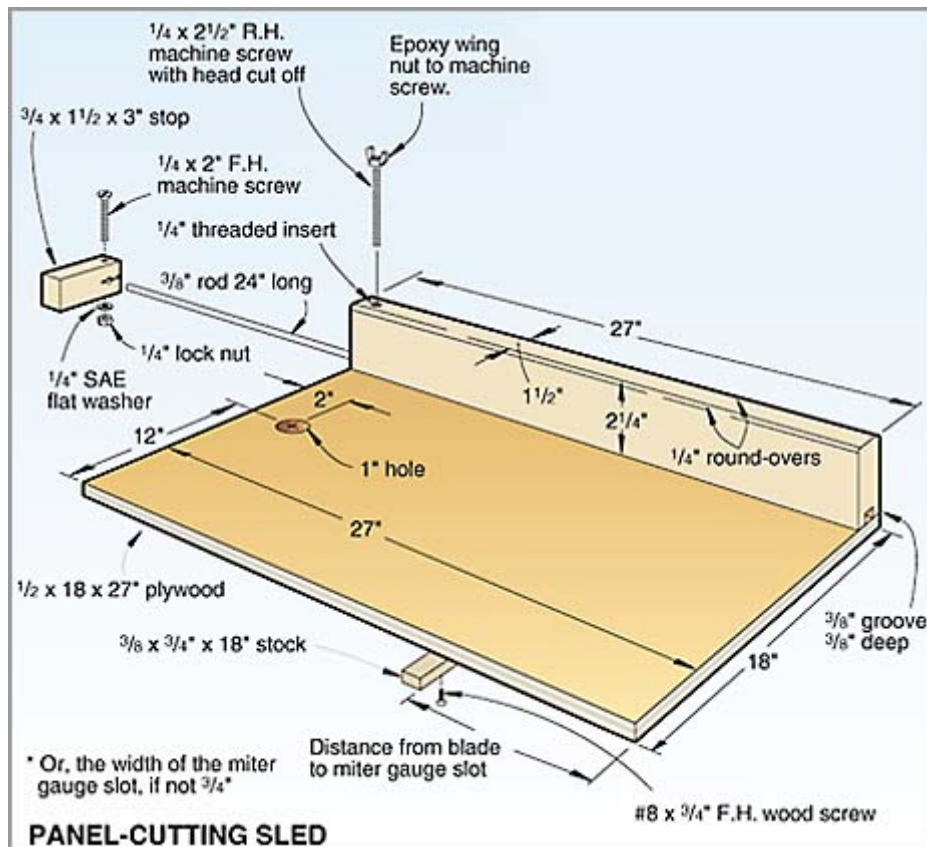


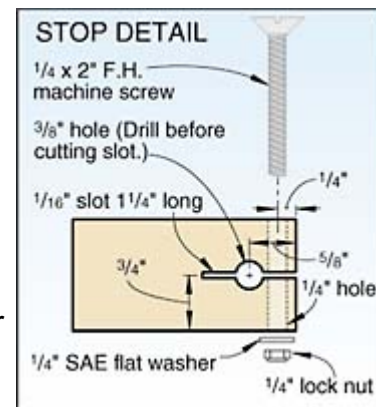
Split a hair and make it square with our Panel-Cutting Sled



When you use our panel-cutting sled, you'll never wonder if the corner you just cut is square. For hair-splitting accuracy, the beefy fence is fixed at 90° to the blade and shows exactly where your saw blade will cut. And, the fence-leading design holds wider work pieces more solidly and keeps your work closer than fence-trailing jigs.



Build the jig according to the drawing *above* and the Stop detail at *right*. We made ours from birch-veneer plywood with a solid poplar fence, but you could use any 1/2" plywood or medium-density fibreboard and a straight scrap of 2x4. Cut both pieces 1/8" longer than shown; you'll trim them to their exact length after you build the jig.



Before attaching the slot-slot bar, ensure the corner formed by the fence and the right edge of the sled is square. Make a mark 3" from the corner along one edge, and 4" along the perpendicular edge. Measure diagonally between the two marks. If the diagonal measures exactly 5", your corner is square. If it's more than 5", the angle is greater than 90°;

less than 5", and it's less than 90°.

Next, measure the distance between your table saw's blade and mitre slot and add 1/8". Using that measurement and a combination square, scribe a line on the bottom of the sled, measuring from the saw blade edge. Attach the mitre-slot bar along the scribed line.

With the sled's guide bar in your table saw's mitre-gauge slot, crank the saw blade up to full height. Run the sled through the blade, slicing off the extra 1/8" from both the base and the fence.

You now can cut with confidence by aligning the cut line on your work piece with the edge of the fence. For repetitive cuts less than 27", clamp a stop block to the fence. When cutting pieces up to 48", lock in the sled's built-in stop block.