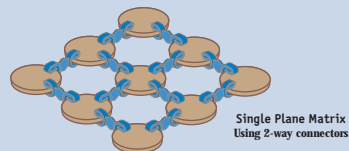
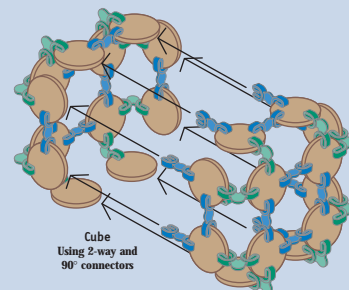


## Basic and Starter Shapes

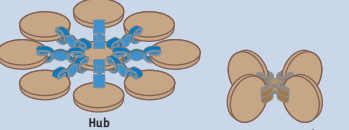
Use these illustrations to build basic and "starter" shapes. Once you know how to build these basic shapes, you will be able to build anything your imagination allows! Remember, not all kits have every kind of connector. Check the description to the right to see which connectors are included in this kit.



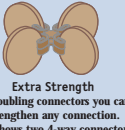
Single Plane Matrix  
Using 2-way connectors



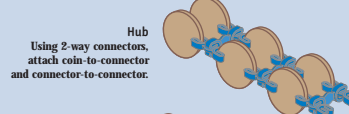
Cube  
Using 2-way and 90° connectors



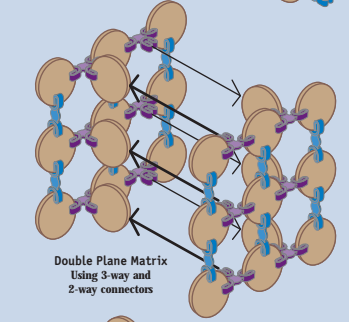
Hub  
Using 2-way connectors



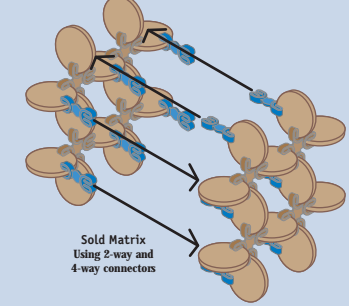
Extra Strength  
By doubling connectors you can strengthen any connection. (This shows two 4-way connectors.)



Hub  
Using 2-way connectors, attach coin-to-connector and connector-to-connector.



Double Plane Matrix  
Using 3-way and 2-way connectors



Sold Matrix  
Using 2-way and 4-way connectors

## Building a Helicopter

Coins needed to build your helicopter:  
(94) pennies (24) nickels

Construction connectors needed to build your helicopter:  
(88) 2-way (84) 90° (42) 3-way (2) 4-way

