

Assembly Instruction Multi Instrument



Notes

- Inspirations for This Project :

The kazookeylele : <https://www.youtube.com/watch?v=XAg5KjnAhuU>

Ricardo Simian : www.3Dmusicinstruments.com

Thanks to :

BDTech EPF Montpellier

Printed Part List

Part name	Number	Part Name	Number
Headstock	1	Body part 4	1
Neck part 1	1	Body part 5	1
Neck part 2	1	Body part 6	1
Neck part 3	1	Body part 7	1
Harp part 1	1	Kazoo holder	1
Harp part 2	1	Peg connection	10
Harp part 3	1	Peg connection short	5
Body part 1	1	Peg connection small	49
Body part 2	1	Tube connection left	3
Body part 3	1	Tube connection right	3

Printed Part List

[illegible]

Non-Printed Part List

Part name	Number	Part Name	Number
Ukulele strings pack of 4	1	Nylon Guitar strings pack of 6	2
Metal rod 6 mm	5		
<u>Piezo</u>	<u>as much as wanted</u>		
<u>Jack 6mm</u>	<u>1</u>		
<u>Guitar tuning keys</u>	<u>4, 12 or 16</u>		
<u>Wire electric</u>			
<u>Solder</u>			

Step list

- Main assembly
Step 1 to 22



- Final assembly
Step 23 to ...

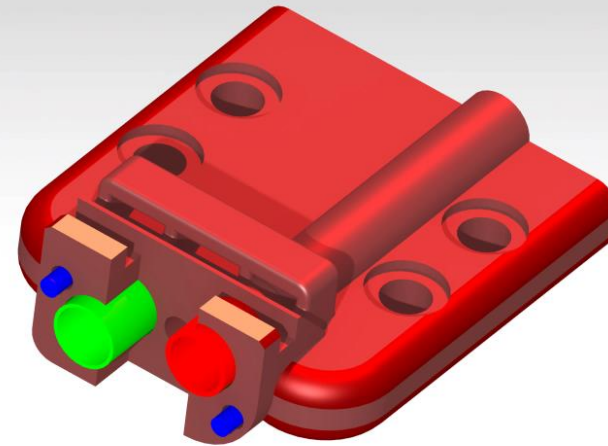
Main assembly



This assembly consist of 22 steps

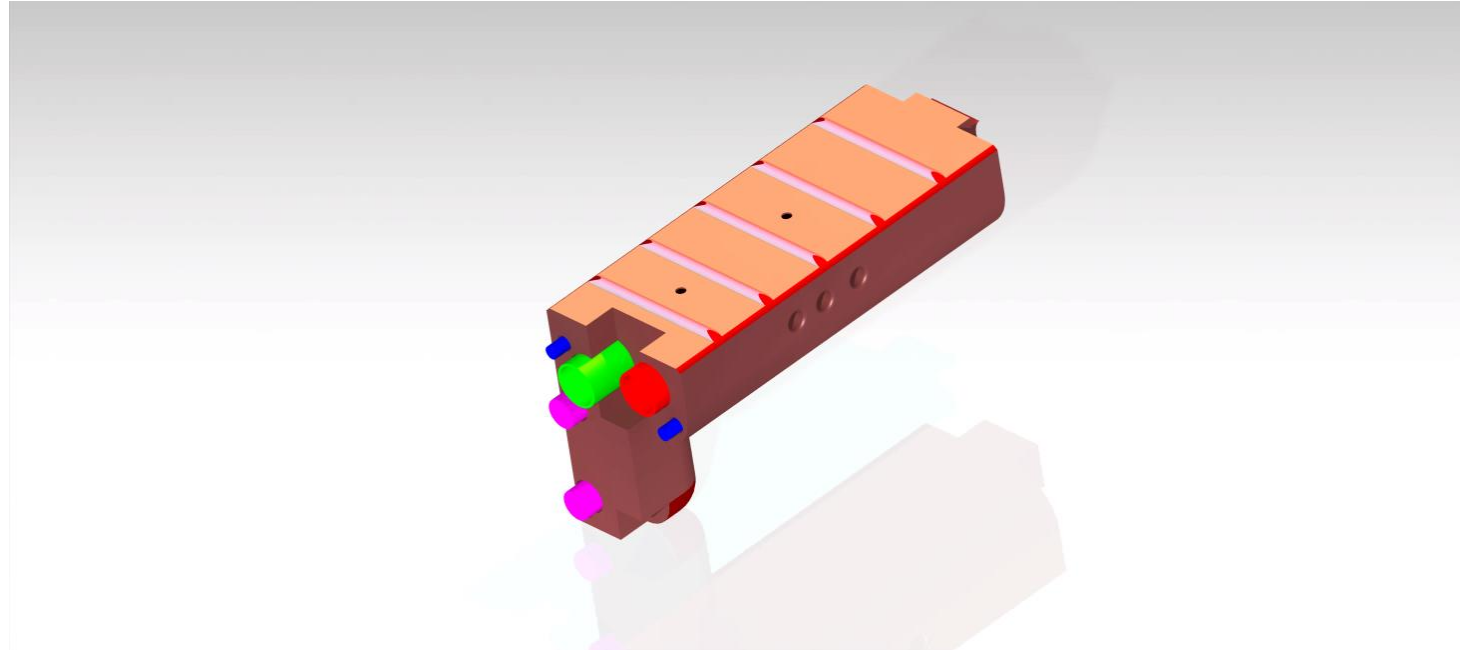
Step 1

- Parts needed :
- Headstock
- Tube connexion right
- Tube connexion left
- 2 X Peg connexion small



Step 2

- Parts needed :
Neck part 1
Tube connection right
Tube connection left
2 X Peg connection
2 X Peg connection small

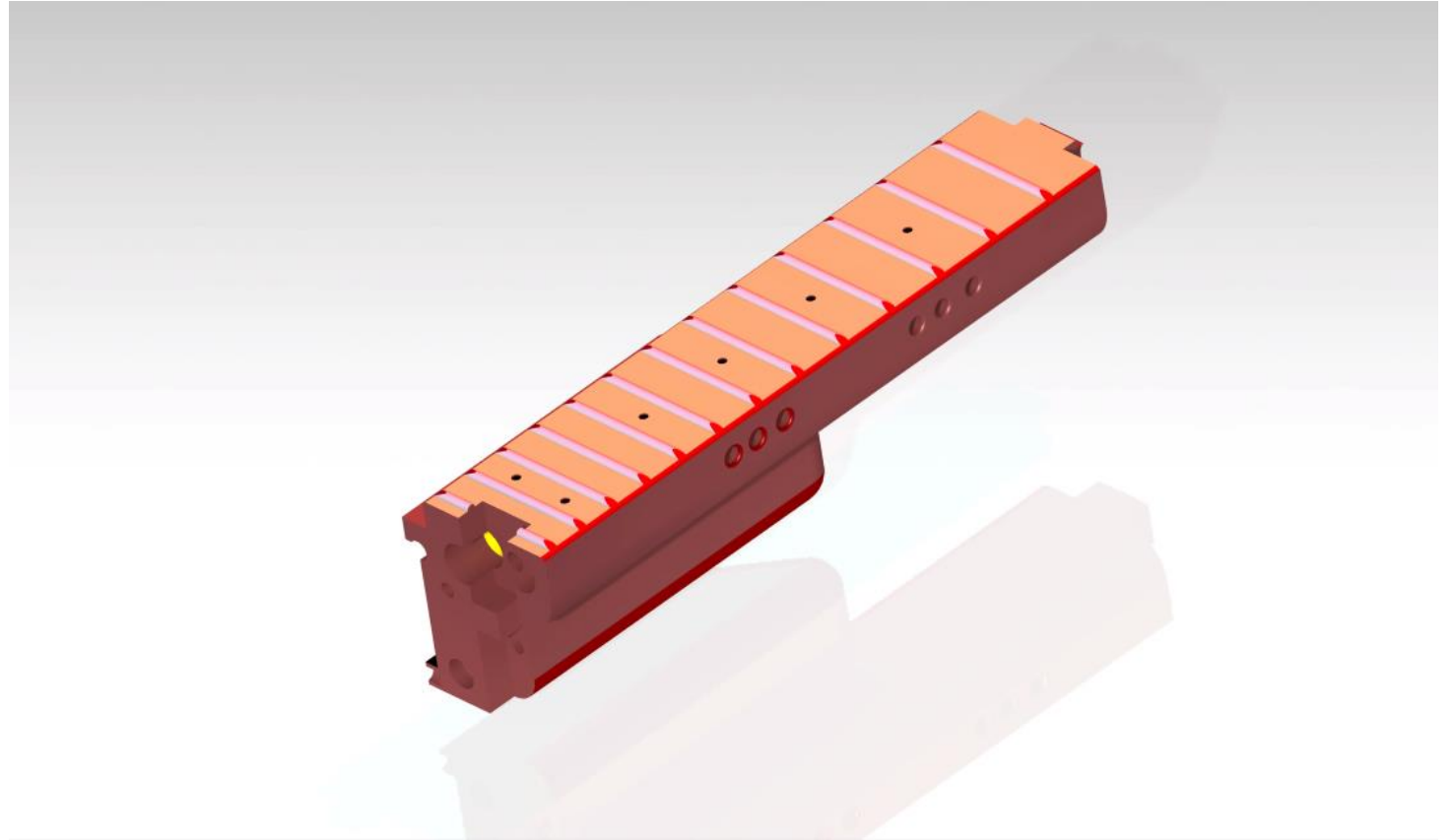


Step 3

- Parts needed :

Step 2

Neck part 2



Step 4

- Parts needed :

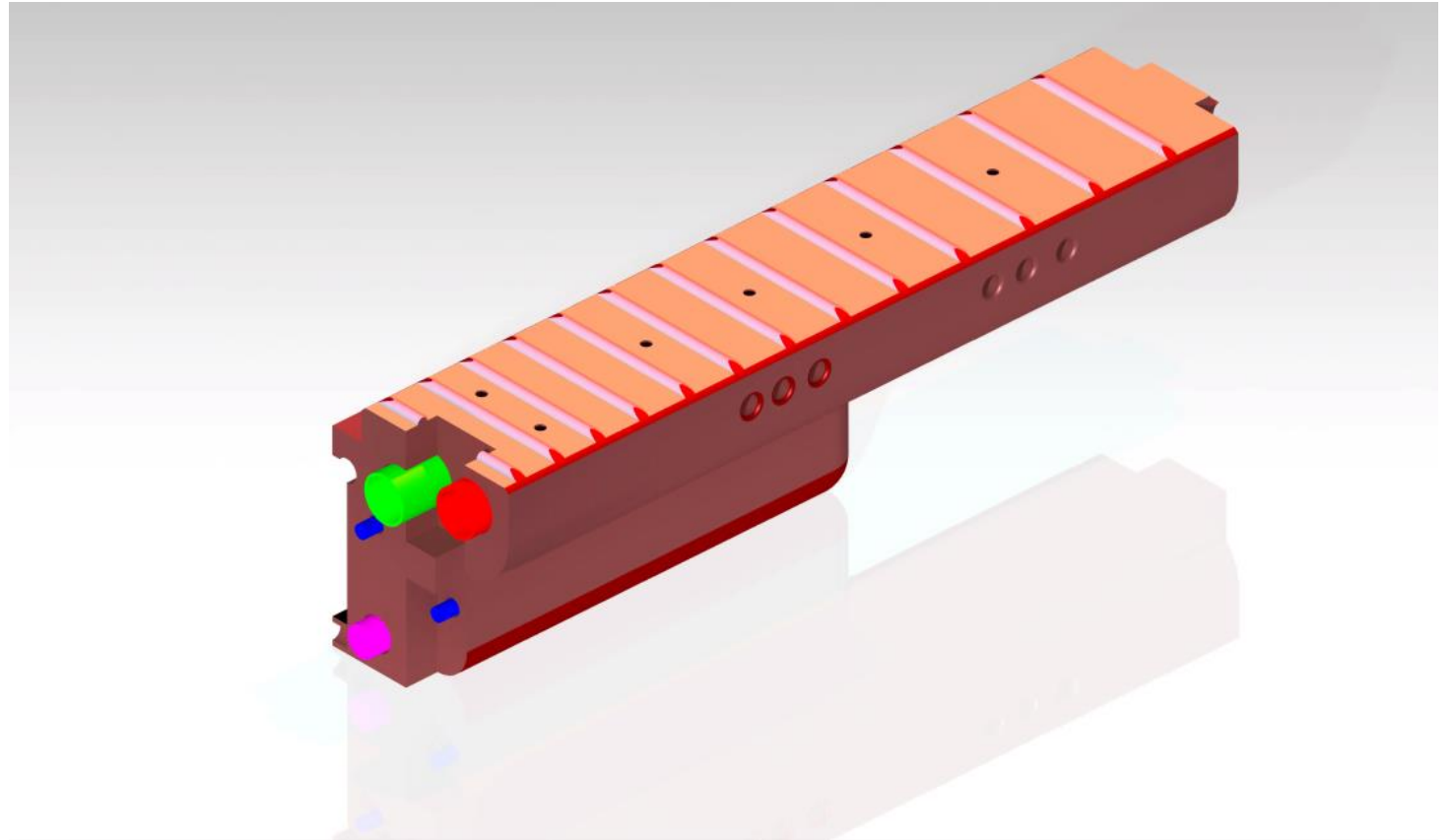
Step 3

Tube connection right

Tube connection left

Peg connection

2 X Peg connection short

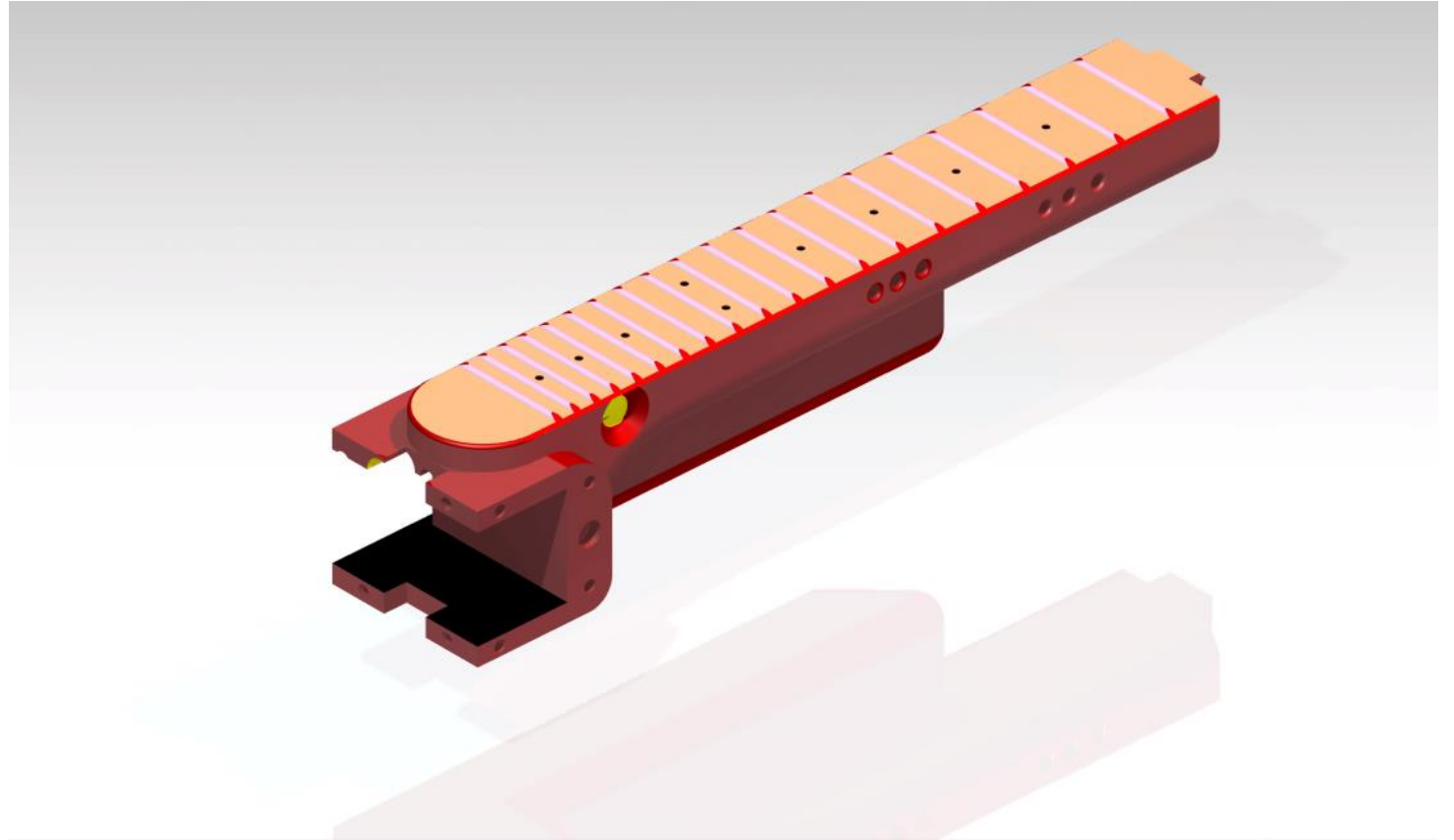


Step 5

- Parts needed :

Step 4

Neck part 3

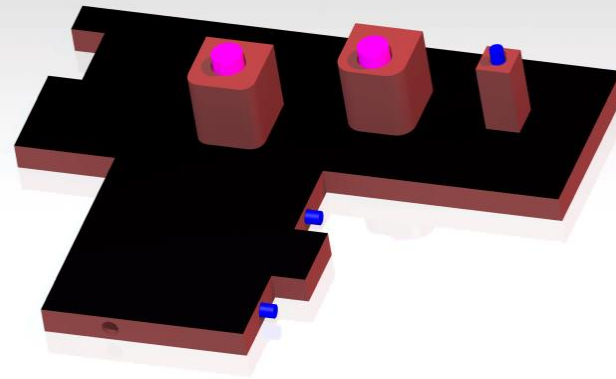


Step 6

- Parts needed :

2 X peg connection

3 X peg connection small

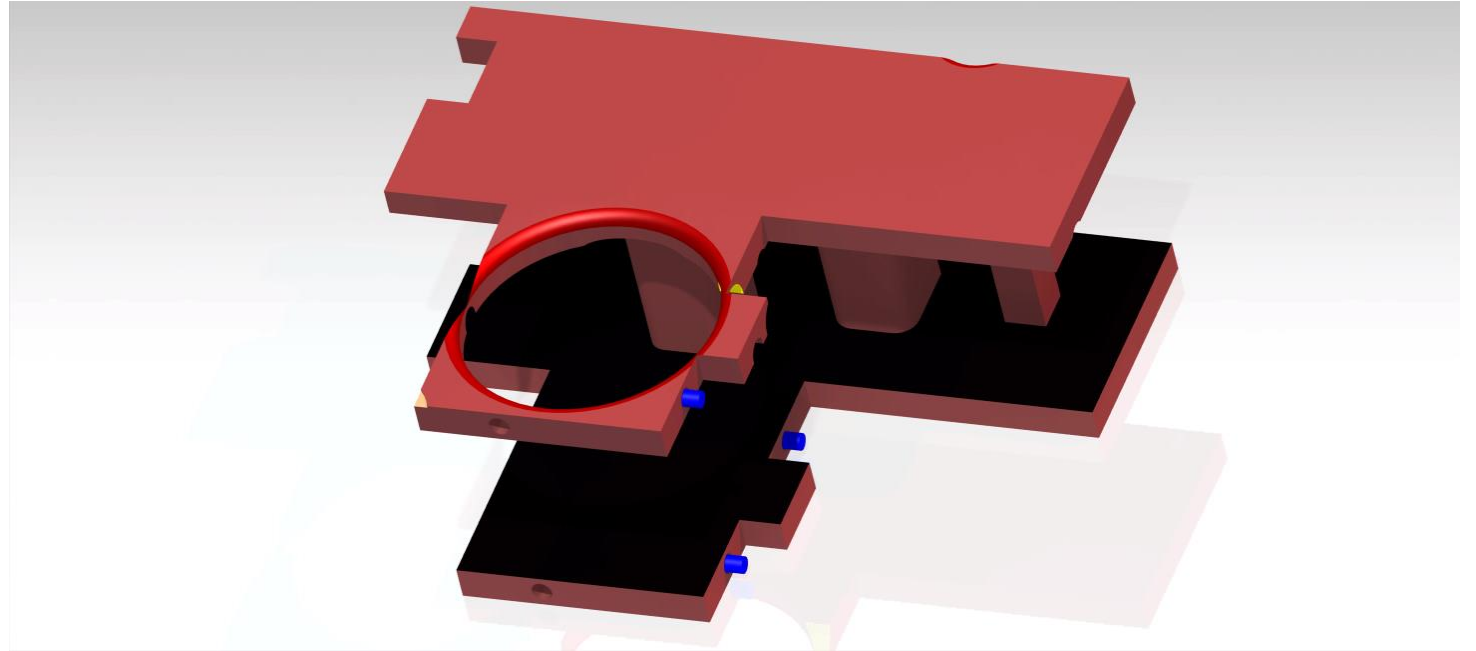


Step 7

- Parts needed :

Step 6

Peg connection small

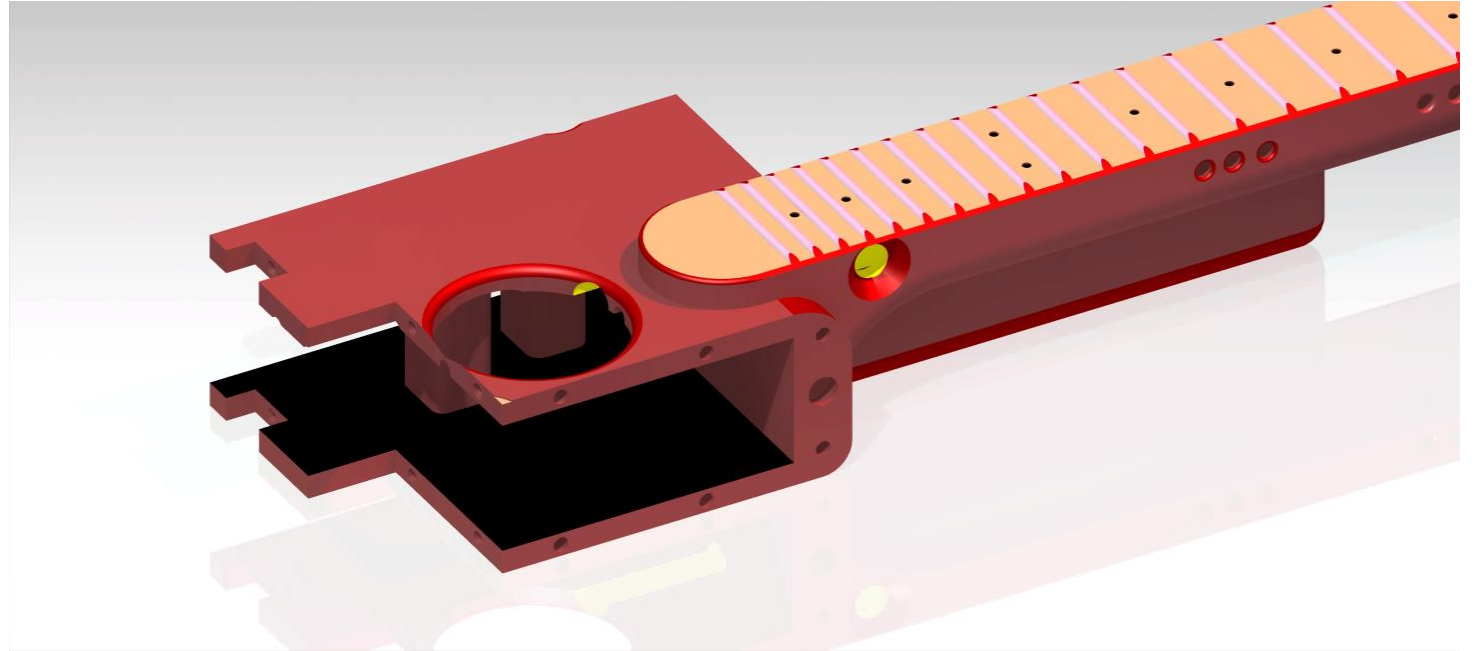


Step 8

- Parts needed :

