

DIRECTIONS

SIMPLIFIED HALFCOMB SUPER

This super has a new conversion kit for modifying the standard 4 3/4" comb honey super to hold Halfcomb cassettes.

The simplified parts are easier to manufacture or make on the bench. The conversion parts are designed to provide precise positioning automatically, and sturdier support of cassettes in the super.

The Halfcomb system is comprised of two distinct components:

- 1) The cassettes and
- 2) The modified super

The durable supers are reusable year after year.

Cassette refills are acquired each year.

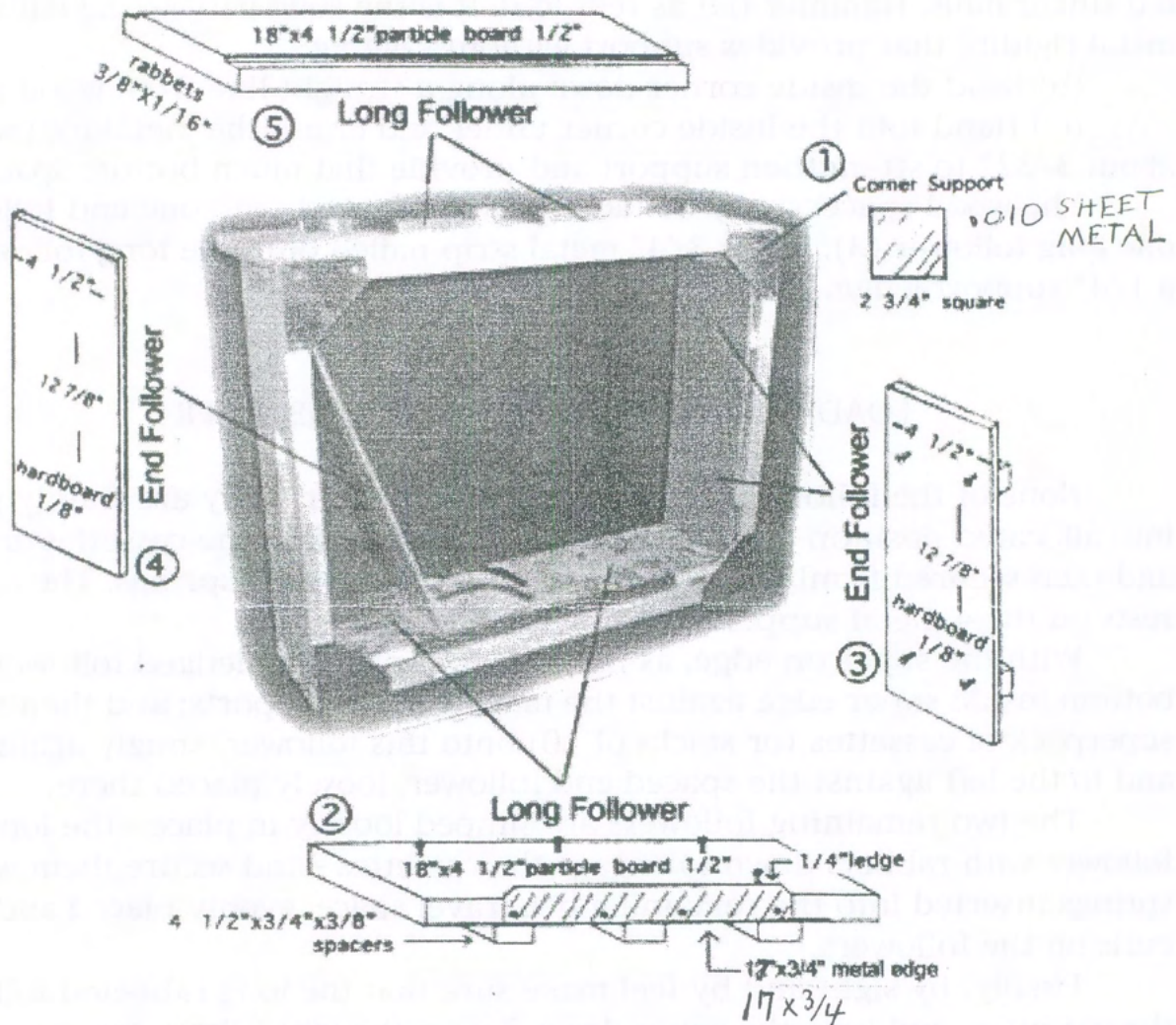
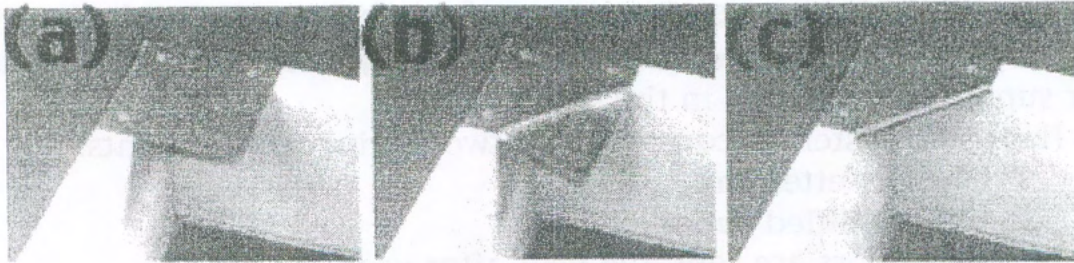


Fig. 1: Exploded view of the simplified Halfcomb super conversion kit (bottom view).

ASSEMBLY OF THE SIMPLIFIED HALFCOMB SUPER

Metal corner supports are fashioned in place on all four bottom corners of the super using $2\frac{3}{4}$ " squares of sheet metal (10ml or less). Any sheet metal including aluminum or flattened metal food cans can be used as follows:



(a) Position the metal squares on the super bottom corner and nail solidly with 6 d sinker nails. Hammer flat as required. It is the solidarity of the nails, not the metal rigidity that provides support without sagging.

(b) Bend the inside corner down along a straight line from wood to wood.

(c) Hand fold the inside corner under and crimp the metal fold with pliers to about $\frac{3}{32}$ " to strengthen support and provide that much bottom spacing.

The wood spacers may be tacked evenly spaced onto one end follower (3) and one long follower (3). A $1\frac{7}{8}$ " x $\frac{3}{4}$ " metal strip nailed onto the long follower (3) leaves a $\frac{1}{4}$ " support ledge. $1\frac{7}{8} \times \frac{3}{4}$

LOADING THE SIMPLIFIED HALFCOMB SUPER

None of the followers are attached to the super. They are simply put loosely into allocated position (see fig. 1) at the same time that the cassettes are installed; and then secured firmly against the cassettes with super springs. The entire content rests on the 4 metal supports.

With the super on edge, as in fig. 1, first place the ledged follower (2) onto the bottom inside super edge against the metal corner supports; and then set the superpack of cassettes (or stacks of 10) onto this follower, snugly against the ledge and to the left against the spaced end follower, loosely placed there.

The two remaining followers are slipped loosely in place - the long rabbeted follower with rabbets down to engage the cassettes - and secure them with super springs inserted into the remaining bee travel space, evenly placed and with spring curls on the followers.

Finally, by sight and by feel make sure that the long rabbeted follower engages the cassettes, and turn the super down flat on the table. Press the cassettes down firmly onto the metal supports.