

EIFFEL
TOWER

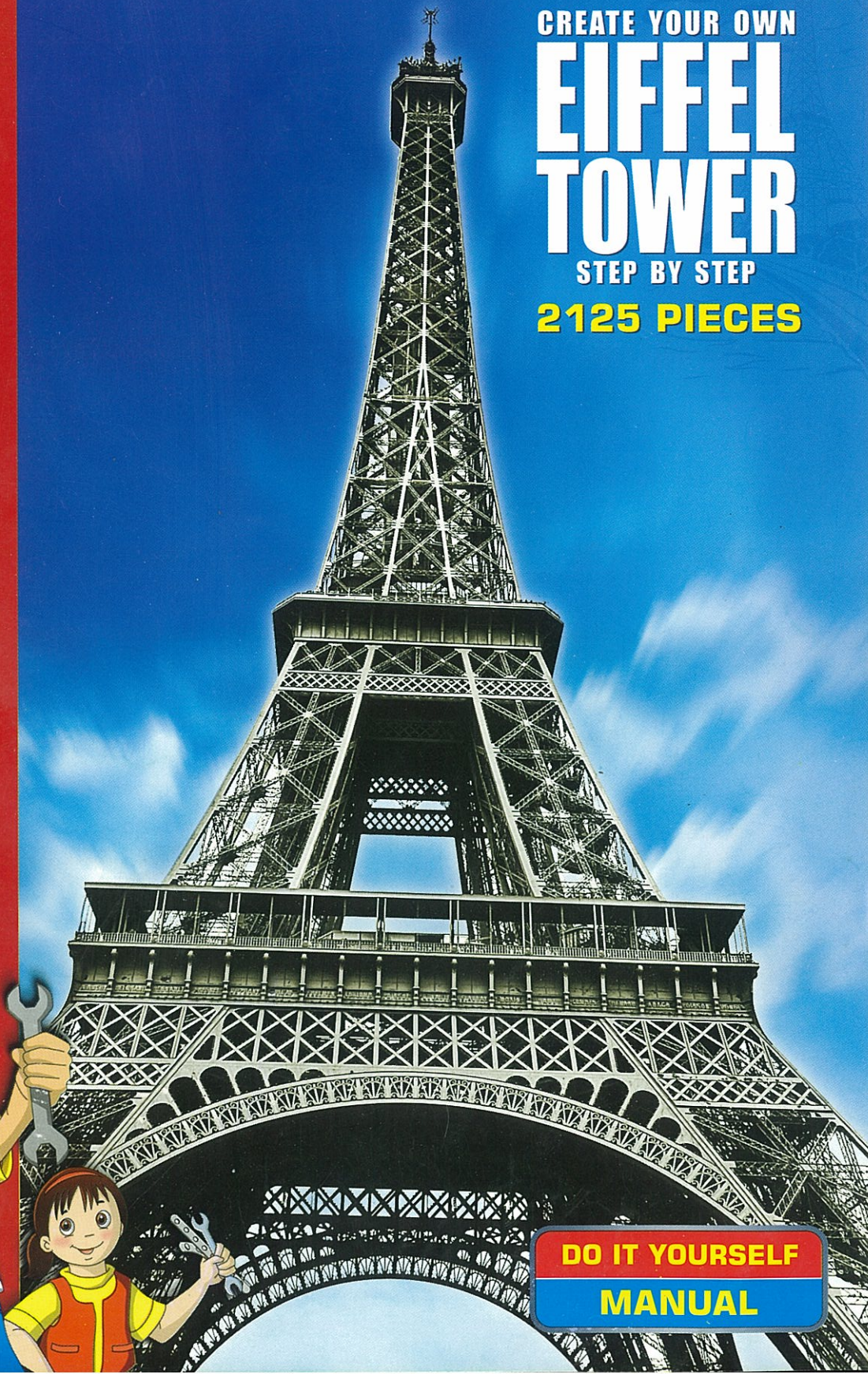


CREATE YOUR OWN

EIFFEL TOWER

STEP BY STEP

2125 PIECES



**DO IT YOURSELF
MANUAL**

MECHANIX

ENGINEERING SYSTEM FOR THE CREATIVE KIDS

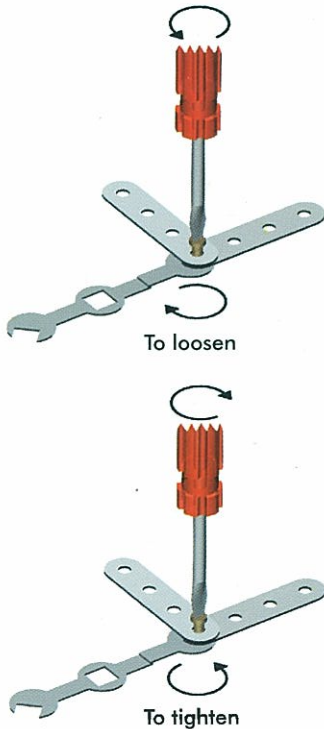


Dear Friend!

Zephyr brings yet another International class engineering set of Mechanix for you. To have fun & learn. This set contains 2125 pieces, crafted from high quality Steel, which are powder coated & selected tools. All of these are friendly to your little hands so that you have fun while creating the **EIFFEL TOWER**.

