

# DANISH COFFEE



WOMAN'S DAY STUDIO

**T**HIS attractive table was designed exclusively for *Woman's Day* readers by Peter Hjorth and Arne Karlsen, who recently won first prize in Copenhagen's Cabinetmaker's Guild Competition. Their philosophy of design is that furniture should be, first of all, a tool for everyday use, but in addition, it should be beautiful and artistic. The table is a result of this thinking. It is sturdy, spacious, completely functional, and it is attractively designed with Danish simplicity and economy of line. Because of its simple lines, the table can be used in either a traditional or modern setting.

The table shown above was actually built and tested in our Workshop. We used the simplest methods of construction so that only a few ordinary workshop tools are needed to make it.

### Materials:

- For top, leaves, swivel supports: 8' of  $\frac{7}{8}$ " x 18" mahogany or 15' of  $\frac{7}{8}$ " x 9" mahogany
- For balance of frame: 22' of  $\frac{7}{8}$ " x  $1\frac{3}{4}$ " mahogany
- 3' of  $\frac{1}{2}$ "-wide continuous brass piano hinge and  $\frac{1}{2}$ " brass screws to fit piano hinge
- Four brass 2" mending plates and sixteen  $\frac{3}{4}$ " brass screws to fit mending plates
- Eight number 6 screws,  $2\frac{1}{2}$ "; seven number 6 screws,  $2\frac{1}{4}$ "; eight number 6 screws, 2"; four number 6 screws,  $1\frac{3}{4}$ "
- 4" finishing nails (if nailing boards for table top)

- $\frac{1}{4}$ " dowels (if doweling boards for table top)
- Glue; mahogany plastic wood filler; medium and fine sandpaper; boiled linseed oil; turpentine

### General directions

Glue all edges before joining them with screws. When drilling holes for screws, use a drill size slightly smaller than screws. Countersink screws and fill with plastic wood filler.

