





BUICK SEDAN

Woodworking with machines and also hand tools **can be dangerous**. Don't start this project without an advanced knowledge about woodworking and (power) tools.

You can make this project with different woodworking machines, but in my opinion you need a saw (I prefer a band saw), a (small) jointer, sanding machine (one type of), a (small) router and a drill press. However there are a lot of ways on how to make this model, there are builders which prefer hand tools and I have seen beautiful examples.

All the parts (template drawings) in this pattern are drawn in a full scale. Sometimes a situation view has a 1:2 scale. There are 13 chapters. You don't necessarily need to start with chapter 1 if you feel like another chapter is more suitable to start with. You can make your own wheels, but if you prefer feel free to buy them. Feel free to make extra parts or to remove them. It makes it more personal.

Besides the pattern itself there is also:

1. A set of templates in a full scale
2. A 3D model on the internet which you can view, measure, rotate and even more, look at <https://a360.co/2Dm925j> It isn't necessary (and also impossible) to download this 3D model
3. A blog about "How to" on the Lumberjocks forum. You can find a link to this forum on my internet site <https://dutchypatterns.com/>

We recommend you to use Acrobat Reader for printing as we have experienced scaling issues with other PDF readers. Make sure to disable Scale to Fit and print at 100% scale for the prints to be exactly the right dimensions. Every template page includes a scale in both metric and imperial units for you to verify that the print has been printed correctly.

It isn't necessary to print all the pages, however It is recommended to print at least the templates. Working with the templates makes measuring to a minimum particularly for those who are common to work with the imperial system.

Use PVAc wood glue and/or super glue (cyanoacrylate)

Small dowels of 2 mm are toothpicks. You can however also use smaller toothpicks, but be aware to make a corresponding hole.

All drawing sizes are in metric. This means that also the holes are in metric. You can however use imperial sized drill bits and dowels.

- Use a **3/32"** drill bit/dowel (2.38 mm) where a **2.5 mm** hole is drawn.
- Use a **1/8"** drill bit/dowel (3.17 mm) where a **3 mm** hole is drawn.
- Use a **5/32"** drill bit/dowel (3.96 mm) where a **4 mm** hole is drawn.
- Use a **3/16"** drill bit/dowel (4.76 mm) where a **5 mm** hole is drawn.
- Use a **1/4"** drill bit/dowel (6.35 mm) where a **6 mm** hole is drawn.
- Use a **5/16"** drill bit/dowel (7.94 mm) where a **8 mm** hole is drawn.
- Use a **1 1/4"** drill bit (31.75 mm) where a **30 mm** hole is drawn.
- Use a **1 1/2"** drill bit (38.1 mm) where a **40 mm** hole is drawn.
- Use a **2** drill bit (50.8 mm) where a **50 mm** hole is drawn.

When you are using the templates and glue them (with spray glue or a glue stick) on the wood, almost no measuring is needed!

