

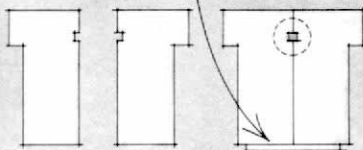
Pipe Clamps

Six versatile tips

Between glue-ups, the humble pipe clamp just gathers dust and gets underfoot. Here's how six readers coax double-duty out of these tools. So he always has one handy, Scott LeCocq of Arvada, Colo., uses a pipe clamp for his toolbox handle. Robert Harrigan of Cincinnati, Ohio, extended the grip of his vise with a clamp gizmo, while Philip Hahn of Blacksburg, Va., made a simple bench hold-down. Lyon McCandless of Bainbridge Island, Wash., Bernd Schroder of Half Moon Bay, Calif., and Maurice Harrington of Chicago devised pipe-damp vises. Thorn Lipiczky of West Stockbridge, Mass., suggested adding bench dogs for larger work. □

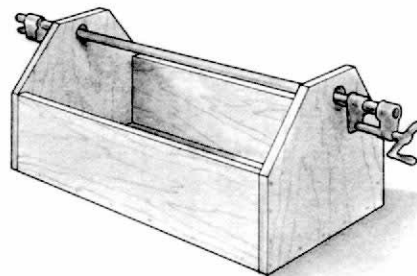
Harrigan's vise extender

Leather hinge makes jaws manageable in vise.

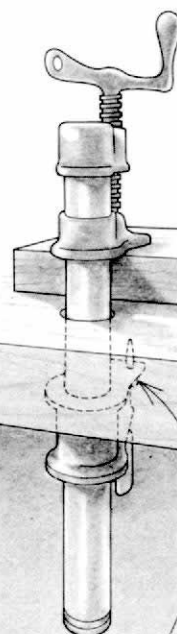


To drill a straight hole for the clamp, first mill grooves in the jaws on the tablesaw or with a router. Then clamp the jaws together and drill. The square hole will guide the bit.

LeCocq's toolbox handle

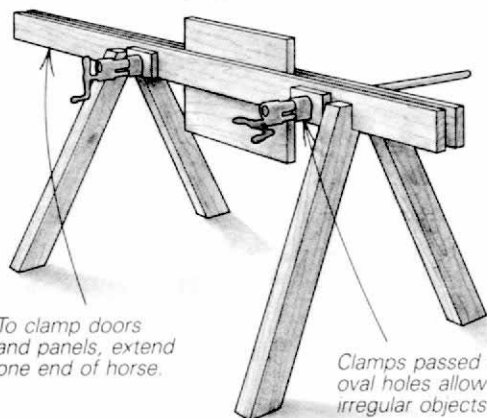


Hahn's hold-down



Hold the clamp fast with small wood screws driven through traveling pad.

McCandless' clamping horse



To clamp doors and panels, extend one end of horse.

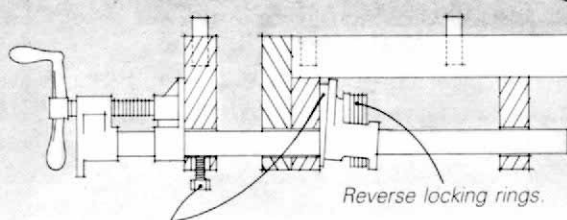
Clamps passed through slightly oval holes allow clamping of irregular objects.



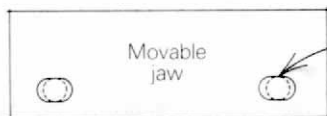
For an instant worktable, clamp a piece of plywood.

Schroder's bench vise

Screw vise's fixed jaw to bottom edge of bench.



Harrington smoothed the action of his vise by adding a toe block and a bolt snugged finger-tight through a threaded insert.



Movable jaw

Oval holes—tight vertically but loose horizontally—allow jaw to skew for clamping tapered work.

Lipiczky added dogs.