

COMPOUND LEVER BAR

First read about hardening and tempering tool steel on page 87.

How to Make the Compound Lever Bar

1. Shape one end to a chisel edge two inches long, and bend as shown in Fig. 52 and Plate 27.
2. Shape the other end to a chisel edge $2\frac{1}{2}$ inches long.
3. Split open the second end, to form the claw, by holding it flat on the hardie and cutting it. See A, Plate 27. Smooth the jaws with a file.
4. Bend both ends; harden and temper to dark blue color.

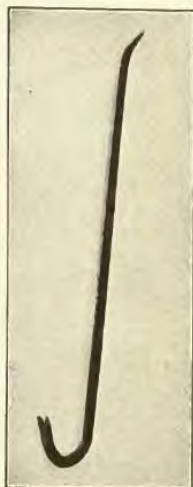


FIG. 52.
COMPOUND
LEVER BAR.

COLD CHISEL

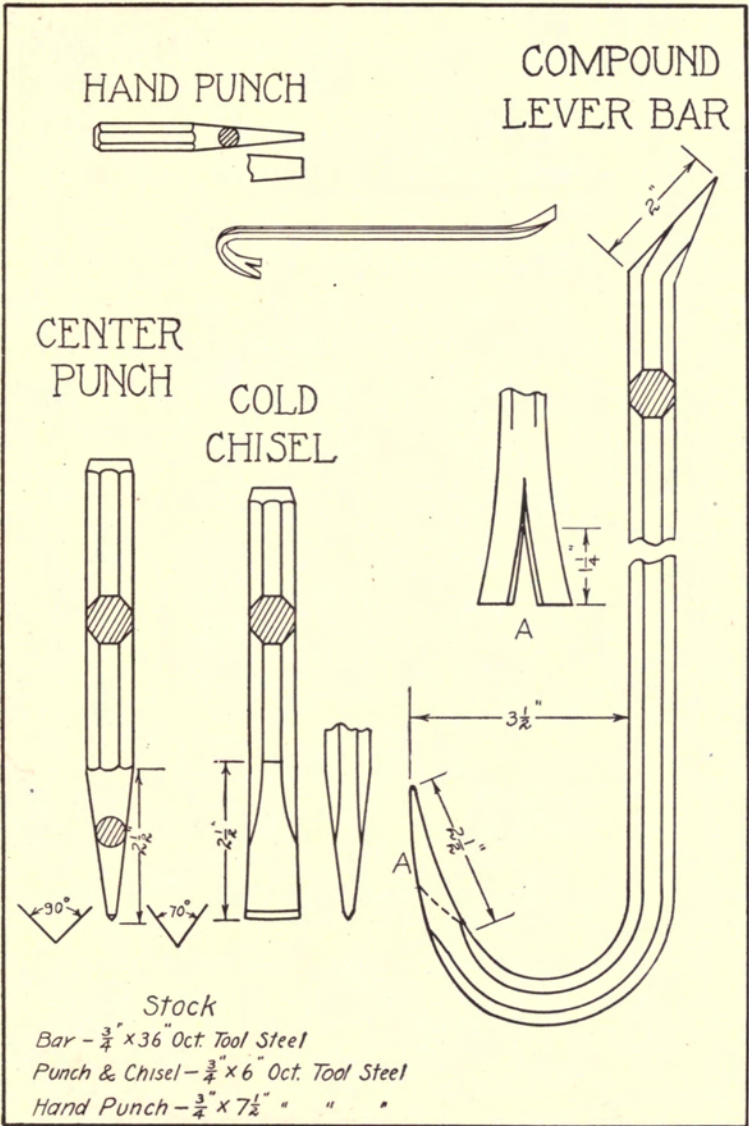
How to Make the Cold Chisel

1. Shape the end as shown in the drawing, Plate 27. The cutting edge must always be made wider than the handle above it. Do not, however, let it flare out very wide. See Fig. 53.
2. Round the top edge slightly and file or grind to an angle of 70° . See Plate 27.
3. Harden, and temper to a dark blue color for general use. See "Hardening and Tempering the Cold Chisel," page 87.

CENTER PUNCH

How to Make the Center Punch

1. Draw the point square and then round.
2. Round the top edge and grind or file the point to 90° .
3. Harden, and temper to a purple color.



UNIVERSITY OF CALIFORNIA

FARM BLACKSMITHING

A TEXTBOOK AND
PROBLEM BOOK FOR STUDENTS IN AGRICULTURAL
SCHOOLS AND COLLEGES, TECHNICAL
SCHOOLS. AND FOR FARMERS

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