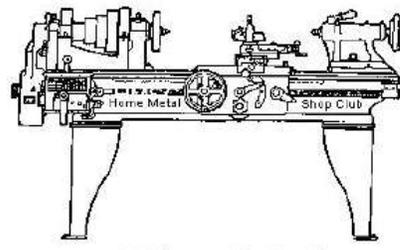




April
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Newsletter

Volume 13 Number 4



Visit Our Home Page www.homemetalshopclub.org

Statement of Purpose: *Membership is open to all those interested in machining metal and tinkering with machines. The club provides a forum for the exchanging of ideas and information. This includes, to a large degree, education in the art of machine tools and practices. Our web site endeavors to bring into the public domain written information that the hobbyist can understand and use. This makes an organization such as this even more important.* -- Founder - John Korman (deceased)

President	<i>John Hoff</i>	Secretary	<i>Dick Kostelnick</i>	Webmaster	<i>Gene Horr</i>	SIG	<i>Dennis Cranston</i>
Vice President	<i>Dennis Cranston</i>	Treasurer	<i>Emmett Carstens</i>	Librarian	<i>Dennis Cranston</i>	Coordinators	<i>Richard Pichler</i>

Next Meeting May 12, 2007

To be announced.

Minutes of the April 14, 2007 Meeting

by Dick Kostelnick

Business Meeting

The business meeting was held at Lyndons BBQ prior to the regular meeting. No business was discussed.

General Meeting

27 Members were in attendance. John Hoff, president, presided.



Presentations:

Dennis Cranston showed a video about gear hobbing using homemade cutters. Although this kind of gear generation was not technically correct, it produced satisfactory gear profiles for use in the home shop.



Leo Reid brought his home built two-cylinder model steam engine.



Show & Tell:

George Carlson discussed the merits of his recently acquired \$200 Harbor Freight TIG welding inverter. He showed some stainless steel coupons he welded with the machine.

Ed Gladkowski discussed how to swage holes in thin sheet metal in order to gain more thread engagement for sheet metal screws as compared to just drilling a hole.

George Marsden showed a tweezer cut from solid stainless steel block with an abrasive water jet.

Jan Rowland Talked about a rusted valve in an air coupler used in his shop air system that behaved as a check valve, thereby, producing no end of problems before the fault was discovered.