

Last Meeting

Photos from the Christmas party



<http://www.corridorturners.org/>

Next Meeting

The July meeting of the Corridor Woodturners will be held at 6:30 PM on January 8th at the shop of Tom and Stacy Nehl, 1800 Rolling Glenn Dr. Marion IA. Tom is going demonstrate making a three legged bowl. Bring a char if you wish to have a place to sit. The project of the month will be something you got or bought for yourself (relative to turning) as a Christmas present. We will have a show and tell session so if you made something over the break, bring it along and us about it.

Dues

Now that the new year is here it is time to renew your dues for 2015. Please use the renewal form, available on our web site, www.corridorturners.org. This makes keeping track of who has and who hasn't paid much easier and prevents problems in the future. The dues remain the same as in past years, \$25 for individual and \$30 for a family. If your dues are paid by the February meeting, you will be entered into a drawing for a refund of your dues. Dues can be paid to David Kesler at the meeting or sent to his address, 395 Red Fox Rd, S.E. Cedar Rapids, IA



In Memory

Dick Lindenmayer passed away Dec. 22. Dick was a charter member of the club although ill health prevented his attendance at meetings for the past several years. A donation to the Richard Lindemayer Memorial Fund has been made along with a note from the Association, to his daughter.



Some of the show and tell items



A table full of door prizes

President's Message for January 2015



Bruce Kruse

The CWT/CWC Christmas Party was a great close to 2015!! I had a great time and I hope everyone in attendance enjoyed the event. Certainly, no one should have left hungry. We had a number of companies, vendors and individuals who donated gifts.

I would bet the majority of us are pleased to have experienced a mild winter thus far. As we venture into 2015, we know spring is just around the corner and we can see our holiday gifts and purchases coming to good use!! As we plan the Corridor Woodturners Programs, Meetings and Activities, I urge you to help throughout the year as much as you can.

The CWT membership grew in 2014 and with your continued support and we plan to make 2015 an ongoing success.

Our last Promotion of 2014 was the McGowan House Artisan Christmas Ornament Sale. Thanks go out to each of you who made time to turn your ornament creations for the valuable event. Not only do we promote the Corridor Woodturners, we are able to bring money to our treasury to fund our activities and meetings. David Kesler will be providing the final tally/details of the event as soon as available.

Each CWT member brings their own unique "spin" on a subject or topic. I have stressed many times, there is no one "right" way to do something but there may be a more proper or safer way to accomplish a task. Observing a technique or discussion with a fellow woodturner may provide the spark to try something new and different or attempt a varied method.

Our 2015 CWT Annual membership dues remain unchanged. If you have not yet renewed your membership for 2015, please do so. You can renew anytime, please submit your renewal/membership form and money to David Kesler, CWT Club Treasurer.

As we have done in past years, CWT members who have paid membership dues by Feb 1, 2015 will be entered into a drawing held during our February Monthly Meeting, February 12, 2015. The person drawn from this event will have their CWT Annual Dues refunded for calendar year 2015!

If you have any item(s) to donate for the monthly meeting raffles, please do bring them. The CWT Monthly Meeting Raffle proceeds go to the Club Treasury as well, so that unwanted item may be just what another member is looking for and the Club benefits from your generosity.

If you have any ideas for programs, do not hesitate to bring those ideas forward to the Board Members. Monthly Meeting Program/Topics are discussed /determined at the Monthly Board Meetings. We would love to have you join the Board of Directors so if you have interest in planning our activities and helping to guide our future, please let me or any of the other CWT Board Member know.

