

HOOF PARERS

The hoof parers, or hoof paring tongs as it is sometimes called, is a tool any farmer will be glad to own. It is made much like the straight lip tongs, Plate 29. The end of one jaw is sharp and the other is blunt.



FIG. 57. TWO JAWS OF HOOF PARERS.

How to Make the Hoof Parers

1. From a $\frac{3}{4} \times \frac{3}{4} \times 5$ -inch piece of iron shape the two jaws, Plate 30, and Figs. 57 and 58. The top and front views of the blunt jaw A indicate the shape and dimensions of that jaw. Likewise the top and front views of the sharpened jaw B are shown. The blunted end of A is made by upsetting. Remember that the jaws are forged alike except for the ends; see Fig. 57.

2. Bend the jaws to the approximate shape shown in Plate 30.

3. Round the ends to which the handles are to be welded.

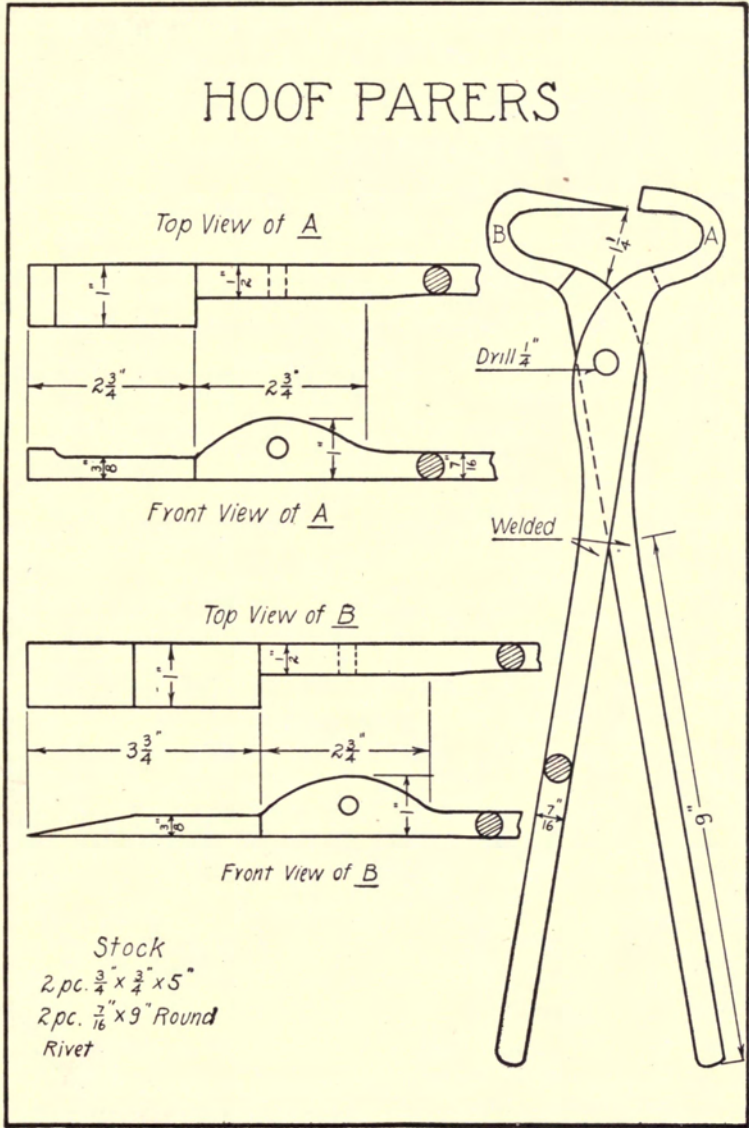
4. Scarf these ends and the ends of the handles, and weld.

5. Drill the hole in one jaw; place the two jaws together and mark the location of the hole in the second; drill the second, and rivet together.



FIG. 58.
HOOF PARERS.

HOOF PARERS



Stock
 2 pc. $\frac{3}{4}$ " x $\frac{3}{4}$ " x 5"
 2 pc. $\frac{7}{16}$ " x 9" Round
 Rivet

6. Sharpen the one jaw with a file, and also square the blunt one in the same manner.

7. Now finish shaping the jaws so that the sharp one will just push past the blunt one when they are pressed together.

8. Case harden the jaws. See the "Notes" under Ice Tongs and also on page 89.

Note.— Bend the jaws very short so that the leverage will be great. See the $1\frac{1}{4}$ -inch dimension on the right-hand drawing, Plate 30.

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FARM BLACKSMITHING

A TEXTBOOK AND
PROBLEM BOOK FOR STUDENTS IN AGRICULTURAL
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BY
JOHN F. FRIESE

Head of the Machine Shop and Forging Departments,
Technical High School, St. Cloud, Minn.

Author of "Blueprinting"



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