

METRO DETROIT METALWORKING CLUB November 2011 Newsletter

Treasury report:

Balance: \$695.10

Contacts:

President: Rick Chownyk

Vice Pres: Emil Cafarelli

Treasurer: Ken Hunt

Next meeting: Dec. 14, 2011
MCCC - 7:00pm

Secretary: Bob Farr

Publisher: John Lee

Webmaster: Steve/Doug Huck

President's message: Merry Christmas to all! I always have a lot of thoughts going through my head as I write the President's message. It's so hard just to jot down a few things as so much happens each month. But being the end of the year always makes me reflect on the past year and plan on the coming year.

One of the things that I always appreciate is our little metal club and all the great members both past and present. Without a doubt, some of the greatest people I have ever met! Without getting all mushy, I just want to thank you all!

Our December meeting has a few things we need to do:

1) Come and enjoy each other's company and eat food! Bring along Wives and friends!

2) Make any changes on the board and maybe vote in a new President (hint, hint)?

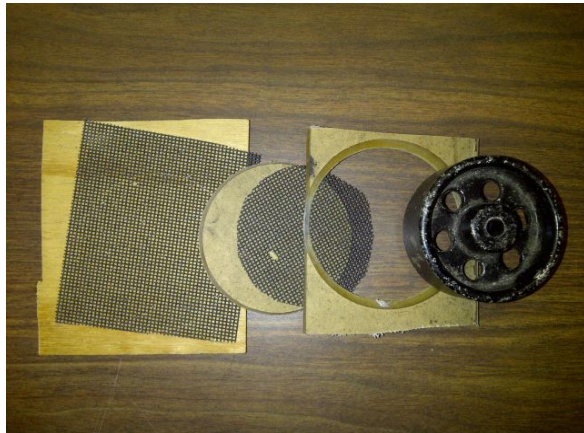
3) Pay your yearly dues to Ken if you haven't done so yet.

4) And then eat more food!

Merry Christmas to all, and have a safe and happy New Year!

Rick and Sandy Chownyk

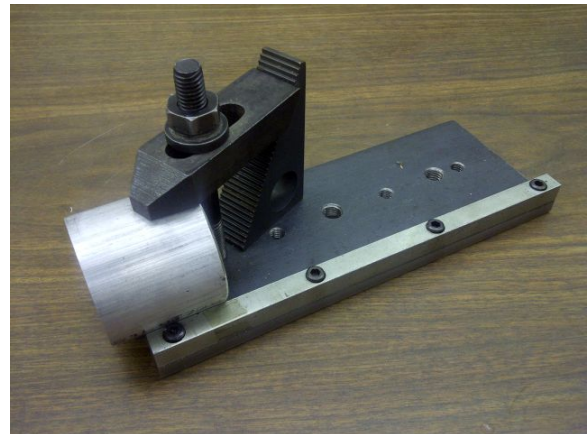
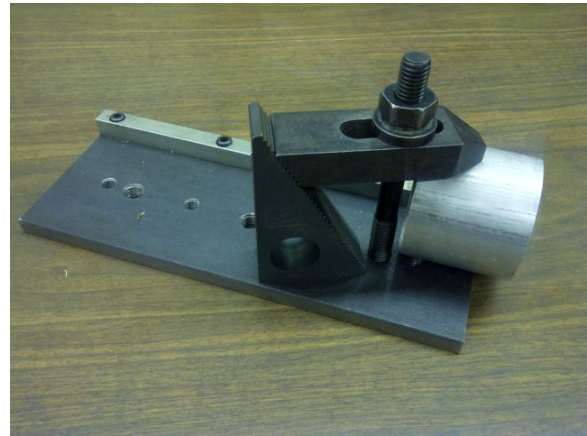
Show and Tell: Joe Pietsch shared an idea for gaining a better grip on Plexiglass sheet material in a lathe. The material is squeezed between the faceplate and a wood block centered on the tailstock. Within that sandwich are sheets of mesh sandpaper (normally used for sanding drywall mud), which improves the grip on both sides and can be cut through with the tool:



Joe also shared a small bench anvil from his collection. The base is screwed to the edge of the bench, and any of three anvils can be rotated to the upright working position.



Karl Gross suggested an easily made metal band saw tool to help securely hold small stock in the vise. It uses mill table hold down tools and a few scrap pieces to form a fixture, then the whole assembly is clamped in the vise with the stock hanging over:



Steve Huck recently completed his Demon V8 project and had the engine running at this meeting. It sounded great! This is an engine of his own design and he has plans available. You can see the full design and construction process on the web forum at www.homemodelenginemachinist.com. Look in the “Work in Progress” folder for a thread titled “Small V8.”



George Waterman showed us his solution to facing a recess on a thin plate. The recess can be seen in this picture under the shank of the tool blank, behind the cutting facets:



He reports that his initial cutter shapes were unsuccessful, but he settled on a tool with a 25-degree relief angle:



In the “what-is-it” category, Brian Lawson brought what turned out to be a centering gage for a grinder:



Ron Grimes has advanced his pen making art to the big-bore stage by using .50 caliber shell casings as the pen bodies.

David Zimmerman gave a very interesting presentation on gas welding techniques and equipment.



The presentation was thorough, including tips on brazing, soldering, welding and equipment maintenance.



Dave gave some pointers on identifying the different types of regulators, fittings and brands of equipment which are capable of being refurbished.



David made a monumental effort to bring along an impressive collection of equipment. The longest torch, at the top of this photo, is a little over 4-feet long and is capable of cutting through 5-feet of steel.

Dave refurbishes torches and regulators. He can be reached at (586) 677-0265, or by email at davemzimmerman@compast.net

Dave may be repeating his presentation at the 2012 N.A.M.E.S exposition.