

STRAP BOLT AND SIDE BRACE

This strap bolt and side brace is simply the strap bolt of Plate 15 with a side brace riveted to it.

How to Make the Strap Bolt and Side Brace

1. Make the strap bolt part just like the strap bolt of Plate 15. First draw the end round; then drill the holes adding the one for the rivet; bend the top, and thread the end.

2. Flatten one end of the round piece for the brace.

3. Drill a $\frac{1}{4}$ -inch hole $\frac{1}{2}$ inch from the end of the flattened part.

4. Bend to the dimensions shown in the drawing.

5. Thread the end of the brace. You will need two nuts on the brace, as shown in Fig. 33.

6. Rivet the brace to the strap bolt.

Notes.—Be just as careful to get the ends perfectly round before threading as you were with the strap bolt.

When making this forging for a repair be sure to measure the height of the side boards, the distance from the center of the bolt to the center of the hole for the brace, and the thickness of the cross-piece, under the wagon box, to which the strap bolt and brace are bolted.

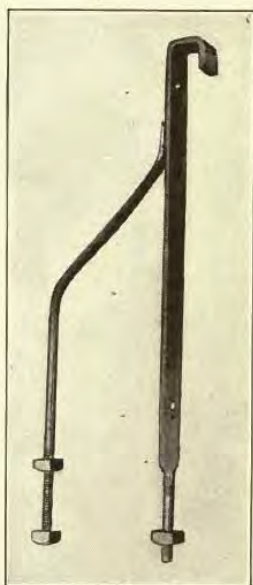


FIG. 33. STRAP BOLT AND SIDE BRACE.

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FARM BLACKSMITHING

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