Printables by JOSEF PRUSA

Twist 7 dice storage

Val

VIEW IN BROWSER

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Summary

Twist your 7 dice storage with smooth magnet rotation!

23.32 hrs	4 pcs	0.20 mm	0.40 mm	PLA	223 g	Prusa MK3/S/S+

Toys & Games > Board Games

Tags: rotation box dd twist d turning game face 10 magnet dnd dungeons dragons rotating turn 2 4 storage dungeonsanddragons dice storagebox cylinder 9 3 boardgame 5 1 slot 11 turntable 6 7 de dicebox neodym diceholder faces boxes knurl dicegame 8 dices 12 slots rotative 24 des diceset neodyme knurleb

Nice way to store your 7 dice set! (Update 26/03/2023)

Slots are designed to receive dice included in a sphere of 26,5 mm diameter.
Perfect fit for DnD!

There is 7 slots : you have to print it with Prusa Mk3s.
I add a 5 slots model for people who wants to print it with Prusa Mini ;)

Twist mecanism is smooth thanks to magnets inserted into the parts through a pause during printing for external part, and with a bit of glue for central part.
Big magnets in the center for the rotation.
Little magnets on the sides to block rotation in both positions: open/closed.

x2 Central Magnet (Diameter 6 mm - Height 3 mm)
x4 External Magnet (Diameter 5 mm - Height 2 mm)

Enjoy! @Val's Design

Model files

STL Files - 7 slots 2 files

7-dices-storage-central-part.stl

7-dices-storage-external-part.stl

STL Files - 5 slots 2 files

5-dices-storage-central-part.stl

5-dices-storage-external-part.stl

3mf Files - 7 slots (Prusa MK3S)

2 files

7-dices-storage-central-part.3mf

7-dices-storage-external-part-with-2-pauses.3mf

3mf Files - 5 slots (PrusaMini)

2 files

5-dices-storage-central-part.3mf

5-dices-storage-external-part-with-2-pauses.3mf

Print files

GCode - 7 slots (Prusa MK3S)

2 files

7-dices-storage-central-part_02mm_pla_mk3s_7h23m.gcode

PLA 0.40 mm 0.20 mm 7.39 hrs 69 g Prusa MK3/S/S+

7-dices-storage-external-part_with-2-pauses_02mm_pl... .gcode

PLA 0.40 mm 0.20 mm 6.46 hrs 58 g Prusa MK3/S/S+

GCode - 5 slots (PrusaMini)

2 files

5-dices-storage-central-part_02mm_pla_mini_5h6m.gcode

PLA 0.40 mm 0.20 mm 5.10 hrs 52 g Prusa MINI / MINI+

5-dices-storage-external-part_with-2-pauses_02mm_pl... .gcode

PLA 0.40 mm 0.20 mm 4.37 hrs 44 g Prusa MINI / MINI+

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