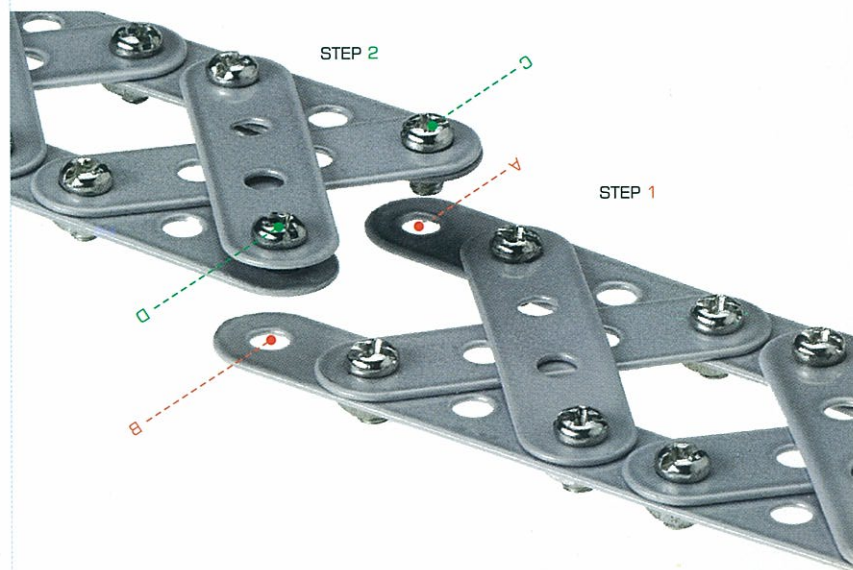
So come on get started!

BASIC FITTINGS



The piece with green marking will always come on top. The piece with red marking is always attached from below. Follow this pattern in all assemblies.

See example shown below.





Eiffel Tower History

The Eiffel Tower was built for the International Exhibition of Paris of 1889 commemorating the centenary of the French Revolution. The Prince of Wales, later King Edward VII of England, opened the tower. Of the 700 proposals submitted in a design competition, Gustave Eiffel's was unanimously chosen. However it was not accepted by all at first, and a petition of 300 names - including those of Maupassant, Emile Zola, Charles Garnier (architect of the Opéra Garnier), and Dumas the Younger - protested its construction

At 300 meters (320.75 m including antenna), and 7,000 tons, it was the world's tallest building until 1930. Other statistics include:

- 2.5 million rivets
- 300 steel workers, and 2 years (1887-1889) to construct it.
- Sway of at most 12 cm in high winds.
- Height varies up to 15 cm depending on temperature.

15,000 iron pieces (excluding rivets). 40 tons of paint. 1652 steps to the top.

In 1889, Gustave Eiffel began to fit the peak of the tower as an observation station to measure the speed of wind. He also encouraged several scientific experiments including Foucault's giant pendulum, a mercury barometer and the first experiment of radio transmission. In 1898, Eugene Ducretet at the Pantheon, received signals from the tower.

GENERAL INFORMATION

Location	Paris, France
Coordinates:	48°51'30"N 2°17'40E
Status	Complete
Constructed:	1887-1889
Opening:	March 31, 1889
Use:	Observation tower, Radio broadcasting tower

STEP-1



A-9 | 2 pcs.



A-4 | 4 pcs.



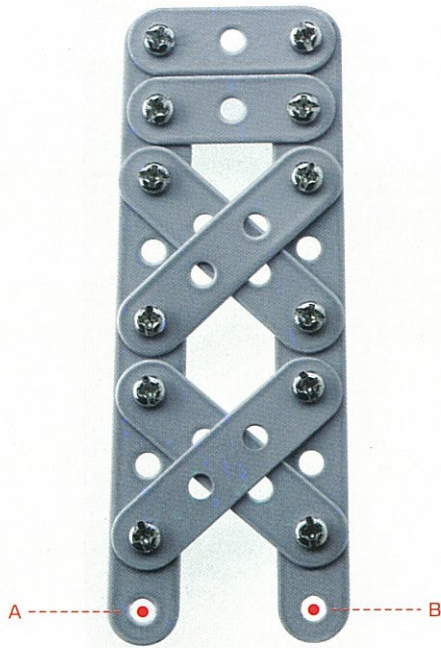
A-3 | 2 pcs.



BOLTS | 12 pcs.



NUTS | 12 pcs.



Front



Back

STEP-2



A-9 | 2 pcs.



A-4 | 6 pcs.



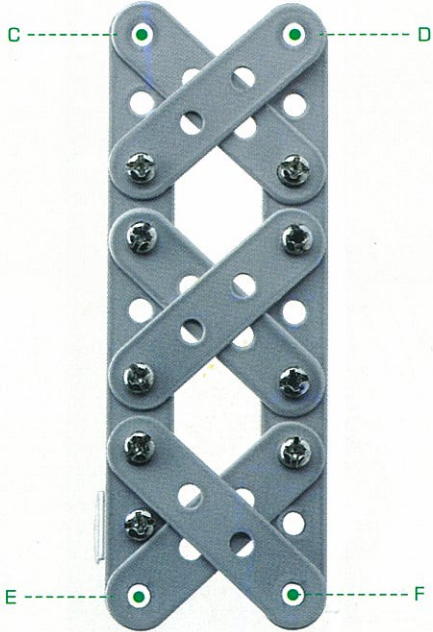
AB-2 | 1 pc.



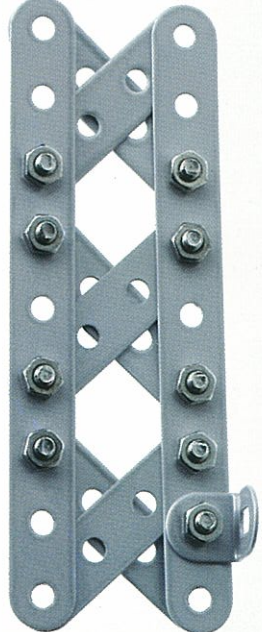
BOLTS | 9 pcs.



