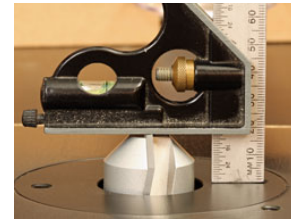




## Infinity Tools Lapped Miter Joint Bits

Note: For best results, use wood that is straight and consistent in thickness. Always use scrap wood of the same thickness as the project pieces for test cuts.

1. Install the small diameter bit and set its height to  $\frac{3}{4}$ " above the table. Set the fence so that less than  $\frac{1}{4}$ " of the bit is ahead of the fence faces. Take a light cut on the scrap and examine the cut edge. We are looking for a near knife edge at the miter point but must retain a narrow flat along that edge. Move the fence back slightly and recut the scrap.



When the mitered edge is reduced to a very narrow flat, lock the fence down and cut all of the project parts that need that profile.



2. Install the larger diameter bit and set its height to  $\frac{3}{4}$ ". Set the fence so that roughly  $\frac{1}{4}$ " of the bits cutting edge is ahead of the fence faces. As with the smaller bit, make test cuts and adjust the fence back until the miter edge nears a knife edge but has a very narrow flat along that edge.

If the test piece fits the previously cut edges cleanly, cut the remaining parts. If there is a gap between the tapered faces, the fence must be moved back slightly. If there is a gap at the square lap edge, the fence is too far back. Make small adjustments based on the size of the gap and cut a new test piece to confirm a proper fit before cutting the remaining project pieces.

