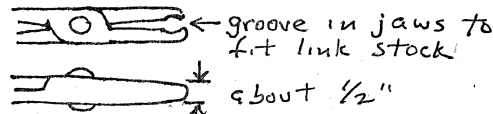


# Making Chain

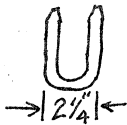
Joel Clark [1]

## A Special Tools -

1 Make or modify tongs



2 "U" tool to clamp in vise and use to shape links. 10-12" length of 3/4" round bar. Taper about 1" of each end and bend in U shape

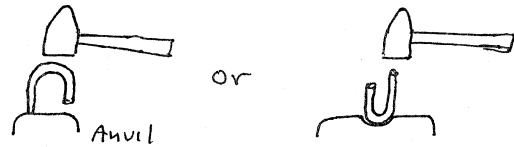


B Material - 3/8" round bar cut in 7" lengths.

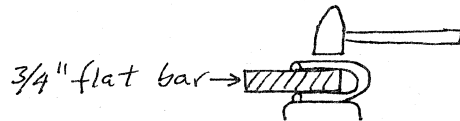
## C Method -

1 Heat middle of 7/8" x 7" bar and bend to form beginning link

2 Even up ends if uneven



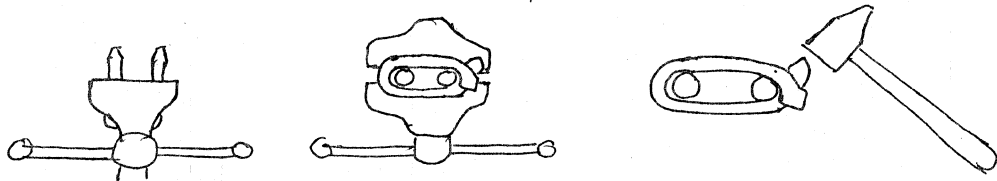
3 I use a piece of 3/4" thick flat bar to space and straighten arms of link.



4 Reheat and scarf ends of link on anvil. I scarf one end then turn over the link and do the other so the scarfs will mate when joined.



5 In the same heat the scarfed ends are bent to overlap using the "U" Tool clamped in vise.

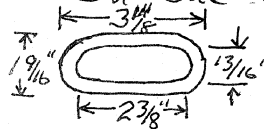


[2]

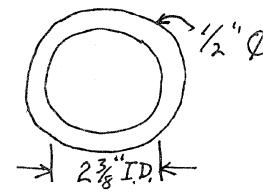
6 Flux and weld. Start weld on face of anvil and finish on horn and/or "U" tool. If necessary, reheat and finish weld in second heat. While still hot, true up link on "U" tool.

7 Make 2 links, then join with another. Make chain in 3 link segments, then join segments. After a few feet of chain is completed, moving it from fire to anvil becomes awkward, and is facilitated by using a hook to suspend the chain from overhead.

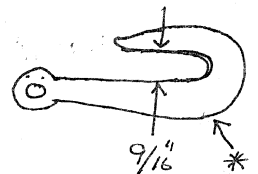
8 One way to finish chain is by forging a ring on one end and a hook on the other.



Approximate link dimensions.



Suggested ring size.



This hook can be passed thru ring and also used as a grab hook on links

\* Cross section



Address for sending links or chain sections:

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Letter signed by: Jim Omev, President Saltfork Craftsman ABA