Step 5

Step 7



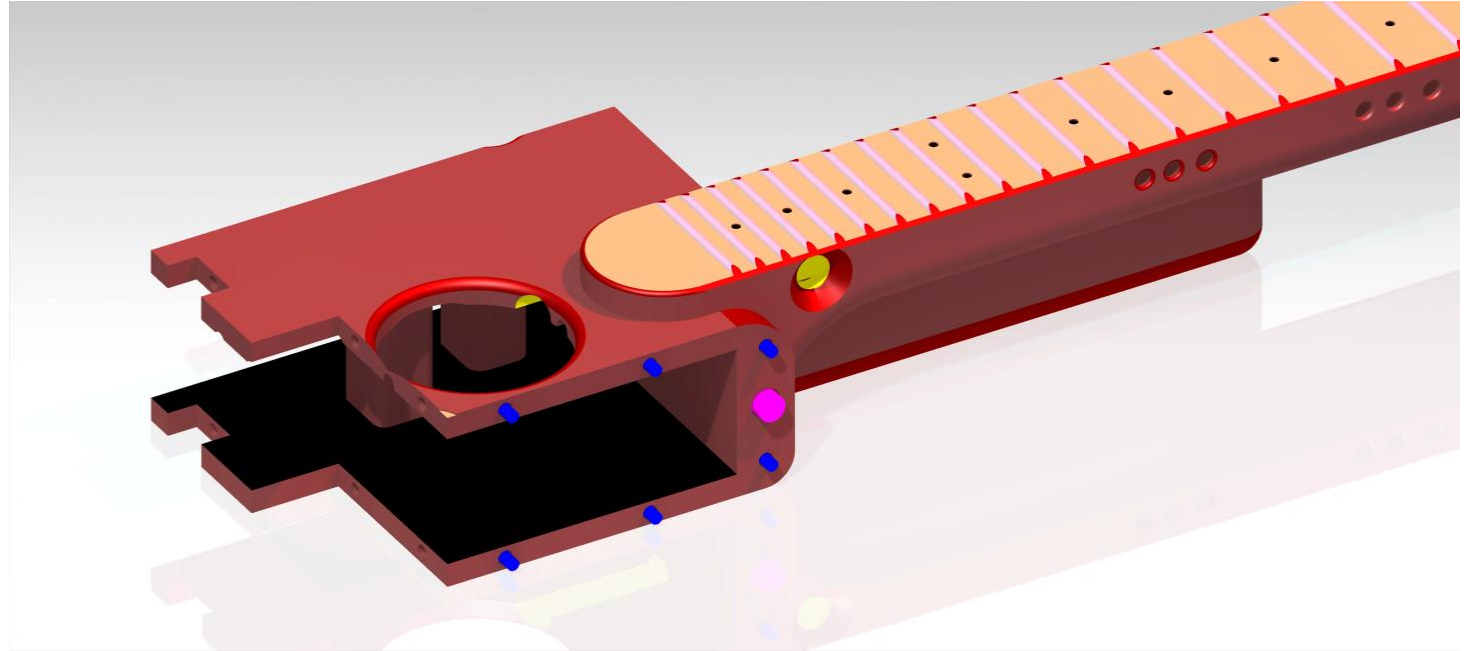
Step 9

- Parts needed :