NUTS | 9 pcs.



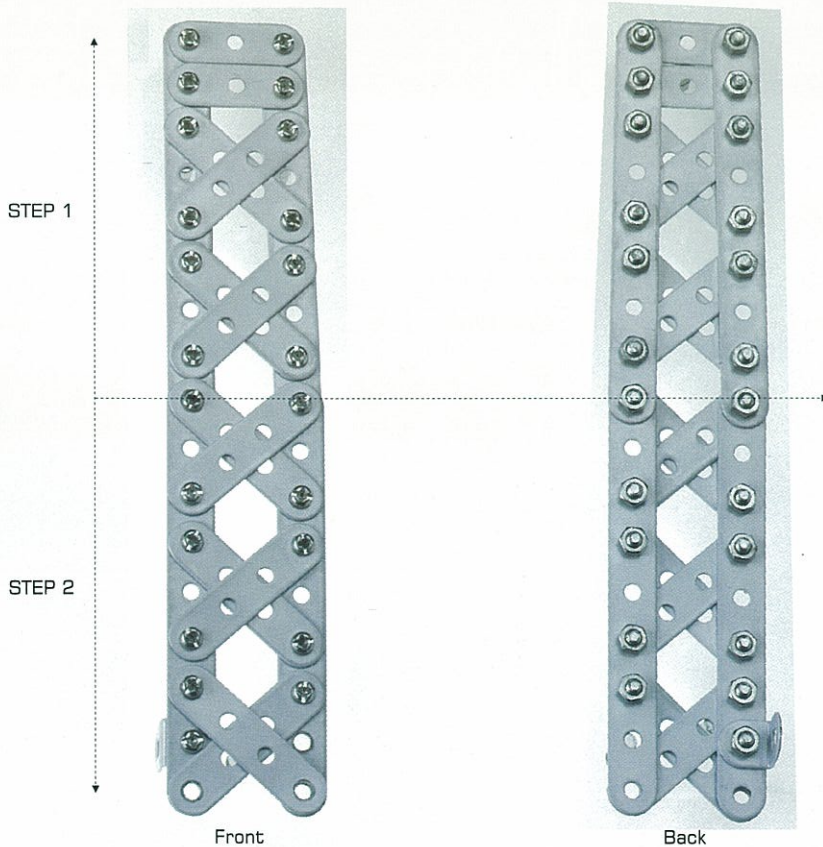
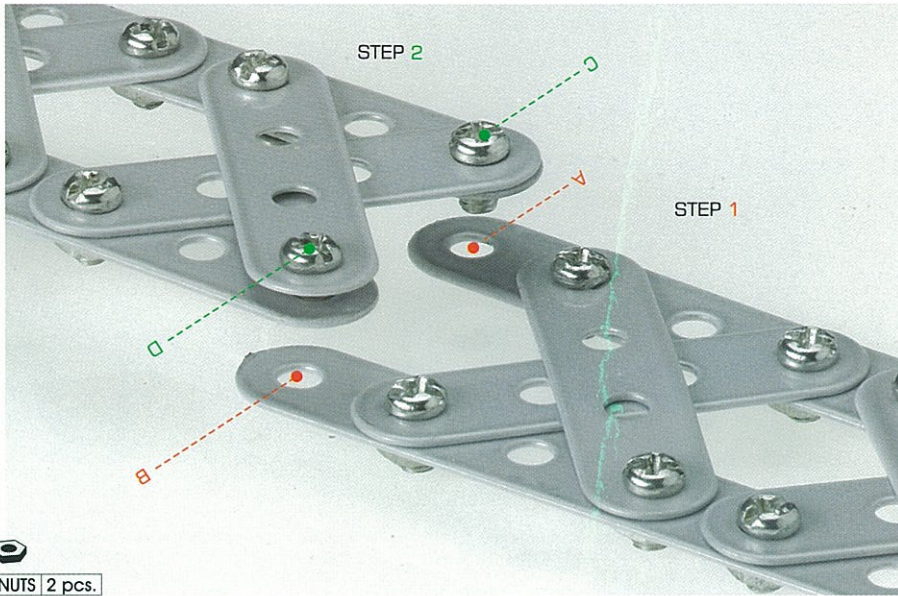
Front



Back

ASSEMBLY 1

STEP 1 & 2



STEP-3



A-11 2 pcs.



A-4 6 pcs.



BOLTS 12 pcs.