**STEP 1 Tail**

**1A**  
16 2-way  
6 3-way  
8 pennies

**1B**  
6 2-way  
11 pennies

**2X**

**STEP 2 Rudder**

**2A**  
7 2-way  
5 3-way  
4 pennies

**2B**  
1 2-way  
2 3-way  
5 3-way  
2 4-way  
12 pennies

**2C**  
7 2-way  
5 3-way  
4 pennies

**STEP 3 Tail/Rudder Assembly**

Tail

Rudder

**STEP 4 Landing Gear**

6 2-way 4 3-way 8 nickels

**2X**

**STEP 5 Helicopter Blades**

24 2-way 16 nickels

**4X**

**STEP 6 Fuselage Nose**

**6A**  
8 2-way  
12 2-way  
8 pennies

**6B**  
3 2-way  
2 3-way  
6 pennies

**2X**

**STEP 7 Fuselage**

**7A Rear**  
8 2-way  
12 2-way  
4 3-way  
9 pennies

**7B Front**  
6 2-way  
16 2-way  
7 pennies

**7D Side Wall**  
14 2-way  
12 pennies

**7C Floor**  
8 2-way 4 3-way 6 pennies

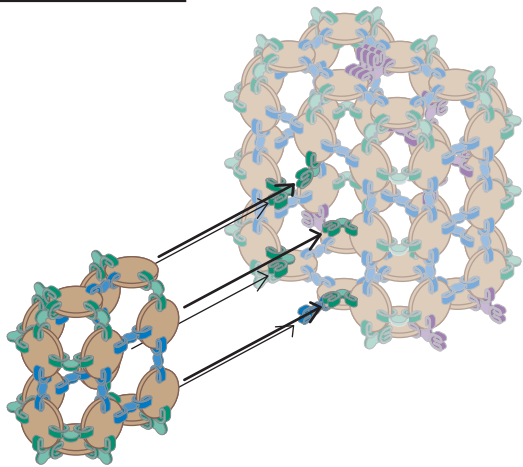
**7E Roof**  
6 2-way  
4 3-way  
3 4-way  
6 pennies

