

Metro Detroit Metalworking Club				Dec '08	
Beginning balance	766.96	President	Rick Chownyk		_____
2007 dues income		V. President	Emil Cafarelli		_____
Non-dues income		Treasurer	Ken Hunt		_____
New balance	\$766.96	Editor/Lib	James Howard		_____
Expenses	-\$0.00	Publisher	John Lee		_____
Total on deposit	\$607.31	Webmaster	Dan Hittenmark		_____
DUES: \$10/yr. check to MDMC c/o Ken Hunt,			Macomb Community College 14500 E 12 Mile Rd, Warren, MI Room R-128 (parking off Martin Rd East of Bunert Rd Next meeting: December 10, 2008 (2nd Wed of every month)		

President's Message: December is our Christmas party; you can bring a small snack if you like. I will have coffee and donuts.. There will also be a small parts swap meet. Only bring items that you can easily bring inside. You can swap a small gift with other members if you are interested. Also there will be a photo of the group, so dress up!

Rick



Ron's business card holder and template



MDMC Minutes of 12 November 2008

President Rick Chownyk opened the meeting at 7:45 pm. He announced that the December meeting would be a Christmas party; would include a small items swap meet and would be held at the regular meeting place at Macomb College (R-128).

Treasurer Ken Hunt indicated the 31 October treasure balance to be \$607.31. He also reminded the group that the annual dues were due during the December meeting.

Rick Chownyk announced that a long term member, Bob Weber, had passed away.

James Sanderson, a potential new club member, introduced himself and indicated that he was unemployed and looking for work.

Ron Grimes update his work on the model Ford workshop project, apparently a formidable job requiring substantial additional detailing and expertise beyond the instruction manual, reviewed his use of a pantograph to complete certain steps.

Phil Shannon demonstrated his homemade spider tool to space round parts firmly against a chuck's face for narrow work piece cuts. The jig fits against the face of the chuck.

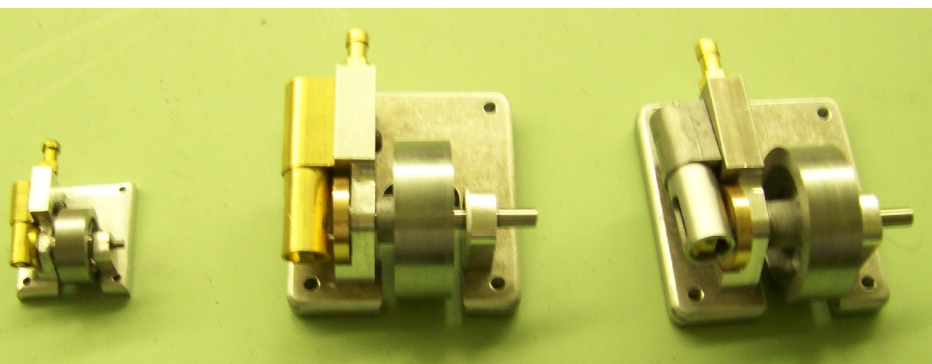
A part is inserted into the 3-jaw chuck and is supported by the spider. If you do not properly tap in your part, the spider will be loose and make a heck



of a racket, but will not come loose.

Ron Grimes demonstrated his own homemade washer OD cutting jig, enabling a washer to be located and locked on a tapered shank as it's OD is reduced by the cutting tool.





Steve Huck demonstrated small air-driven motors bought from a vendor, not specified. Joe Pietsch demonstrated a neat holding fixture for a Dremel tool.