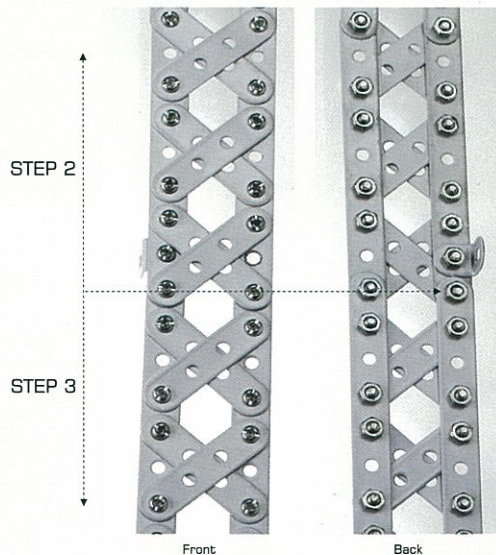
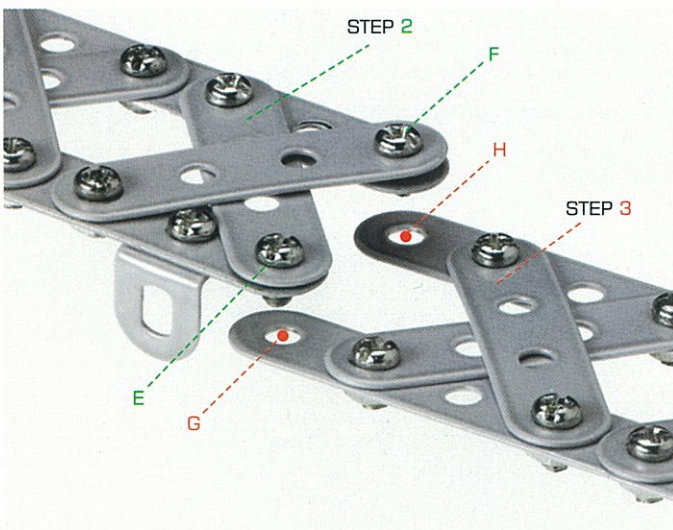
NUTS 12 pcs.



Front

Back

ASSEMBLY 2 STEP 2+3



Front

Back



BOLTS 2 pcs.



NUTS 2 pcs.

STEP-4



A-11 | 2 pcs.



A-7 | 2 pcs.



A-5 | 2 pcs.



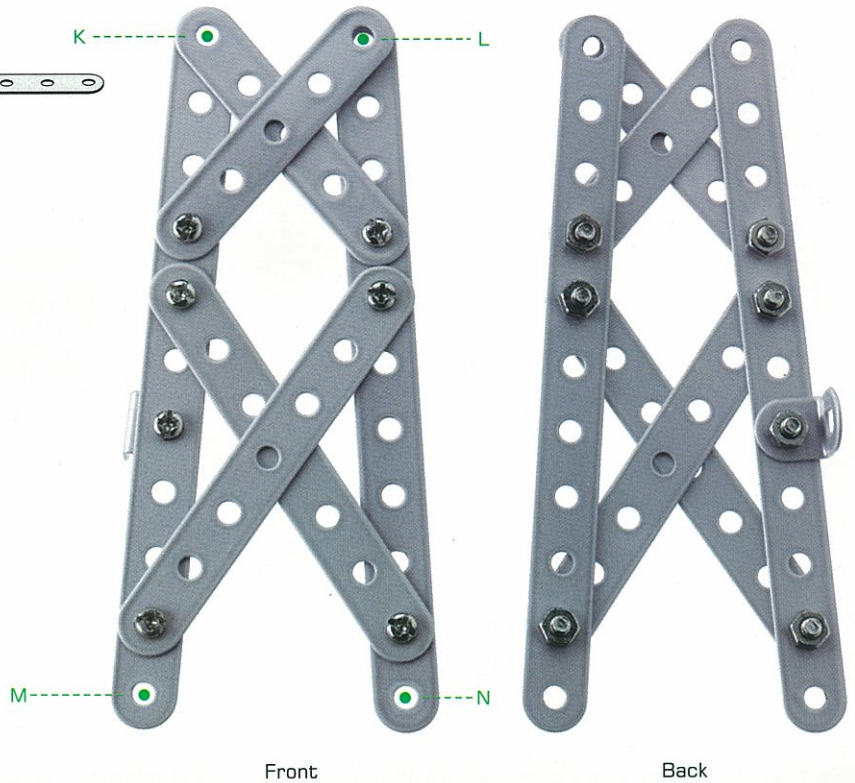
AB-2 | 1 pc.



BOLTS | 7 pcs.

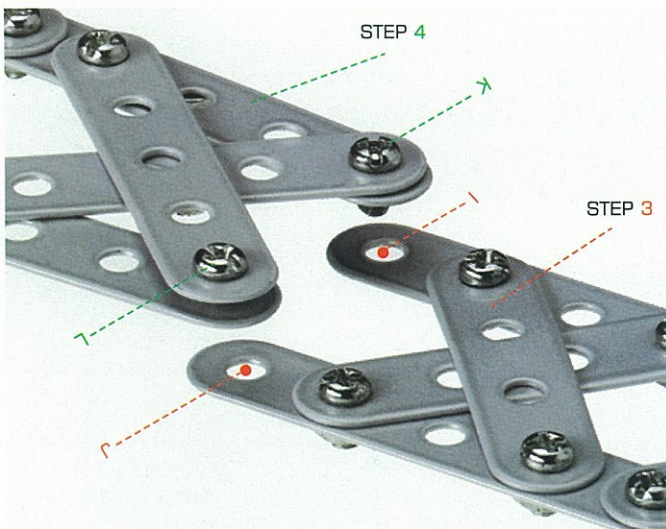


NUTS | 7 pcs.



ASSEMBLY 3

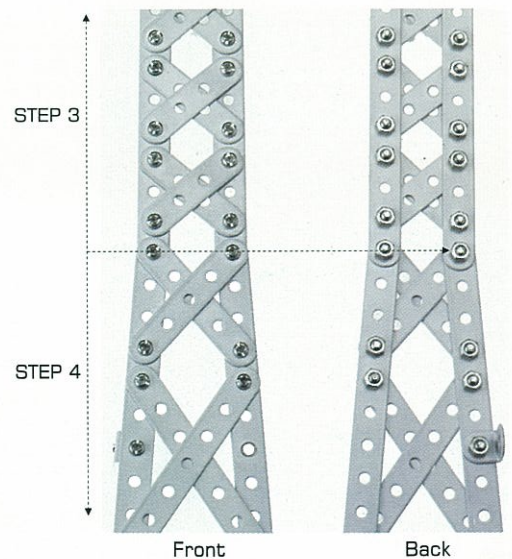
STEP 3+4



BOLTS | 2 pcs.



