

Square Slide-Together

RHOMBICOSIDODECAHEDRON

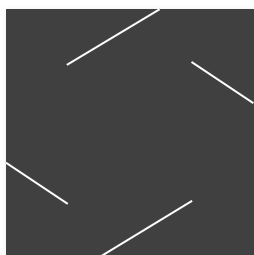


Figure A

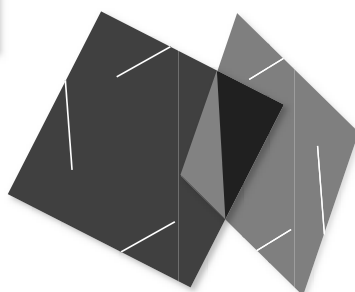


Figure B

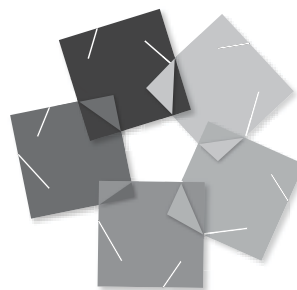


Figure C



Figure D

1. Die-cut 30 Square Slide-Togethers from multiple colors of tag board, laminated cardstock or Poly Foam. Heavier materials make a stronger polygon. There are two long and two short slits on each Square (Figure A).
2. Assemble the rhombidodecadodecahedron by sliding two Squares together at the top, interlocking a long and a short slit and sliding them firmly together (Figure B).
3. Add another Square to the left using the slit on the top edge. Add two more Squares until there are five Squares. Slide the 5th and the 1st Squares together forming a pentagon-shaped hole (Figure C).
4. Using the bottom of one of the five connected Squares, add a Square to the left and a Square to the right. These newly connected Squares also need to be joined to the adjacent Squares (that formed the first pentagon).
5. Add two more Squares to the three Squares in step 4, sliding the 5th and 1st Squares together forming a second pentagon-shaped hole.
6. Continue to add Squares until all 30 Squares are used and all the slots are interlocked. Keep the Squares fairly flat. Each Square forming a side of a pentagon-shaped hole will form a second pentagon-shaped hole on the opposite side (Figure D).

19070 Square Slide-Together

Other Slide-Together Polygons: 19072 Decagon, 19066 Hexagon, 19068 Pentagon, 19064 Triangle