

Wooden Cell Phone Speakers

Known for our focus on students -- and our innovative and collaborative nature - Medicine Hat College proudly serves over 6,000 learners each year. We are committed to the communities of southeast Alberta, yet mindful of global opportunities.



What's Included

- 10 x front, middle and back pieces
- Jig
- Drilling Template
- Dowels
- Wood Glue
- 10 Safety Glasses
- 10 Gloves
- 15/64 Drill Bit
- 4 Sanding Blocks

What You Will Need

- Drill Press OR
- Power Drill & Clamps
- Flush Cut Saw

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THE PROCESS

Mobile Phone Amplifier

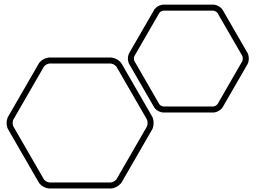
MEDICINE HAT COLLEGE
Provincial Skills
2020/21





STEP 1:

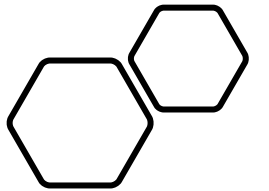
Put 15/64 bit in drill press chuck and tighten. Adjust table so there is 2-2 ½" clearance to bit





STEP 2:

Stack the three parts in order.





STEP 3:

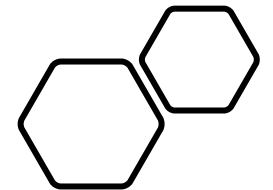
- Flip top piece over (logo side down) and place in jig.
- Flip and place remaining pieces in jig one on top of the other.





STEP 4:

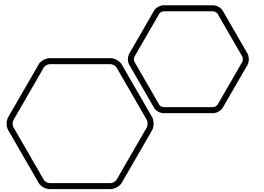
Set drilling template on top and trace holes then remove drilling template.





STEP 5:

- Set jig on drill press table and lower bit until it touches top surface of the jig.
- Adjust depth gauge and tighten both nuts to secure.





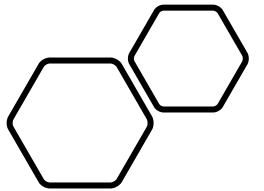
STEP 6:

- Line the first mark up with the drill bit and drill hole.
- Raise and lower the drill bit a couple of times as you are drilling to clear the flutes.
- ***Repeat with second hole.***



STEP 7:

Make sure the parts are free of debris and dust.





STEP 8:

- Put a small amount of glue around the holes on the back of the top piece (with the logo).
- Set the middle piece on top and rub back and forth to spread glue.
- ***Repeat steps to glue back piece.***



STEP 9:

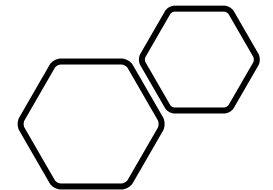
Set the three pieces back in the jig and gently hammer the dowels into place.

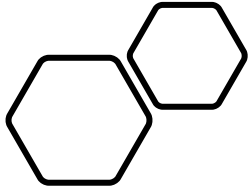


STEP 10:

Using the flush cut saw trim the dowels.

NOTE: *"This side up" on saw*





STEP 11:

Lightly sand back and edges with 120 grid sandpaper.

... and DONE!