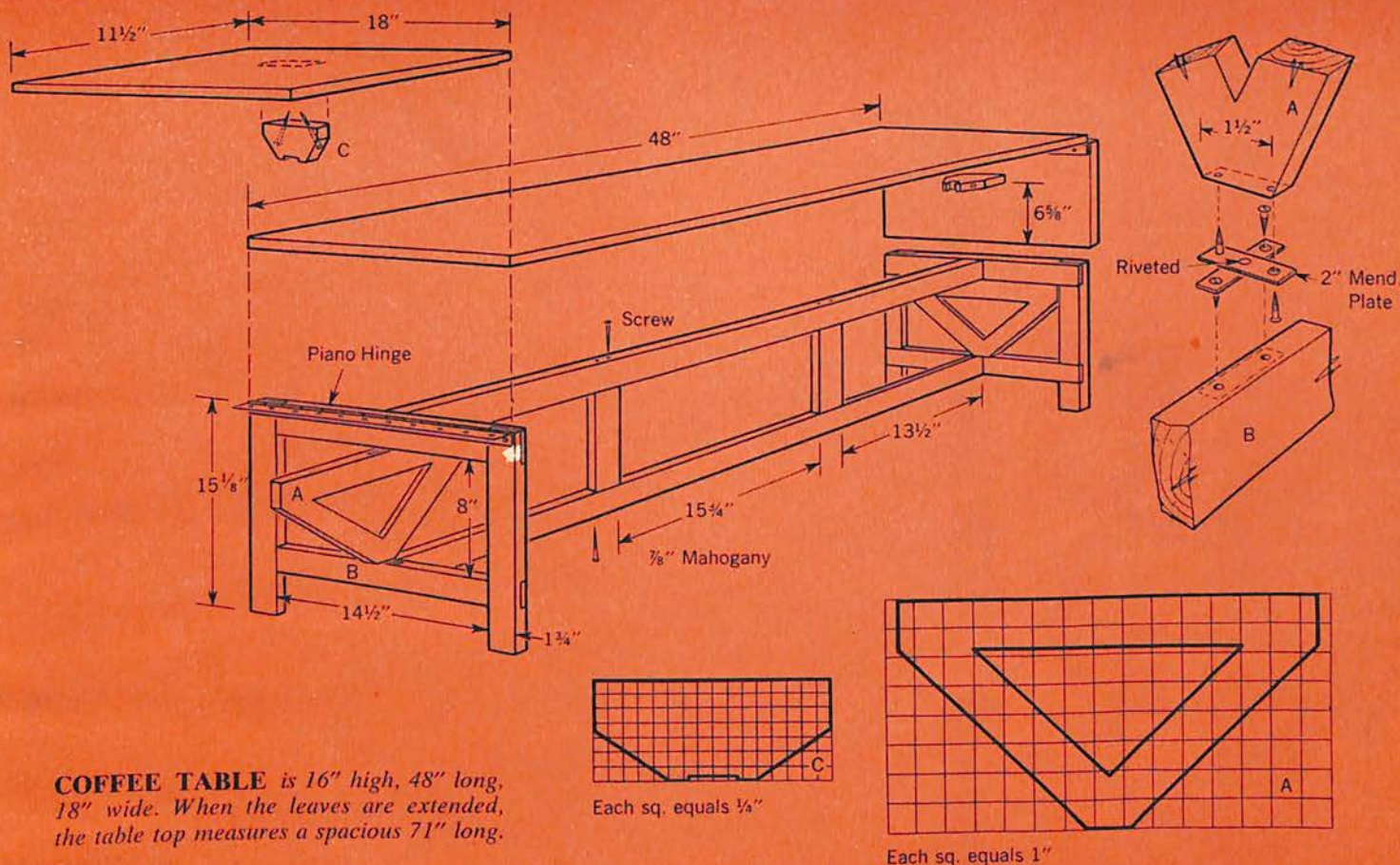
### Table top

An 18"-wide mahogany board is ideal for the table top. If you can't find a board in that width, you can join the top very simply in one of two ways. You can add same sized strips on both sides of a center board to equal 18". To attach strips, drill nail



*Woman's Day* commissioned two of Denmark's leading furniture craftsmen to design a handsome mahogany coffee table that you can make in one or two weekends.

# TABLE for you to make



**COFFEE TABLE** is 16" high, 48" long, 18" wide. When the leaves are extended, the table top measures a spacious 71" long.

holes slightly smaller than a 4" finishing nail along both sides of center board. Space holes 6" in from each end and about 9" apart. Glue, then nail strips to center board using 4" finishing nails.

You can also simply join two 9"-wide boards by gluing and doweling them. Drill 1/4" holes along one side of each board, spacing them 6" in from each end and about 9" apart. Glue, then join boards with 1/4" dowels. Clamp boards together until glue is thoroughly dry.

To join the leaves, you follow the same procedure you used for the table top but drill the holes only 4" in from each end and only 4" apart.

## Cutting and assembling cross frame and leg ends

Saw and plane two strips 7/8" x 1 3/4" x

46 1/4" and two strips 7/8" x 1 3/4" x 8" for cross frame that supports table top. Join long strips to short strips with number 6 screws, 2 1/2". Saw and plane four strips for each leg end and attach them with lap joints (see diagram). Enlarge diagram in detail "A" to make a pattern of swivel supports. Cut out supports. Attach "A" to "B" at centers with mending plates and screws (see diagram). Attach the cross frame to the leg ends with eight number 6 screws, 2".

## Assembling top, leaves, and stops

Screw table top to cross frame with seven number 6 screws, 2 1/4". Enlarge diagram in detail "C" to make a pattern of stops. Cut out stops. Screw each stop to leaves with two number 6 screws, 2 1/4". (See diagram for position.) Attach leaves to leg

ends with continuous piano hinge and 1/2" brass screws.

## Finishing

If top has been joined, plane if needed. Thoroughly sand piece with medium, then fine sandpaper. For oil finish, mix two parts boiled linseed oil to one part turpentine. With soft cloth, apply oil mixture generously to all surfaces. Let oil soak into wood for about four hours. Wipe off excess. Polish by rubbing wood with clean cloth. After twenty-four hours, apply a second coat of the oil, allow to soak in thoroughly, then remove excess oil. Rub wood with clean cloth. Extra rubbing will increase beauty of finish. When surface spots, such as water or other liquid stains, appear on the table, they can be removed by rubbing with a little of the oil mixture.