NUTS | 2 pcs.



STEP-5



A-11 | 2 pcs.



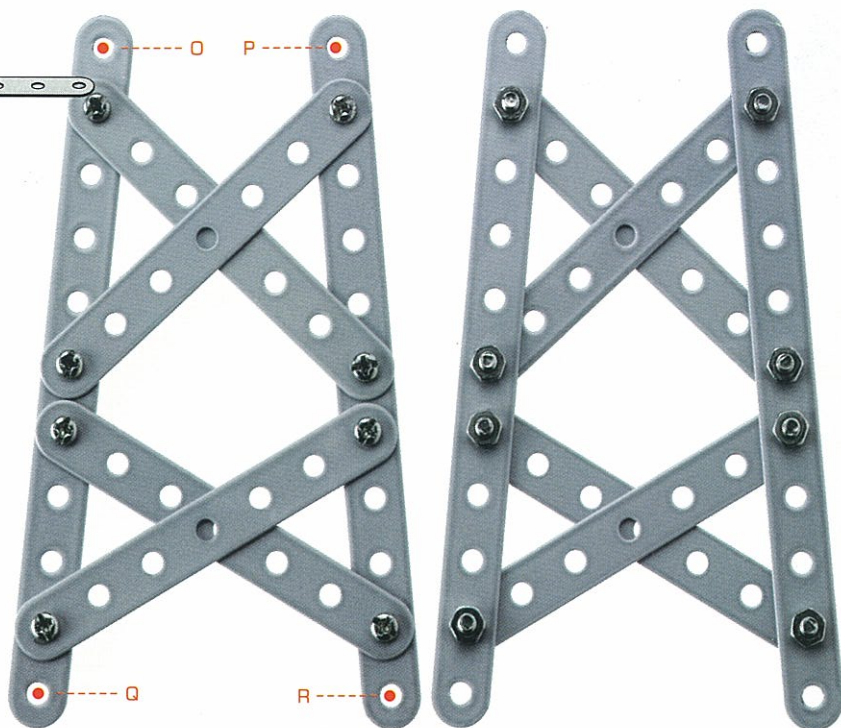
A-7 | 4 pcs.



BOLTS | 8 pcs.



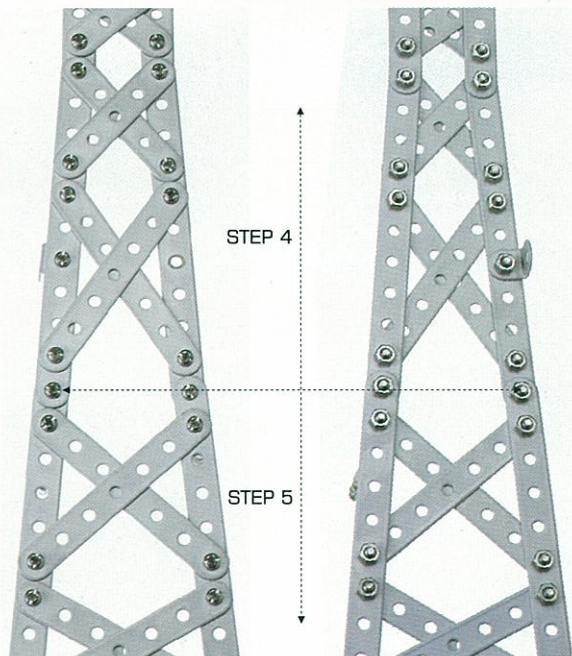
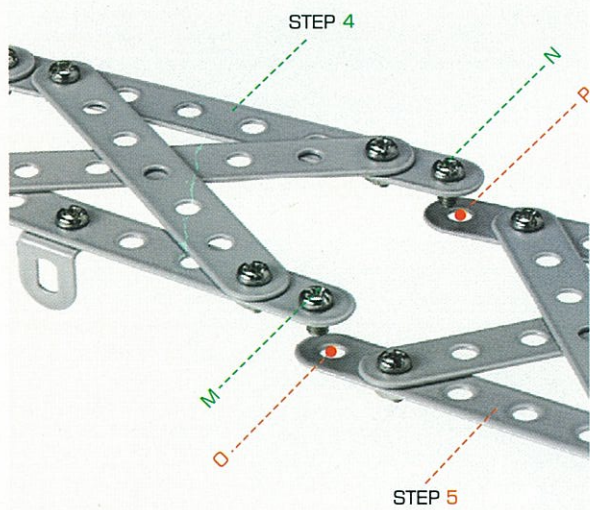
NUTS | 8 pcs.



Front

Back

ASSEMBLY 4 STEP 4+5



BOLTS | 2 pcs.



NUTS | 2 pcs.

STEP-6



A-11 2 pcs.



A-7 2 pcs.



A-5 2 pcs.



A-4 6 pcs.



A-3 1 pc.



HS-5 3 pcs.



