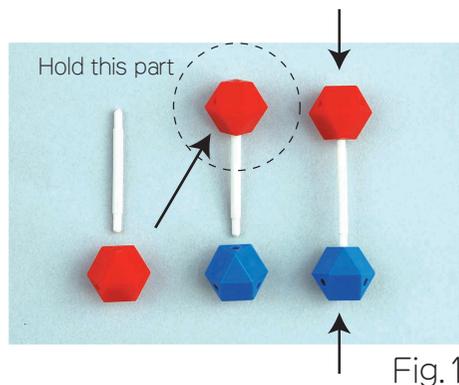


## Insertion/Removal of Atoms and Bonds for HGS Molecular Structure Model

“Atoms” and “Bonds,” in the HGS Molecular Structure Model, are made to be tightly connected to each other. This is to stabilize conformation and enable easy reconfiguration to other conformations. However, at times, inserting Bonds into the Atoms can cause pain in your fingers, or the Bonds can break during removal. To avoid such troubles, the following precaution should be observed:

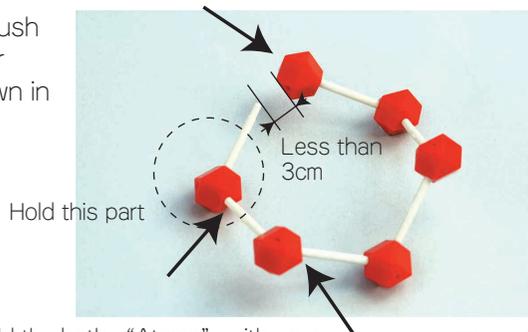
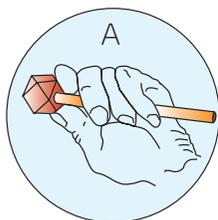
### To Insert

To avoid pain in your finger, place an Atom on both sides of a Bond and apply pressure from both directions.



### To Disassemble Large Models

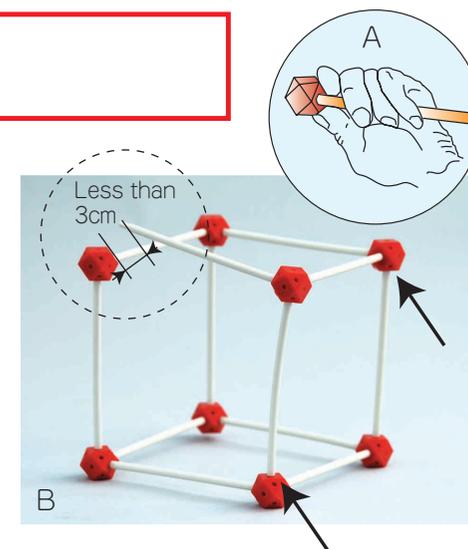
Holding Bond with one hand, push out the arrowed Atom with your index finger and thumb as shown in Fig.A



If you hold the both “Atoms” with your hands and pull apart too largely, the arrowed part may be fractured.

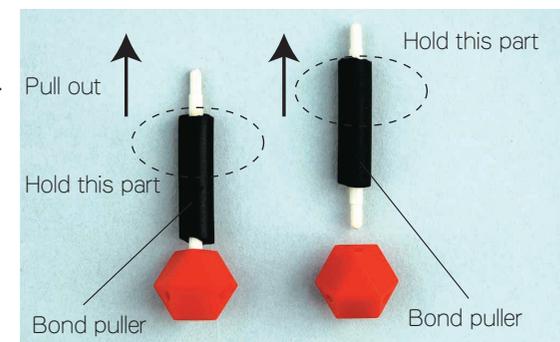
Moreover, when you disassemble a crystal model, to remove Bond from Atom, please hold Bond using one hand as shown in the illustration A and apply pressure with finger and thumb.

Do not pull Bond more than 3 cm from Atom, for doing so will apply force on bonds diagonally away and thus cause it to break. See illustration B.



### To Remove Bond from Atom

Place the Bond in the Bond puller to pull the Bond straight away from the Atom.



### For Safety Use

1. It is recommended that students older than elementary school age and adults use this product. Never use this product as a toy for small children. Do not step on parts or assembled product, for it may cause unexpected injury.
2. Keep this product away from small children.
3. Never put this product in one's mouth.
4. Never use this product near fire.
5. Dispose separately as a plastic product.
6. Never dispose of this product into sea or river.