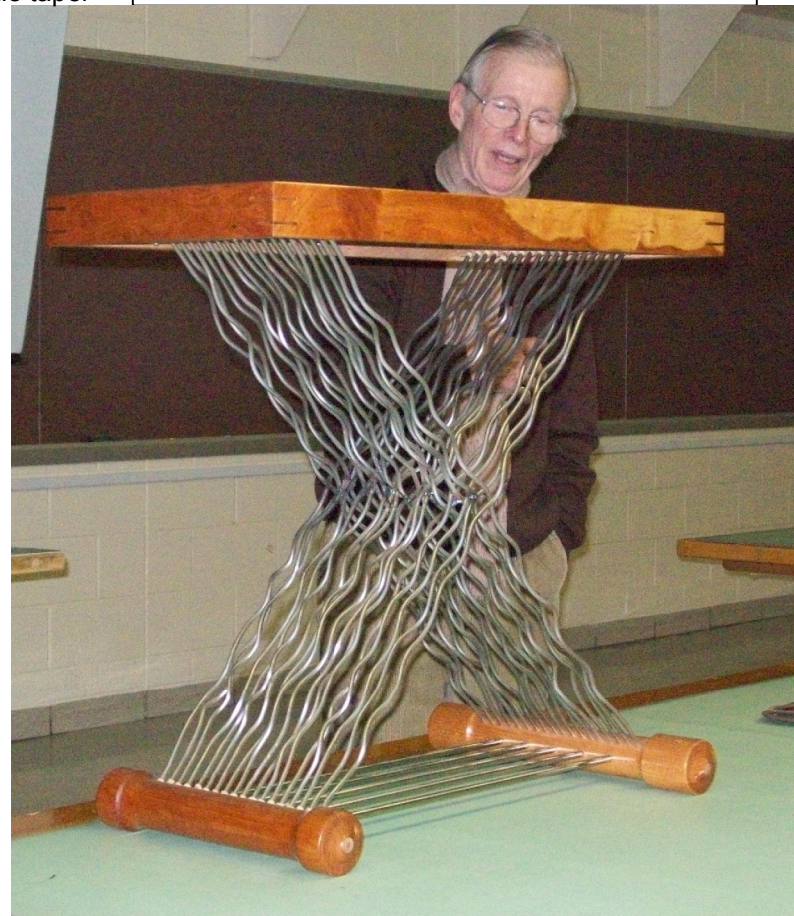
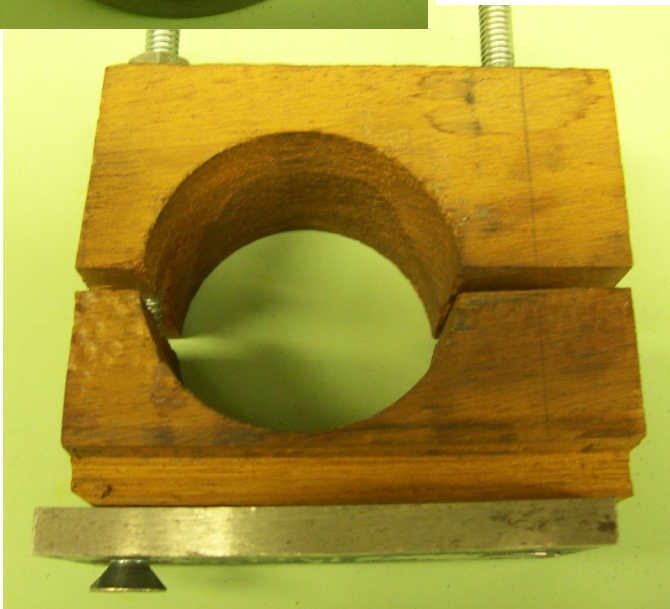
James Howard brought in a small cherry side table of unique design, which qualified for this club only because it had substantial metal used in the support system and because the metal had been shaped by hot forging. The round metal bar stock came from a ready source this time of year, ie, abandoned political signs. Mr. Howard indicated that this rod stock ranged in diameter from a substantial 0.208" down to 0.148", used in the cheaply made Obama signs.

James Howard, Metro Detroit Metalworking Club

Phil Shannon also discussed his technique for matching non standard inside tapers. The ring on the left has a taper. The lines are pencil marks to see how close the male taper is fitting.



Joe's Dremel holder and attachment



James Howard using recycled political signs (wire) for his table.

Robotics & Technology Club

.Next Meeting December 13
At 1PM Macomb Community College
(South campus) Room T-122
Contact: Donald Foren at