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Subject: Conical horn project

Posted by [PakProtector](#) on Sat, 31 Dec 2005 21:47:26 GMT

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Hey-Hey!!!,I have an 8-petal conical horn on paper for a pair of AlNiCo RCA compression drivers. 1-3/8" throat and 18" axial length on a 35-degree included angle. With the trapezoid petals cut to size, what would be the best way to get the 22.5-degree chamfer on the edges? Since I have little in the way of tools, I suspect that paying somebody might just be teh easiest. I have a router, and can get the 22.5-degree chamfer bit, but holding the work so as to reduce opportunity for a mistake is a bit of a task I think. Anybody feel like taking a shot? trade for \_\_\_\_? I have anything from tubes to amps to put on the block. Or if somebody shares some magic, I'd be off on my own. cheers, Douglas

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Subject: Re: Conical horn project

Posted by [Bill Epstein](#) on Sun, 01 Jan 2006 09:09:11 GMT

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Mount the router to a piece of plywood or MDF for a temp router table. Cut a jig with the 22.5 angle large enough to be stable as it moves along the table. Use double-face tape to hold the workpiece to the jig. Yup. It really works! Same can be done with the tablesaw up against the rip fence or build a cross-cut sled.

Cross Cut Sled

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Subject: Re: Conical horn project

Posted by [GarMan](#) on Thu, 05 Jan 2006 14:19:57 GMT

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If you have router with a 1/2" collet and a router table with fence, these router bits would be a great option. Not as cheap as a homemade jig, but hell of a lot easier. For your 8-sided horn, you want the middle one.gar.

Birds mouth router bits