

Ye been making boxes for over 30 years. Indeed, I've made thousands of them and I hope to make a few thousand more in the years to come.

I can't cover decades of box-making knowledge in a single article, but I can share some of the things I consider when designing a box—wood, corner joints, lid, bottom, feet, pulls, and dividers. Armed with a few good options for each element, you'll have no trouble designing all sorts of beautiful boxes on your own.

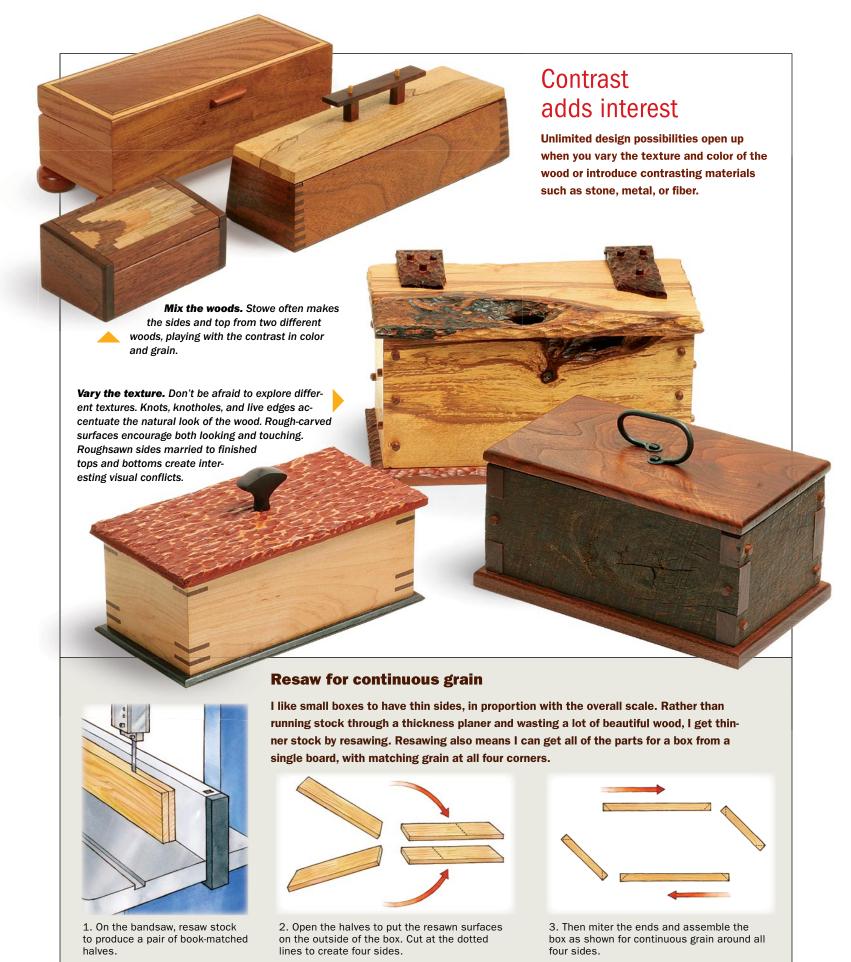
Box making appeals to me for many reasons. I enjoy the process of design. And because boxes come together more quickly than many other woodworking projects, I have more opportuni-

ties to try new designs and learn new woodworking techniques. Consider, too, that you can make a box from bits of lumber left over from larger projects, so wood costs are minimal.

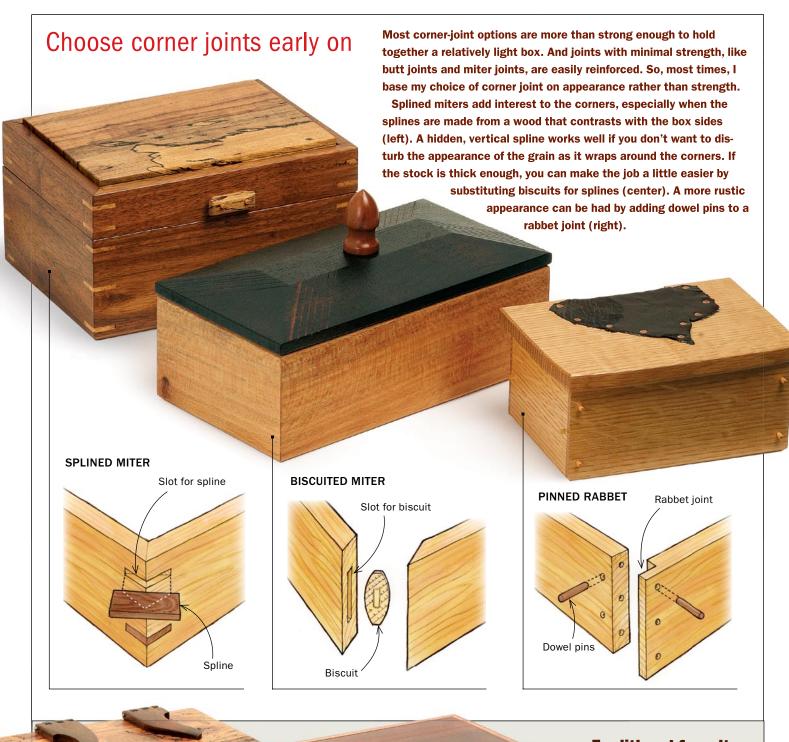
Not only can they be beautiful to look at—masterpieces in miniature—but boxes are perfect for storing everything from jewelry to stamps, and keepsakes to odd change.

Doug Stowe lives in Eureka Springs, Ark. His latest book and DVD is Basic Box Making (The Taunton Press, 2007)





www.finewoodworking.com MARCH/APRIL 2008 63



Traditional favorites

The classic dovetail joint (left) never goes out of style. Feel free to vary the dovetail angle and spacing to get the look you want. Finger joints (right) are also eyecatching, and easy to make on the tablesaw using a shopmade crosscut jig.