Step 8

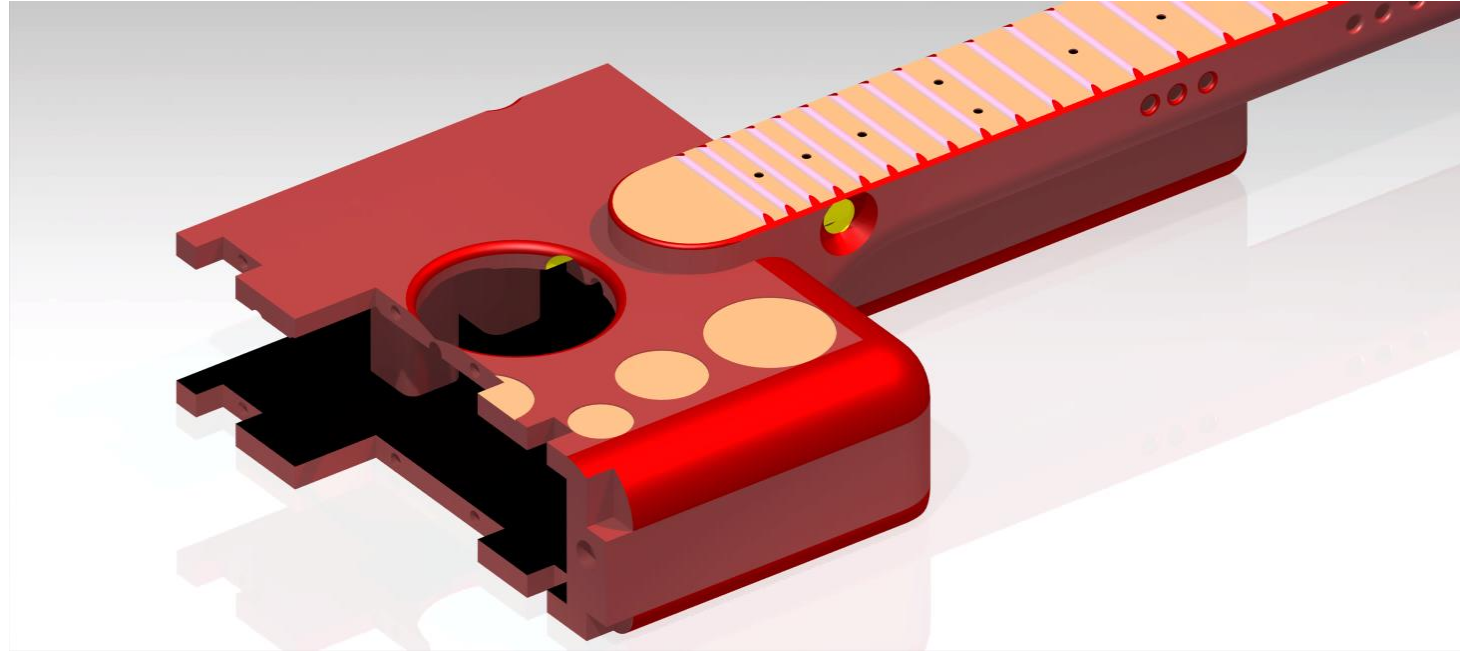
Peg connection

6 X peg connection small



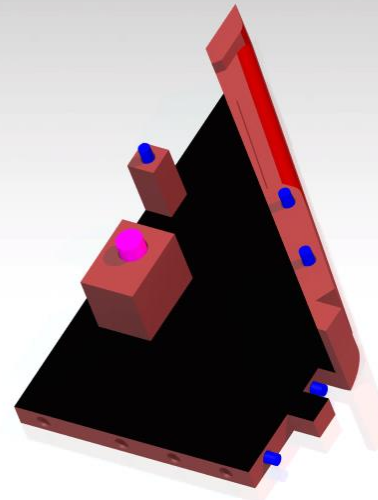
Step 10

- Parts needed :
Step 9



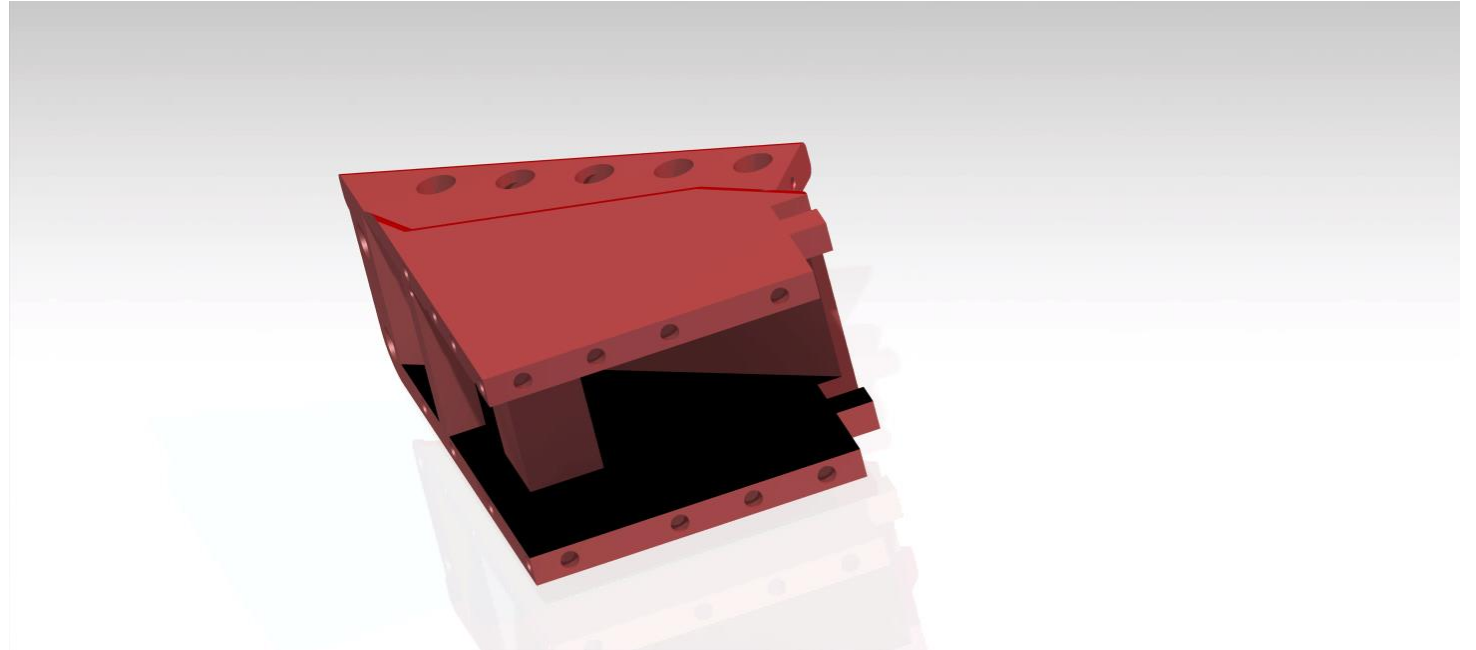
Step 11

- Parts needed :
Peg connection
5 X Peg connection small



Step 12

- Parts needed :
Step 11

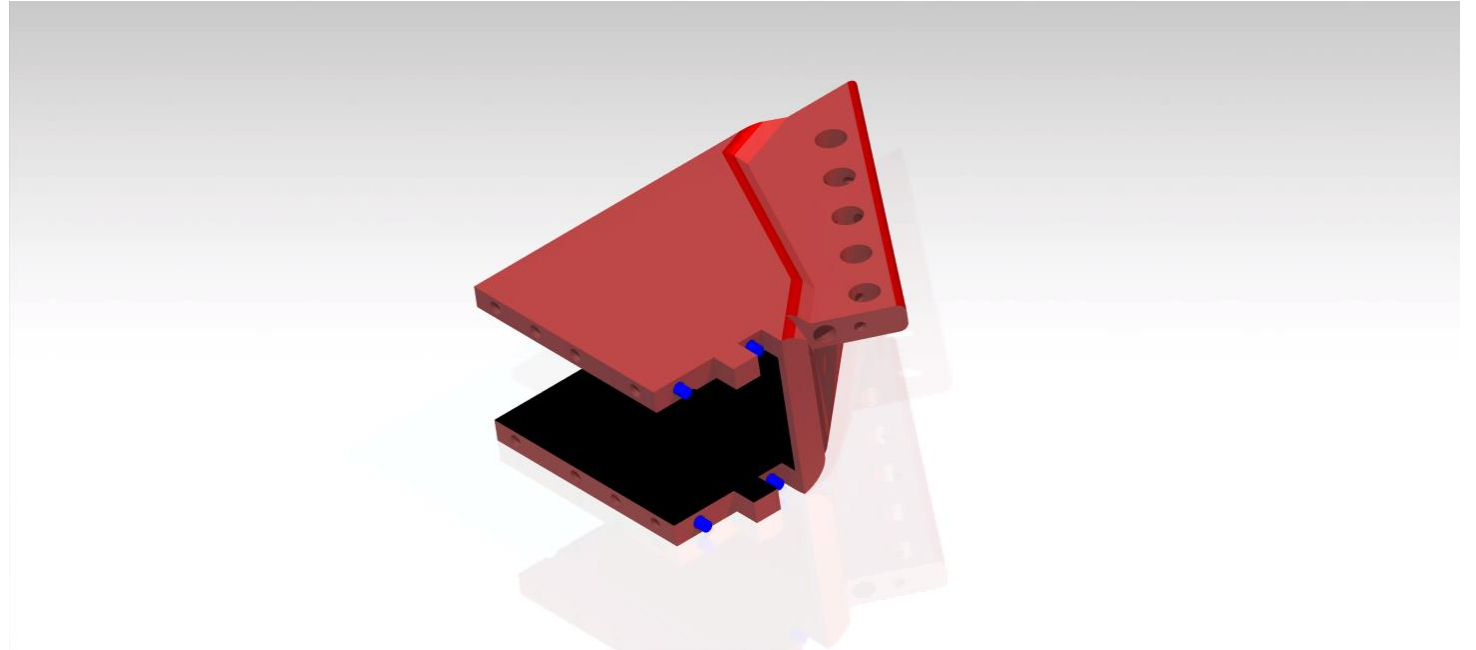


Step 13

- Parts needed :

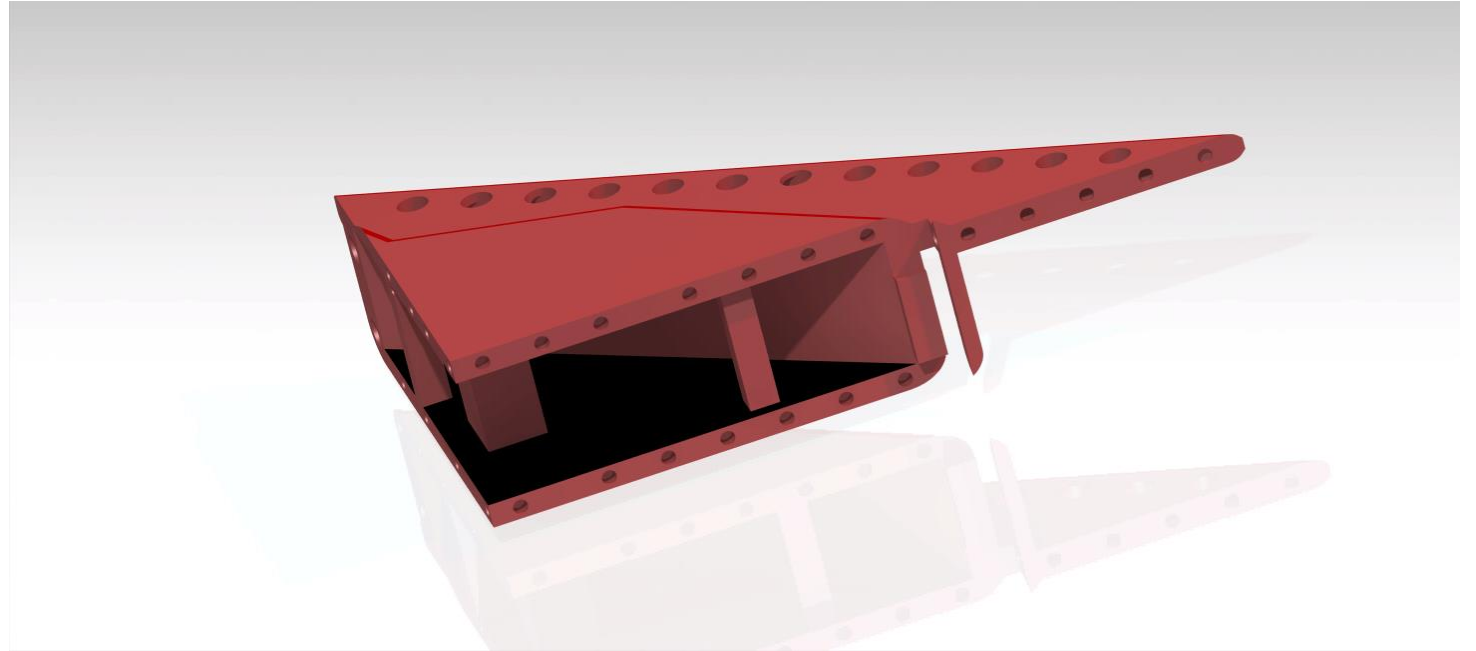
Step 12

4 X peg connection small



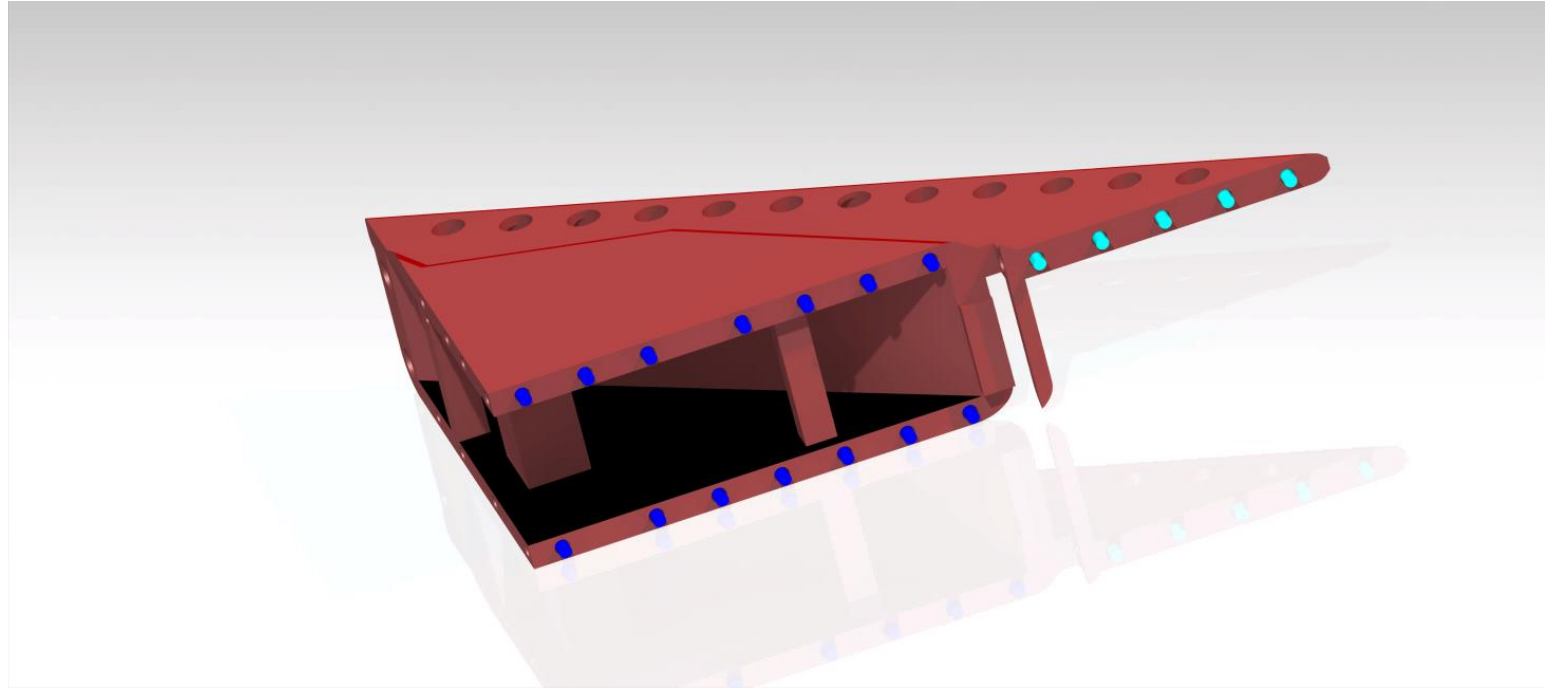
Step 14

- Parts needed :
Step 13



Step 15

- Parts needed :
5 X connection peg short
14 X connection peg small

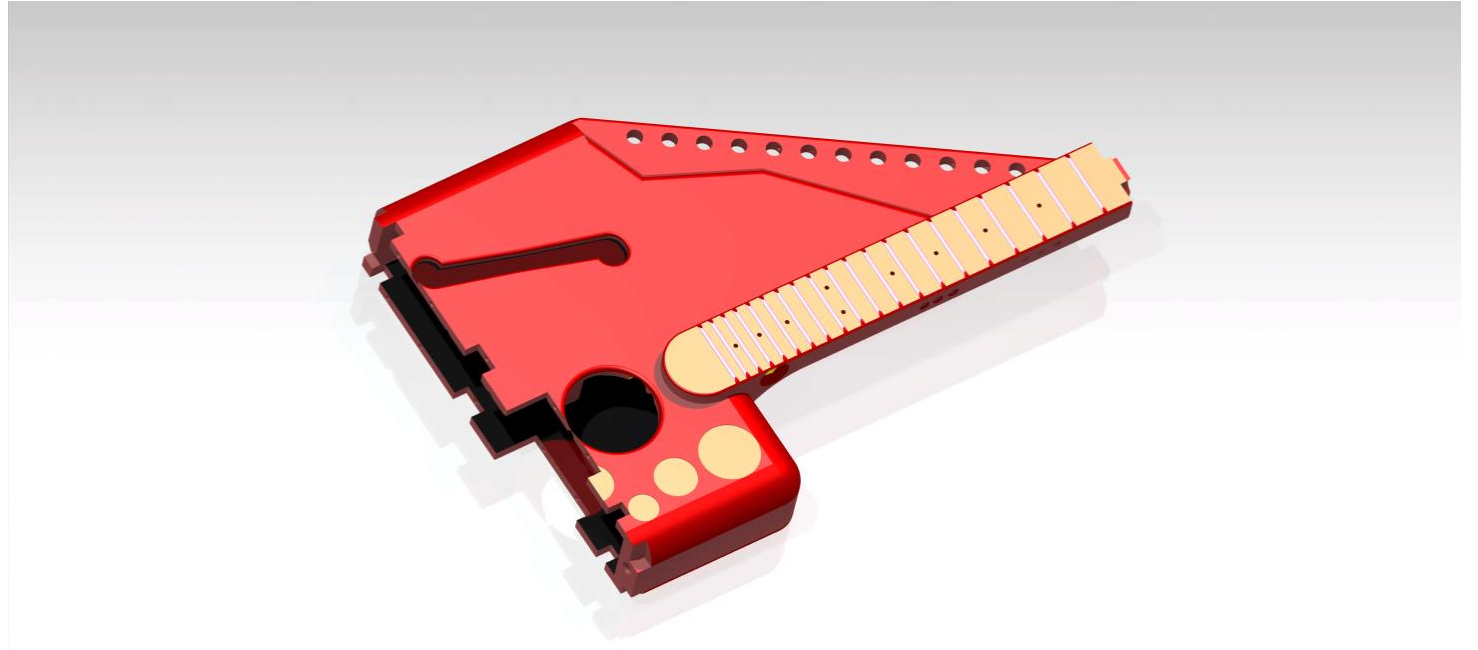


Step 16

- Parts needed :

