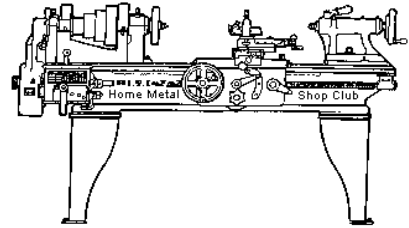




October 2024
Newsletter

Volume 29 - Number 10



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

The Home Metal Shop Club has brought together metal workers from all over the Southeast Texas area since its founding by John Korman in 1996.

Our members' interests include Model Engineering, Casting, Blacksmithing, Gunsmithing, Sheet Metal Fabrication, Robotics, CNC, Welding, Metal Art, and others. Members enjoy getting together and talking about their craft and shops. Shops range from full machine shops to those limited to a bench vise and hacksaw.

If you like to make things, run metal working machines, or just talk about tools, this is your place. Meetings generally consist of **general announcements**, an **extended presentation** with Q&A, a **safety moment, show and tell** where attendees share their work and experiences, and **problems and solutions** where attendees can get answers to their questions or describe how they approached a problem. The meeting ends with **free discussion** and a **novice group** activity, where metal working techniques are demonstrated on a small lathe, grinders, and other metal shop equipment.

President <i>Vacant</i>	Vice President <i>Vacant</i>	Secretary <i>Joe Sybille</i>	Treasurer <i>Joe Sybille</i>	Librarian <i>Mark Counterman</i>
Webmaster/Editor <i>Dick Kostelnicek</i>	Audio/Visual <i>Mark Heidorn</i>	CNC SIG <i>Martin Kennedy</i>	Casting SIG <i>Vacant</i>	Novice SIG <i>John Cooper</i>

This newsletter is available as an electronic subscription from the front page of our [website](#). There are over 1027 subscribers located around the world.

About the Upcoming 09 November 2024 Meeting

The next general meeting will be held 09 November 2024 at 12:00 P.M. (Noon) at TxRxLabs, 6501 Navigation Blvd., Houston, Texas 77011 and on-line at Zoom.us. Log-in credentials are as follows: Meeting ID = 867 6510 5903 Passcode = 623542

General Announcements

The HMSC has a large library of metal shop related books and videos available for members to check out at each meeting. These books can be quite costly and are not usually available at local public libraries. Access to the library is one of the many benefits of club membership. The club has funds to purchase new books for the library. If you have suggestions, contact the [Librarian Mark Counterman](#).

We need more articles for the monthly newsletter! If you would like to write an article, or would like to discuss writing an article, please contact the [Webmaster Dick Kostelnicek](#). Think about your last project. Was it a success, with perhaps a few 'uh ohs' along the way? If so, others would like to read about it. And, as a reward for providing an article, you'll receive a free year's membership the next renewal cycle!

Ideas for programs at our monthly meeting are always welcomed. If you have an idea for a meeting topic, or if you know someone that could make a presentation, please contact [Secretary Joe Sybille](#).

Members are requested to submit to the club secretary the name, address, telephone number, and website address, if any, of any metal or other material stock supplier with whom the member has had any favorable dealings. A listing of the suppliers will appear on the homepage of the club website. Suppliers will be added from time to time as appropriate.

The club is looking for a member to serve as webmaster. After over fifteen years of service, our current webmaster would like to pass the webmaster torch to a successor. Also, the club is looking for a volunteer to serve as president, vice-president, and casting special interest group leader.

Recap of the 12 October 2024 General Meeting

By Joe Sybille

Fourteen participants attended the 12:00 P.M. meeting at TxRxLabs. Ten participants were in person and four participants attended virtually. John Cooper led the meeting.

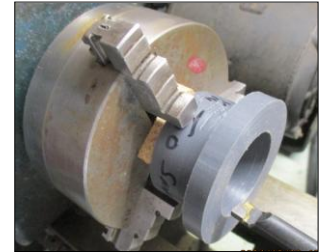
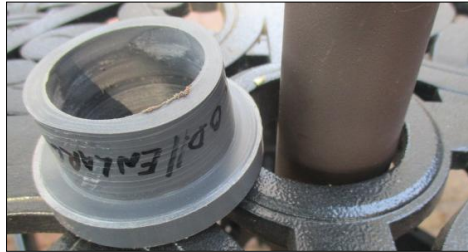


Presentation

Gary Toll showed a vintage video on joining aluminum pieces or parts. Several methods to join the aluminum were shown, among them included torch welding, carbon arc welding, atomic hydrogen arc welding, and brazing.

Show and Tell

Joe Sybille showed pictures of a bushing he had help making. Although the dimensions were not perfect, he explained and showed three short videos on the method he used to correct the part. See photos at right.



Charles McCullough showed pictures of the installed exhaust system for his vintage mid-engine Corvair. The car is undergoing a conversion to V8 power. See photos below.



John Cooper displayed a rock drill bit, modifications to the tapered hole drill bit he made, and an example of a tapered hole he made with his drill bit. See photos below.



Mark Counterman described his discovery of a pi-tape and its use. See photo below.



Dean Eicher described how he made a touch-safe cover for the electrical terminals of a proprietary power supply.

Dick Kostelnicek described how he can now enjoy the convenience of hands-free cell phone use while driving . A plug-in device to his cigarette lighter connects to his cell phone via bluetooth. When connected, he can carry on a conversation via his radio speaker. See photo at left.

Safety Moment

Participants were reminded, when using a lathe, to avoid standing where a part in a rotating chuck could dislodge and strike the operator.

Problems and Solutions

A participant wanted to know the recommended number of 110 vac and 220 vac circuits to put in a one person shop the size of a single car garage bay. Several suggestions were offered.