

37

Rescube

Puzzle Goal: Release the inside shape from the cube.

Materials: Pine and plywood

Classification: Sequential movement



38

Sequential Star

Puzzle Goal: Disassemble and reassemble.

Materials: Bois de rose, verawood, narra, steel pins

Classification: Interlocking soli



39

Simple Three Piece Burr

Puzzle Goal: Assemble three pieces into an interlocking burr. Absolutely NO FORCE is required.

Materials: Cherry wood

Classification: Interlocking burr



40

Sliding Bar Puzzle Box

Puzzle Goal: Open the box by operating the box's locking mechanism and sliding open the box.

Materials: Purpleheart, walnut, padauk, yellowheart, cocobolo

Classification: Trick-opening



41

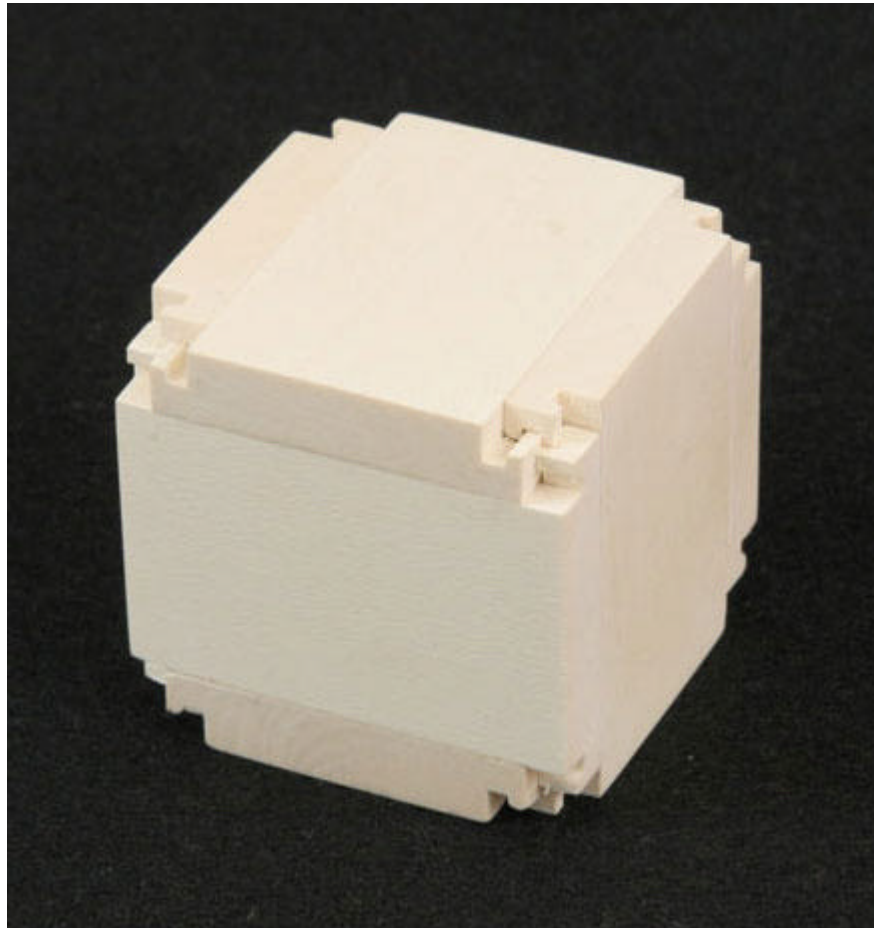
Snowflake

Puzzle Goal: Open the box through seven sequential steps.

As a secondary goal once the box is open, the entire box can be dismantled into its 6 individual pieces and reassembled back into a working puzzle box.

Materials: Holly

Classification: Take-Apart



42

Soleilla

Puzzle Goal: Put the 5 identical pieces together to form a cylinder (sun) with 10 edges.

Materials: Wood

Classification: 3D Assembly



43

Square Dissection

Puzzle Goal: The puzzle is a wooden square, dissected into five pieces. The problem is to take the pieces apart, without breakage and then to re-assemble.

Materials: Wood

Classification: Dissection/Interlocking



44

Square Ring

Puzzle Goal: To disassemble the ring, and reassemble.

