

## Chapter 1 : techniques | Wood Working Plans

*Of the three, The Best Of Fine WoodWorking Router Projects and Techniques is by far the most useless. It appears that most, if not all, of the projects and techniques offered are by semi or professional craftsmen intended for other semi or professionals.*

Next, mill two guide boards about 1-ft. Screw or clamp them to the bench top an equal distance apart. Make a sliding carriage for your router from two 1-in. Slide the router back and forth on the carriage, then advance the carriage down the length of the board. When not in use, it easily stores against a wall. Rout the plywood so the T-track and aluminum angle are flush with its surface. Epoxy the T-track into its groove; drill and countersink holes in the angle so you can screw it to the plywood. To use the jig, clamp your board so its uneven edge just overhangs the straightedge, install a bottom-bearing flush-trim bit in your machine, and rout away. Chip-Free Bits Spiral bits often make a smoother, more accurate cut than straight bits. An up-cut spiral bit pulls chips up and out, making it perfect for cutting mortises in solid wood. A down-cut bit pushes chips downward, ideal for making chip-free dados in plywood and melamine. Down-cut bits are not recommended for use in a router table, however, because they can push the workpiece up off the table. A compression bit has spirals running both ways, up and down, pulling chips toward the middle of the bit. Shape Thick Parts in Two Steps The best way to make identical parts is to use a template and a top-bearing pattern bit. First, rout the bottom half of the part Photo 1. Second, remove the part from the template and install a bottombearing flush-trim bit in your router Photo 2. Using just one bit, you can make four different dados. Making the baseplate requires accurate layout. Nibble away at its edges on the tablesaw until the dimensions are perfect. The blade shifts out of alignment just enough to produce a burnt or out-of-square edge. Chamfer bits come in a variety of sizes. Here are a few tips that will improve your results: Use your tablesaw or bandsaw to remove most of the waste before you rout. This prevents the workpiece from tipping into the bit as you cut. Hold a backerboard behind the workpiece to prevent blow-out. When you set up your router table, aim for leaving a point on the end of the workpiece, without shortening its length. Before you rout, use a jigsaw to cut the end of the top close to its final length. The less end grain you rout, the easier the job will be. Next, find a piece of plywood or fiberboard that has two adjacent factory edges. This piece guides the router; the factory edges guarantee that your top will be square. It should be 2 to 3 in. Place the guide piece on a pencil line indicating the end of the tabletop. Clamp one side of the guide piece flush with the long edge of the top. Clamp a sacrificial block on the opposite side, tight to the tabletop, to prevent the end grain from splintering at the end of the cut. A pattern bit makes setup much easier. It makes a smoother cut in end grain than a bit with a smaller diameter. The answer is to add a board at the front of the sled, plus two top boards that bridge over the workpiece. This produces an absolutely rigid sled, and perfect joints. The guide blocks are just two large pieces of wood connected by a pair of alignment pins. Cut your rails an inch or two longer than their final length. The extra wood will support the router, preventing it from tipping. Mark the tenons, then clamp the guide blocks onto the rail. Make a pass on both sides of the board, measure the thickness of the tenon, and gradually lower the bit until the tenon is the correct thickness. Align Holes for a New Baseplate Additional baseplates for your router can really come in handy—for spanning a wide distance, for example, or for use as an insert in a router table. Drilling the screw holes for fastening the baseplate to your router is a precision job, though, particularly if you want the bit to be located exactly in the center. Special cone-pointed setscrews make the job easy see Source, below. They come in various thread sizes; to determine what you need, take your baseplate screws to the hardware store and match them with an appropriate nut. Install the pointed setscrews in your router base and slide the new baseplate over the bit. Tap the baseplate above each screw to make a dimple for centering a drill bit. Ramp-up for easier starts Next time you make a template for pattern routing, be sure to include a starting ramp. This provides a safe place for the router bit to contact the template before it starts cutting. Add an exit ramp on the far end of the template, too. Adjust your router bit so it cuts a paper-thickness above the bottom of the baseplate, then rout the plugs. To make the plugs absolutely flush, sand them with a small piece of sandpaper wrapped around a hard block. Box Fence for Big Bits A large raised-panel bit should be treated with a certain

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amount of respect. This fence is really just a large box with a plastic top and dust port, clamped to your router table. Set it so that it bears down on your panel, like a featherboard, to produce a smooth cut. Sandwich Clamp Use a double-sided template to avoid tearout on a curved piece. No-Fuss Mortising Jig Want a dirt-simple mortising jig? This one takes just a few minutes to put together, not the whole weekend. First, clamp a 3- to 4-in. Butt your workpiece up to the stop block and clamp your workpiece to the large block. A large handscrew is ideal for this job because it has a deep reach. Finally, add two stop blocks on top of the big block to limit the back-and-forth movement of your router. If your mortises are centered, go ahead and cut all of them. Our cover shows this jig in action.

### Chapter 2 : @ Free Woodworking Router Projects And Techniques :-> More Information

*This allows you to learn how to use a router at your own pace with our woodworking tips and techniques. We have router projects and videos that teach you how to use a plunge router and we have videos that show you how to use a fixed base router.*

### Chapter 3 : 17 Router Tips | Popular Woodworking Magazine

*Double the usefulness of your router with a router table. Smooth edges, cut long moldings and mold small projects easier and more safely by using the table. We show you how. Clamp feather boards to the fence and tabletop so they apply moderate pressure to the board. Feed the board through the router.*

### Chapter 4 : calendrierdelascience.com: Customer reviews: Router Projects and Techniques (Best of Fine V

*Additional baseplates for your router can really come in handy-for spanning a wide distance, for example, or for use as an insert in a router table. Drilling the screw holes for fastening the baseplate to your router is a precision job, though, particularly if you want the bit to be located exactly in the center.*

### Chapter 5 : INCRA TOOLS :: Books, Plans, Videos & Accessories :: INCRA Projects and Techniques Book

*Router Projects for the Home, Router Magazine, , House & Home, pages. 26 projects from the pages of "Router" magazine feature the work of well-known craftsmen, and they will satisfy your thirst for router skills and for beautiful objects to.*

### Chapter 6 : Free Woodworking Projects and Downloads | Popular Woodworking Magazine

*Router Jig, Wood Router, Router Table, Woodworking Shop, Woodworking Projects, Wood Projects, Router Projects, Router Woodworking, Woodworking Techniques Find this Pin and more on routers and bits by gabbie vazquez.*

### Chapter 7 : Router Archives | WoodWorkers Guild of America

*router projects & techniques winter 8 16 22 4 table of contents getting started in routing dovetailing with a router and jig exploring the versatile mul ti profile bit 26 six tips for avoiding 30 box joints on the 34 routing perfect edge joints router tearout router table every time.*

### Chapter 8 : Learn How to Use a Router | Wood Router Projects, Tips and Tricks

*Diy router Router woodworking Woodworking techniques Router jig Wood - Router Router Table Woodworking & Workshop WOOD JIG Router projects Forward 5 Router Jigs Improve your accuracy and control.*