Stay Challenged and as Always, Happy Turning! Bruce A. Kruse



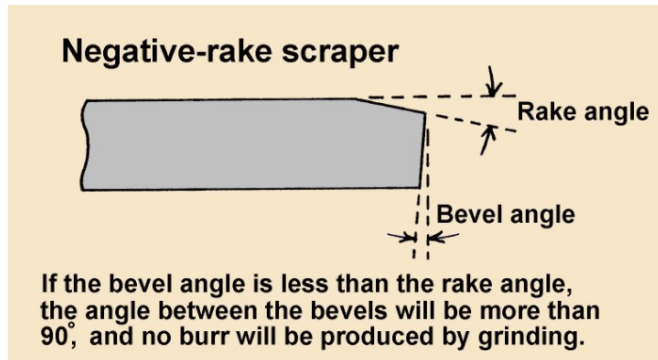
Joe Lesko

From Joe's Shop

Negative Rake Scrapers

by Joe Lesko

The addition of a second bevel at the cutting edge of a scraper significantly changes the characteristics of the tool. Adding this second bevel makes a conventional scraper a Negative Rake Scraper which allows the tool to cut cleaner, with far less tear out, fewer catches and significantly reduces the time spent sanding (hip hip hooray!) It is really easy to convert a conventional scraper to a Negative Rake Scraper simply by adding Rake angle as shown below. It is recommended that the Bevel angle as shown on the illustration below be ~ 15 degrees greater than the Rake angle so a good burr will be produced. This will produce a cutting bevel angle (the angle formed by the rake and bevel angle) be much sharper (~ 75 degrees or less) than shown in the illustration below.



Negative Rake Scrapers are less aggressive than conventional scrapers and are best used for final finishing, not for heavy shaping. I prefer to use a gouge for most of the work when turning a bowl or a box and then use the Negative Rake Scraper to produce a cleaner, smoother surface finish.

The more obtuse (larger) the included cutting bevel angle is, the less aggressive the tool will be and the longer to cutting edge will remain sharp. Conversely, the smaller the included cutting angle is, the scraper will be more aggressive and require more frequent sharpening. Since you will be cutting with the burr, you will need to re-sharpen as soon as the burr is gone which in most cases will be in a minute or less of use. The tools will continue to cut after the burr is worn off, but the finish will be much rougher and more cutting force will be required (sometimes causing other problems.....).

Perhaps the best to use a Negative Rake Scraper is to hold it level on the tool rest, or with the end of the handle a bit higher than the cutting edge. Like with any scraper, it is asking for trouble to contact the cutting edge to the wood with the end of the handle lower than the tip of the tool.

When you turn your regular scrapers into negative rake, you will need to pay attention to the included angle. That is the angle formed by the 2 bevels. If you add a top bevel to your bottom bevel scraper, you probably will need to change the bottom bevel angle to get the included angle that you want. A scraper with an angle greater than 80° will not cut very easily (will require too much force to get it to cut). A scraper with a greater than 90° angle will not cut at all. I would stick with 75° or less. There are protractors available that you can use to measure these angles, a T square from a table saw will also get you close.

When re-sharpening the negative rake scrapers, in general, only one of the bevels needs to be ground. I will typically grind the bottom bevel (depending on how I plan to orient the scraper in use) so there is a burr formed on the top by the grinder.

As noted above, it's very easy to convert a conventional scraper to a negative rake tool. A generously radiused curved bevel is preferable to a flat front and a negative raked scraper works as a great finishing tool, especially for those dense, figured hardwoods. We would really like to get your input on this tool!!!

For Sale

Have something for sale? Let the club members know about it here. Get the info to John Cox to be added to the next newsletter

For Sale

Delta 36-040 8 1/4 Compound Miter Saw New Carbide Blade -
Nice small saw with compound angle feature. \$80.00
New in package - never use Sorby Sovereign 16" handle with
3/8" and 1/2" collets. \$60.00
Bruce Kruse bak515@aol.com

Special Offer

From Fred Holder of More Woodturning Magazine.
Paul Rohrbacher suggested that I send you a copy of the current issue of More Woodturning Magazine to share with your membership. He felt that More Woodturning Magazine would be good for your membership. Hence, I am offering the January 2015 issue of More Woodturning Magazine to distribute to your membership who have e-mail facilities. The membership price for a single year is \$25.00 for 10 issues of the magazine.
The pdf file attached to the newsletter announcement is for a copy of the January issue. Thanks to Paul for his efforts.

Dues Structure and Meeting Attendance Policy

Club dues are:

\$25.00 per year for an General membership.

\$30.00 per year for a Family membership

\$100.00 per year for a Supporting membership.

Potential members may attend two meetings as a guest then must either join the club or pay 1/4 of the current general membership fee to attend a regular meeting.

Library Information

Do you use the literature library? What items would you like to see added, what would make it easier to use? See Gary Nosek and make your wishes known.