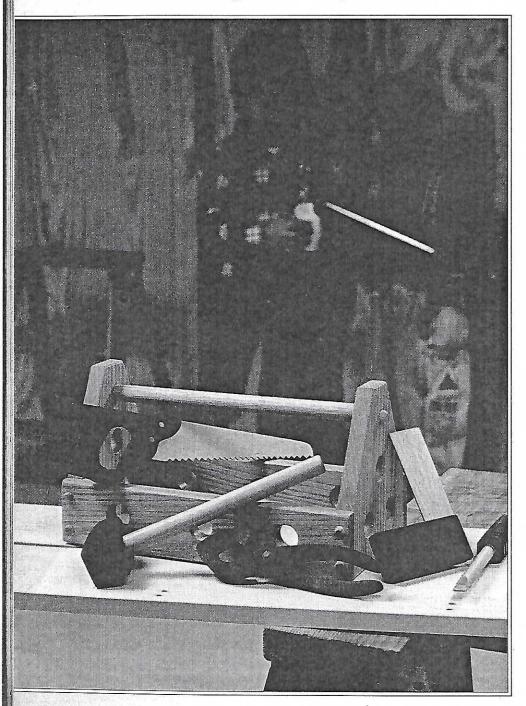
TINY-TYKE TOOLBOX 9N9

Most kids can't resist the urge to give Mom and Dad a helping hand. But, too often, children lack the tools to turn an imaginary screw or pound a block of wood. Not any longer! Now you can turn your budding builders loose with our wooden tools and toolbox designed and built just for them.



Let's start with the toolbox

I To make the toolbox ends (A), cut two pieces of $\frac{3}{4}$ " stock to $6 \times 7\frac{1}{4}$ ". Cut the sides (B) to the size listed in the Bill of Materials. With double-faced tape, stick the ends together face-to-face with the edges and ends flush. Then, stick the sides together.

2 Using the dimensions on the Toolbox drawing, mark the hole centerpoints on the top face of the taped-together ends and sides.

3 Drill 1" holes in the ends and sides where marked. Switch bits and drill the ½6" hole through the

ends. Now, with a ¼" bit, drill the holes through the sides.

4 Mark the cutlines on the end pieces. Bandsaw the angled lines.
5 With a wood wedge, pry the pieces apart, and remove the tape.
6 Cut or rout a 1/8" groove 1/4" deep 1/4" from the bottom inside edge in the side and end pieces. Then, form a 3/4" rabbet 1/4" deep across the ends of the side pieces.
7 Rout a 1/8" round-over along the end and side pieces where shown on the Toolbox drawing. (We used our table-mounted router to

8 Cut the bottom (C) to size (we used 1/8" birch plywood).

rout the round-overs.)

9 Dry-clamp the parts (A, B, C) to check the fit. Glue and clamp the box, checking for square. Later, use the previously drilled ¼" holes in the box sides as guides to drill ¼" holes %16" deep into the edges of the ends. Put a drop of glue in each hole and plug the holes with ¼" axle pins.

from a ¾" dowel. (We left a ¼6" gap between the axle pin head and end pieces so the handle will rotate.) Drill a ¾" hole ¾" deep centered in each end of the handle. Put a drop of glue in the holes, and pin the handle to the box with ¾" axle pins. Finishsand the box and add the finish.

TOOLS

The screwdriver adds to the set

I To form the handle (J), plane a 11/8"-wide by 12"-long piece of 3/4"-thick walnut stock to 9/16" thick. Crosscut the piece in half. Glue the two pieces face-to-face with the edges and ends flush.

2 Crosscut one end for a flat surface. Draw diagonals on the cut end to find center, and drill a ½" hole 1½" deep into the handle.

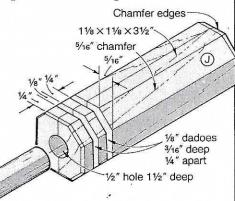
3 Cut 1/16" chamfers along all four corners of the handle. Crosscut the end opposite the 1/2" hole.

4 To cut the handle kerfs, raise the tablesaw blade 1/8" above the table. Attach an auxiliary fence and stop to your

1/2" dowel

61/2" long

miter gauge. Mark the kerf locations on the handle. Place the handle against the auxiliary fence, align the marks with the blade, position the stop, start the saw,



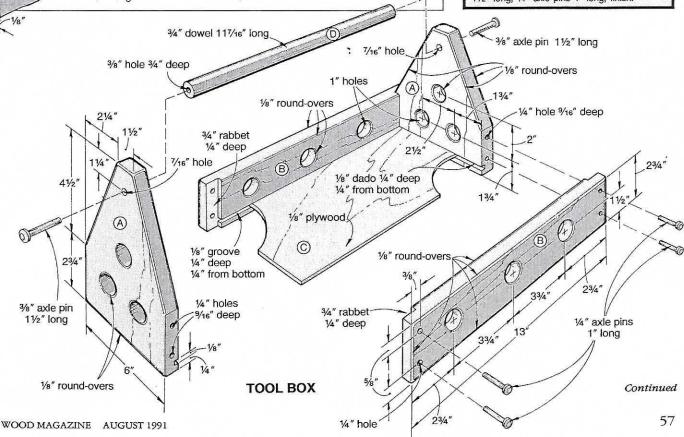
and rotate the handle to cut the kerf. Reset the stop, and cut the second kerf. 5 Sand a slight chamfer on the handle ends. 6 To form the blade (K), cut a 6½" length of ½" dowel. Belt-sand one end to the shape

shown, and glue the other in the handle.

Bill of Materials Finished Size Part W L TOOLBOX 71/4" 3/4" 6" 0 2 ends 3/4" 23/4" 13" 0 2 sides BP bottom 1/8" 6" 12" 1 D D 3/4" dia. 117/16" 1 handle SAW W 1 3/4" 31/2" 6" handle 81/2" BP blade 1/8" 2" 1 SQUARE W 1 handle 3/4" 17/8" 41/8" blade 1/8" 11/2" BP 1 **PLIERS** handle W 3/4" 3" 73/4" 1 blank **SCREWDRIVER** 11/8" 11/8" 31/2" LW handle 61/2" D 1/2" dia. 1 blade MALLET LW 11/2" 11/2" 4" 1 head D 3/4" dia. 91/4" handle

Material Key: O-oak, BP-birch plywood, D-dowel stock, W-walnut, LW-laminated walnut.

Supplies: double-faced tape, %" axle pins 11/2" long, 14" axle pins 1" long, finish.



TOOLBOX 'N' TOOLS

