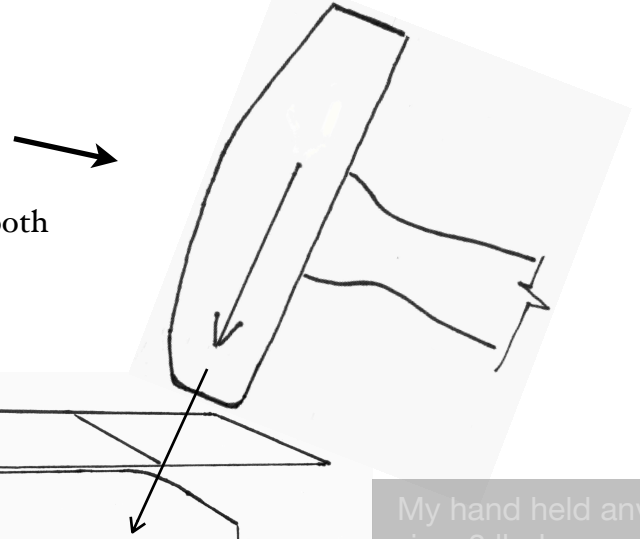


# The Finer Points

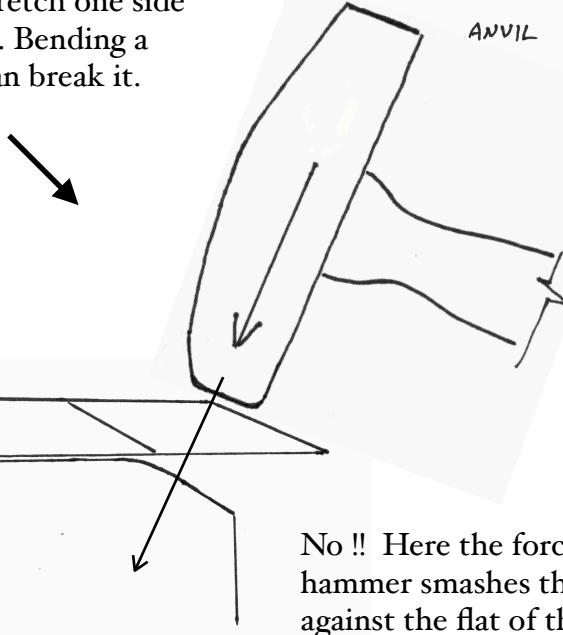
## SETTING TEETH WITH HAMMER AND ANVIL

Here is some of what you need to know to set saw teeth. Perfect placement of anvil and aim of hammer will set the tooth by cold forging it over the curve of your anvil. Other tooth setting methods attempt to bend teeth, often leading to breakage. Practice of this technique will help you feel when you are doing it right. Diagrams below compare best technique with two common mistakes.

★ Yes !! Direction of hammer force is aimed to forge the tooth over the curve of the anvil. The hammer will first make contact with the 'pyramid' on the tooth. The tooth flexes and the force transmits through the tooth into the anvil. You will feel a solid connection and a little give.

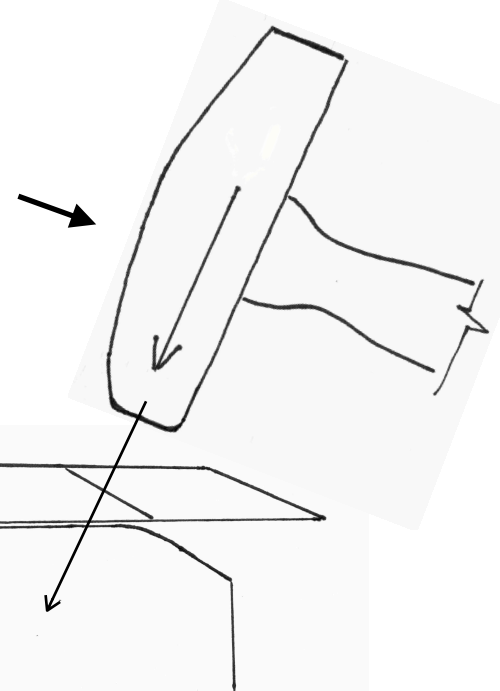


No !! The force here is directed to bend the tooth like a diving board. To bend metal means to stretch one side and compress the other. Bending a thick or brittle tooth can break it.



My hand held anvil is a 3 lb. hammer head. I used a file to shape a nice curve on the edge. My setting hammer is 13 oz. The face is 12mm across with the edges softened to a smooth radius.

No !! Here the force of the hammer smashes the tooth against the flat of the anvil. It will stretch, but not bend.



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