

## USING THE TECTOOL TWO-CUTTER PLOUGH PLANE

The Tectool cuts alternately in both directions and the shaving thickness is controlled by the angle the engaged cutter makes with the work.

With the body of the tool kept parallel with the surface of the work a fine shaving is produced. A slight rocking motion will produce a thicker shaving. Heavy pressure should never be used.

It is not necessary to remove the cutters from the frame for sharpening, but when changing cutters be sure the key is fully inserted in the head of the socket screw. The exact groove width required may be chosen by staggering the cutters (see illustration). Washers, paper, cardboard, any kind of packing can be used for offsetting the cutter to the exact distance required up to a full  $\frac{3}{16}$ ". Very wide grooves are cut in stages working from left to right.

The  $\frac{1}{16}$ " cutters must always be seated on the washers provided, otherwise they will dish and snap under the pressure of the socket screws.

The cutter gap should be kept at about  $\frac{3}{16}$ " but is not critical.

To groove across grain it is first necessary to score the edges of the groove to be cut with a knife. The illustration shows another method. A flute may be ground in the front cutter thus raising two side spurs and the tool is used on the forward direction only.

Straightedges and templates should be clamped to the work whenever possible thus leaving both hands free to operate the tool. Proper control of the tool is obtained by keeping both hands on the handle; it is a mistake to hold the nose of the tool.

All these advantages over the old type Plough Plane:

1. Works to a stop.
2. Cuts any exact chosen groove width.
3. Grooves in a hollow.
4. Grooves round a bend.
5. Grooves on an angle.
6. Cuts dovetail housings.
7. Works against a straight-edge.
8. Grooves down to  $\frac{1}{16}$ ".
9. Adaptable for cross grain grooving.
10. Variable shaving thickness control.
11. Long cutting edge life and resharpening without dismantling.
12. Reversible for left handed users.

Manufactured by:

THE TECTOOL MFG.

RAINHAM RD. SOUTH. DAGENHAM. ESSEX.