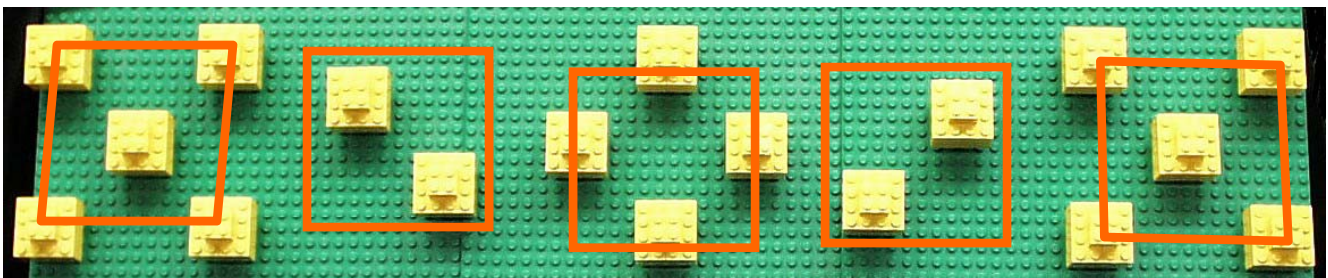# Diamond
(whole atoms)

LEGO unit representing atoms in this structure:

This atom model requires:
4 yellow 2x4 bricks
2 yellow 2x2 bricks

This model requires:
72 yellow 2x4 bricks
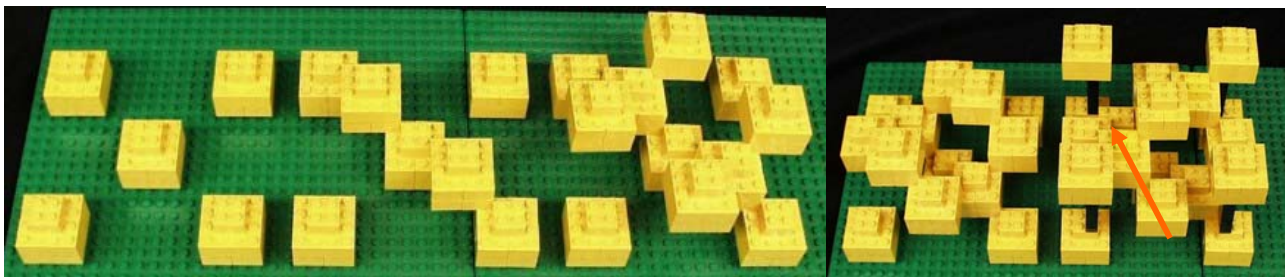36 yellow 2x2 bricks
16 black 1x1 bricks

Z=0   **Z=¼**   **Z=½**   **Z=¾**   **Z=1**

These are supports made from four 1x1 bricks.

Side view of diamond structure:

Tetrahedral bonding in diamond structure: