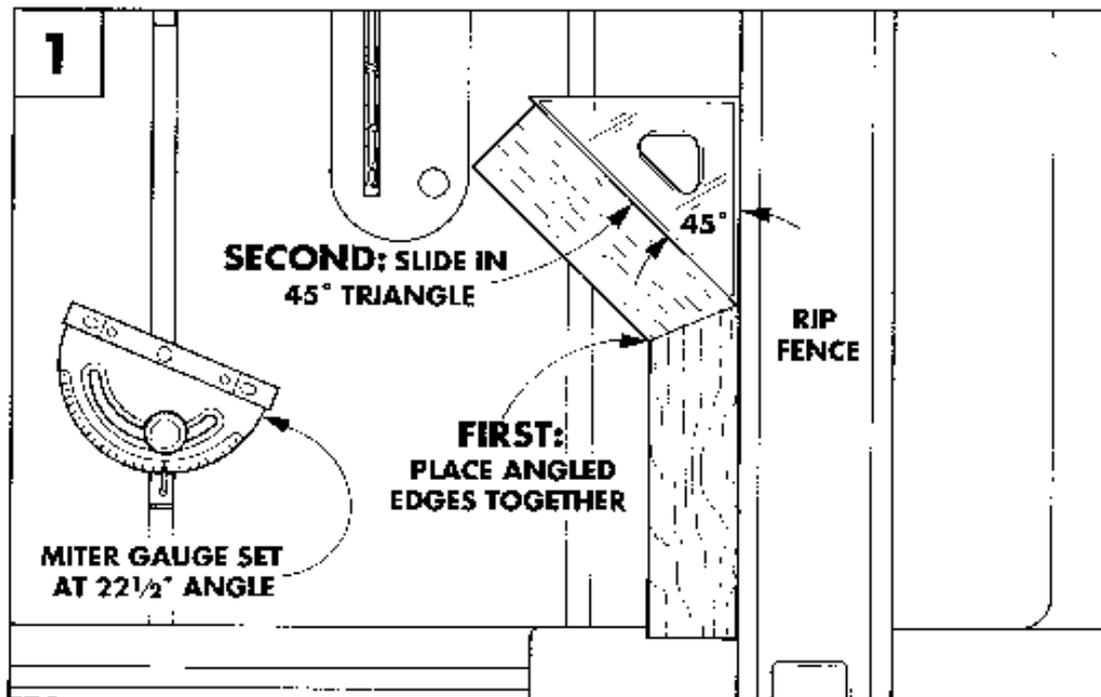


Checking 22½° Mitres



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I had a hard time setting the mitre gauge on my table saw to cut exactly 22½° when making metered cuts for an octagon. So I developed a system for using the rip fence and a plastic 45° drafting triangle to check the accuracy of the mitre gauge on test pieces.

Here's how. First, cut a piece of scrap in two at 22½°. Then, to check the angle, place the long side of one piece against the rip fence. Next, place the metered end of the second piece tightly against the metered end of the first, see Fig. 1. Now check the angle between the second piece and the rip fence with the plastic triangle. An accurate cut creates a 45° angle.