Subject: Cutting a circle
Posted by Tom Flahavan on Mon, 03 May 2004 17:48:24 GMT
View Forum Message <> Reply to Message

I am building studio towers. I need a tip on cutting out the 9 1/8 inch circle. How do you make it perfect? I am useing a hole saw for the 2 3/4 and the 4 1/2 inch cuts. Any tricks out there?

Subject: Re: Cutting a circle
Posted by Wayne Parham on Mon, 03 May 2004 18:30:30 GMT
View Forum Message <> Reply to Message

Use a hole cutter like this:Tool shops have 'em in various sizes, so you can probably find one locally. But it is sometimes hard to find cutters that go bigger than 8". Many of them use a sling blade, and I like that approach but you don't find those going very large. Click on the photo above and you can buy a tool that cuts holes up to 12" for sixty bucks.

Subject: Re: Jasper Jig
Posted by Matts on Mon, 03 May 2004 20:41:36 GMT
View Forum Message <> Reply to Message

If you have a router, get a Jasper Jig- it will cut perfect circles easily. Totally accurate and very easy to use. They sell them at Parts Express and buches of other places.

Subject: Re: Cutting a circle
Posted by Tightwad on Mon, 03 May 2004 21:26:39 GMT
View Forum Message <> Reply to Message

Carefully mark the circle.Use a jigsaw, but err a bit on the inside.Use a rasp to get the rest.

Subject: Re: Fer a buck 2 skeventy-eight you can buy.....
Posted by BillEpstein on Tue, 04 May 2004 01:13:19 GMT
View Forum Message <> Reply to Message

.....a scrap piece of 1/4" plywood and a nail.That plastic or phenolic or whatever base on your router is designed to be removable.Take it off, copy the screw hole placement onto the 15 or 20 inch long piece of plywood by wide enough to hold the screws for the base. Use your 2 1/2" hole saw to make the hole for the router bit and attach the plywood (it is now officially called a Trammel) to the router.Draw the circle with a compass. Put the outside edge of the cutting bit on the circle and find the center, mark it on the trammel and push a nail through the trammel and into the center hole. Push, plunge or whatveer the router into the wood, rotate.Or do what I did, as per Wayne's advice, having made too many trammels over the years I got lazy and bought the Jasper.

Subject: Re: Cutting a circle
Posted by jeffh on Tue, 04 May 2004 18:25:54 GMT
View Forum Message <> Reply to Message

A router and circle jig is the best way. However, I now a good router will cost at least $100 and then $20+ for a circle jig. See my attached link to see my router, Jasper jig and homemade jig. I have attached a link to a subwoofer that I built. Just go to page 3 and you'll see the jigs.http://europa70.tripod.com/diy_sonosub001.htm

---

Subject: Re: Cutting a circle
Posted by Adrian Mack on Sat, 08 May 2004 13:35:03 GMT
View Forum Message <> Reply to Message

Of course you can use a router as some have suggested, but unless your flush mounting the drivers where you need to make a rebate, then a jigsaw will work fine. Mark the hole out with a compass and pencil, and cut it out with a jigsaw - since the driver mounts from the front, you cant see if the hole is slightly imperfect and it wont affect anything if it is, you'll be cutting right on the line anyway. Jigsaws in Australia cost as little as AU$20, so I'd guess thats about US$17. You dont need a fancy one, the cheapest one available will work.
