



## Fourth Dimension Puzzle

 **G Bell**

[VIEW IN BROWSER](#)

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### Summary

Another Coffin classic!



6.31 hrs



2 pcs



0.20 mm



0.40 mm



PLA



69 g



Prusa  
MK3/S/S+

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This is Stewart Coffins design #94. Print two copies of each piece. The pieces need supports “everywhere”. To stop Slicer from putting in too many supports, I set “Overhang threshold” to 30 degrees. You only need supports for the horizontal surfaces.

This puzzle assembles into two different shapes, both using coordinate motion. This puzzle is not as difficult as you might think. A piece can only connect to a mirror piece in a few ways. It's very satisfying when the pieces all go together. If the pieces are tight, they can be difficult to get apart.

## Model files



**4dpiece1\_unit12.3mf**

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**4dmpiece1\_unit12.3mf**

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**4dpiece1\_4printing.stl**

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**4dpiece2\_4printing.stl**

## Print files



**4dpiece1\_unit12\_02mm\_pla\_mk3s\_3h9m.gcode**

🌀 PLA 🌀 0.40 mm ≡ 0.20 mm ⌚ 3.15 hrs ⚖️ 34 g 🖨️ Prusa MK3/S/S+

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**4dmpiece1\_unit12\_02mm\_pla\_mk3s\_3h10m.gcode**

🌀 PLA 🌀 0.40 mm ≡ 0.20 mm ⌚ 3.16 hrs ⚖️ 34 g 🖨️ Prusa MK3/S/S+

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