

RING BOLT

The ring bolt is a useful object for hitching post or rail, manger, and numerous other places.

How to Make the Ring Bolt

1. First read and study the Lap Weld and Plate 18.
2. Scarf one end of the short piece for the eye bolt part, Plate 23.
3. Bend the end to form the $\frac{5}{8}$ -inch hole of the eye.
4. Weld.
5. Thread the end with a $\frac{3}{8}$ -inch die.
6. Upset, scarf and bend the ring as in Plates 18 and 19.
7. Insert the ring thru the eye and weld the ring. Fig. 46 shows the completed ring bolt.



FIG. 46. RING BOLT.

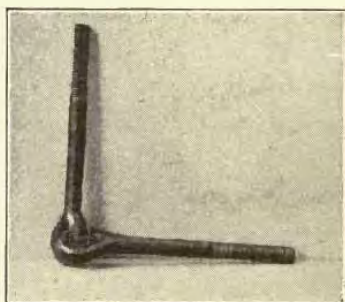


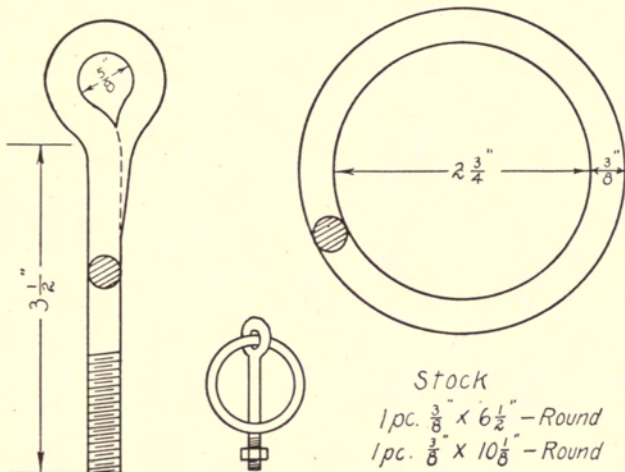
FIG. 47. DOUBLE EYE BOLT.

DOUBLE EYE BOLT

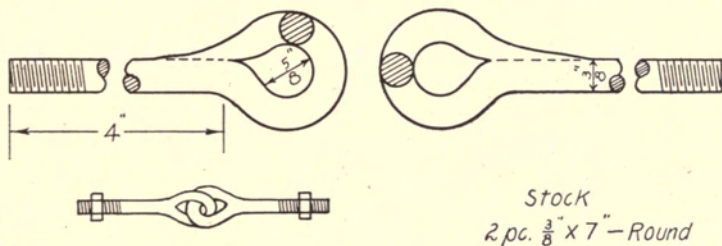
How to Make the Double Eye Bolt

1. Make one eye bolt just as in 1, 2, 3, 4 and 5 above.
2. Scarf, shape, and insert the head of a second one thru the first one made.
3. Weld the second. Turn frequently while heating. Heat in the edge of the fire so that only the parts to be welded will reach the welding heat. If you are not careful the two eyes may become partly welded together. Fig. 47 is a picture of a completed double eye bolt.

RING BOLT



DOUBLE EYE BOLT



UNIVERSITY OF CALIFORNIA

FARM BLACKSMITHING

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

BY
JOHN F. FRIESE

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

Author of "Blueprinting"



THE MANUAL ARTS PRESS
PEORIA, ILLINOIS

TO THE
LIBRARY

TT220
F7
Vocat.
educ.

Vocational Educ. Division

COPYRIGHT 1921

• JOHN F. FRIESE

Public Domain Bookmarks and Links
Added by Allen Dyer. December, 2007
Blacksmith Guild of Central Maryland
Publications Committee

Printed in the United States of America