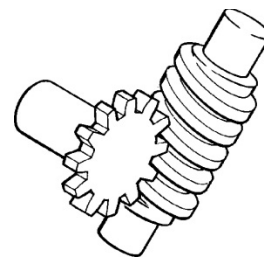


# **METRO DETROIT METALWORKING CLUB**

## **October 2013**



Club website: [www.metrodetroitmetalworkers.com](http://www.metrodetroitmetalworkers.com)

### **Treasury report:**

Balance: \$819.45

### **Contacts:**

President: Rick Chownyk

Vice Pres: Emil Cafarelli

Treasurer: Ken Hunt

### **Next meeting:**

November 13, 2013, 7p.m.

Macomb County Comm.

College – Room S140

Secretary: Bob Farr

Webmaster: Steve/Doug Huck

**President's message:** Greetings all! Dress warm as winter has come to Michigan! Not too much new right now. I would like to discuss the NAMES show this coming April and what we can do at the 25th anniversary show.

I'm also bringing plans for a nifty "coffee cup" Stirling engine. Maybe have 25 of them at the show!?!

Bring your show and tells and be ready to have doughnuts and coffee Wednesday night!

See ya there! Rick

**Announcements:** Steve Huck wants to share this resource for small orders of metal:

"While at Zanesville I met a fellow that used to be a manager at Metal Express. He has now retired and

started his own company supplying metal to the hobbyist. He started in his garage and stock has grown to the point that he has grown out of the garage into a small warehouse. His main focus is the hobby market and is happy to sell cuts of metal as short as 6 inches. \*\*\* For orders over \$25 use the code NSOHIO for free shipping thru 11/30/13.” -

Hobby Metal Kits, LLC  
PMB 173, 1660 S. Church St.  
Watertown, Wisconsin 53094  
(608) 345-2617 phone  
(608) 423-4934 facsimile  
[www.hobbymetalkits.com](http://www.hobbymetalkits.com) site  
[bernie@hobbymetalkits.com](mailto:bernie@hobbymetalkits.com) email

Steve also had the following contact via the Club website:

“This fellow was wondering if any of the members would be interested in helping to restore an old steam engine in hopes it would get placed in a museum for display.”



“I told him I would pass along the information in the event someone would be interested.”



Contact Steve Huck to get the engine owner’s contact information if you are interested in contributing to this interesting project. Here is one more view:



Marc Nowakowski passed on a “save the date” notice from the Steam Railroading Institute in Owosso, Michigan. The weekend to remember is June 20-22, 2014, when the SRI will hold its “Train Expo 2014 – Locomotives, Wheels & Wings.”

The SRI is located at 405 South Washington St., Owosso, Michigan, 48867. More info is available at their website:

[www.michigansteamtrain.com](http://www.michigansteamtrain.com)

Dick Triemstra announced that he knows somebody who would like to dispose of a nice drafting machine. Contact Dick directly if you are interested.

**Show & Tell:** Rich Chownyk usually starts the fire of our meetings with some unusual item or interesting bit of information.

The oncoming chill of October must have reminded him of the chicanery his wife and daughter were up to when they secretly “yarn-bombed” the model dinosaur at the Cranbrook Institute of Science –



Yes, those are hand-knitted leggings, scarf and “spike muffs” to keep the beast warm.



The covert mission was carried out under the cover of darkness. At sunrise the Institute was surprised by this new discovery about dinosaur ice-age behavior, but was impressed and left the cozy winter accessories on as part of the display.

So, what is the “metalworking” content of this story? Rick may not admit it, but anonymous sources ‘in-the-know’ report that he made the knitting needles – from titanium! Nothing but the finest tools will suffice for his girls.

Rick also shared a few recent flea market and ham fest finds. This first item is a Civil Defense radiation instrument in like-new condition:





Rick also scrounged up a nice multi-tool turret on a taper for use in a lathe tailstock. It speeds up manually changing drills of increasing diameters, chamfers, centers and whatever other tools you need in the lathe tail:



Pressing the lever releases a locking pin, which allows the six-position tool holder to be rotated:



Dick Triemstra brought a similar turret, though his was not mounted on a taper yet:



Dimitar Rangelov shared a tap-guide design that he likes for use in a drill press or milling machine:



This unit is available in four tap size ranges (up to 1" taps) from KBC tools: [www.kbctools.com](http://www.kbctools.com)

Jay Drouillard is resurrecting a version of the "Deezil" engines originally produced by the Winston brothers in the 1940's. That engine was marketed by the brothers via their 'Gotham Hobby Company' in New York. A nicely detailed retelling of

the history of this engine and company was published by Author Adrian Duncan in *Model Engine News*, a copy of which can be found at this [link](#).

Jay's reproduction of the Deezil is still in the mold development stage, but they already look nicer than anything that has come before:



It appears that Jay is prepared for a fairly serious production run, too:



Other reproductions have been made, including one by author Roger Schroeder. His article first appeared in issues 39-43 of *Strictly Internal Combustion* magazine. They were republished by *Model Engineering News*, a copy of which can be found at this [link](#).

My photographs of Jay's Deezil molds, and the small copy size that can be put in a single column of this newsletter, fall miserably short of showing the fine detail and careful work that have been put into the molds. The previously mentioned articles might be a helpful resource when building one of Jay's engines, but I have no doubt that you will be starting with a higher quality kit than has ever been available before. Nice work Jay (and Steve too, IIRC)!

Ted Zillich also shared a nice skeleton key casting he pulled from a mold many years ago:





A random comment in September about a Club train whistle build launched Steve Huck into action. The original whistle was built and shown by Phil Shannon a few years ago and shared with us again at the October 2013 meeting:



Here is Phil discussing the finer points of construction and tuning:



Phil's whistle sounds *great* and the plans are posted on the Club's website at this [link](#). Steve's version was scaled up 2x's from those plans and was constructed between the September and October meetings:



The scale of Steve's whistle might be a bit hard to determine from the pictures, but I suspect it was near 20-inches tall. The aluminum tubes were beautifully polished:



Perhaps Steve will give us a presentation on metal polishing. Great work by both builders!

Steve Huck's whistle:





An enlarged picture of Jay Drouillard's "Deezil" engine mold:



Robert Farr, Secretary