Step 10

Step 15

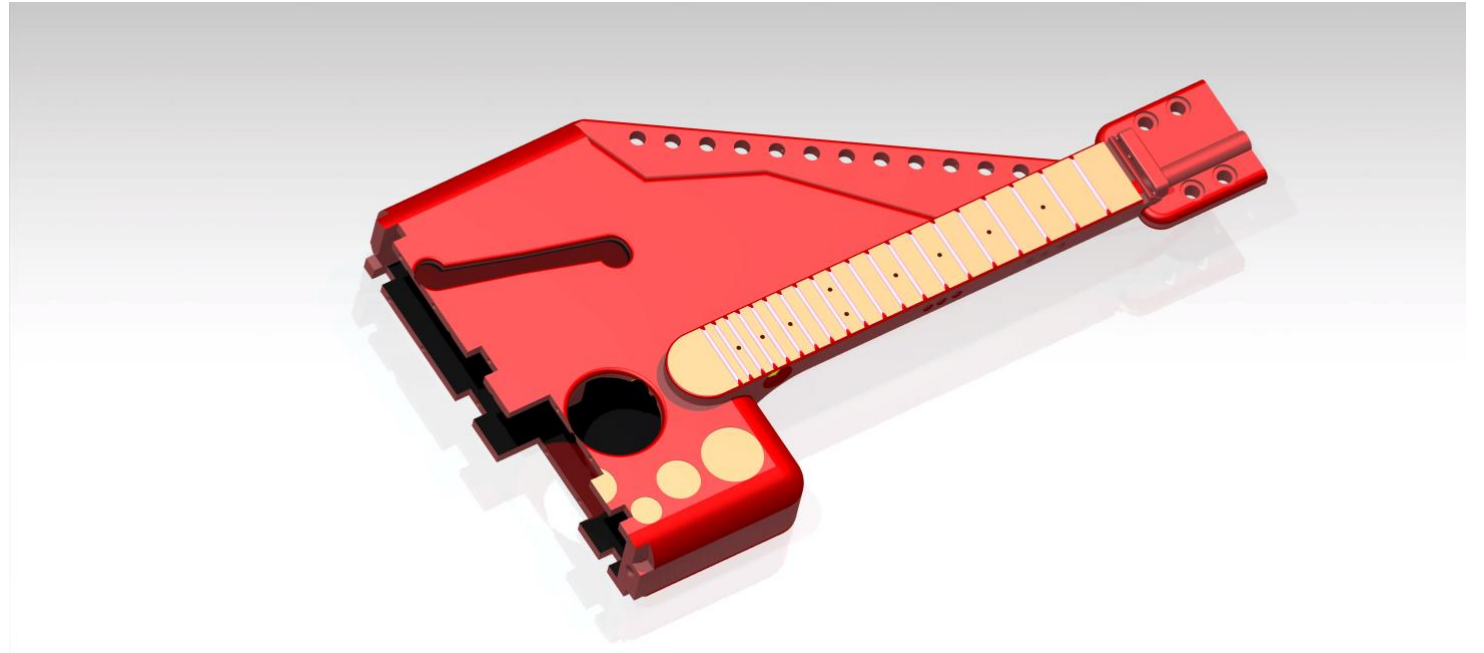


Step 17

- Parts needed :

Step 1

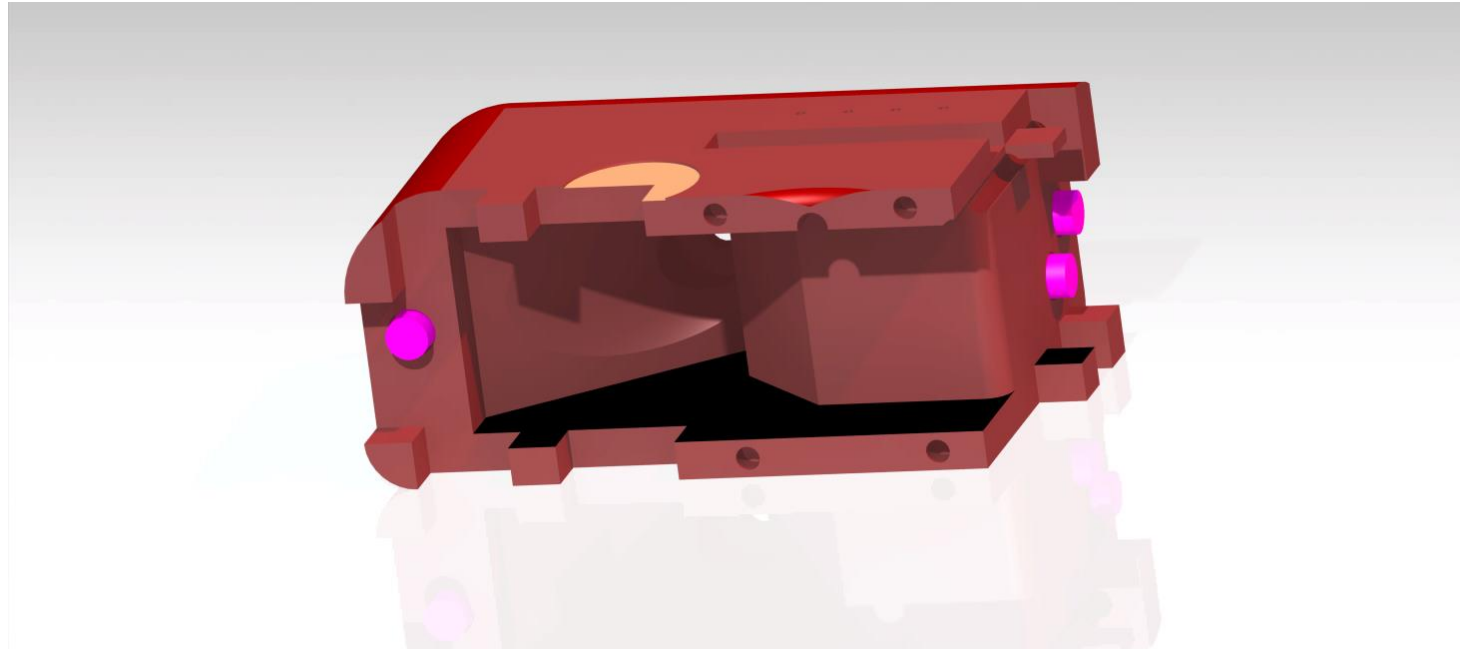
Step 16



Step 18

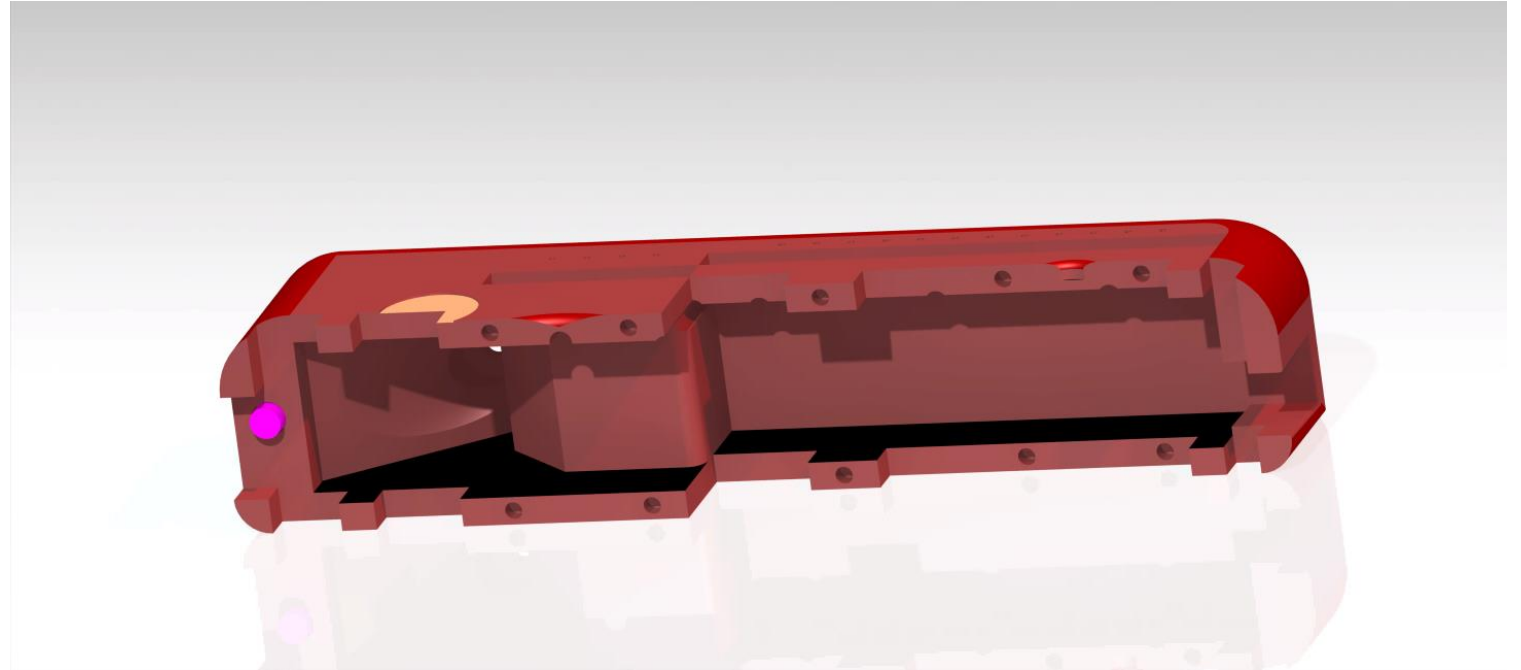
- Parts needed :

3 X peg connection



Step 19

- Parts needed :

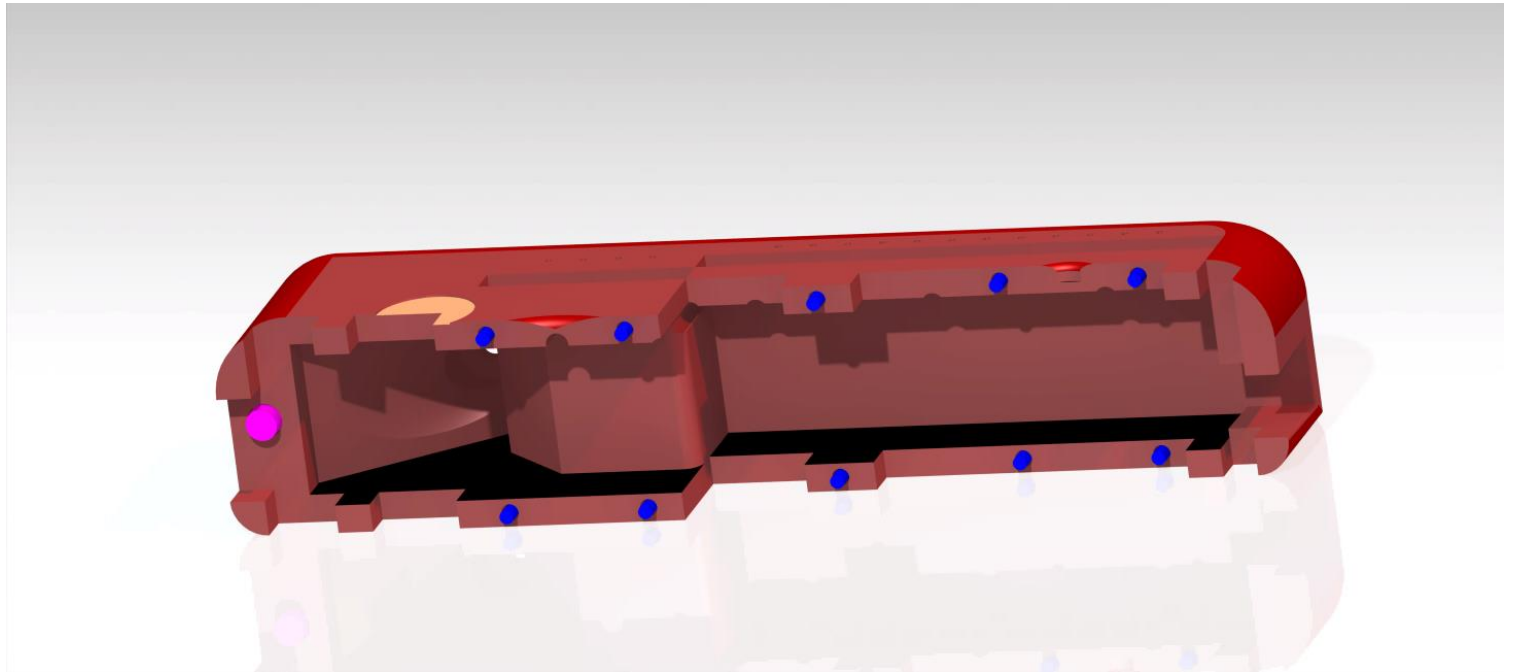


Step 20

- Parts needed :

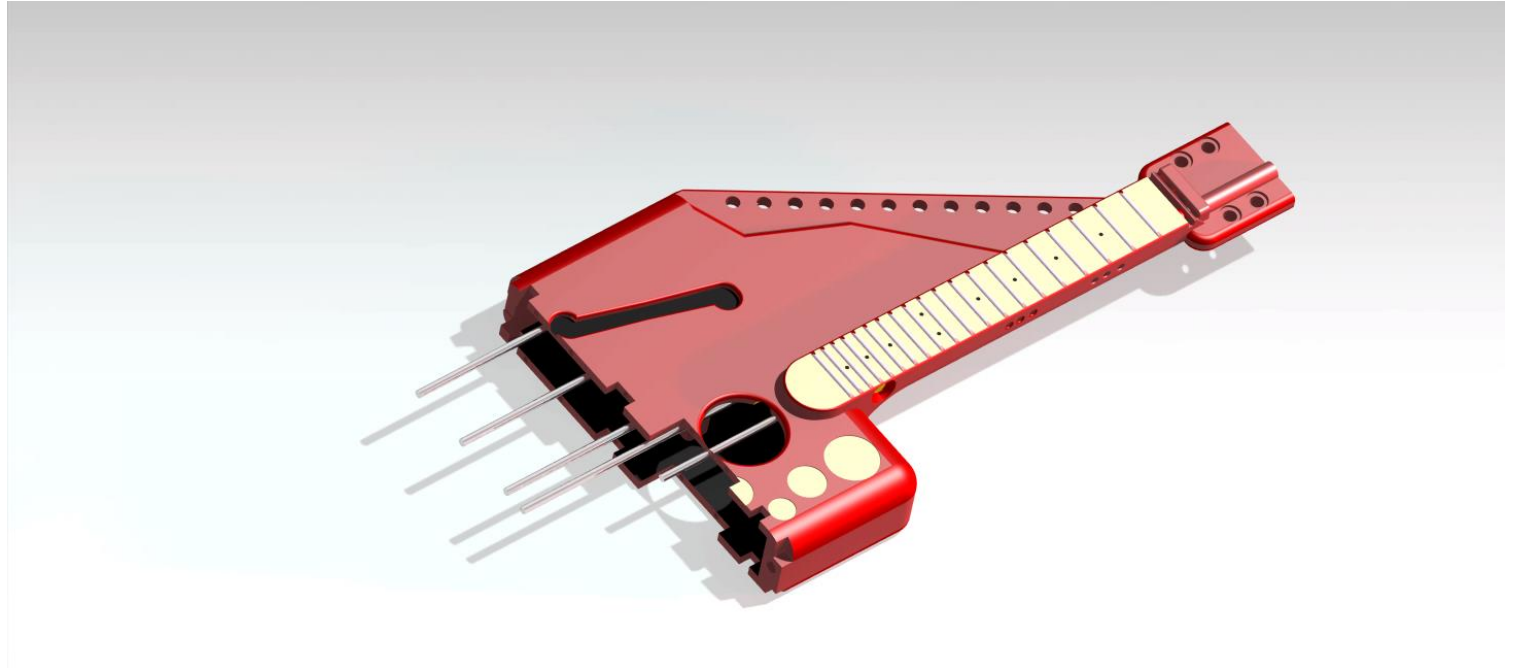
Step 19

10 X peg connection small



Step 21

- Parts needed :
Step 17
5 X Metal Rod 6mm



Step 21.5 (optional)

- Parts needed :

Step 21

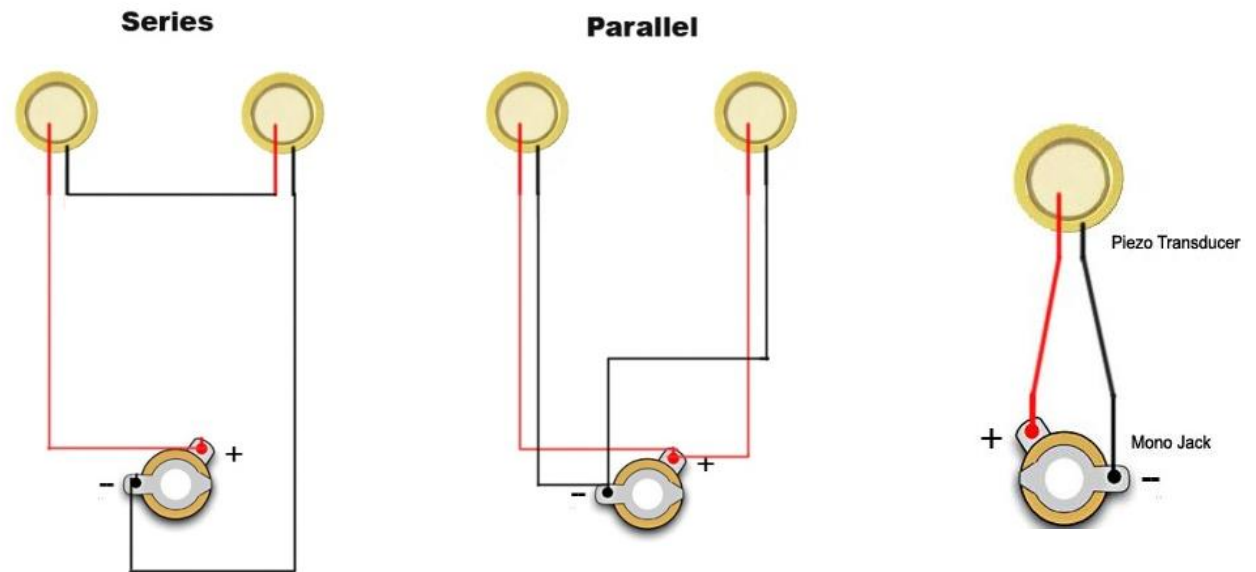
Jack 6.3 mm

Piezo

Wire

solder

If you want to electrify you instrument, it is the time to do it if not, you can skip this part (*photos here are suggestion on how to wire piezo*). Put the electronic inside before step 22

