

## Cutting Heavy Sheet Metal with a Tinnerns Shears and the Aid of a Bench Vise

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### PROCEDURE:

1. With a  $\frac{1}{4}$ " drill, bore hole in each side of jaw of vise as shown in photograph.
2. With a  $\frac{5}{16}$ " tap, cut threads in same hole to admit  $\frac{5}{16}$ " screw bolt.
3. Drill  $\frac{5}{16}$ " hole in iron plates which are made of material  $\frac{1}{2}$ " thick,  $1\frac{1}{2}$ " wide, and  $2\frac{1}{2}$ " long. Now, with a screw driver, screw  $\frac{5}{16}$ " bolt through plates and fasten tinnerns shears to vise, as shown in pictures.

Heavier metals can now be cut with ease with the above combination, as shown in another photograph.

