

Solution for puzzle H&H, Hanayama

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Introduction

The puzzle "H&H" consists of two pieces. Piece 1 has the inscription "H&H" and "HANAYAMA" on it - see picture below. Please **always** hold this piece **horizontally** in front of you with both inscriptions pointing upwards (=readable). Piece 2 is also shown in the drawing below. Please note its exact orientation by the help of the "notch" (at mark number 4) and the angle of the notches at the marks with the numbers 2 and 3.

For writing down a specific arrangement of the two pieces later on, both holes have been given marks (from 1 to 8 - blue at piece one and orange at piece two). Piece number 2 also gets letters A-D for the left/right/top/bottom side of that piece.

Syntax:

When both pieces are linked together, they touch themselves at the inside of their holes. The position of their touching points are used to identify the relative arrangement of the two pieces. As piece 1 always will be held horizontally, only piece 2 has to be moved around. This leads to the definition of a position:

(#1, #2, #Z)

where

#1 = touching point of piece 1

#2 = touching point of piece 2

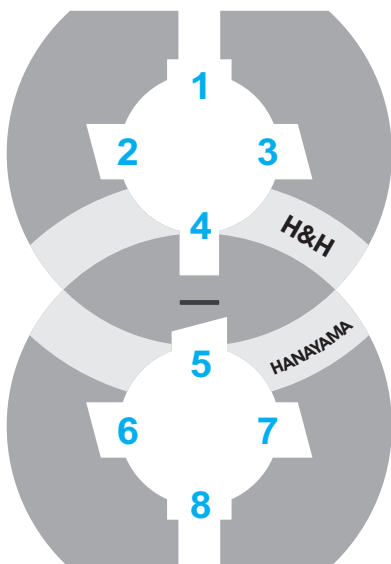
#Z = letter A-D of piece 2 that is facing upwards

Example:

Position (8,1,A) describes the arrangement of the pieces where at piece number 1 on mark 8 piece number 2 is touching with mark 1 - and the orientation of piece 2 is such that its edge A is facing upward.

(There are arrangements with more than one possibility of using the given syntax. In this case, the numbering with the lowest number for piece 1 is used.)

piece 1



piece 2