**STEP 8 Fuselage Assembly**

**7D** **7D** **7E** **7B** **7A**

**7C**

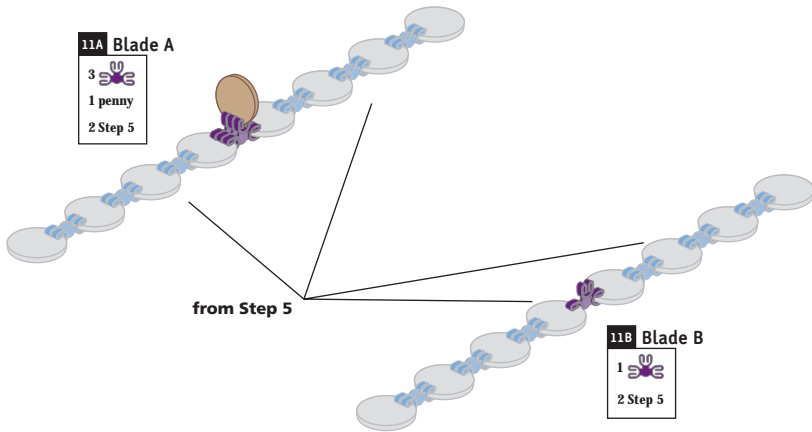
**STEP 9** Nose/Fuselage Assembly



**STEP 10** Blades

**11A Blade A**

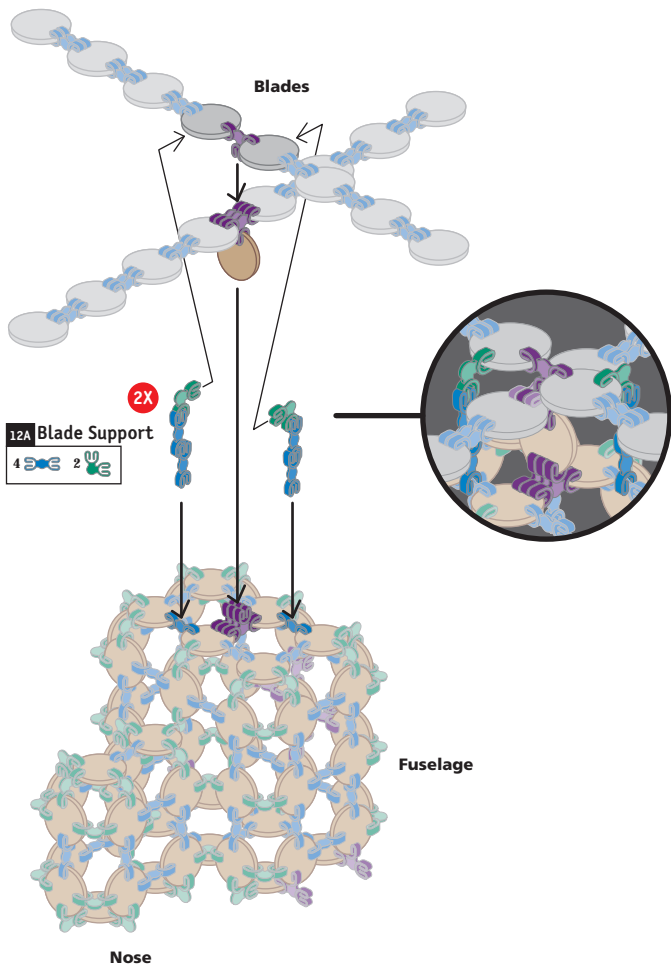
- 3
- 1 penny
- 2 Step 5



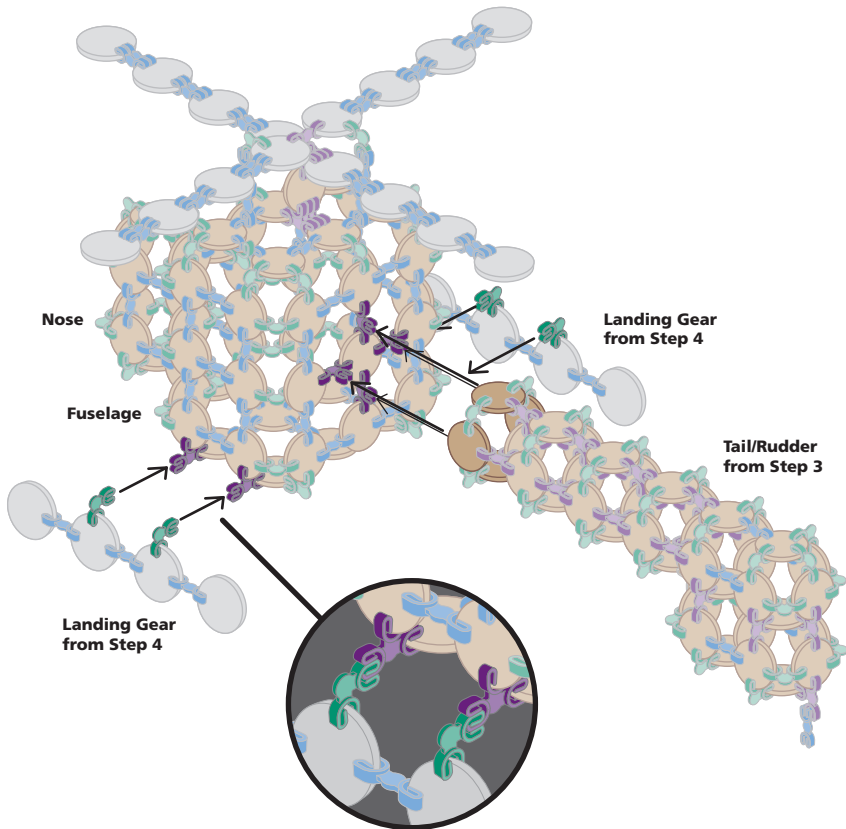
**11B Blade B**

- 1
- 2 Step 5

**STEP 11** Blades to Fuselage Assembly



**STEP 12** Landing Gear/Tail/Rudder Assembly



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Build more fun with these additional kits.

**EI-4030 Castle**  
Kit includes over 600 pieces

**EI-4041 Skyscraper**  
Kit includes over 100 pieces

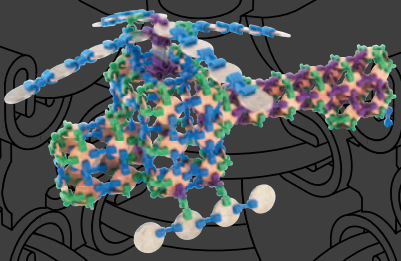
**EI-4028 Robot**  
Kit includes over 400 pieces

**EI-4039 Biplane**  
Kit includes over 100 pieces

**Coinstruction**  
The fun way to make your money grow!

EI-4026 Ages 5+  
**Coinstruction**  
 The fun way to make your money grow!

**Building a Helicopter**



**WARNING:**  
 CHOKING HAZARD—Small parts.  
 Not for children under three (3) years.

**Educational Insights**