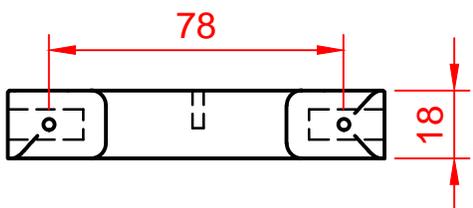
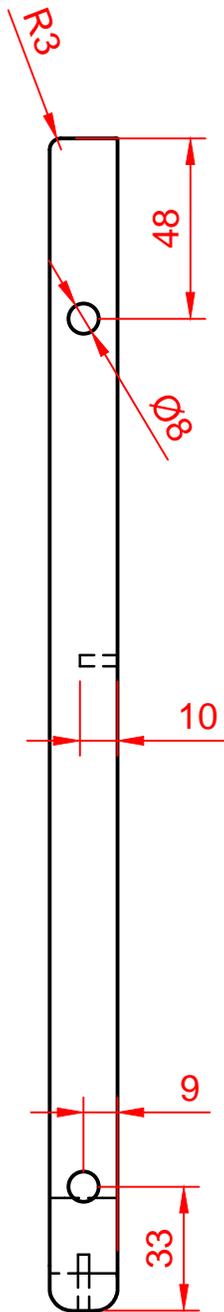
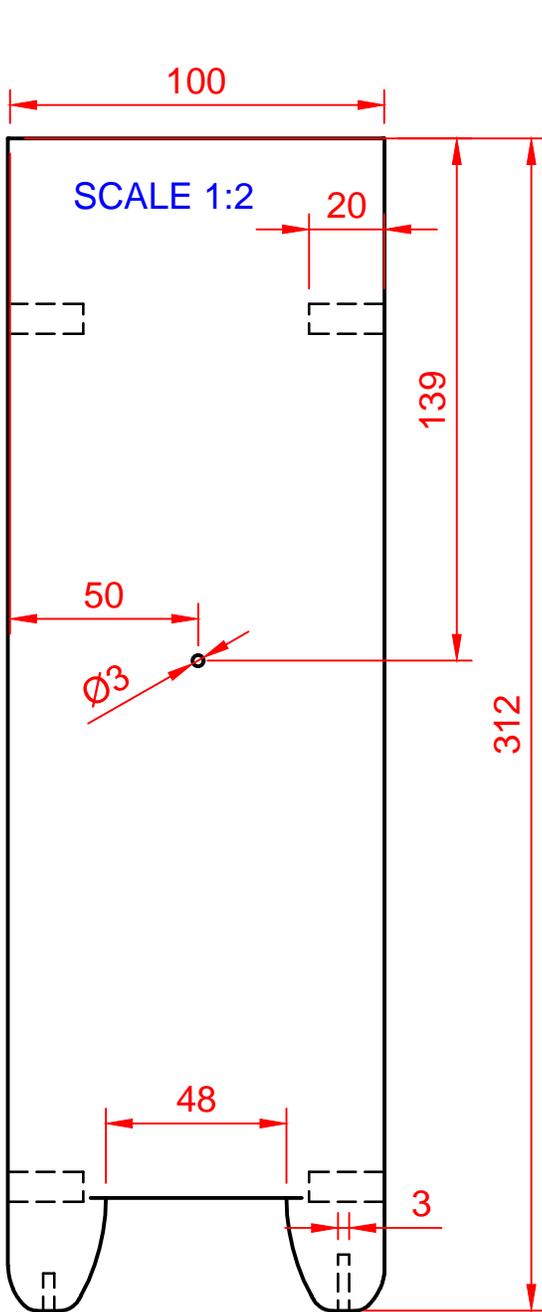
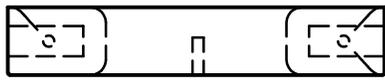
When you see shortcomings please send me an email (dutchypatterns@gmail.com) so I may improve the pattern. A response is appreciated.

Enjoy building.

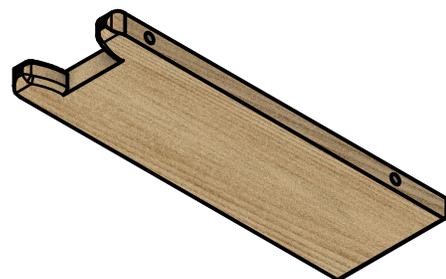
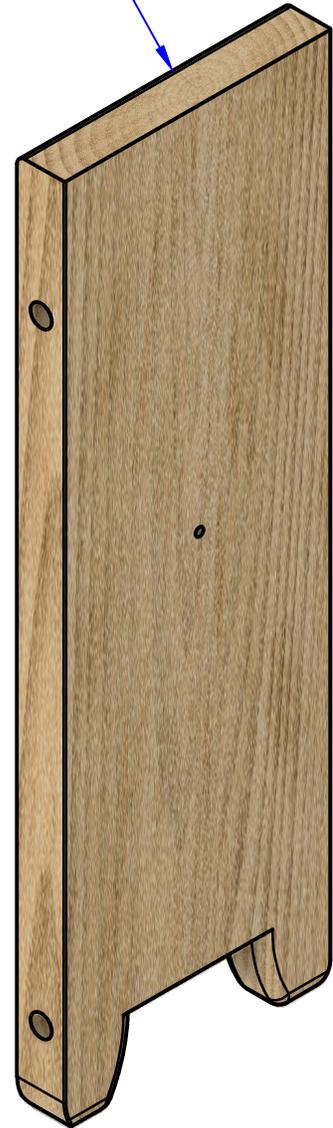
Dutchy

