“Geometry” design cutting board plans

Hello.

If you want to make this board you first need proper materials.

Plans call for lumber 50mm (2”) thick.

This cutting board is made out of: Iroko, Maple, and Ash.

You can choose your own kind of wood as long there is difference in color and you follow this plans you will get the board as seen on the picture.

Size your wood aprox. 55 cm (21 5/8”) in length while is still rough.

Plane and square all your wood and leave it rest at least overnight (Important)

Make sure that you get at least 45mm (1 ¾”) thickness.

To cut more easily 45 degree pieces is recommended to have wider lumber. I found that the easiest way for me was to have wood for 45 degree pieces minimal 15cm (5 7/8”) wide.

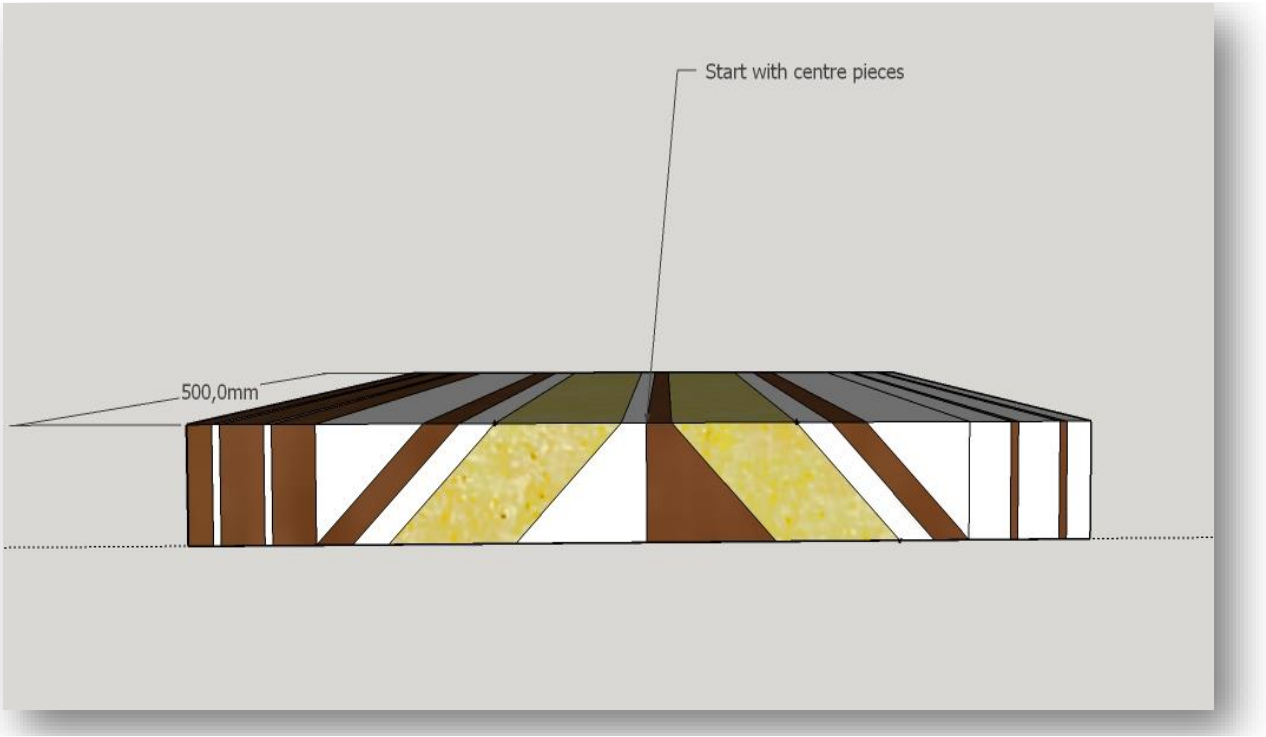
You need (depending of your saw kerf)

minimal 15cm (5 7/8”) wide piece of iroko

minimal 20 cm (7 7/8”) wide maple

minimal 15 cm (5 7/8”) wide ash.

Know your kerf than tilt the blade and set your fence to start cutting at 45 degree.

