Subject: Right About the Tweeters
Posted by FredT on Sun, 02 Jan 2005 21:08:15 GMT
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You are so right about finding the right tweeter. There are few tweeters that combine a reasonable price, good sound, 95dB or better sensitivity and the ability to cross over at about 2.5khz. The $22 Peerless tweeter is one of the cheapest but it sounds like most $20 tweeters, it's fairly directional, and it gives up at about 16khz. I also have a couple of the $14, 96dB MCM tweeters used in the Bottlehead Straight 8, but I didn't care for them too much in that speaker so I doubt I'll like them more in this one. Also, I suspect their resonant frequency is too high to cross over at 2.5khz. In the Straight 8 they are crossed over at about twice that frequency. The $50 Morel MDT-37 comes close with 93dB sensitivity, but a ten driver woofer array is a bit too sensitive for that. GR Researcg offers a $30 96dB dome that looks good on paper, but I haven't heard it. That's about the most I wanted to spend on tweeters for an economy array whose total cost is less than $400, but when Madisound offered a $60 closeout price on the Fountek ribbon I decided to break the piggy bank and go for it. I'll post some comments when I get around to building an appropriate crossover and try it in place of the Peerless tweeters.