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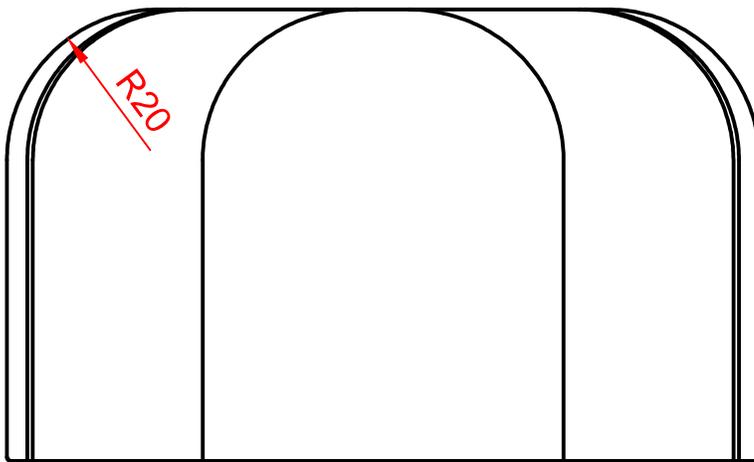
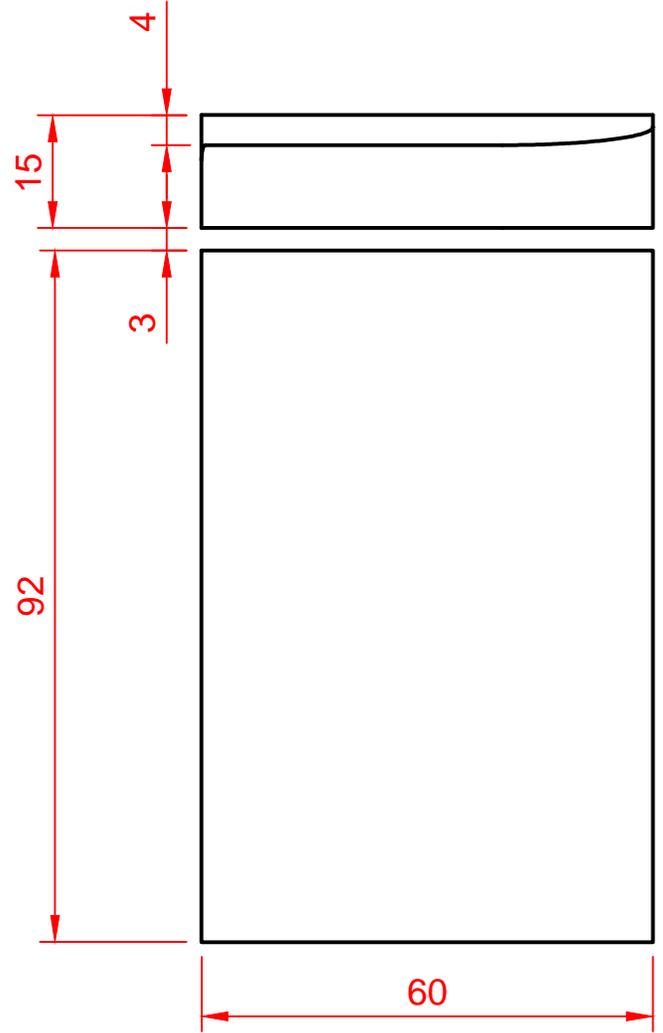
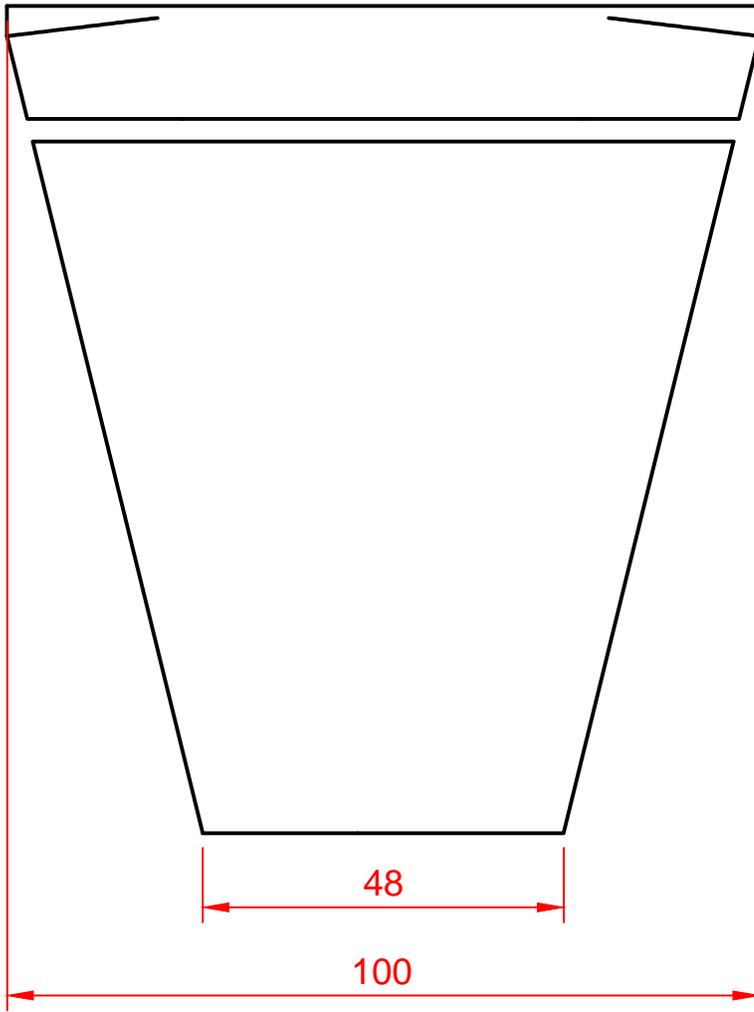
1 BOTTOM



