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Posted by [Wayne Parham](#) on Wed, 20 Apr 2022 21:15:20 GMT

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I like to use 18mm and 19mm Baltic Birch for some cabinets, so I know what you mean.

For port sizes - length or diameter - consider acceptable tolerance to be +/- 1mm. For cabinet dimensions, tolerance is +/- 1.5mm. As long as you stay within that range, you're fine.

You can use a plastic port if you want. No problem at all. But you can certainly stack wood panels with one planed down to make overall thickness 63.5mm, which as I said, could actually be 62.5mm - 64.5mm.

Stack blocks on the baffle until you exceed 63.5mm, and then plane off the top block until the overall is 63.5mm. Then glue and clamp 'em and drill through that to make the port. I'd probably buy a 2-1/2" hole cutter to drill with, just to make that easy. You can find one online and have it shipped to you.

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