



Elastic Football

 Wilko_SLO

[VIEW IN BROWSER](#)

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Summary

Table football game for 2 players with elastic mechanism. You need 5 goals to win.

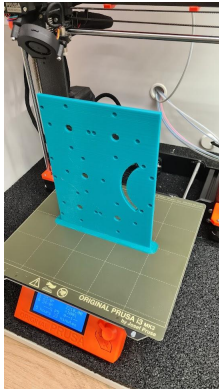
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Tags: [board](#) [elastic](#) [football](#) [game](#) [players](#)

All parts are printed without support, Z=0,30mm. For shooting mechanism you need 10x standard everyday elastic rubbers. It is constructed that you can replace the elastic if it become weak. Print it with PLA or PETG. I suggest that you print parts with same color together.

All the parts you need to print are:

HOW TO PRINT?



2x HALF Field (Green) (**Print with brim 10**)

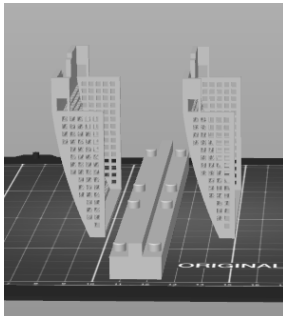
(suggest to print it 1 by 1)

1x Joiner (White)

2x Goal (White)

2x Shield L (Black)

2x Shield R (Black)



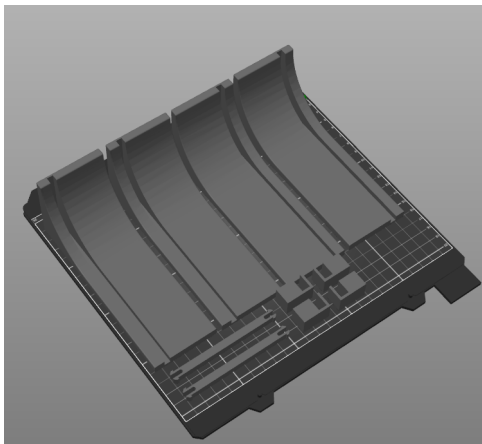
2x Counter Holder L (Black)

2x Counter Holder R (Black)

2x Stick 95 (Black)

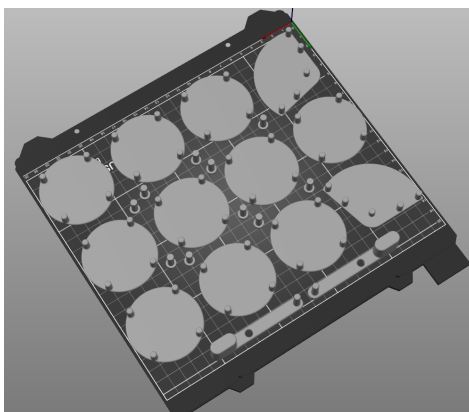
10x FIX Player (Grey)

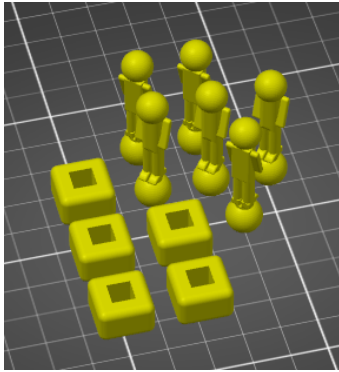
10x Player Holder (Grey)



2x FIX Goalkeeper (Grey)

2x Mover Goalkeeper (Grey)





6x Player (yellow) **(100% infill)**

5x Poen (yellow)

6x Player (orange) **(100% infill)**

5x Poen (orange)

Ball 15 (white)

(print 2x half(cut with Prusaslicer)

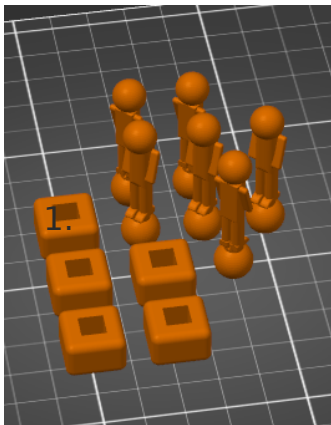
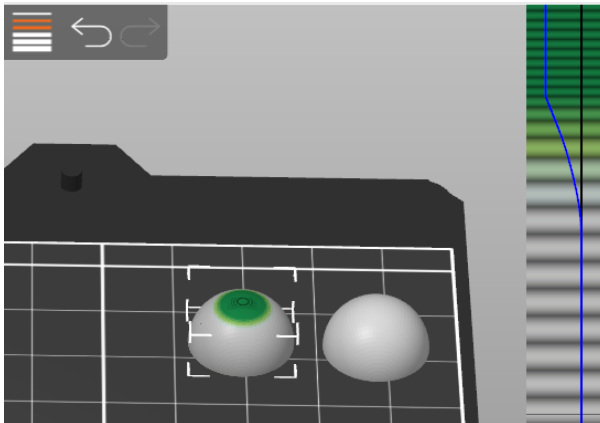
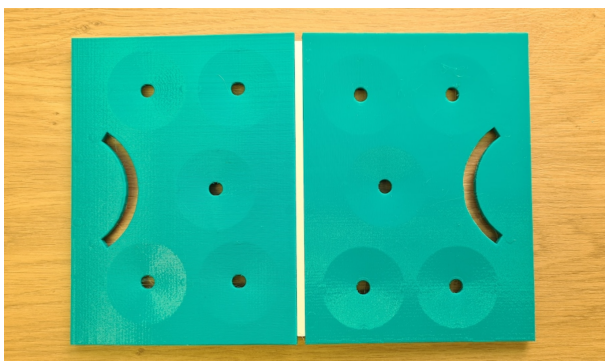
variable layer hight for top layers 0,07

