SkeTchbook

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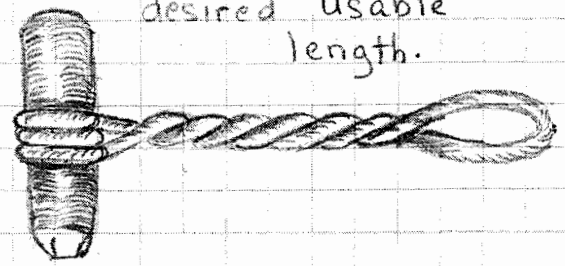
Hot Stamp
As done By Bill Davis

Customize with a handle or cut to a desired usable length.

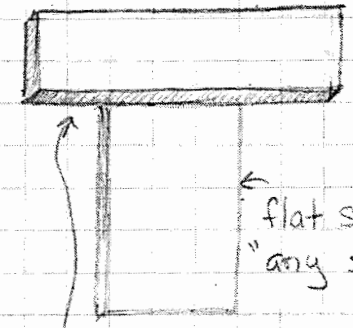


Start with a piece of medium or high carbon steel with a diameter large enough for your design.

Suggestions: 

☆ if you can draw it, it can be made into a stamp.

flat stock welded together to form guide



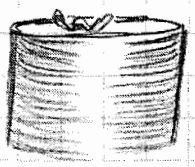
this piece needs to be the right thickness to align stamp up with center of rod. different size letter stamps will require different thickness of guide.

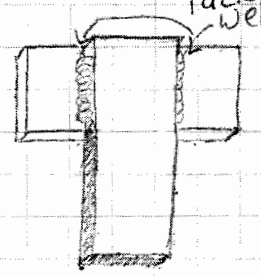
Material needs to be annealed to prevent damage to lettering stamps. Some letters are the same forward and reversed. otherwise you need a set of reverse stamps.

A guide will help you center your stamps and keep multiple letters in a straight line.

Remember to think backwards. If you want M W you need to stamp it W M.

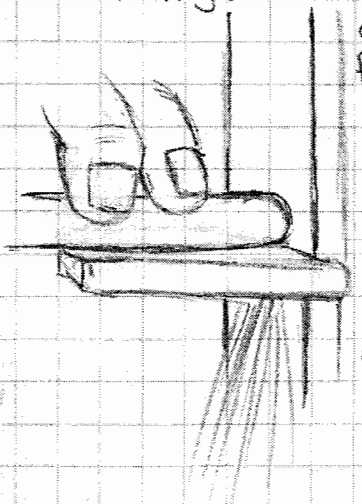
When stamping your letters into the rod, metal is displaced out where the stamp enters. This metal must be filed off. Keep stamping and filing until stamp is as deep as you want it. The deeper the letters are the clearer they will be when stamped into HOT metal.





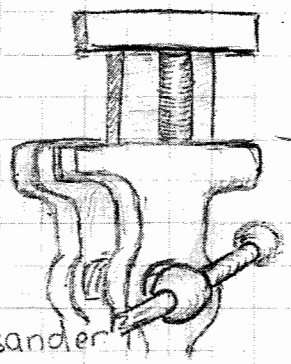
5/8" x 8" Long annealed med. to High carbon steel

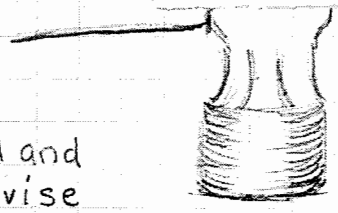
grind or file end Flat



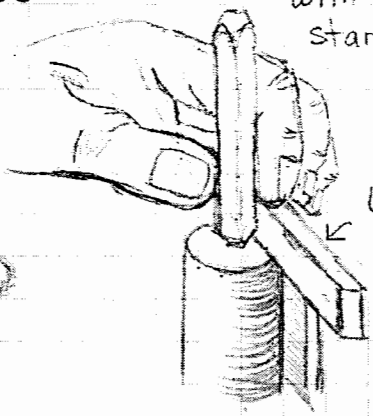
Belt sander

Place rod and guide in vise

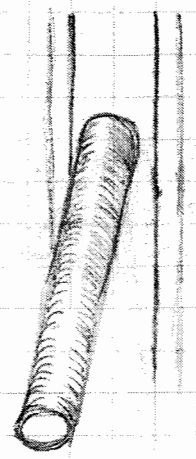




lettering is done with reverse stamps.

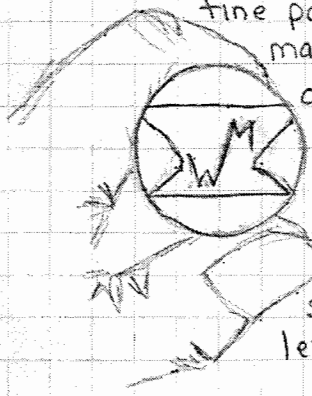


Use a guide to help center stamps on Rod.

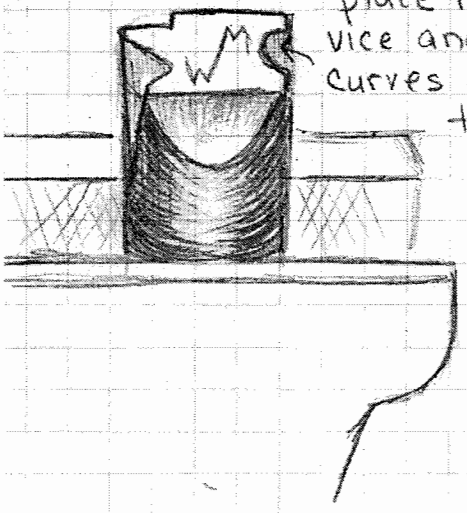


Start by grinding or filing flat areas.

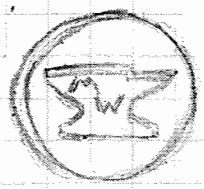
after stamping, use fine point marker to draw shape to be ground around stamped letters.



then use a file or dremel to start to rough in other parts of design



place rod in vice and smooth edges of curves and flat areas of the design to finish.



to test stamp during filing, stamp into lead.

When stamp is finished Rod can be cut to desired length. Heat treat the stamp end according to the requirements for the steel used. DO NOT treat the end of the rod that will be struck with hammer.