



FIG. 45. LARGE WELDED CLEVIS.

LARGE WELDED CLEVIS

This clevis is made quite readily and is strong. The pin has no fastening whatever, and where frequent changes are necessary is very handy.

How to Make the Welded Clevis

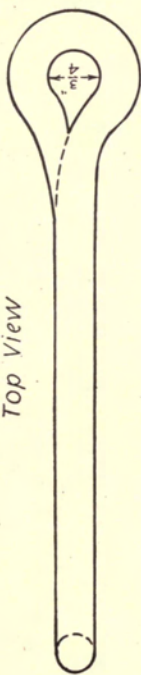
1. First read and study the Lap Weld and Plate 18.
2. Scarf both ends.
3. Bend the eye so that it will be at least $\frac{3}{4}$ inch in diameter.
4. Weld.
5. Bend the clevis to the shape shown in the drawing, Plate 22.
6. Upset the end of the pin and shape the head as shown in the drawing of the pin. Shoulder in on the rounding edge of the anvil. In Fig. 45 is shown the welded clevis.

Notes.—You have probably noticed that iron at a welding heat is sticky or pasty. Therefore in shaping an object for welding be sure to have the scarfs or parts to be welded just where they should be.

Welds on large iron can usually be made with one heat, due to the fact that a large piece of iron retains its heat longer. A cool or cold anvil will chill a small piece very quickly, and two or even three heats may be necessary to complete the weld.

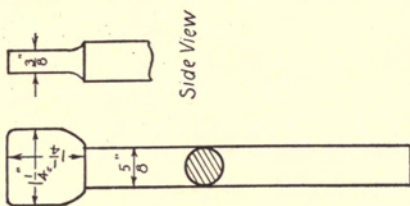
LARGE WELDED CLEVIS

Top View

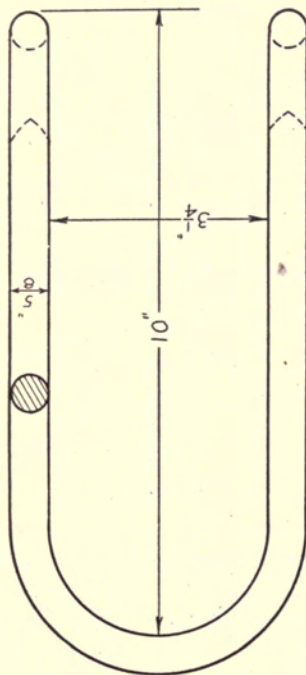


Stock
 1 pc. $\frac{5}{8}$ " x 30" - Round
 1 pc. $\frac{5}{8}$ " x 7" - Round

Pin



Side View



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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