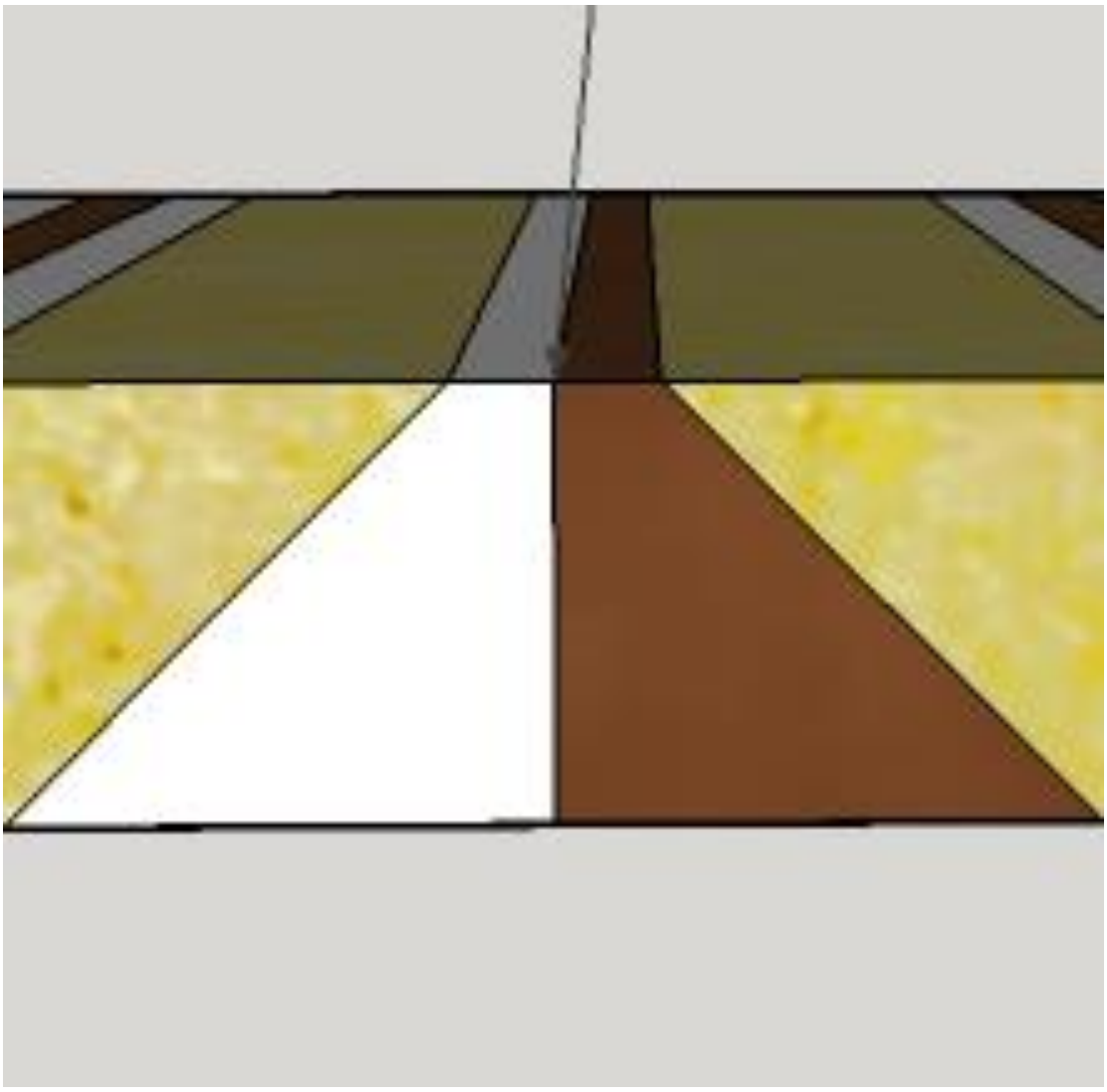


In above image 500 mm is just slightly more than 19 ½”

Cut both maple and iroko in that way that you get one edge exactly at 45 degree with minimal waste. Turn your wood so the beveled side is in facing fence.

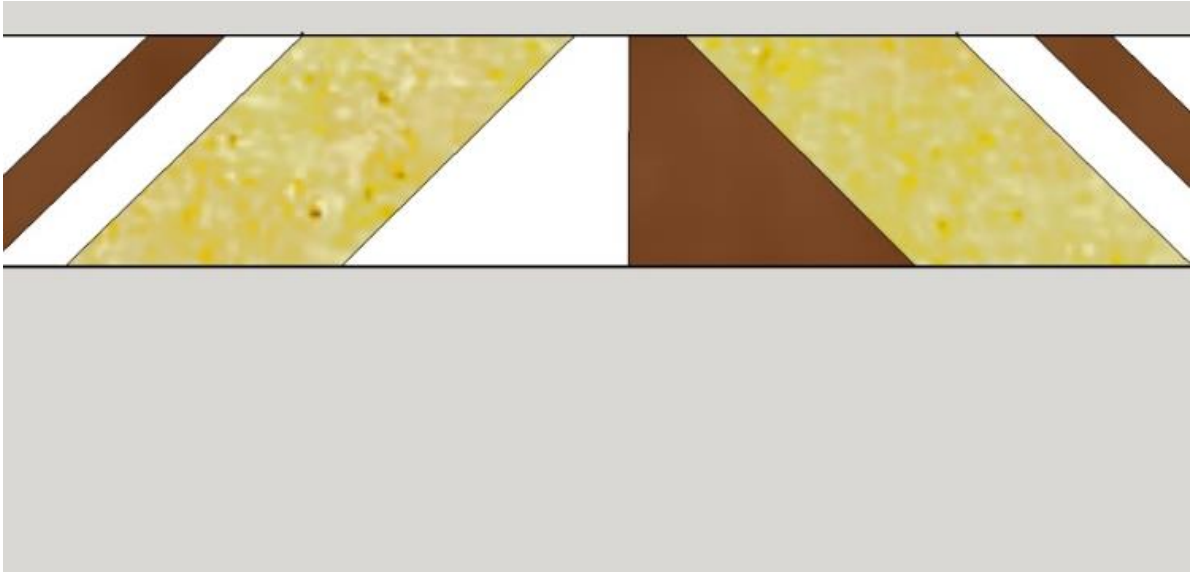
Set fence at 52mm (2”) from the blade and cut both pieces.