64 FINE WOODWORKING Drawings: Stephen Hutchings

Rounded disk. A single countersunk

screw driven through the bottom of the disk secures it to the corner of the box.



Cutaway sides. By cutting away the bottom edge of the sides, the box effectively ends up with four feet.

Don't overlook the feet

Add feet to a box and you immediately create a different look. Feet can be as unassuming as small, rounded disks (top left). You also can make feet simply by cutting away some of the bottom edge of each side (bottom left), or mounting the box to a mitered base frame with the bottom edge cut away (top right).

Sometimes, to give a box a more balanced look, I make an oversize bottom (bottom right) that gives the look of a continuous molding around the perimeter. Generally, I simply round over the edges of this base, and attach it with screws to the bottom edge of the sides. Oversize holes for the screw shanks allow the base to expand and contract in width due to seasonal changes in humidity. Countersink the screw holes so they sit just below the surface.



Cutaway base frame. Cutting away the bottom edge of a base frame also produces feet.



Oversize flat bottom. An oversize flat base creates the look of a molding around the bottom of the box.

Dividers and trays add versatility

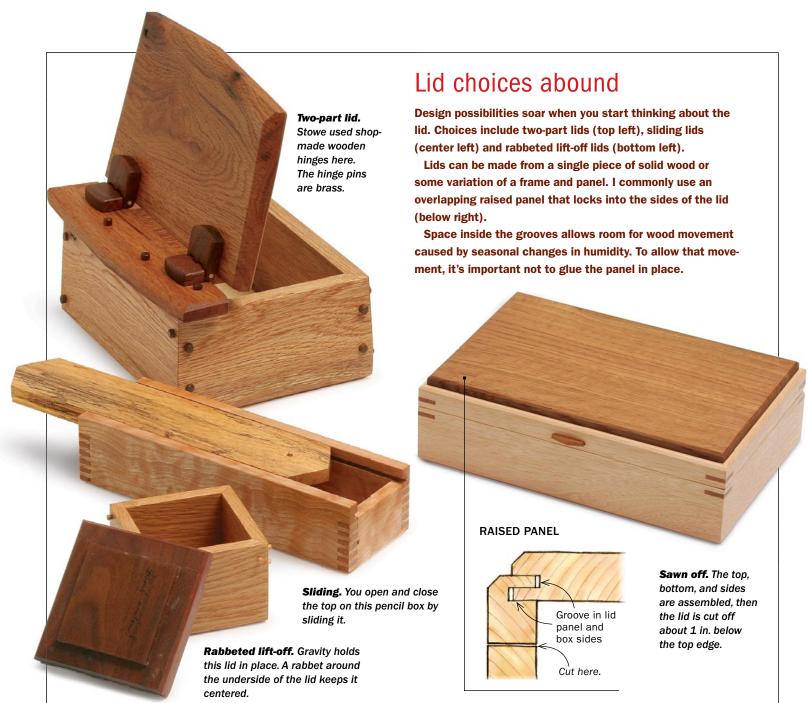
Some boxes become more useful when you add dividers or trays. A box I make for holding stationery (left) has a sliding tray with three routed recesses for stamps and paper clips, plus a groove to hold a favorite writing pen. My jewelry box (below left) has a fully divided bottom with additional dividers in a sliding tray. A keepsake box (below right) has a mix of six small and three large compartments.



It pays to plan. If you're building a box for a specific use, plan any dividers and trays early in the process. Their size, number, and location will have a lot to do with the ultimate size and shape of the box.



www.finewoodworking.com MARCH/APRIL 2008 65

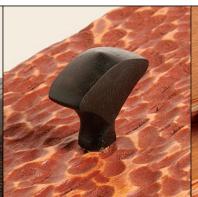


A pull can push the envelope

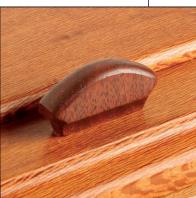
A well-designed pull looks good while making it easier to open a box. Shown here are some of my favorites. There are as many possibilities as there are types of boxes, so don't restrict yourself to only these designs. Add a little imagination and soon you'll be inventing your own.



Turned. Small lathe turnings make wonderful pulls. A single brass screw holds each one in place.



T-shaped. This profile quietly invites the thumb and forefingers, and is good for heavier lids.



Fan-shaped. Rounded and softened edges give this pull a delicate look that works nicely with lightweight lids.

Hinges, from hidden to handmade

Sliding and rabbeted lift-off lids can become awkward to use when boxes get around 12 in. square or bigger. At that size, I generally find that hinged lids work better.

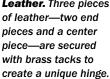
Depending on the box design, there are several hinge types that I commonly use. Each type adds a distinctive look.



Wood. Shopmade hinges add to the handmade appeal. The flat version (above) is screwed from the bottom. Wood pins secure an L-shaped hinge (right).











Specialty hinges

A butt hinge (left) with a built-in stop at 95° lets the lid tip back enough to keep it from falling closed (www.brusso.com).

Barbed hinges (below) slip into thin kerfs. They need no screws and are almost invisible (www.rockler



.com).



Bent-wire. A single bent wire gives a unique look. This one is from Horton Brasses (www.horton-brasses.com).



Flat. Flat stock doweled to a pair of posts adds an Asian flavor. Scale the size up or down depending on the box dimensions.



Front-mounted. Mounted to the front of a hinged lid, the pull serves as a lifting point.



Live-edge. The natural curve of a live edge works perfectly as a lift for some boxes.

www.finewoodworking.com MARCH/APRIL 2008 67