Subject: Back to square one, so to speak
Posted by lon on Sun, 29 Aug 2004 19:42:39 GMT
View Forum Message <> Reply to Message

I noticed I had this huge problem getting my rotozip toolcircle cutter to make a cutout the same size... ever. The centering pin might be loosening up as I work the device.Other problem is I am using the smallest diameter the circlemaker has, so I can't simply set it lower. The centering pin is this big fat sloppy thing. I'dbe better off to use one odf those $6 attachments for a jig saw, but again, I'm trying to use the smallestdimension for 4" drivers in an array project. I don't know if there's any help for this or not (?)In any case, the box of 50 cent speaks I got on closeoutdoes not suggest any new tool purchases right now... notuntil Sir Fitz gets his line array published. :-)

Subject: Re: Back to square one, so to speak
Posted by Bill Fitzmaurice on Mon, 30 Aug 2004 11:16:22 GMT
View Forum Message <> Reply to Message

I do all my holes up to 4 inches with good quality (Greenlee,Lenox) holesaws. The expense is well worth the reduction in frustration levels.

Subject: Re: Back to square one, so to speak
Posted by lon on Mon, 30 Aug 2004 14:43:56 GMT
View Forum Message <> Reply to Message

Hi Bill, Yes there is a lot of frustration with the variancein cutouts doing it with hand tools. I have used a 3" hole saw. Any problems handlinga 4" hole saw in a standard hand drill without havingforearms like Popeye the Sailor? ;-) Are there any speed and power issues? Anyway, right now I am still making a sample buildof a line array with 50 cent speaks and scraps. Foaminsulation used to gasket the mounting fills in the gaps for now. Is chamfering the backside of the cutout part ofyour technique for the line array? (Maybe should take thisinto the line array forum.) I am learning how to do parallel hookup with thesewith alligator clip leads: plus to plus and minus to minus.

Subject: Re: Back to square one, so to speak
Posted by Bill Fitzmaurice on Mon, 30 Aug 2004 15:48:36 GMT
View Forum Message <> Reply to Message

I use holesaws with a drill press whenever possible; they are tricky with hand held drills. With a

hand held I use a heavy duty 1/2" drill at 800-1000 RPM with the workpiece clamped to the workbench. I did use a 1/2" radius quarter round router bit to chamfer the inner side of the mounting holes to allow me to get in there with a tube of silicone sealeant to seal the drivers to the baffle.

Subject: Re: Back to square one, so to speak
Posted by colinhester on Mon, 30 Aug 2004 18:48:02 GMT
View Forum Message <> Reply to Message

Again, Check out Harbor Freight (http://www.harborfreight.com/cpi/ctaf/Displayitem.taf?itemnumber=44506) for a pretty inexpensive drill press. If there's one in your area, be sure to sign up on line for discount coupons (5% for $50 and 10% over $100.) Also, I would check out the local paper for deals or garage sales. Drill presses are pretty easy to come by, and I think it would save you a world of frustration.....Colin

---

Subject: Re: Hey Bill, can you just cut a slot?
Posted by The Auntie-Polly on Mon, 30 Aug 2004 21:32:20 GMT
View Forum Message <> Reply to Message

Would cutting a 4" slot and placing the drivers right next to each other work? Or do they have to have some distance between them?

Subject: Re: Back to square one, so to speak
Posted by wunhuanglo on Tue, 31 Aug 2004 00:33:18 GMT
View Forum Message <> Reply to Message

I saw a guy jam a Milwaukee 1/2" right angle drill (mine) with a 4-1/2" hole saw one time - broke his arm.

Subject: Re: Back to square one, so to speak
Posted by lon on Tue, 31 Aug 2004 02:36:43 GMT
View Forum Message <> Reply to Message

So he used one of those cement drills that looks likea jackhammer? All I have is a Craftmen hand drill of modest size...got it used, not sure what it's HP is or anything.

Subject: Re: Hey Bill, can you just cut a slot?
Posted by Bill Fitzmaurice on Tue, 31 Aug 2004 11:24:52 GMT
View Forum Message <> Reply to Message

A slot is acoustically better than holes since it minimizes the distance between the drivers; the trick would lie in making the whole thing airtight. Also, a straight slot could cause problems with the mounting screws depending on the particular driver frame configuration. I went with holes to maintain structural integrity and keep things simple.

Subject: Re: Back to square one, so to speak
Posted by Jeff Robinson on Wed, 01 Sep 2004 13:23:11 GMT
View Forum Message <> Reply to Message

I hope it's better than it's predecessor (model 7242). I bought one and consider it a toy grade machine. The motor burned out after cutting about 20 3.5" holes (I set the spindle speed to the correct RPM for each hole saw size I used). I now have a much better unit from Ryobi, #WDP1850. It's also rated at 1/3 Hp but the motor is about 4 times the size of the (alleged) 1/3 Hp Chinese motor on the Central Machinery (Harbor Freight) unit.good luckJeff
The item in question

Subject: Re: Back to square one, so to speak
Posted by colinhester on Wed, 01 Sep 2004 14:15:40 GMT
View Forum Message <> Reply to Message

Yeah, that would be the one. Disregard HF rec. SorryThanks for pointing out the Ryobi products. Ryobi is making a very nice line of home workshop tools now. They run $100 for each tool (drill press, band saw, drum sander.) I've seen nothing but positive reviews on these. I would, however, avoid Ryobi's lower end table saw. I have the BST-10 and it's pretty much useless.....Colin

---

Subject: Confucious say you get what you pay for...

Posted by Bill Fitzmaurice on Thu, 02 Sep 2004 11:41:57 GMT
View Forum Message <> Reply to Message

and he was right. When it come to drill presses what you most want to consider,though, is the distance from the spindle to the vertical rail. The smallest presses will allow you to drill on-center only six inches from the workpiece edge; you're better off to spend another 30 bucks or so to have a decent size throat opening. Ryobi does make very good stuff for the money, but when it comes to table saws on the cheap it's tough to beat Sears, especially when on sale, which they usually are.

Subject: Milwaukee drill
Posted by wunhuanglo on Fri, 03 Sep 2004 00:43:30 GMT
View Forum Message <> Reply to Message

see below.
http://www.amazon.com/exec/obidos/tg/detail/-/B0000223HJ/qid=1094175870/br=1-16/ref=br_lf_hi_16//102-7506286-9224154?v=glance&s=hi&n=228404

Subject: Re: Milwaukee drill
Posted by Bill Martinelli on Fri, 03 Sep 2004 04:18:11 GMT
View Forum Message <> Reply to Message

I've always enjoyed those intimate times where the drill motor has your hand pinned against a joist and it's difficult to release the trigger.....When you think about it. The mighty right anglers are made to drill in hard to get at areas, you aren't supposed to be there!

Subject: Re: Milwaukee drill and better alternatives
Posted by lon on Fri, 03 Sep 2004 19:32:37 GMT
View Forum Message <> Reply to Message

It's more iron than I could deal with. Besides, using holesaws that I have (up to 3") it looks like using one of thesehigh power, high torque tools would prevent a reasonableamount of 'nibble control' afforded by straight vertical toolsetup. If the actuall cutout size is listed at 3 11/16, thenwhich of the hole saws would be the correct one to get? I have noted that if the hole saw is listed at 3", then3" will be the final cutout. Measuring the hole saw itselfshows that the units are made to account for kerf removal.