



Competition for Rubik's Cube

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As a child of the Rubik's Cube generation, I absolutely adore these 3D printed puzzles designed by Oskar van Deventer. He has taken Rubik's challenge to an entirely new level, and Guinness World Record, with his 17x17x17 "Over the Top" puzzle. It's a bit awkward to manipulate, has over 1500 parts, and is extremely expensive (\$1600.00) but there is no denying that it's just awesome. Oskar makes dozen's of puzzles, many of which are for sale in his Shapeway's shop and documented on his You Tube Channel. It's mesmerizing to watch. [Check it out here.](#)



As described on his Shapeway's profile

Oskar started designing his puzzles as a boy at the age of 12 in the Netherlands. More than 30 years later, he has a reputation as one of the world's most prolific puzzle creators. Oskar first started 3D printing twisty puzzles thanks to [Bram Cohen](#), who began posing challenges to Oskar back in 2008. Today, several of his innovations are being sold in traditional toy stores and lots more are available through 3D printing in his [Shapeways Shop](#). Most recently, Oskar's twisty puzzles have been used as a very original way to propose.

When Oskar heard of the world records being set for twisty puzzles, like the 7x7x7, 9x9x9 and 11x11x11 by [Panagiotis Verdes](#) from Greece, he wanted to try his hand at setting a new record himself. With sponsorship from his close friend [Claus Wenicker](#), Oskar set about designing and testing a number of prototypes, and his third attempt was printed successfully with Shapeways. Sorting and dyeing all 1539 pieces took Oskar 10 hours of work, followed by 5 hours of assembling. The result is an oversized (140 millimeter, 5.5 inches) and fully functioning "Over The Top" 17x17x17 puzzle.