Materials: Sterling silver

Classification: Take-apart



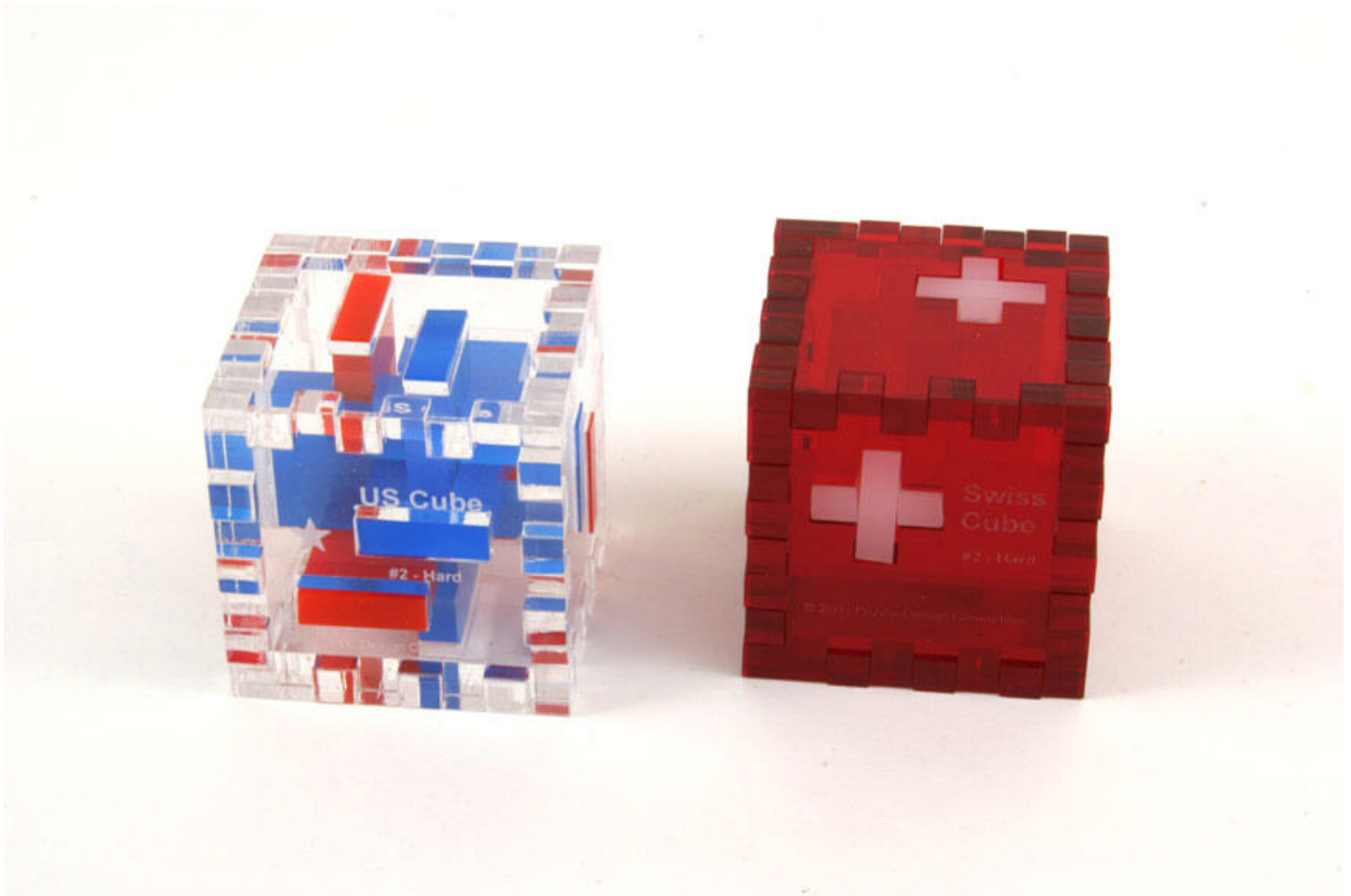
Swiss and US Cubes

Puzzle Goal: The objective of the Swiss Cube is to remove the three Swiss cross pieces. For the US Cube it is to remove the blue and red pieces. Then put them all back into the cubes.

Note: Don't try to take the cubes apart

Materials: Acrylic

Classification: Framed Burr



46

The Hill

Puzzle Goal: Assemble the six pieces to form the polyhedral solid.

Materials: Maple

Classification: Interlocking Solid



47

The Maze Burr

Puzzle Goal: Solve the sequence to open up the Maze Burr, take it apart, and re-assemble it.

Materials: Ebony, Cylon, Satinwood, Maple

Classification: Take apart



48

The Trouble With U

Puzzle Goal: Remove the pieces and construct various shapes: a 4x4x4 cube, a 5x5x2 prism, an 8x4x2 prism, and a 7x4x2 prism.

Materials: Exotic hardwood: pink ivory, kingwood, tulipwood, bois de rose, Macassar ebony, Ziricote, Chakte Viga, cocobolo, figured Tasmanian blackwood, African blackwood

Classification: 3D Assembly



49

Three Totally Trapped Sages

Puzzle Goal: Remove the three pieces from the cubic structure, and reassemble the cube.

Materials: Walnut and canarywood

Classification: Interlocking, framed burr



50

Three Trapped Sages

Puzzle Goal: Remove the three pieces from the cubic structure, and reassemble the cube.

Materials: Walnut and canarywood

Classification: Interlocking, framed burr



51

Toblerone Puzzle

Puzzle Goal: Take the puzzle apart, eat chocolate, purchase new chocolate, re-assemble.

Materials: Nut and hornbeam

Classification: Interlocking



Trick Domino Aligned

Puzzle Goal: Mix up, then restore the cube.

Materials: ABS and Polyurethane resin

Classification: Rotating Cube

Notes: Despite the 2x2x2 appearance, this is really a 3x3x2 Domino puzzle.



53

Trick Domino Twisted

Puzzle Goal: Mix up, then restore the cube.

Materials: ABS and Polyurethane resin

Classification: Rotating Cube

Notes: Despite the 2x2x2 appearance, this is really a 3x3x2 Domino puzzle, with the orientations of the top and bottom halves "twisted".



54

Triples

Puzzle Goal: Assemble the 8x4x3 block.

Materials: Wood

Classification: 3D Assembly

