



The goal of this moderately difficult puzzle is to assemble the five identical “ribs”, shown above, into a ring-like structure. Three different views of the assembled 30-cell are shown below.



Each rib is made from six dodecahedral cells, giving the puzzle its name. It is based on the 120-cell, one of the six regular polytopes in four-dimensional space. When assembled the 30-cell is a part of the *stereographic projection* of the *radial projection* of the 120-cell in four-space to the three-sphere to three-space. The puzzle can be bought from Shapeways.

<http://shpws.me/jzMY>