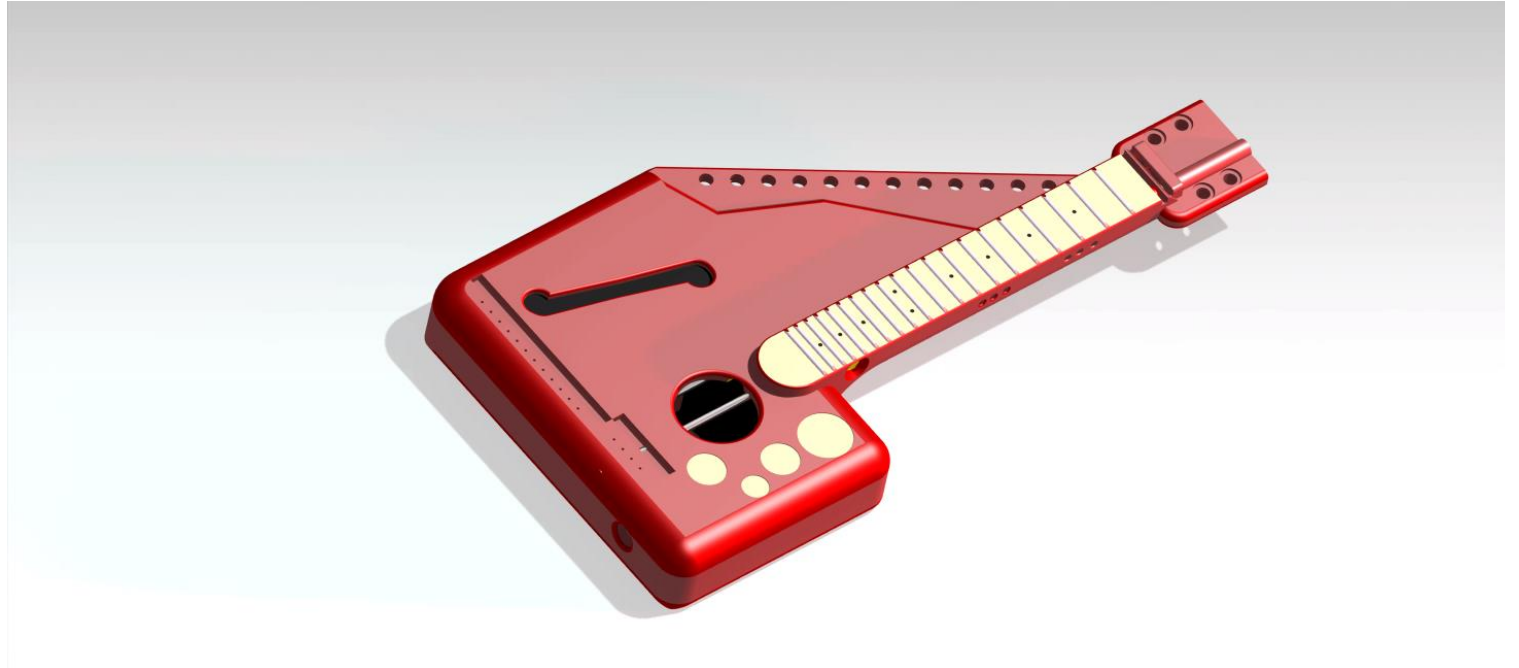


Step 22

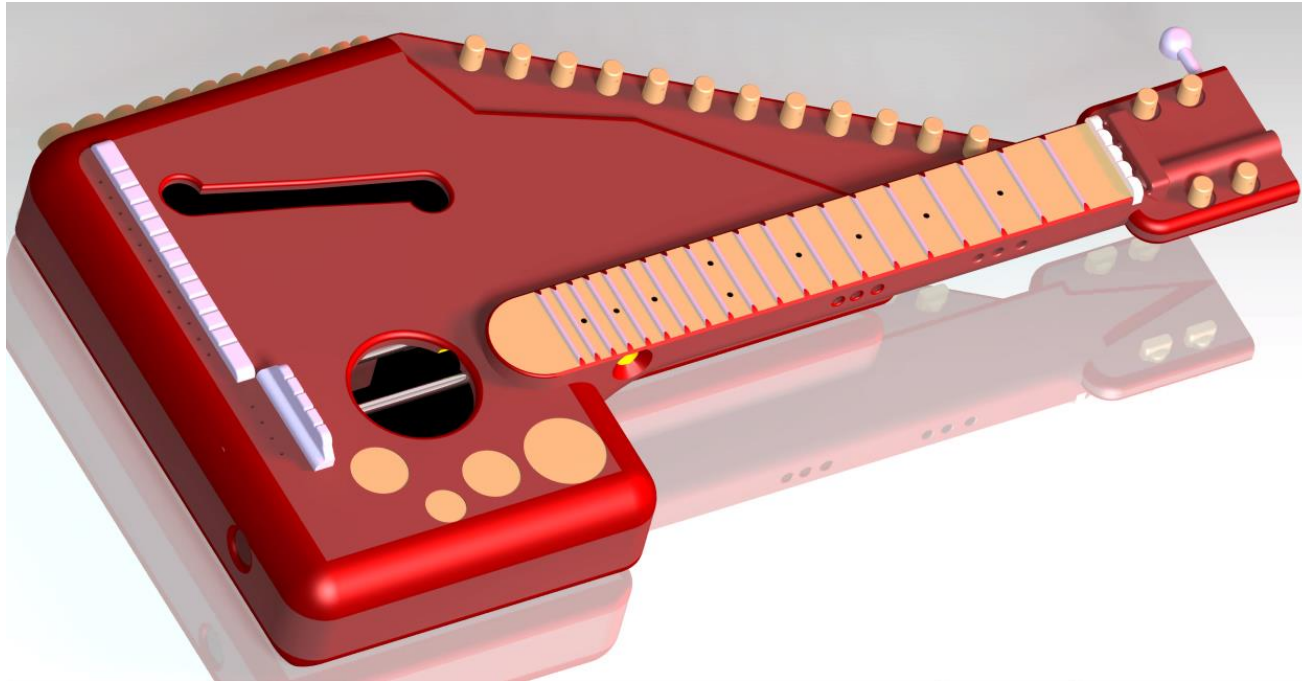
- Parts needed :

Step 20

Step 21



Final assembly

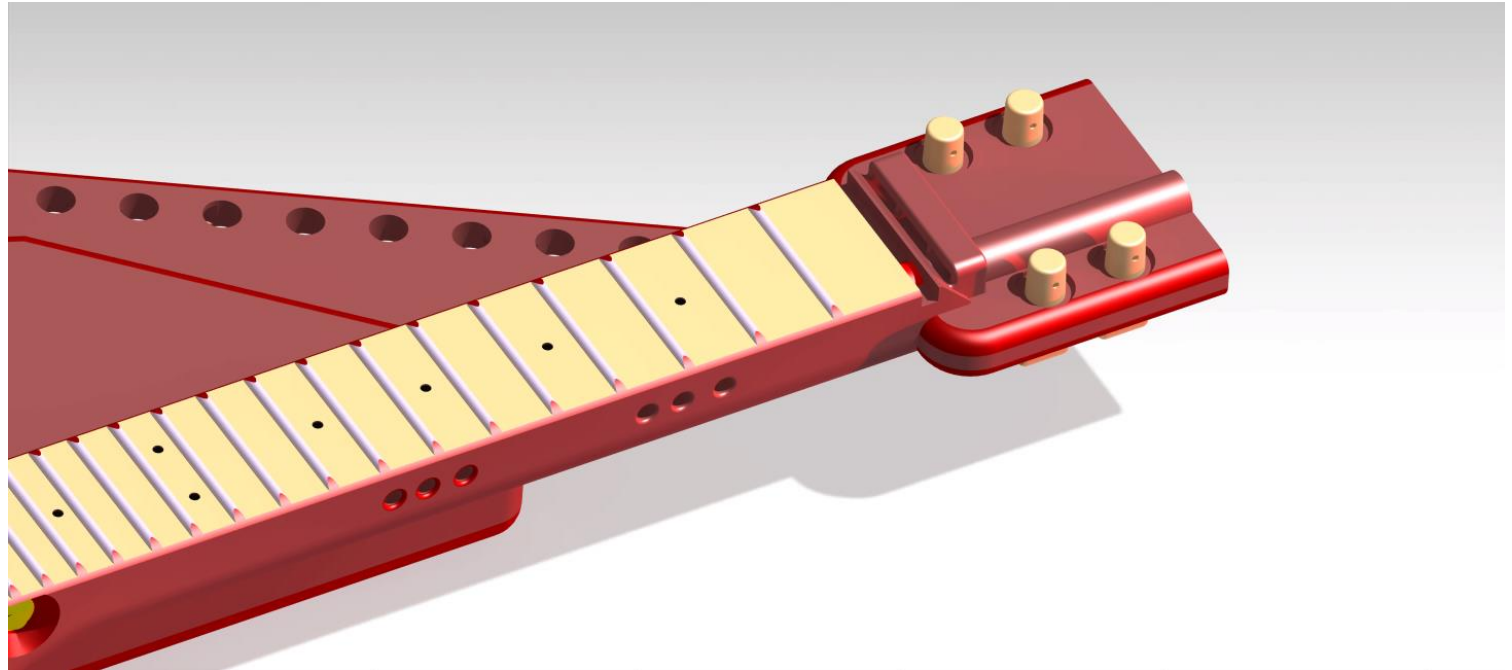


This assembly consist of steps
23 to

You will need :

Step 23

- Parts needed :
Step 22
4 X tuning peg ukulele



Step 24

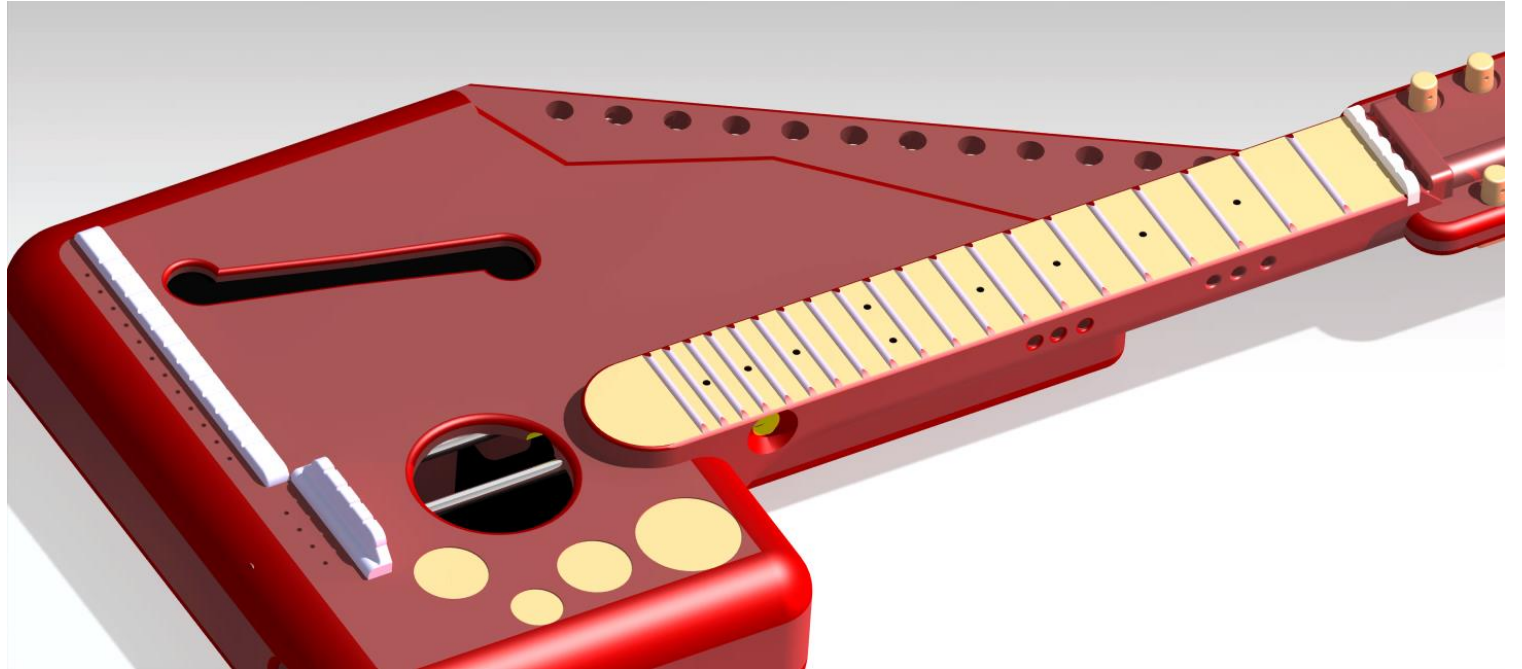
- Parts needed :

Step 22

Nut

Bridge

Bridge Harp

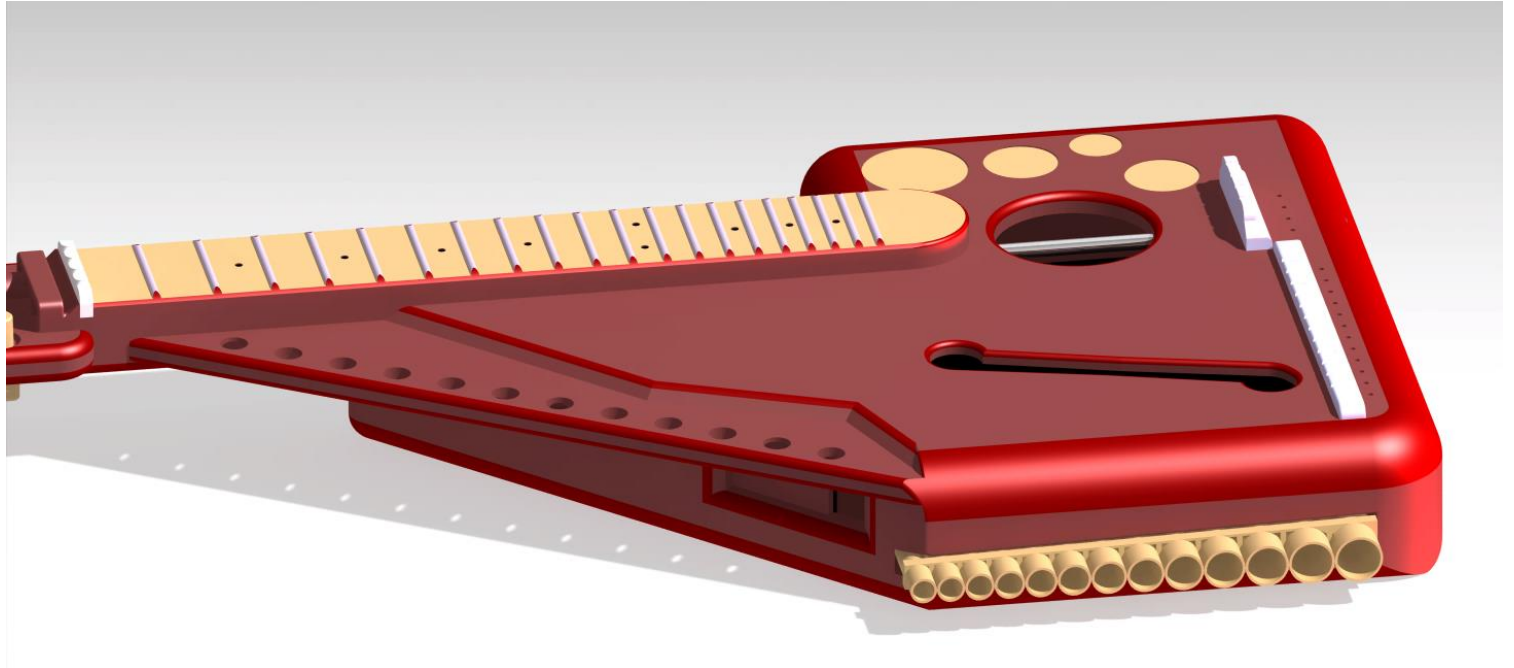


Step 25

- Parts needed :

