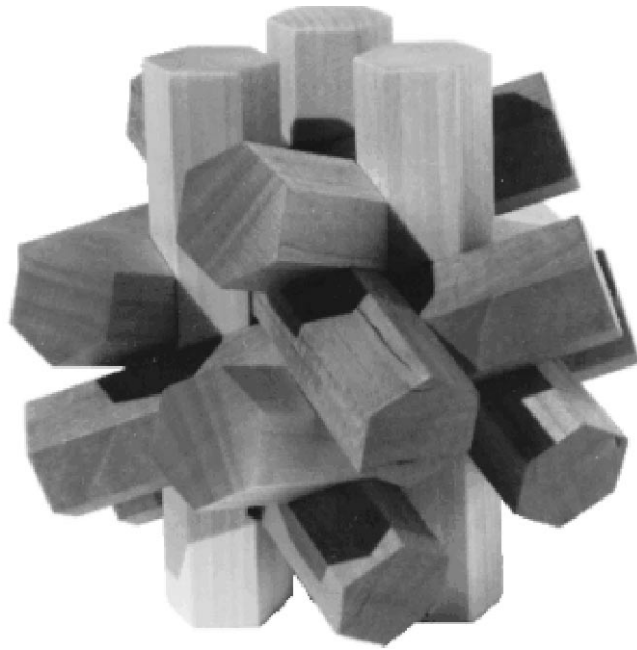


# *HecTix*

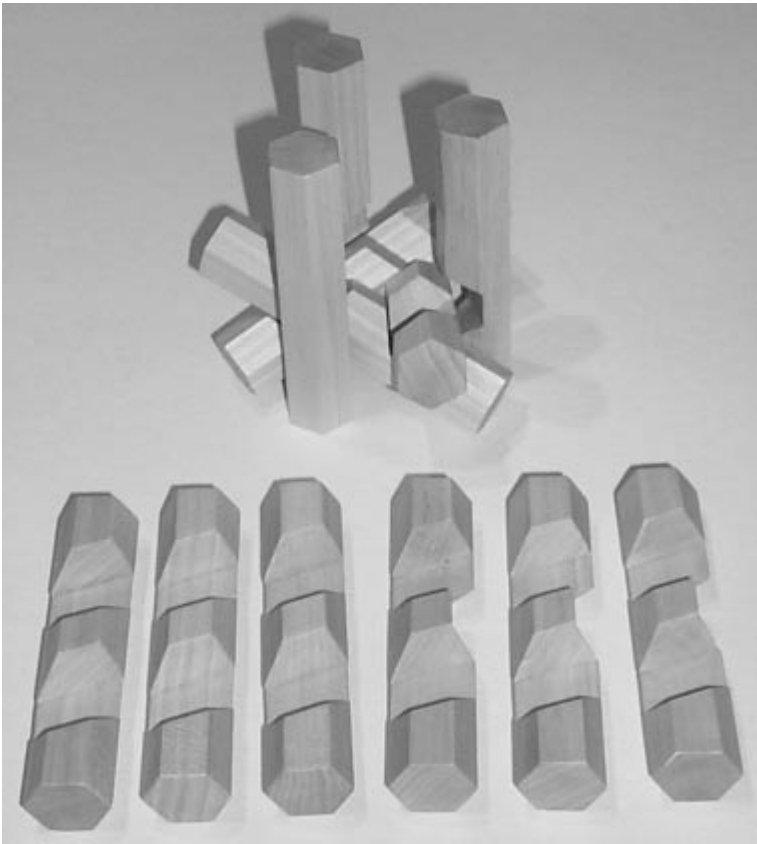


*Assemble the twelve pieces into the shape shown above. Make sure that pieces of the same wood are parallel in the final assembly.*

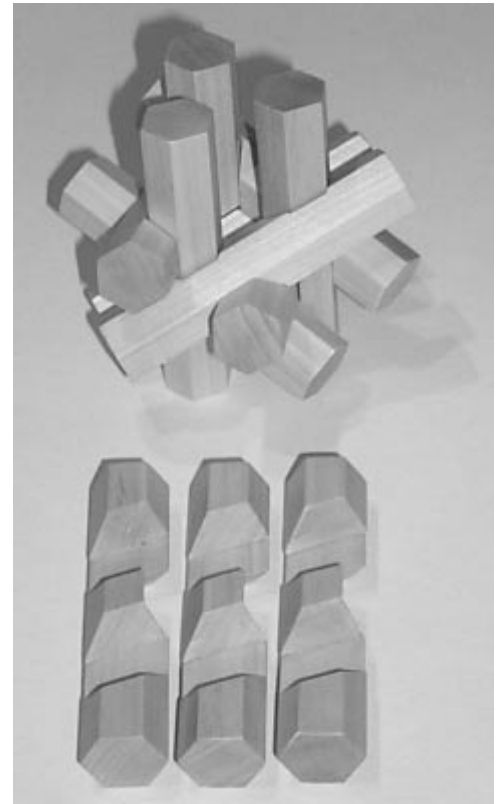
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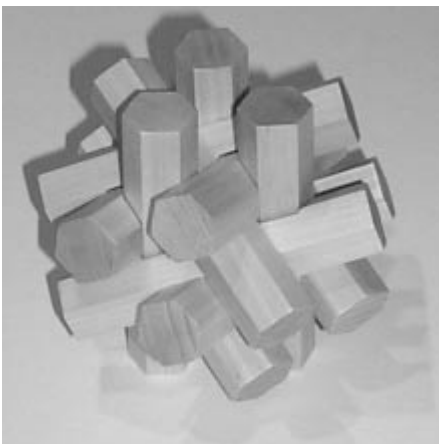
Designed by: Stewart Coffin  
Made by: Karin & Jürg von Känel  
2 Fairview Road  
Mahopac, NY 10541  
USA  
e-mail: [jvk@woodpuzzles.com](mailto:jvk@woodpuzzles.com)



First assemble 3 piece with 2 notches to build a cradle then add the 3 pieces with one notch each standing up to hold this fragile constellation together. Note, if you do not have any pieces with just one notch then use pieces with 2 notches instead.



Now take three more pieces with 2 notches and add them as shown as a ring around the other six pieces. They can only be moved in as a unison.



Last add the three pieces with 3 notches each. Again they can only slide in as a unison. But it helps to put one in first, then the next one, then take out those two again, add the third one and slide all of them back in.

There is another solution if you start out using 2 pieces with 2 notches and 1 piece with 3 notches to build the lowest cradle. It ends with sliding in a few pieces at the end together, but is basically the same solution as the one above.

If your puzzle has only pieces with 2 or 3 notches (none with just 1) then there is a third solution where the pieces with 3 notches are parallel.

I personally prefer puzzles where there are three pieces with only 1 notch because that leaves no internal holes within the hexagonal wooden pieces. There obviously is still a central hole in the shape of a rhombic dodecahedron.