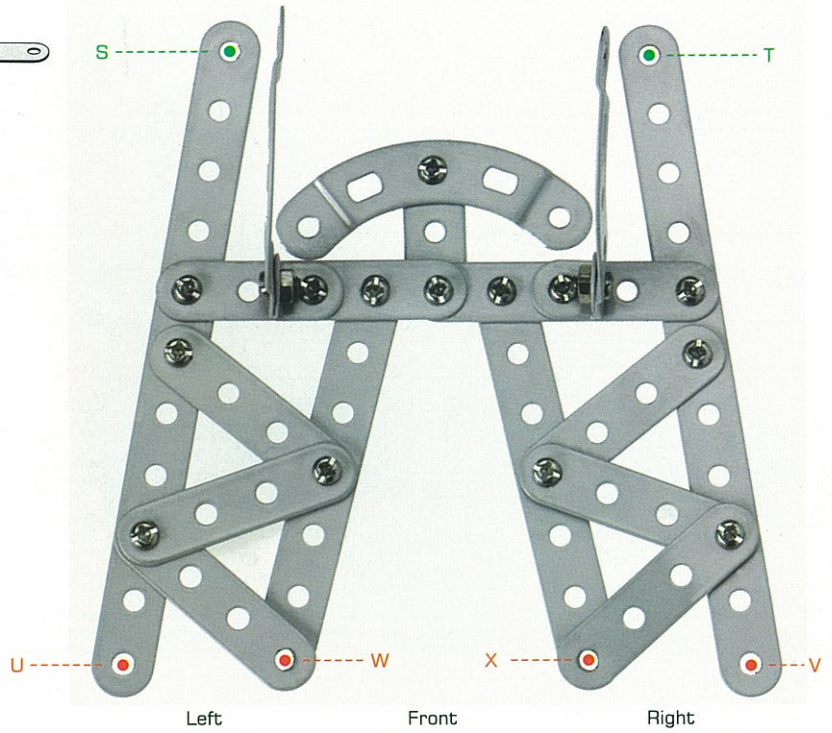
AB-2 2 pcs.



BOLTS 16 pcs.

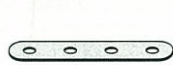
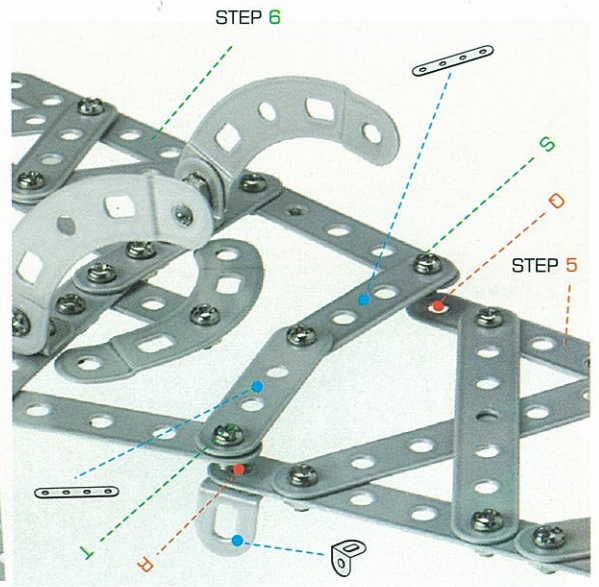
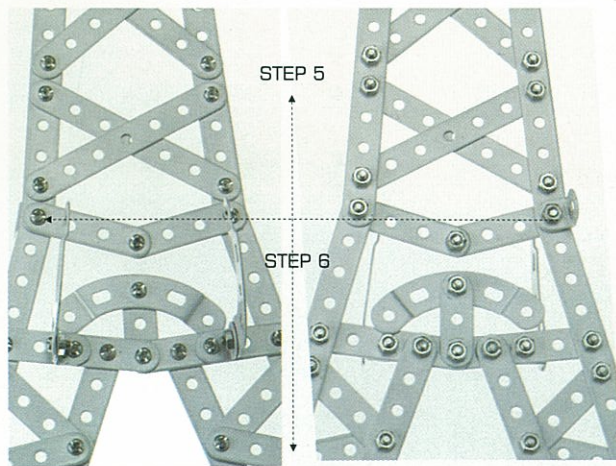


NUTS 16 pcs.



ASSEMBLY 5

STEP 5+6



A-4 2 pcs.



AB-2 1 pc.



BOLTS 3 pcs.



NUTS 3 pcs.

STEP-7



A-11 4 pcs.



A-4 12 pcs.



BOLTS 12 pcs.



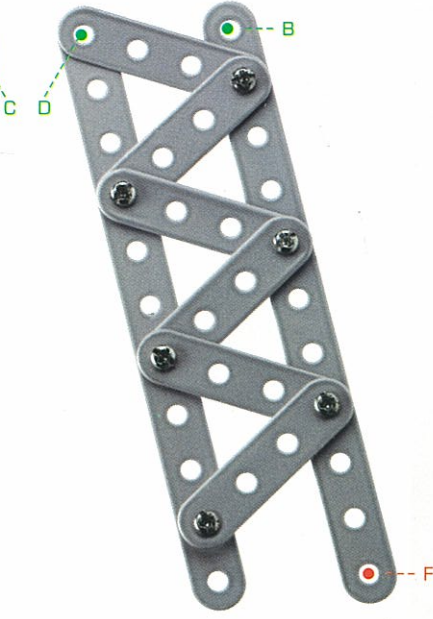
NUTS 12 pcs.