Now you should get two exact pieces which are the centre pattern.



Now at the same 45 degree angle cut ash 4 cm (1 9/16”) wide.

You must end up with 4 cm (1 9/16”) wide pieces and beveled on the both sides. Your board should now look like this.



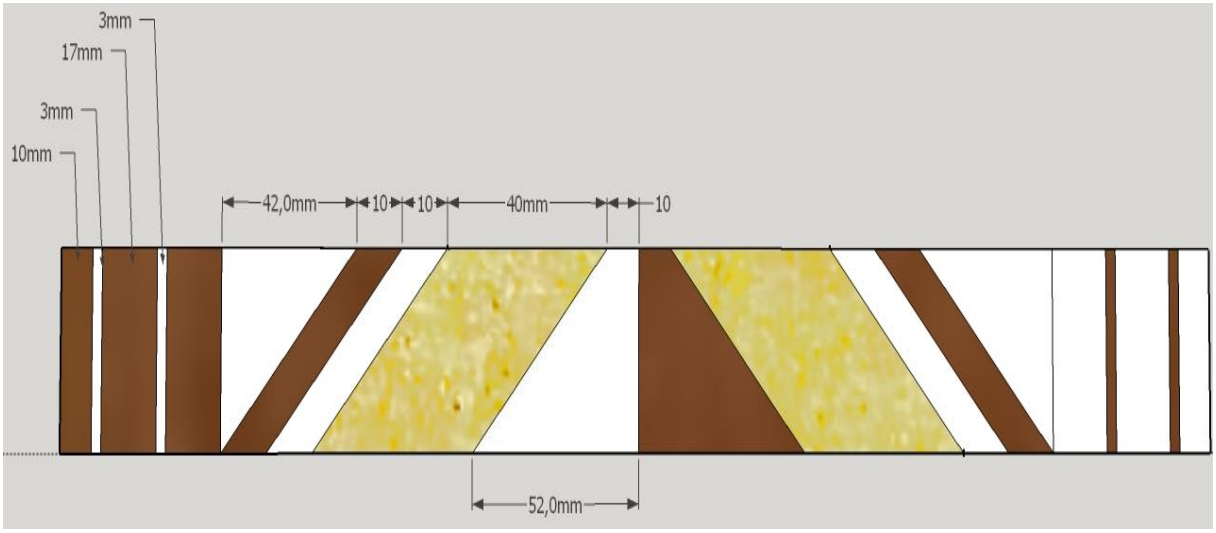
The same procedure goes for all beveled pieces, just make sure that you get proper thickness of each piece.

The KEY is that all pieces on the left side from the centre and the right side are exactly the same dimensions.

The picture below is all you need to make this board.

Just follow the sketch and that’s it.

If there is a 1-3mm (1/32” – 1/8”) difference in size on your pieces as long they match other side, don't worry your board can be even more awesome!



10mm is ~ 3/8”

3mm is ~ 1/8”

17mm is ~ 5/8”

42mm is ~1 5/8”

40mm is ~ 1 9/16”

52mm is ~ 2”

When gluing all the pieces together, place some wood on top and bottom and clamp it together firmly.

To prevent beveled edges slip out.

When you flatten all glued pieces, crosscut them to 43mm (~1 5/8”)

and if you follow plans correctly you’ll end up with 12 pieces.

Then turn every second piece for 180 degree and that’s it.

Please check out my video to catch some tips how I did it.

If you have any questions and you need any help please feel free to contact me.

On my channel: Slowenian woodworker

FB: uwood-arts

Or my email: usmrdel@gmail.com

I’m expecting to see your finished boards ;)