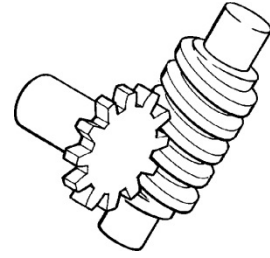


**METRO DETROIT  
METALWORKING  
CLUB  
JUNE 2013**



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

**Treasury report:**

Balance: \$929.43

**Next meeting:**

July 10, 2013, 7p.m.  
Macomb County  
Community College  
Building R, Room R112

**Contacts:**

President: Rick Chownyk

Vice Pres: Emil Cafarelli

Treasurer: Ken Hunt

Secretary: Bob Farr

Webmaster: Steve/Doug Huck

**President's message:** Greetings all!  
Not too much to report this month.  
We will be talking about the Club  
area at Makers Faire this coming 27<sup>th</sup> /  
28<sup>th</sup>.

Hope to see you Wednesday! Rick

**Meeting news:** The Club had several  
guests in June. Rick Kulis, Dave  
Christensen, Rob Ludwig and Will  
Brick (of Tech Shop) joined in. We  
are glad that you were curious enough  
to visit our Club, and hope that you  
will return again soon.

Interest in developing a Club library  
of resource materials was discussed.  
MDMC Club member Joe Comunale  
volunteered to be the librarian. The

details will be discussed at future meetings.

Steve Huck mentioned the increasing popularity of the Mid-East Ohio Model Engineering Exposition. This year's event will be held on October 19, 2013 from 9am-6pm in Zanesville, Ohio. More information is available at this link:

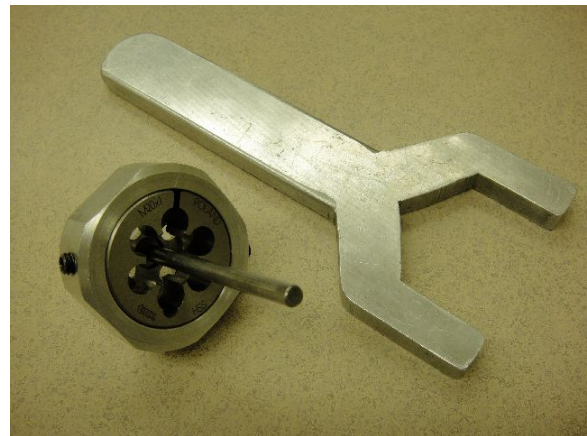
[www.deboltmachine.com/id37.html](http://www.deboltmachine.com/id37.html)

Guest Will Brick from the Tech Shop gave a short presentation about his company's benefits for Veterans. Free memberships available to honorably discharged Veterans, including a \$350.00 credit for classes. More information is available here:

[www.techshop.ws/veterans.html](http://www.techshop.ws/veterans.html)

Will also mentioned that Tech Shop is working to become the future venue for CNC Workshops. Village Press, the former organizer of this event, is apparently willing to "help" but will not sponsor the event.

**Show & Tell:** Following up a bit on the May meeting, Kevin Thomas brought in a threading die holder and guide pin of his own design. The wrench handle is placed against the lathe bed and holds the die from turning:



The centering pin retracts as the material is fed into the die:



Kevin also brought in a “facing” head, which mills a flat face as opposed to boring a hole:

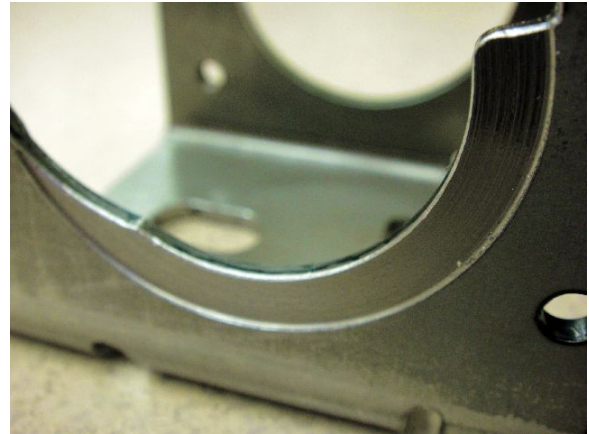


This model automatically feeds outward when the knurled grip is held stationary:



This last picture is an example of the work performed by the facing head. It is the supporting framework for a seat belt retractor spool mechanism. The facing head was used to bring the inner and outer surfaces down to

the specified dimensions around the spool without facing the entire surface:



Carl Wright brought in several telegraph keys, relays, sounders, coils, glass insulators and other interesting items from his collection:



Some of the relays were quite large and incorporated sliding adjusting mechanisms:

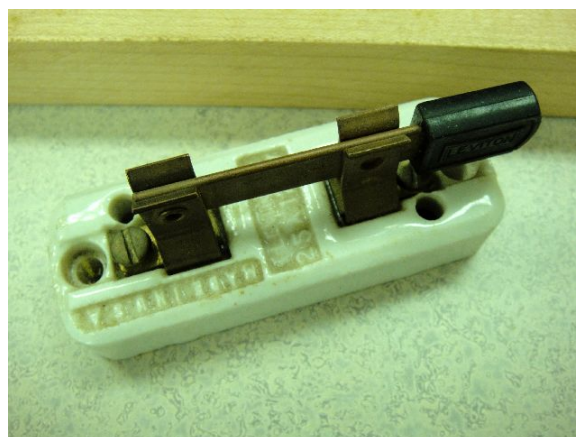
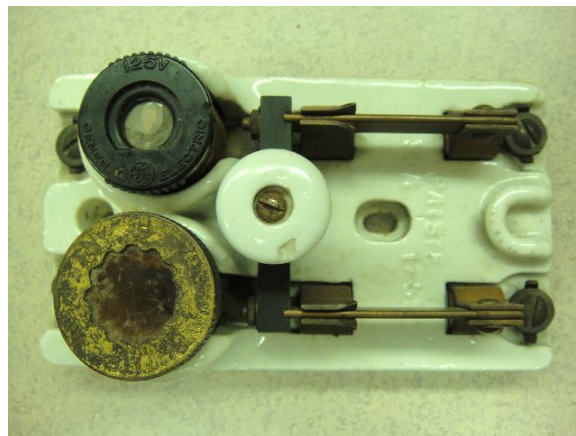




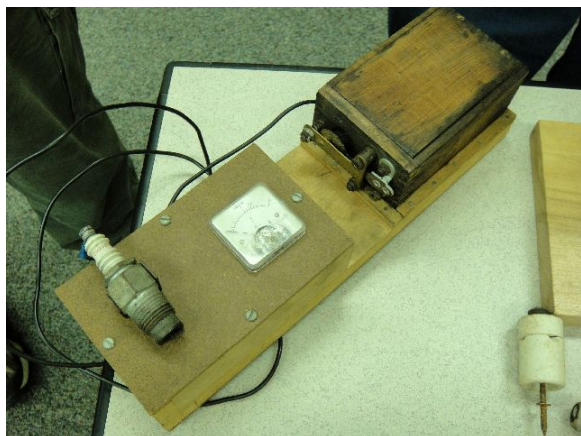
This device was made in Menominee, Michigan:



Carl's collection included some of the earliest glass electrical insulators and switches:



Carl also had a coil/spark plug tester. Note the "buzz box" and pipe threads on this early spark plug:



Steve sourced the tires from the model shop, but the sprocket is his own making and the kickstand is fully functional (including the detent holding it up):



Thanks for bringing in your collection Carl – very interesting!

Steve Huck is marching forward with his mini bike project:



Ron Grimes is adding to his range of pen offerings. Here are a few new models in Corian, with medical-themed clips:



I failed to put a reference scale in these pictures, but to give you a rough idea of size, this frame might make a good fitting *roller skate*!



Ron's collection is always well organized and neatly presented:



**National Threshers Assoc. Show:**

The 2013 show was held on June 27-30<sup>th</sup>. Pictures are already available on their site at this link:

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

The 2014 show marks their 70<sup>th</sup> annual reunion and should have an outstanding turn out. It will be held on June 26-29, 2014 at the Fulton County Fairgrounds, in Wausseon, Ohio.

I'll close out the June newsletter with a few of my own pictures from the 2013 show:







Bob Farr – Secretary