



Treasure Chest Puzzle Box - Update!

 **3D Printy**

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Summary

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

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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.

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.

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This remix is based on



Treasure Chest Puzzle Box

by 3D Printy

Model files

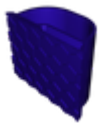


Cube

9 files



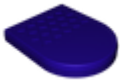
cube-frame-bottom.3mf



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



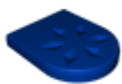
diamond-axle-cap.3mf



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



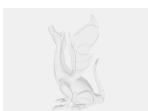
inset-axle-cap.3mf



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



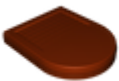
slat-frame-top.3mf



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

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