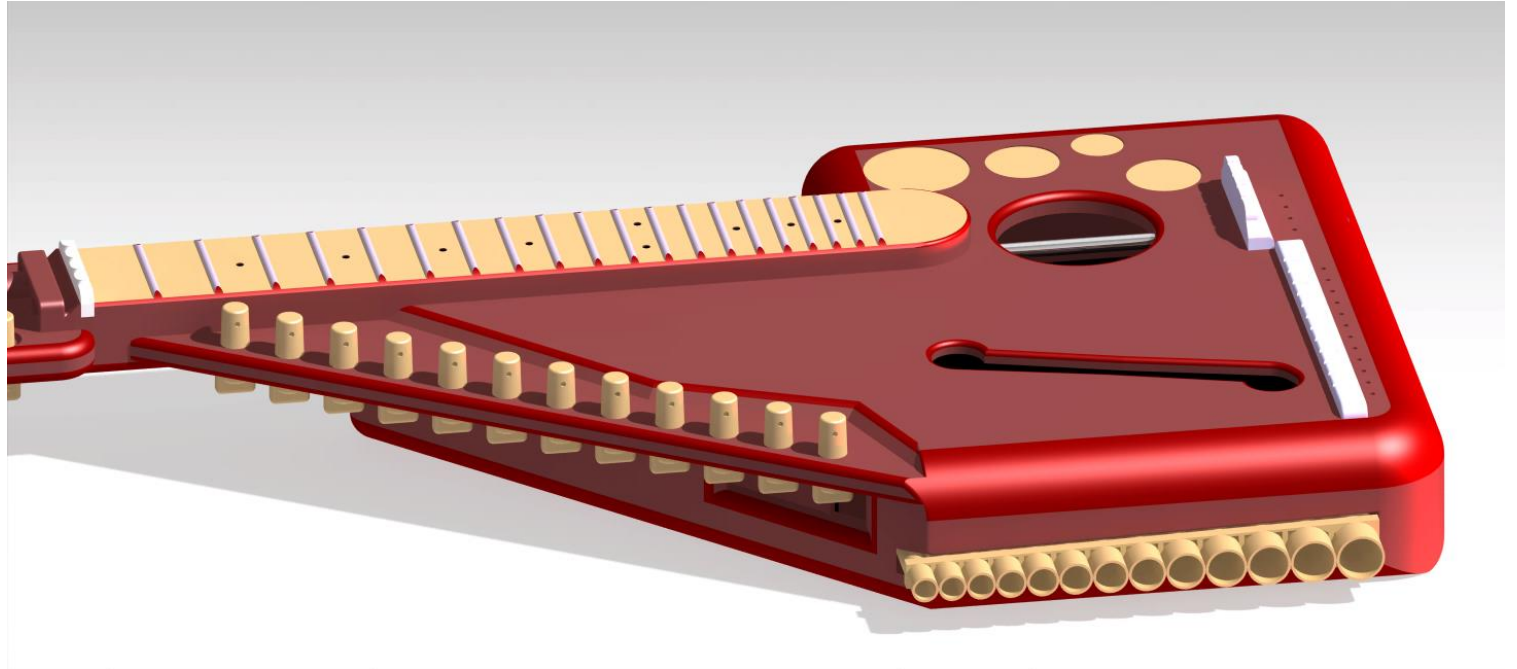
Step 22

Pan flute



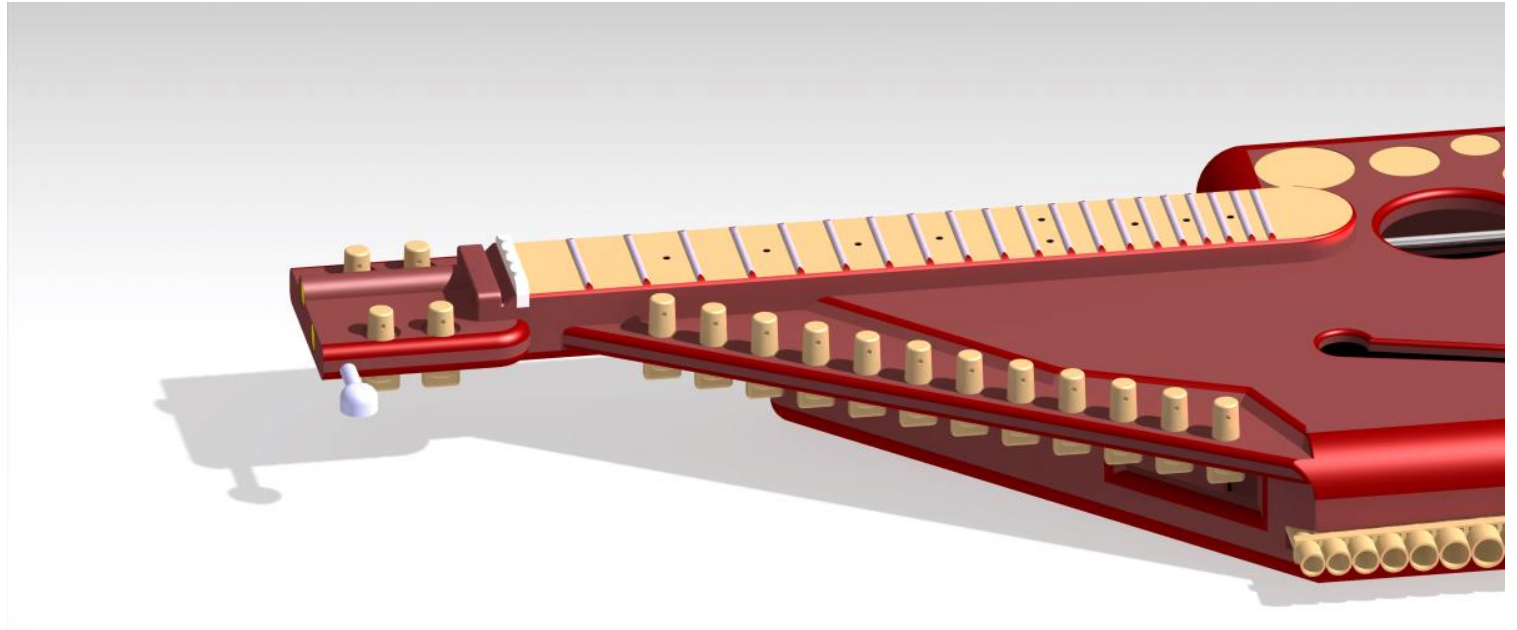
Step 26

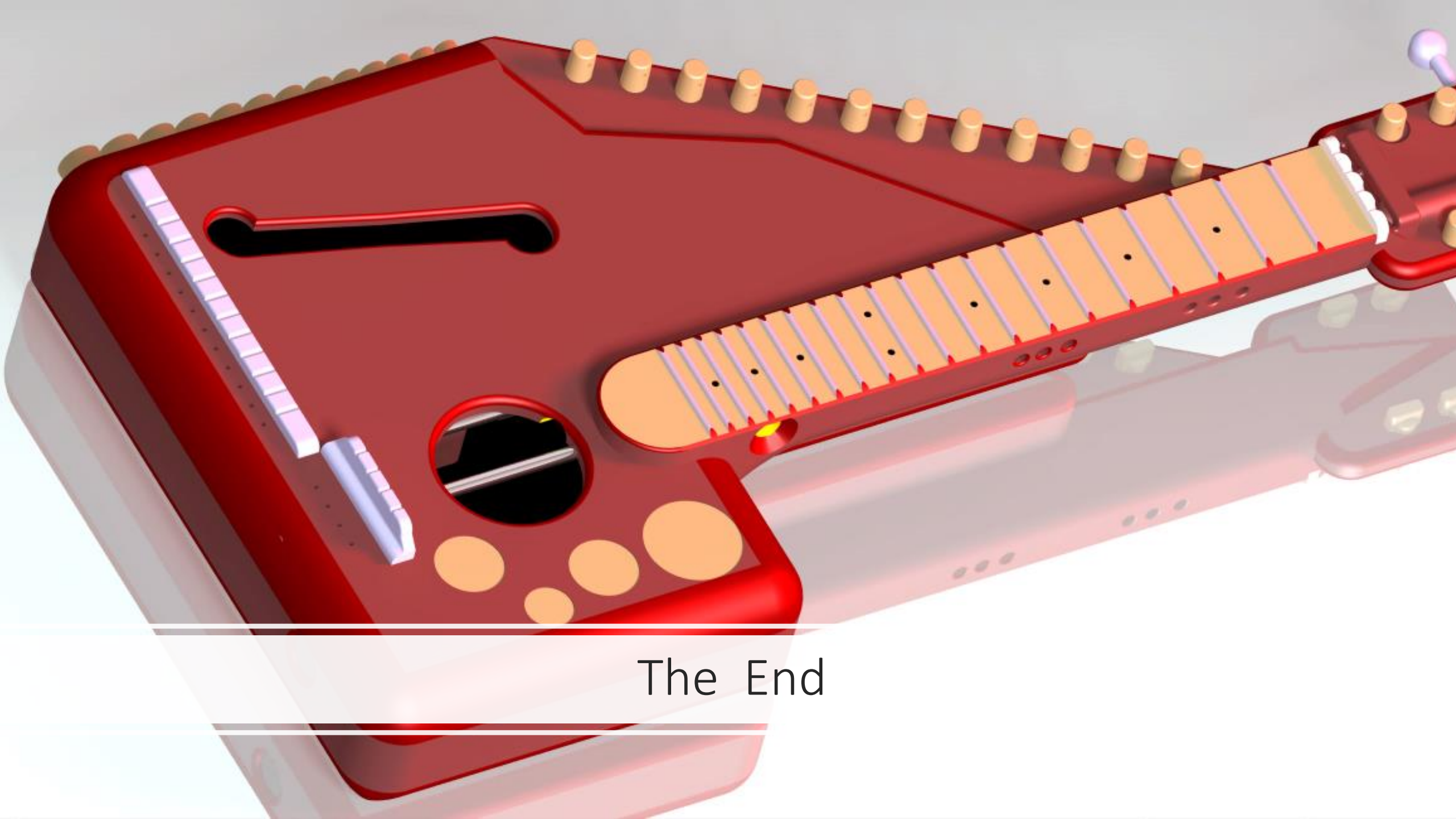
- Parts needed :
Step 22
12 X Tuning peg



Step 27

- Parts needed :
Step 22
Kazoo holder





The End