



bunch of pens

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Summary

If space is of your concern you might want to consider to hang your pens instead of wasting desk space.

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If space is of your concern you might want to consider to hang your pens instead of wasting desk space. I use wood beams (44mm x 24mm x 2000mm) between a wall and a shelf to store boxes of stuff (e.g. filament). To make use of the space under the boxes I created these hanging bunch. Print two and place them next to each other.

Variations & Remixes

You might want to hang more pens under each other or need a different diameter. Just download the FreeCAD file and open it with [FreeCAD](#) (free and open). Open the spreadsheet 'sizes' change the values for your diameter and/or number of rows and export the new file for printing.

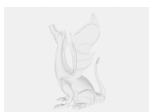
	A	B	C
1			
2	inner diameter	15,10	7,55
3	thickness	1,20	0,60
4	outer	17,50	8,75
5	length	172,45	19,08
6	rows	6,00	
7			
8			
9			
10			

Feel free to change the mounting mechanism for your needs and upload a remix. However I can't help you with that.

Model files



bunch_of_pens-15x6.stl



bunch_of_pens.fcstd

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