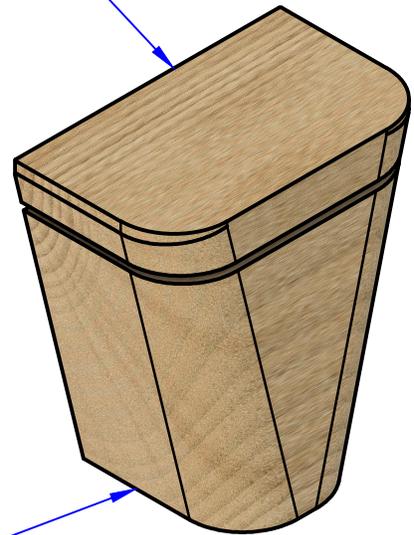
1A



2 ENGINE



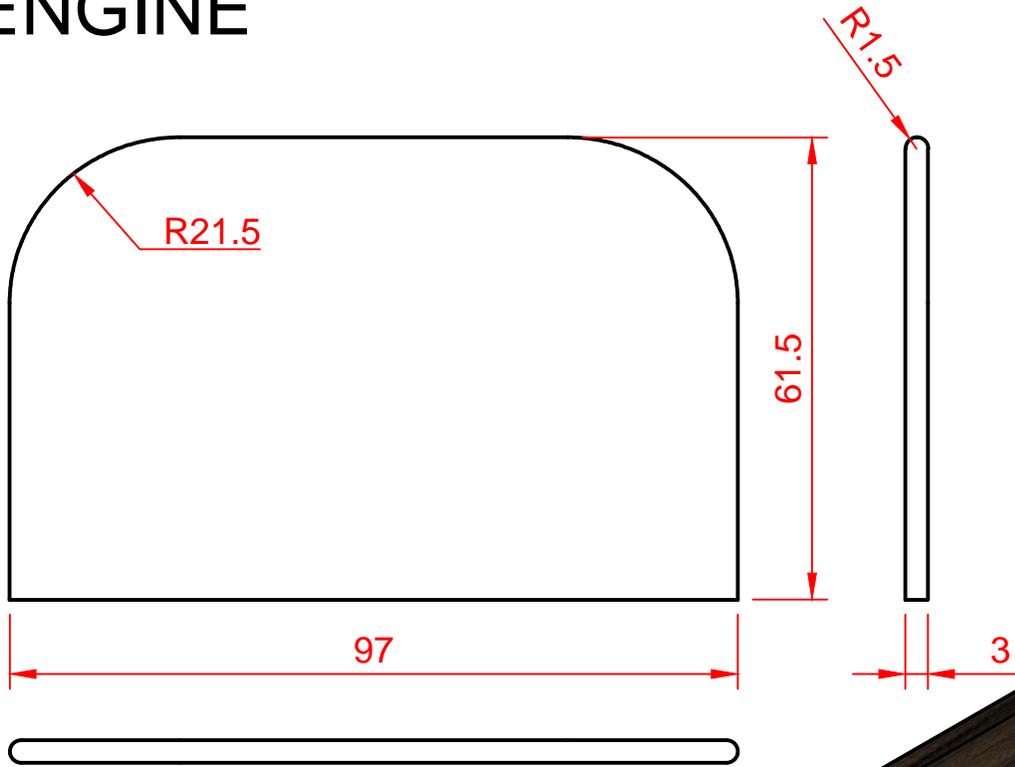
2B



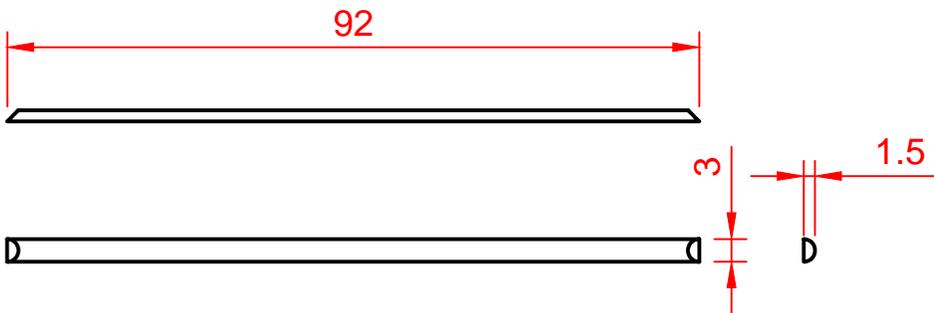