Back



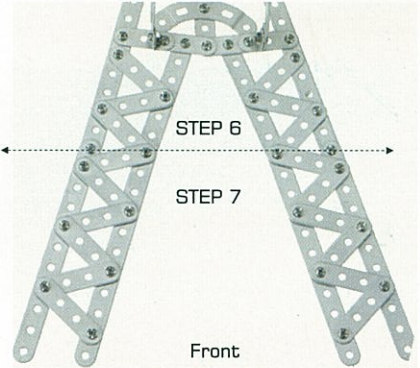
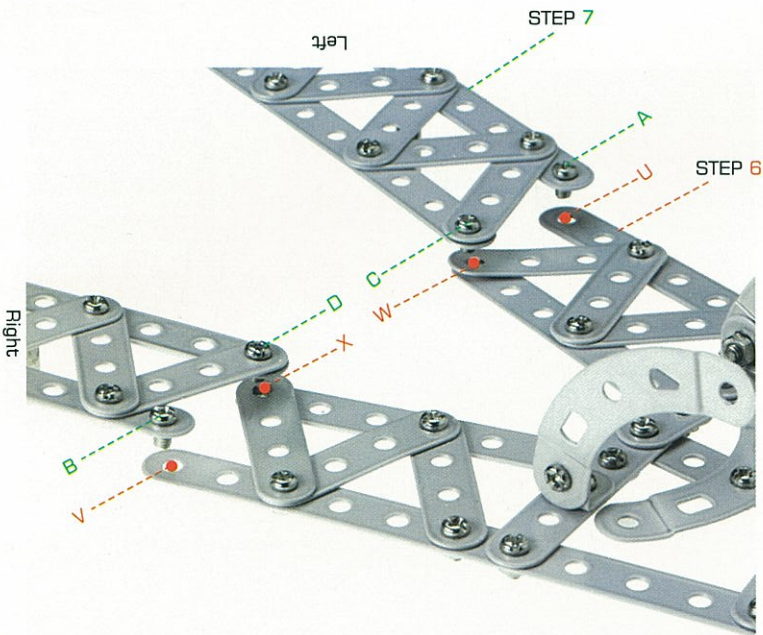
Left



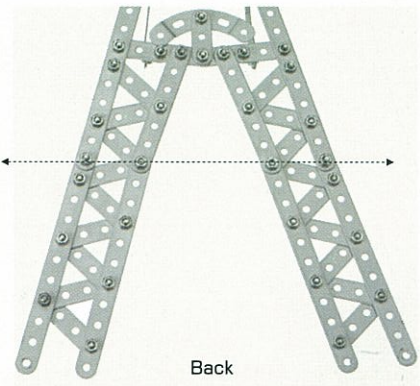
Right

Front

ASSEMBLY 6 STEP 6+7



Front



Back

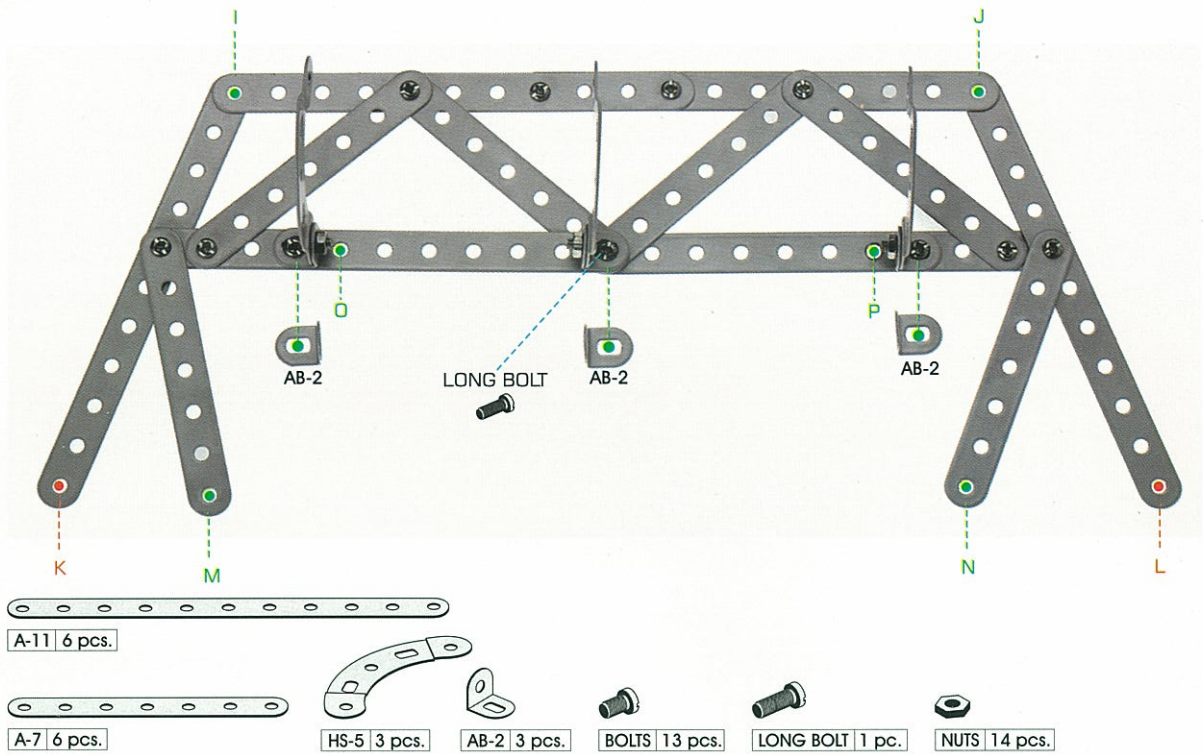


BOLTS 4 pcs.