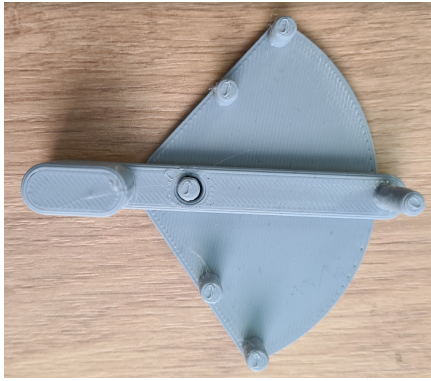
Glue together to get perfect ball

HOW TO BUILD?

Join together 2x HALF Field with Joiner

2. Put together FIX Goalkeeper (Grey) and Mover Goalkeeper (Grey)





3. Put it in the **HALF Field** (do it on both sides)

4. Build player mechanism 1x FIX Player (Grey) + 1x Player Holder + (Grey) 1x elastic

Put the middle part of elastic around the Player holder from all 4 sides. I used elastics with diameter 40mm. **Please be careful, it can be dangerous if you fail.**

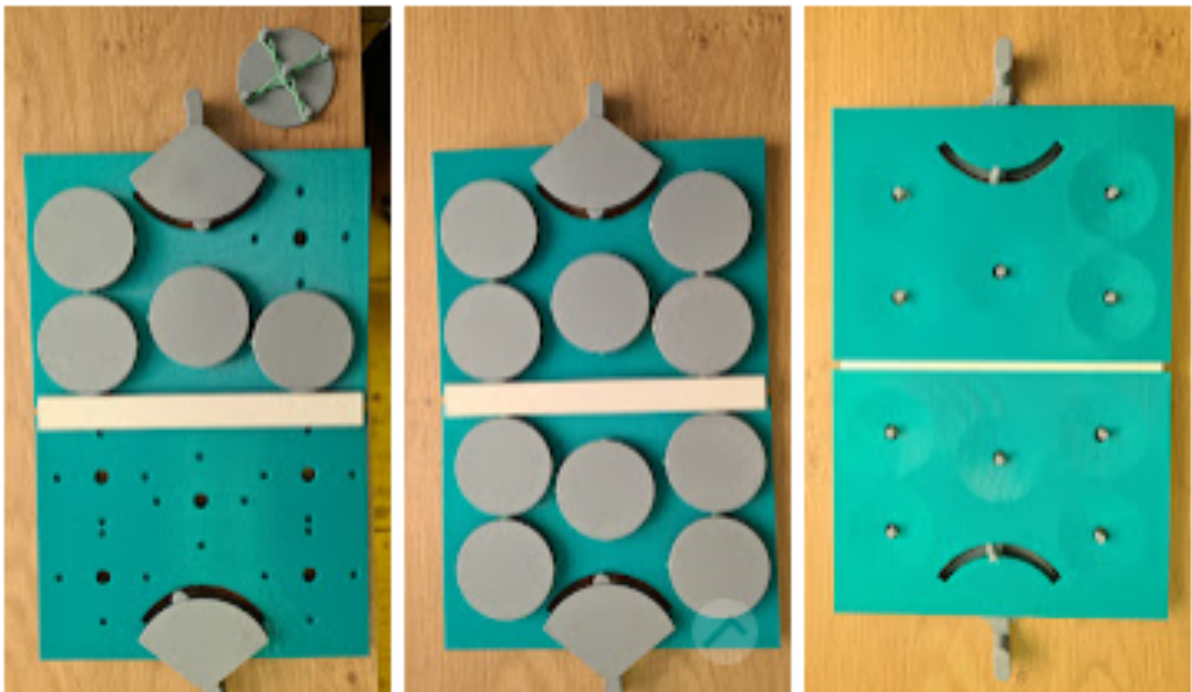
A little bit tricky, but do this 10 times :), last one is easy when you learn.

