
Subject: Re: Another pi midhorn question.

Posted by [Wayne Parham](#) on Sat, 07 May 2005 17:52:14 GMT

[View Forum Message](#) <> [Reply to Message](#)

Overall, it's about eleven inches, depending on the thickness of the wood of the throat mount plate. Using a little trigonometry, you can find the length you're looking for using the formula $\text{length} = \cos 45^\circ (14.5")$, about 0.707 times the length of the side 14.5", or approximately 10.25". If you use these figures, the mouth will actually be a little larger than 12" x 24", which is just fine.
