" to 12"
1/2"	13" to 14"
5/8"	15" to 16"

For extra weight in the handle, use end caps and copper tubing to create a cartridge. Fill the cartridge with lead shot for weight. Use o-rings on the cartridge and slide into the handle tube. The o-rings keep the cartridge in place in the handle. A frugal handle can be made for ~\$25.

Tom Canfield asserted that threaded inserts for wood handles are also available. James Hampton added that Oneway sells adapters that go on the outside to make wood handles removable.

(Knowing that Joe's presentation is backed up on the website with a detailed and illustrated project description, I got so engrossed in the demo that I didn't take a nice picture of Joe. I did look back at a demo he did in '09. Remember how quick Joe's slick, expert mating of the hose and tube was in this year's demo? Now compare it with the struggles he had then, (even with Jay Shimek's help). (Ed.)



Show and Tell

Tom Canfield showed a bowl from a Club Challenge blank. He used as much of the wood as possible by using a waste block.



Refreshments 2013

Month	Meeting Date	Drinks	Sweets
July	11th	Keith Longnecker	Joe Johnson
August	8th	Uel Clanton	Kirk Bates
September	12th	Dale Lemons	Jim Weir & Kathy Hampton
October	10th	Jim Whisnand	Bill Hussey
November	14th	Larry Walton	Don Kaiser
December	12th	Christmas Party	Christmas Party
January '14	9th	?	George Taylor

HCT Mentoring Program

It has always been a practice to encourage new members to visit in the shops of other members to help them get oriented to turning. Now we are offering for new turners a special list of members eager to help along with their area of interest. Even some less-than-new members who would like to talk to someone in a special area might take advantage of the help with special interests

The following members have volunteered to serve as Club Mentors. If you have a woodturning or tool/equipment question, call one of these individuals. They would be happy to help.

<u>Name</u>	<u>Phone</u>	<u>Specialty</u>	<u>Name</u>	<u>Phone</u>	<u>Specialty</u>
Roger Arnold	830-866-3670	Shop Practices	Uel Clanton	830-896-5288	General/Spindles
L. A. Cude	901-355-7046	Lacquer Finish	Chuck Felton	830-792-5249	General
James Johnson	830-895-4170	All	Joe Johnson	830-896-5924	General
John Jones	830-536-4503	General	K. Longnecker	830-257-6033	Split Turning/Pens
Ken Morton	210-833-7148	Natural Edge	Raul Pena	830-6342545	General

“THE BIG CHIPS” of HCT

Hill country turners is a chapter of the American Association of Woodturners dedicated to providing education, information and a place to meet and discuss woodworking and woodturning.

President	Ken Morton	(210) 833-7148	
Vice President	George Taylor	(830) 751-2109	
Treasurer	Will Aymond	(830) 285-2702	
Secretary	Kathy Hampton	(830) 634-3002	
Past President	Joe Johnson	(830) 896-5924	
Special Events	Bill Hussey	(830) 896-8093	
Newsletter/Webmaster	Jerre Williams	(830) 895-3206	
KACC Liaison	Uel Clanton	(830) 896-5288	
SWAT Representative	Jim Whisnand	(830) 755-8603	
Audio-Video Director	Tom Whiting	(443) 243-6933	
Website	http://www.hillcountryturners.org		