Be precise, elastic should be strait and the Player Holder exact in the center of the circle.

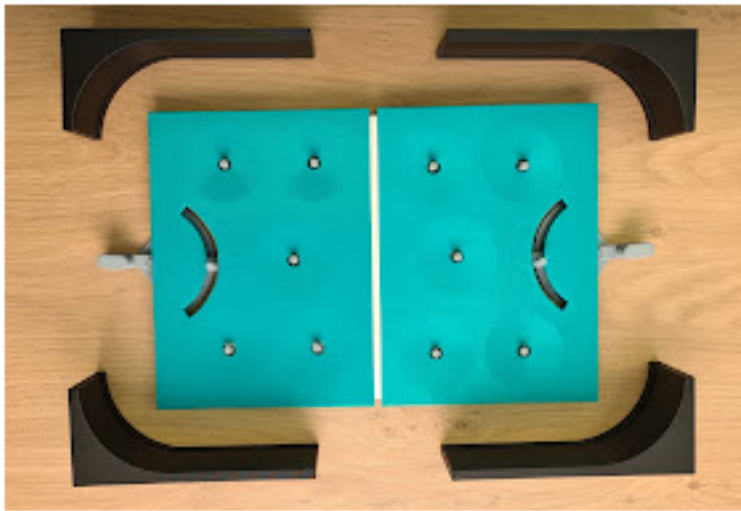
Thanks for GIF tutorial How to do this to 3Ddimensional.de (just click on his picture in a comment)

<https://www.printables.com/model/74135-elastic-football/comments/984366#preview-comment>

5. Put all 10 mechanisms to the prepared holes on HALF Field



6. Prepare Shields and mount them



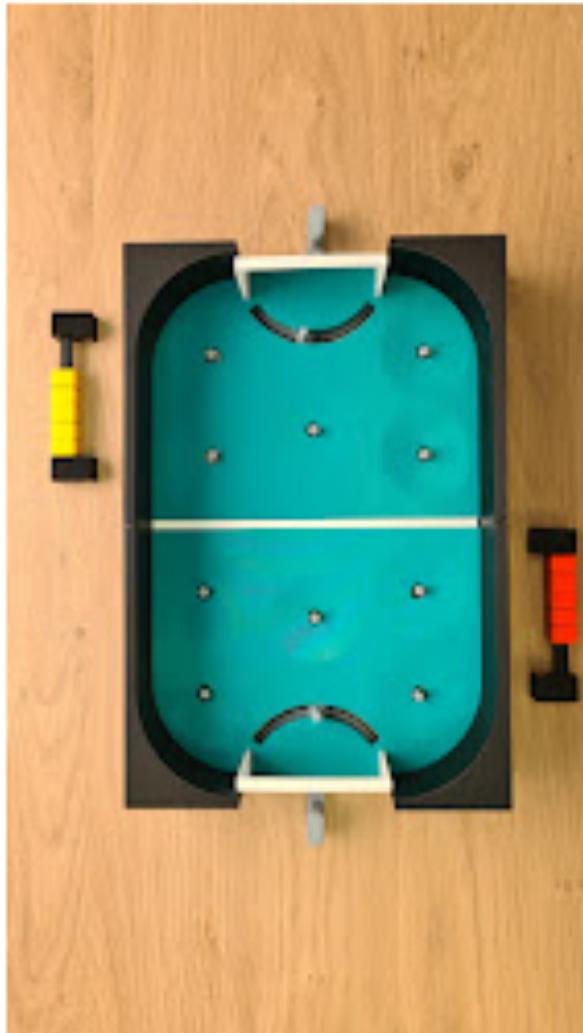
7. Prepare Goals and mount them

Cut the pillar

8. Prepare and mount the counters (**it is one time only build, cant demount!**)

Put Stick 95 (Black) **into** Counter Holder L (Black), **put on it** 5x Poen (yellow) **and close forever with** Counter Holder R (Black).

Repeat this for orange color.



9. Let ALL the players in the game Stick them on FIX Players and FIX Goalkeeper



Get the Ball, PLAY and try to WIN

W

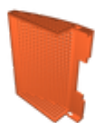
Model files



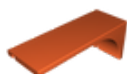
half-field-green.stl



joiner.stl



goal-white.stl



shield-l-black.stl



shield-r-black.stl



counter-holder-l-black.stl



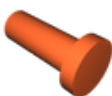
counter-holder-r-black.stl



stick-95-black.stl



fix-player-grey.stl



player-holder-grey.stl



fix-goalkeeper-grey.stl



mover-goalkeeper-grey.stl



player-yellow-orange.stl



poen-yellow-orange.stl



ball-15-white.stl

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