2A



2 ENGINE

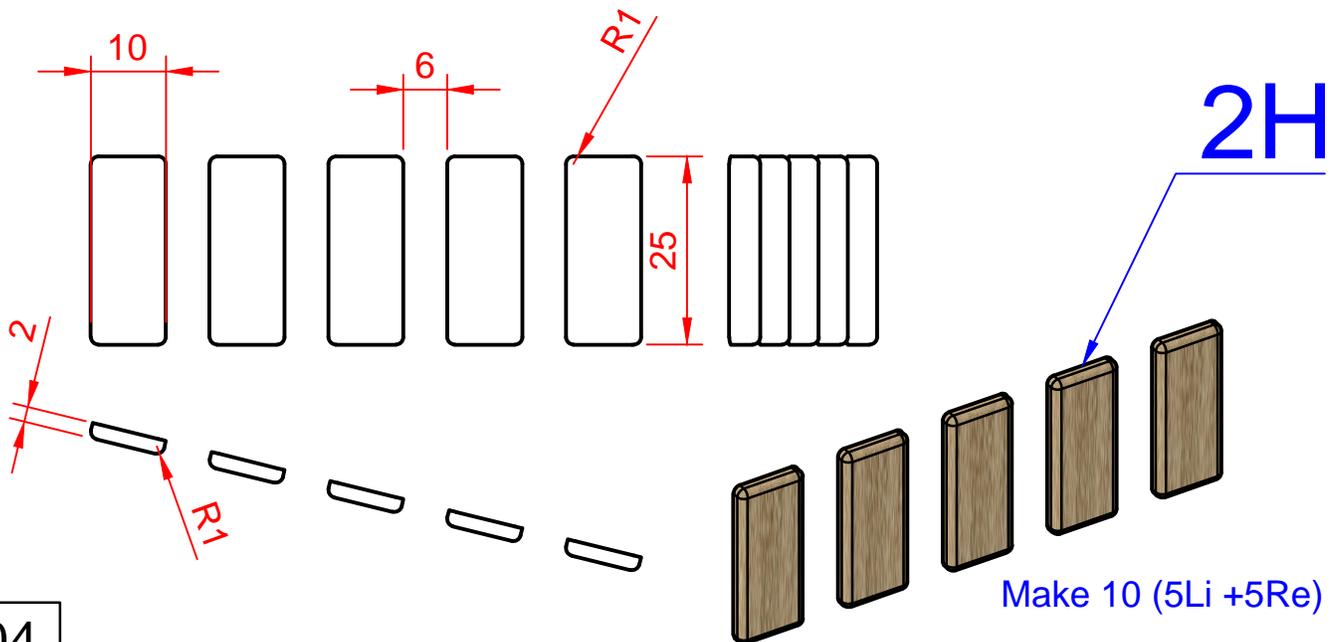
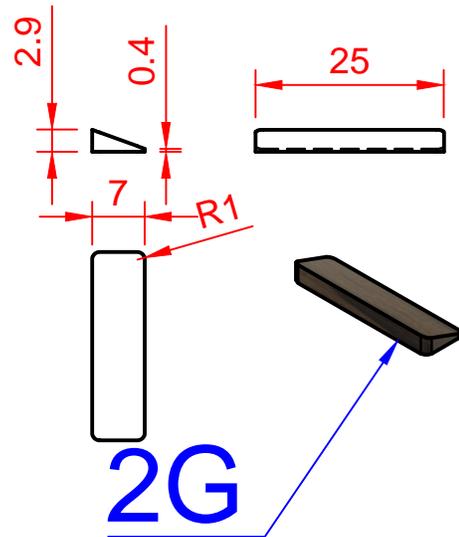
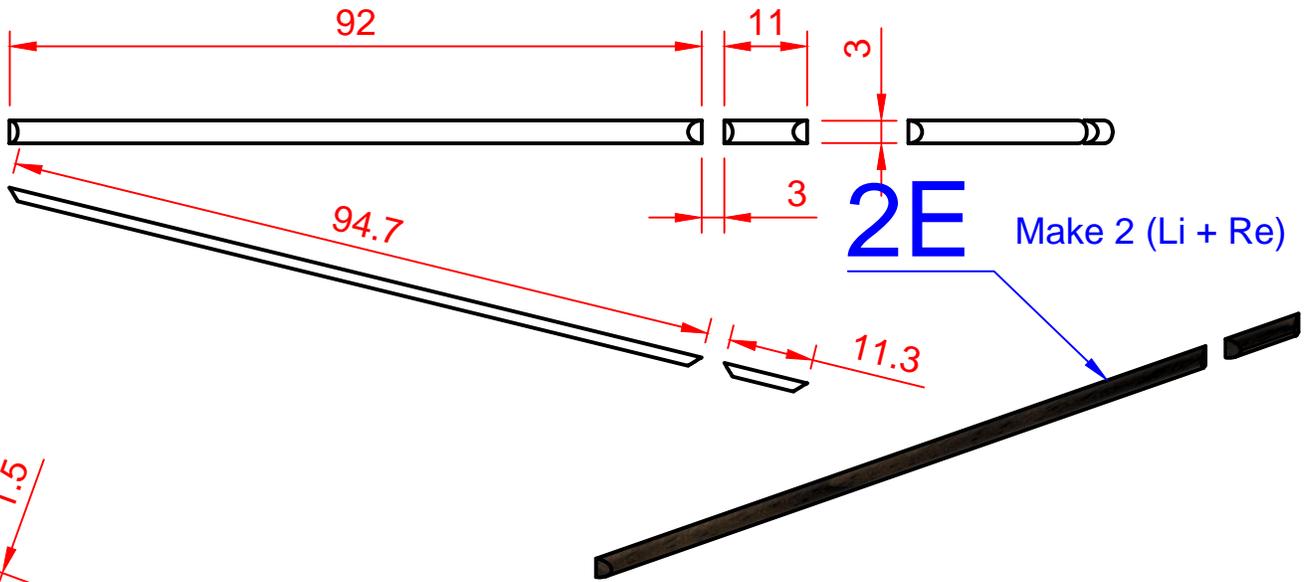


