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Burr in a Cube #1

Millennium Edition



IPP 20 Exchange Puzzle by
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The burr fell out of the cube, get it back in!

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Solution:

If we look at regular 6-piece burrs, it can be easily seen that they can be enclosed in a cube. I was interested in the question "What is the highest level of a six-piece burr puzzle which has a unique solution outside the cube and can also be assembled inside the cube?". Unfortunately for notchable burrs the answer is none. However, there are a few notchable burrs which are level 4 and unique when assembled inside a cube, but they are of lower level and not unique when assembled outside.

Burr in a Cube #1 is the level 4 notchable six-piece burr with the least number of internal voids.

