  
3D MODEL ONLY

## Pentomino Puzzle



Pentoma

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### Summary

a 2-dimensional and 3-dimensional polyform puzzle

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Pentominos originally consist of 5 squares each. In these puzzles, however, they consist of 5 cubes each. This allows you to build both 2-dimensional and 3-dimensional figures.

There are 3 different boxes available:

The 3x4x5 box uses the 12 pentominos. This puzzle is the most difficult one, although it has 3940 different solutions.

For the 1x8x8 box, the O-tetromino is needed in addition to the 12 pentominos.

For the 1x5x5 box, only 5 pentominos are needed. For example, you can use the I, Y, U, P and L pentominoes.

Besides the shapes shown above, there are many more shapes you can build with the pentominos.

Solution videos for the 3-dimensional figures shown are available on YouTube:

<https://www.youtube.com/watch?v=Z4EUcewqSFE>

<https://www.youtube.com/watch?v=hGFsGo-Kln8>

[https://www.youtube.com/watch?v=1-ktkuzeA\\_k](https://www.youtube.com/watch?v=1-ktkuzeA_k)

<https://www.youtube.com/watch?v=PPscylGep-8>

More information about puzzles whose pieces consist of simple geometric shapes (polyforms) can be found at

<https://www.pentoma.de/> (german)

auf <https://www.pentoma.de> gibt's Infos, Downloads von Lösungsprogrammen, Bastelvorlagen, Figurenvorlagen von Legespielen wie Tangram, Soma-Würfel, Pentomino, Hexiamond, Tetrahex etc

## Model files



**pentomino\_f.stl**



**pentomino\_i.stl**



**pentomino\_l.stl**



**pentomino\_n.stl**



**pentomino\_p.stl**



**pentomino\_t.stl**



**pentomino\_u.stl**

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**pentomino\_v.stl**

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**pentomino\_w.stl**

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**pentomino\_x.stl**

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**pentomino\_y.stl**

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**pentomino\_z.stl**

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**tetromino\_o.stl**

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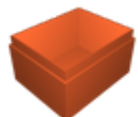
**pentomino-box\_1x8x8.stl**

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**pentomino-top\_1x8x8.stl**

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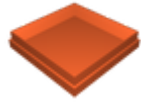


**pentomino-box\_3x4x5.stl**

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**pentomino-top\_3x4x5.stl**



**pentomino-box\_1x5x5.stl**



**pentomino-top\_1x5x5.stl**

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