Our first bracket is a traditional design using forged joinery and "rolled" mounting holes for screws or nails. Begin by making a full-size layout to aid in figuring stock lengths and scroll shapes.
MAKING THE FRAME

BEGINNING WITH ¼"x 1½" STOCK
SPLIT OUT BRANCHES FOR THE
MOUNTING HOLES. TAPER AND ROLL
INTO THE FINAL SHAPE USING
SCROLL TONGS.

HOT CUT A GROOVE IN
THE STOCK BETWEEN
THE MOUNTING HOLES
AND FINISH THE ENDS AS
SHOWN.

BEND 90° AND SQUARE
THE CORNER
MAKING THE SCROLLS

PIN THE SCROLLS TO THE BRACKET SUPPORT BAR AND FORGE WELD AS ILLUSTRATED. THIS AND THE OTHER SCROLLS CAN ALSO BE FABRICATED AS SHOWN IN 503-8

1. SPLIT THE ENDS OF 3/8"x 1" STOCK, SCROLL THE BRANCHES AND FORM INTO A C-SCROLL.

2. FORM THE RING AND WELD TO MAKE A 4 13/16" DIAMETER RING.

3. 15"
ASSEMBLY

Lay all the parts together and mark for drilling 5/16" rivet holes. Bolt the assembly together, then replace the bolts with rivets.

Finish by fitting collars as needed.

The parts can also be forged and fabricated using an arc welder. Make all the parts as shown, weld and finish the joints, then assemble as shown above.

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