



Lovely Puzzle Box - Mini

 **3D Printy**

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Summary

This smaller version of the Lovely Puzzle Box requires no magnets and uses slide out lids.

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[puzzlebox](#)

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Printing

All parts of this design can be printed with zero supports.

If your printer experienced curling, add a brim to all parts that have sharp corners.

Depending on your printer, you may need to sand the edge of the lids to get them to fit into the frames. This was not required in my test prints.

Assembly

1. Attach the key to the left frame and secure with one M3 bolt that's 8-10mm long.
2. Slide lids into each frame.
3. Connect the two sides frames in the shape of a heart.
4. Twist the frame parts to lock them into a rectangular shape.

Tips

Depending on your print, you may want to keep the key a little loose so there is flex for the two halves of the heart to snap together.

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Lovely Puzzle Box

by 3D Printy

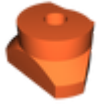
Model files



frame-left.stl



frame-right.stl



key.stl



lid-left.stl



lid-right.stl



lovely-puzzle-box-mini.step

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