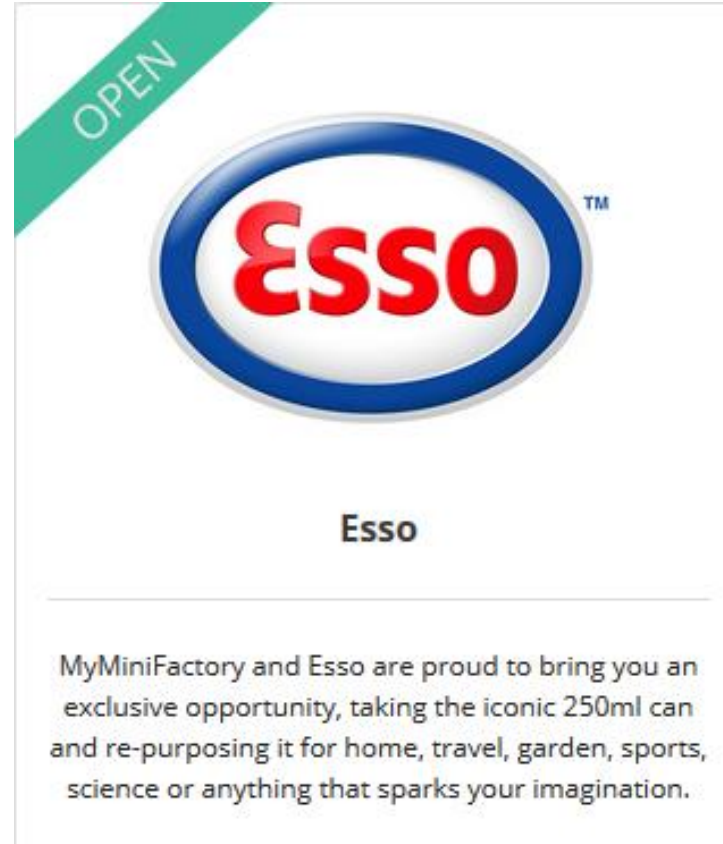


Garden House for auxiliary insects

[Link to the contest](#)



Garden House for auxiliary insects

Designer Ressources:

In order to reduce the quantity of printed parts, I decided to create one common plate for the bottom and the top of the can.
But I was fronted with an issue with the size of the can proposed by the contest designer resources.

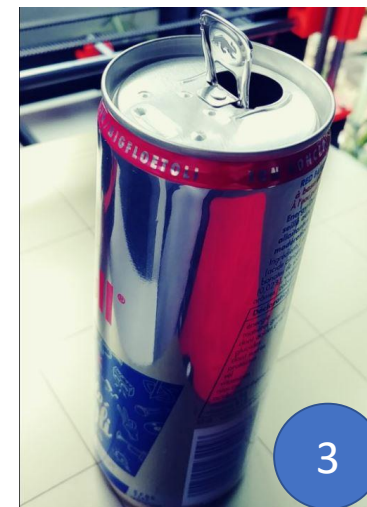
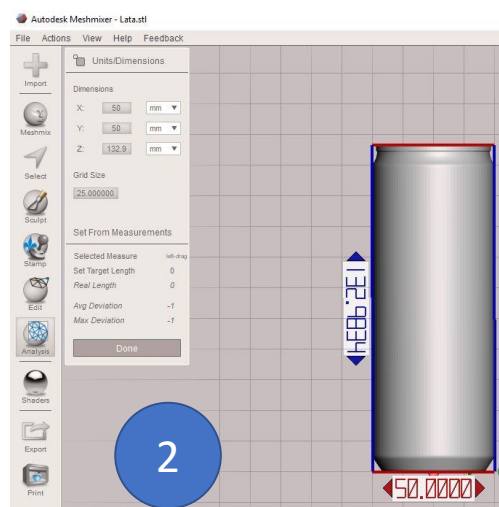
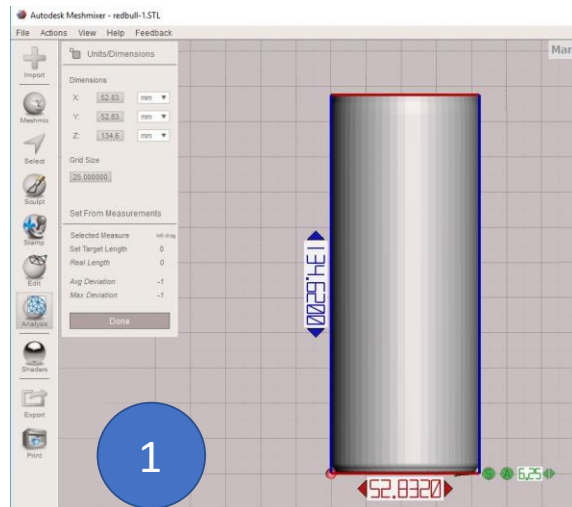
I'll try to explain that:

- 1) The part proposed on [myminifactory](#) is correct in term of main sizes but not correct in term of the bottom & top shapes. (Picture 1)
- 2) The part proposed on [grabcab](#) is correct in term of the bottom & top shapes but not correct in term of main sizes. (Picture 2)

Due to that, I decided to buy a 250 ml can at a supermarket to check the correct sizes. (Picture 3)

In order to draw a fonctionnal 3D models, I decided to use the main sizes from the model 1 and use the bottom & top shapes from the model 2.