2C

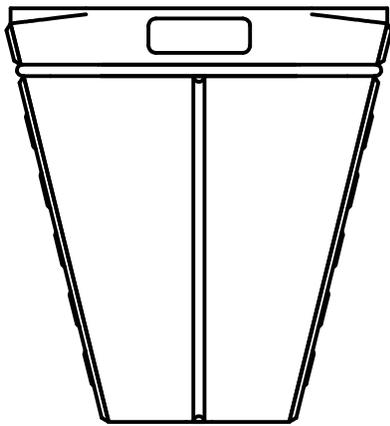
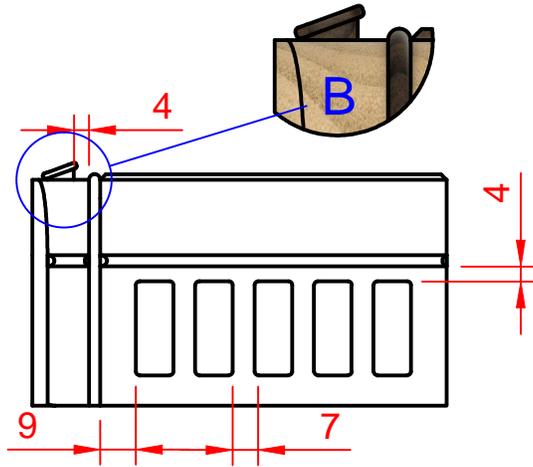
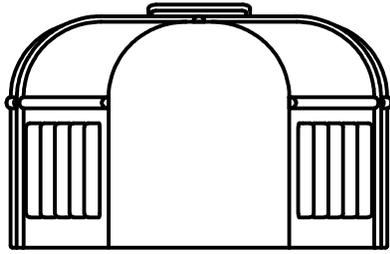


