



Treasure Chest Puzzle Box - Update!

 **3D Printy**

[VIEW IN BROWSER](#)

updated 28. 12. 2024 | published 28. 12. 2024

Summary

A tricky treasure chest puzzle. Now easier to print, assemble, and remix!

[Toys & Games](#) > [Puzzles & Brain-teasers](#)

Tags: [puzzle](#) [treasure](#) [puzzlebox](#) [treasurechest](#)

This update to the [Treasure Chest Puzzle Box](#) is easier to print, assemble, and remix!

Printing

- All parts can be printed without supports.
- Use a brim if you have bed adhesion or curling issues.
- Print the Axle with at least 50% infill. The weight is necessary for it to function.
- Print two copies of the end pieces - one for each side of the chest.

Assembly

- See [video](#) for detailed assembly.
- Test fit parts before gluing.
- If slats do not slide smoothly, sanding the sides down slightly may help. Silicone lubricant like Super Lube can also help.

- To avoid accidentally gluing parts that are supposed to move, only apply glue to the bottom frame when closing up the box.

Styles

- Cube
- Diamond
- Honeycomb
- Inset
- Line
- Plain
- Rib
- Slat
- Template (Great for making remixes)

Options

Heavy Axle

Slightly longer to print, but more mass to help it react reliably to puzzle rotation.

Can I sell copies of this?

Yes! This project was shared under the [Creative Commons - Attribution](#) license.

This license allows selling copies, but you must provide proper attribution, as detailed in the license itself.

Please note that any other projects linked here (remixes or related projects) may have a different license. Please respect those licenses. This license applies only to the model files (STL, 3MF, STEP, F3D) included in this project. It does not apply to photos, videos, my logo, or other supplemental graphics attached to or displayed with this project.

Recommended Attribution Text

"Treasure Chest Puzzle Box (Updated)" (<https://3dprinty.xyz/project/36>) is designed by 3D Printy (<https://3dprinty.xyz>) and shared under a Creative Commons Attribution (CC BY 4.0) license (<https://creativecommons.org/licenses/by/4.0/>).

This remix is based on



Treasure Chest Puzzle Box

by 3D Printy

Model files

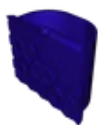


Cube

9 files



cube-frame-bottom.3mf



cube-flip-lid.3mf



cube-latch-top.3mf



cube-frame-end.3mf



cube-latch-left.3mf



cube-latch-right.3mf



cube-axle.3mf



cube-frame-top.3mf



cube-axle-cap.3mf



Diamond

9 files



diamond-axle.3mf



diamond-latch-top.3mf



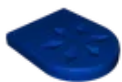
diamond-axle-cap.3mf



diamond-latch-right.3mf



diamond-latch-left.3mf



diamond-frame-end.3mf



diamond-frame-top.3mf



diamond-frame-bottom.3mf

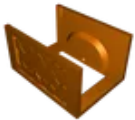


diamond-flip-lid.3mf



Honeycomb

9 files



honeycomb-frame-bottom.3mf



honeycomb-axle-cap.3mf



honeycomb-latch-right.3mf



honeycomb-axle.3mf



honeycomb-frame-end.3mf

	honeycomb-latch-left.3mf
	honeycomb-flip-lid.3mf
	honeycomb-latch-top.3mf
	honeycomb-frame-top.3mf

 Inset 10 files	
	inset-axle.3mf
	inset-latch-right.3mf
	inset-axle-cap.3mf
	inset-latch-top.3mf



inset-frame-bottom.3mf

inset-assembled.step



inset-frame-end.3mf



inset-latch-left.3mf



inset-flip-lid.3mf



inset-frame-top.3mf

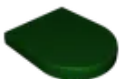


Line

9 files



line-frame-top.3mf



line-frame-end.3mf



line-flip-lid.3mf



line-axle.3mf



line-axle-cap.3mf



line-latch-left.3mf



line-latch-top.3mf



line-latch-right.3mf

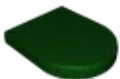


line-frame-bottom.3mf



Plain

9 files



plain-frame-end.3mf



plain-frame-top.3mf



plain-axle.3mf



plain-axle-cap.3mf



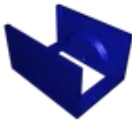
plain-latch-top.3mf



plain-latch-right.3mf



plain-latch-left.3mf



plain-frame-bottom.3mf



plain-flip-lid.3mf

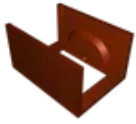


Rib

9 files



rib-frame-top.3mf



rib-frame-bottom.3mf



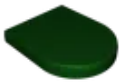
rib-flip-lid.3mf



rib-latch-top.3mf



rib-latch-left.3mf



rib-frame-end.3mf



rib-latch-right.3mf



rib-axle.3mf



rib-axle-cap.3mf



Slat

9 files

slat-latch-left.3mf



slat-axle.3mf



slat-latch-right.3mf



slat-flip-lid.3mf



slat-frame-bottom.3mf



slat-frame-top.3mf



slat-axle-cap.3mf



slat-latch-top.3mf



slat-frame-end.3mf



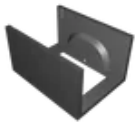


Template

9 files



template-flip-lid.3mf



template-frame-bottom.3mf



template-frame-top.3mf



template-frame-end.3mf



template-latch-left.3mf



template-latch-top.3mf



template-axle-cap.3mf



template-latch-right.3mf



template-axle.3mf



Assembled

9 files

all-assembled.step

cube-assembled.step

diamond-assembled.step

honeycomb-assembled.step

line-assembled.step

plain-assembled.step

rib-assembled.step

slat-assembled.step

template-assembled.step



Optional

1 file



option-heavy-axle.3mf



Loose Latches

18 files



cube-latch-left-loose.3mf



cube-latch-right-loose.3mf



cube-latch-top-loose.3mf



diamond-latch-left-loose.3mf



diamond-latch-right-loose.3mf



diamond-latch-top-loose.3mf



honeycomb-latch-left-loose.3mf



honeycomb-latch-right-loose.3mf



honeycomb-latch-top-loose.3mf



line-latch-left-loose.3mf



line-latch-right-loose.3mf

	line-latch-top-loose.3mf
	plain-latch-left-loose.3mf
	plain-latch-right-loose.3mf
	plain-latch-top-loose.3mf
	rib-latch-left-loose.3mf
	rib-latch-right-loose.3mf
	rib-latch-top-loose.3mf

License ©

This work is licensed under a
[Creative Commons \(4.0 International License\)](#)



Attribution

✗ | Sharing without ATTRIBUTION

- ✓ | Remix Culture allowed
- ✓ | Commercial Use
- ✓ | Free Cultural Works
- ✓ | Meets Open Definition