MITER CLAMPS

The Miter Clamp is used to apply pressure to all four joints of a square or rectangular frame simultaneously. Two fairly common types are illustrated. However, ordinary C-clamps can also be used rather effectively to glue up corner joints as shown in the drawing on the next page.

Caution: Test for squareness at each corner before applying final pressure.

FIG. 57. This clamp is especially designed to apply pressure while gluing up mitered corners (such as picture frames). A thumb nut is at each corner. This clamp can also be dismantled for use when all four clamps are not needed as shown in the drawing to the right.

FIG. 59. How ordinary C-clamps can be used to apply pressure for gluing up a mitered corner.

FIG. 60. The three-way Clamp. An ingenious clamping device that allows pressure to be applied in two directions as shown. Extremely handy for applying veneers to table edges.

FIG. 61. Types of handles used to tighten C-clamps and bar clamps.
FIG. 62. This unusual C-clamp has a slot along its back and a spring-loaded threaded post which passes through the slot. The post can be positioned anywhere along the slot where it will do the most good and then tightened in place. Note the nut at the bottom which engages the post.

FIG. 63. This type of clamp features a serrated bar. To use, the movable part of the clamp is pushed up to the work and then the handle is turned for final tightening.