2D

2 ENGINE



ASSEMBLE VIEW



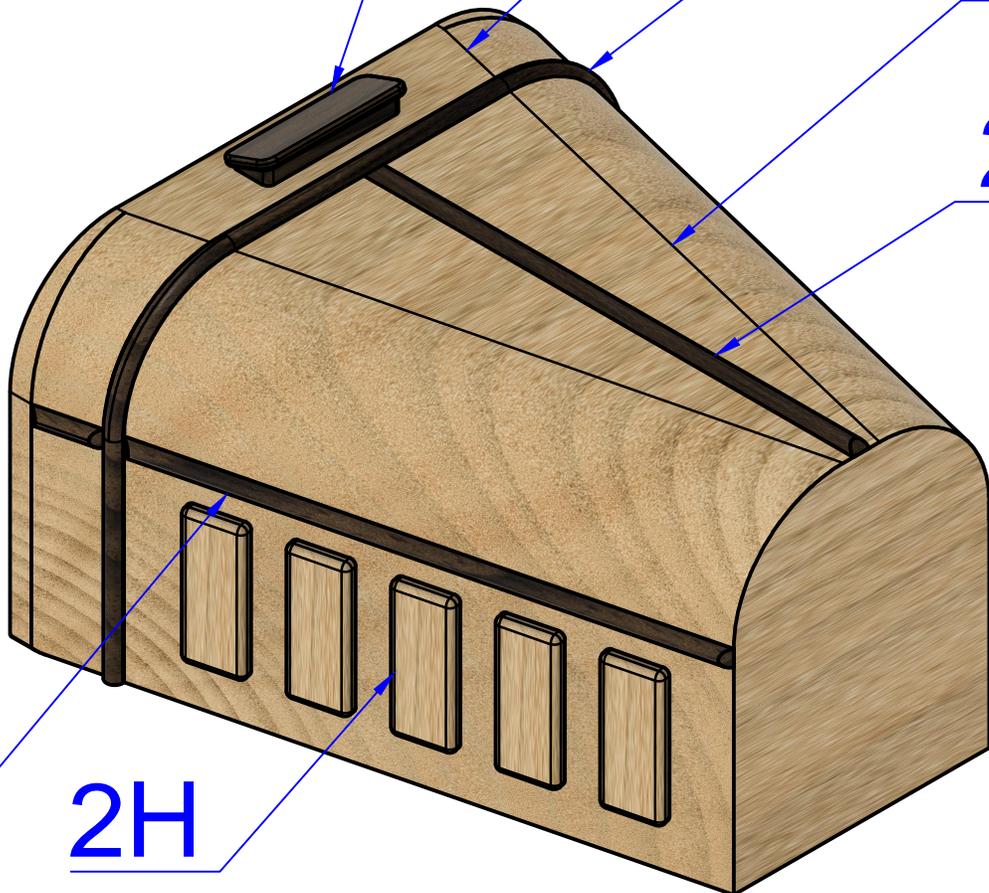
2F+G **2B** **2C**

2A

2D

2E

2H



4D 1.5

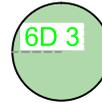
10F 1.5



Explanation of template number

10D 2 10D 2 10D 2
Chapter Part number Wood thickness

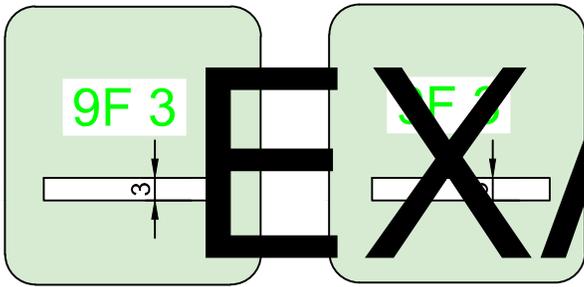
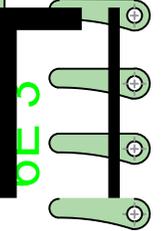
2F 1.5



TEMPLATE



2G 3



EXAMPLE