In conclusion, all parts I propose in this contest are compatible with the 250 ml can I bought (but it is a French can)



Garden House for auxiliary insects

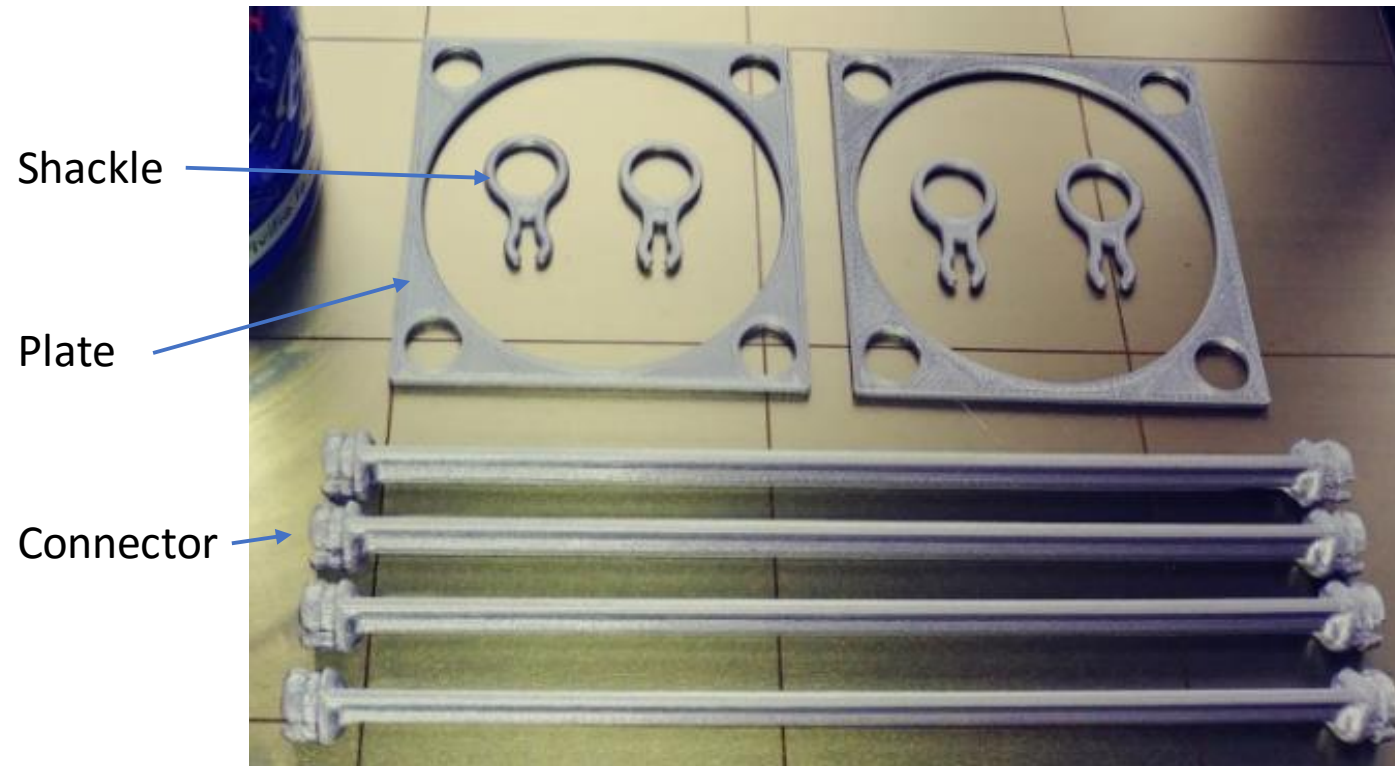
The garden House proposed:

The main idea is to create a frame all around the can.

And this shape will be able to connect with another shape in order to enlarge the house.

The package of 3D models I propose you contains all necessary thinks to create your own garden house (s)

Package to build one frame:



Garden House for auxiliary insects

Montage:

First, you must plug connectors on the main plate.



Second, place the can inside the frame then connect the second plate.



Third, connect the shackles.



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In situation:

In this sample, I have used a string passed through the four shackles, then I placed the montage on a shrub.



I'm certainly not an insect specialist, but I read somewhere that the humblebee prefers use flight board below the hole of the house. I think that the opening device could be use for that.

Also to create a good place for insects, it will be necessary to full the can with wood sticks, topsoil, straw, etc...

Garden House for auxiliary insects

More:

In order to create a "block" of cans, I propose also different models of plate and connectors:

