

Online Extra

table saw Crosscut Sled

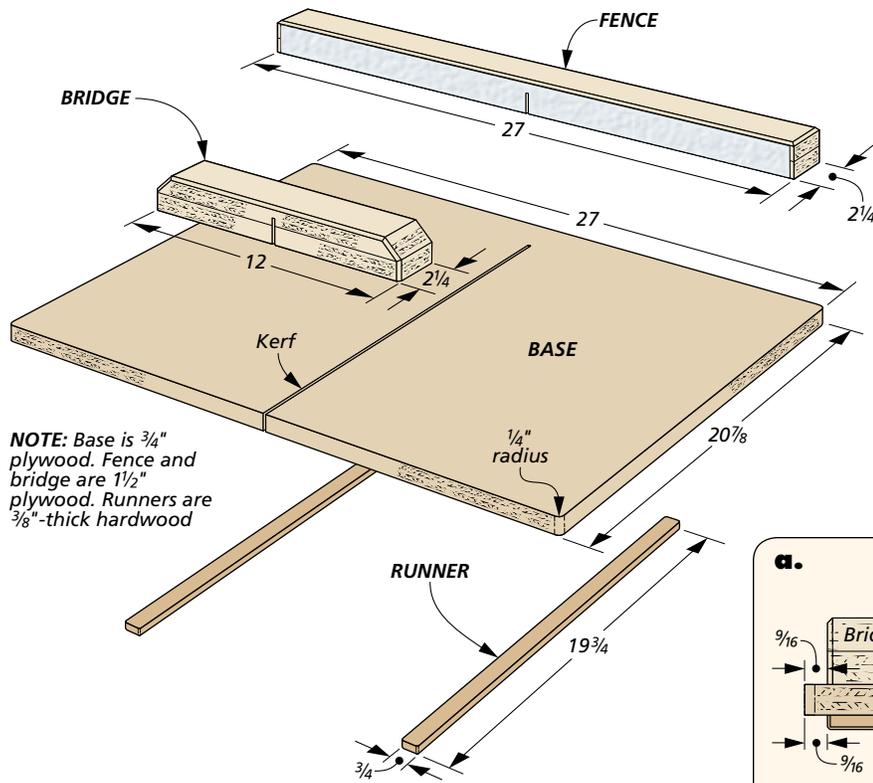


This crosscut sled allows you to cut boards or small panels to length. To build the sled, start by cutting the base to size out of a piece of $\frac{3}{4}$ " plywood and radius the corners (drawing below). Then make a couple of hardwood runners to fit the miter gauge

slots of your table saw. To locate the position of the runners on the base, place the base on your saw so that it is centered over the blade. Then mark the position of the slots on the base and glue the runners in place. Once the glue is dry, cut a kerf in the

base of the sled, stopping a couple of inches short of the back edge.

A bridge and fence complete the sled. These are both made of two layers of $\frac{3}{4}$ " plywood. After chamfering the ends of the bridge, it can be glued in place, roughly centered over the kerf you cut in the base (detail 'a'). Positioning the fence is a little more critical. Here, you want to make sure that the face of the fence is perfectly square to the kerf (and the blade of your saw). I used a square to position the fence while gluing it in place. When using the sled, just make sure not to raise the blade above the height of the bridge and fence.



Materials

Base (1)	20 $\frac{7}{8}$ x 27 - $\frac{3}{4}$ ply.
Runners (2)	$\frac{3}{8}$ x $\frac{3}{4}$ - 19 $\frac{3}{4}$
Bridge (1)	2 $\frac{1}{4}$ x 12 - 1 $\frac{1}{2}$ ply.
Fence (1)	2 $\frac{1}{4}$ - 27 - 1 $\frac{1}{2}$ ply.

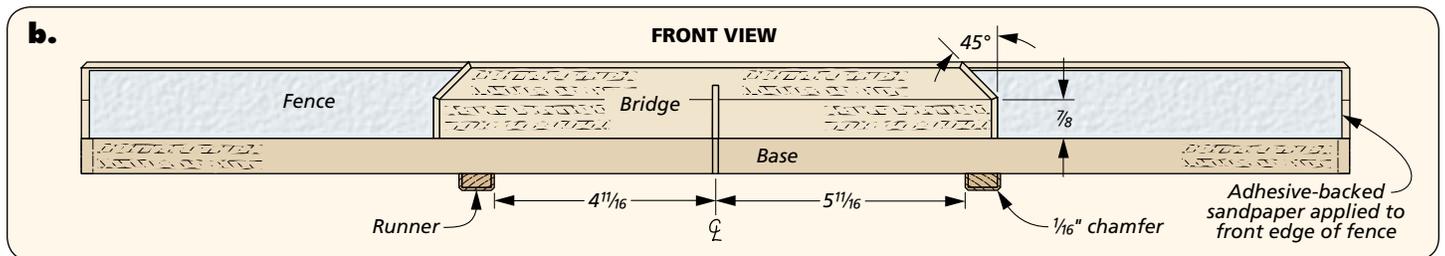
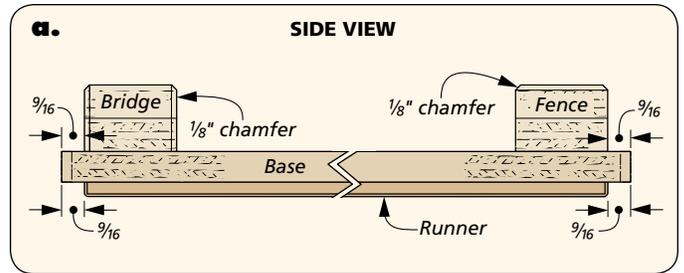
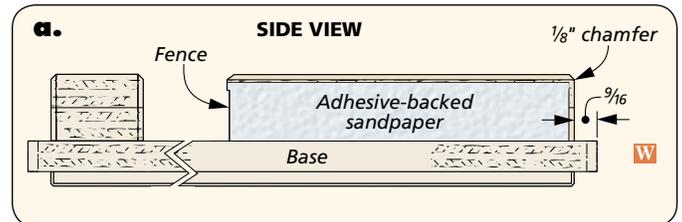
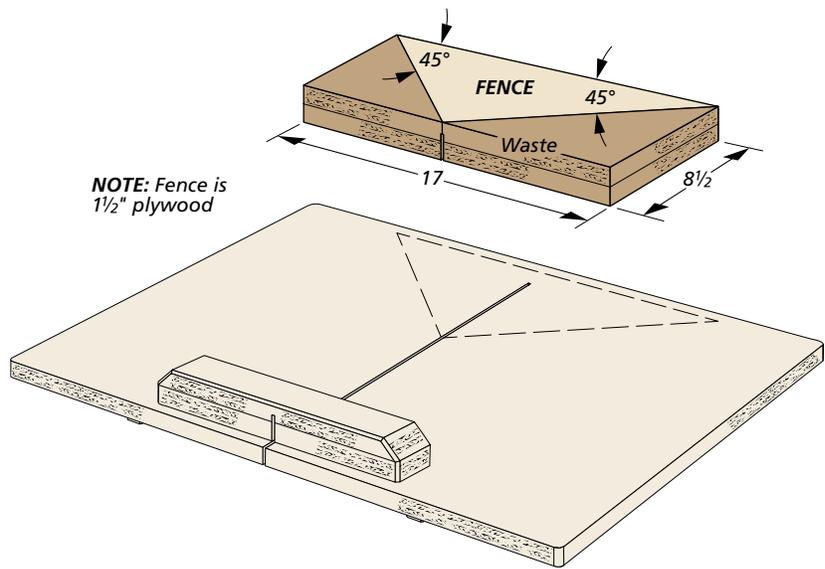


table saw Miter Sled

This table saw miter sled allows you to quickly cut perfect 45° miters on the ends of workpieces. It's designed to cut both left- and right-hand miters, and works great for making frames.

The miter sled is very similar in construction to the crosscut sled. In fact, the only real difference is in the fence. The fence is made out of two layers of $\frac{3}{4}$ " plywood. The ends of the fence are mitered at 45°, then it is carefully glued into place on the base. (I used a combination square to position the fence.) Again, when using the sled, just make sure not to raise the blade above the height of the bridge and fence. 

NOTE: Fence is $1\frac{1}{2}$ " plywood



Materials

Base (1)	20 $\frac{7}{8}$ x 27 - $\frac{3}{4}$ ply.
Runners (2)	$\frac{3}{8}$ x $\frac{3}{4}$ - 19 $\frac{3}{4}$
Bridge (1)	2 $\frac{1}{4}$ x 12 - 1 $\frac{1}{2}$ ply.
Fence (1)	8 $\frac{1}{2}$ x 17 - 1 $\frac{1}{2}$ ply.