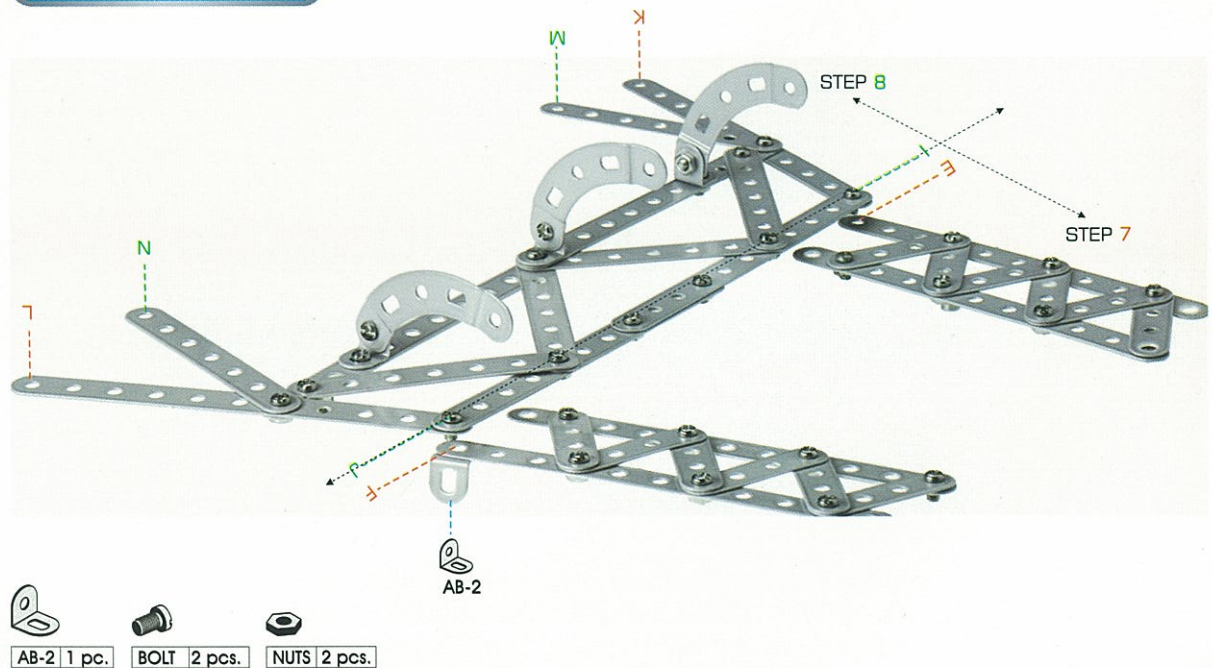
NUTS 4 pcs.

STEP-8



ASSEMBLY 7

STEP 7+8



STEP-9



A-11 4 pcs.



A-7 6 pcs.



A-5 2 pcs.



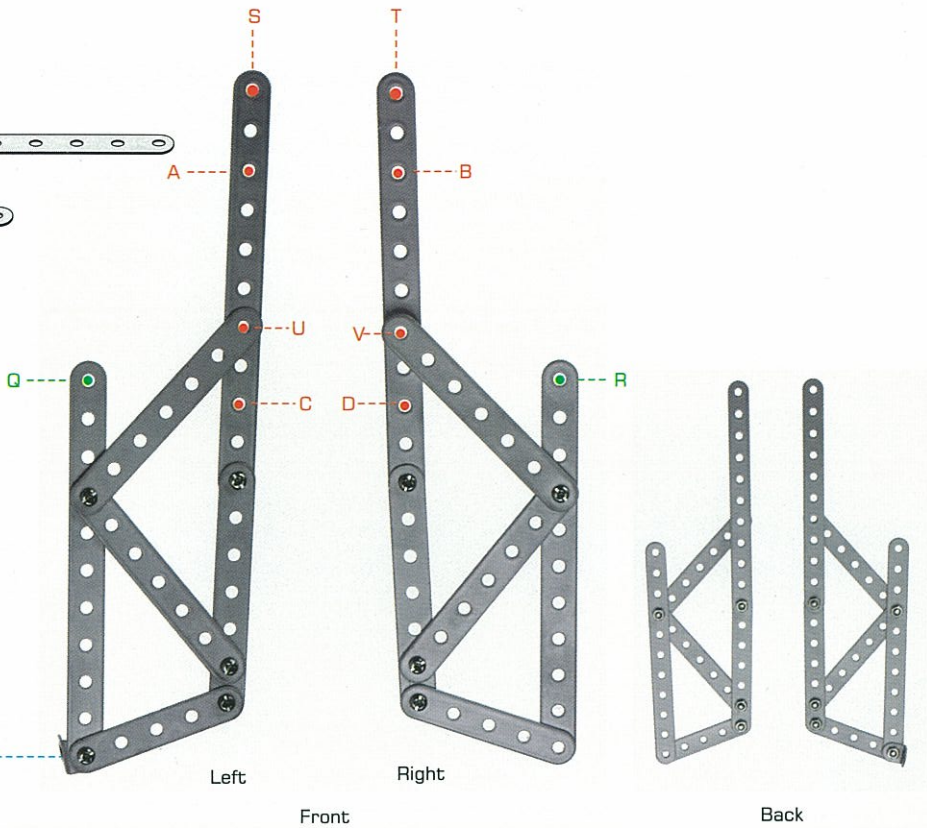
AB-2 1 pc.



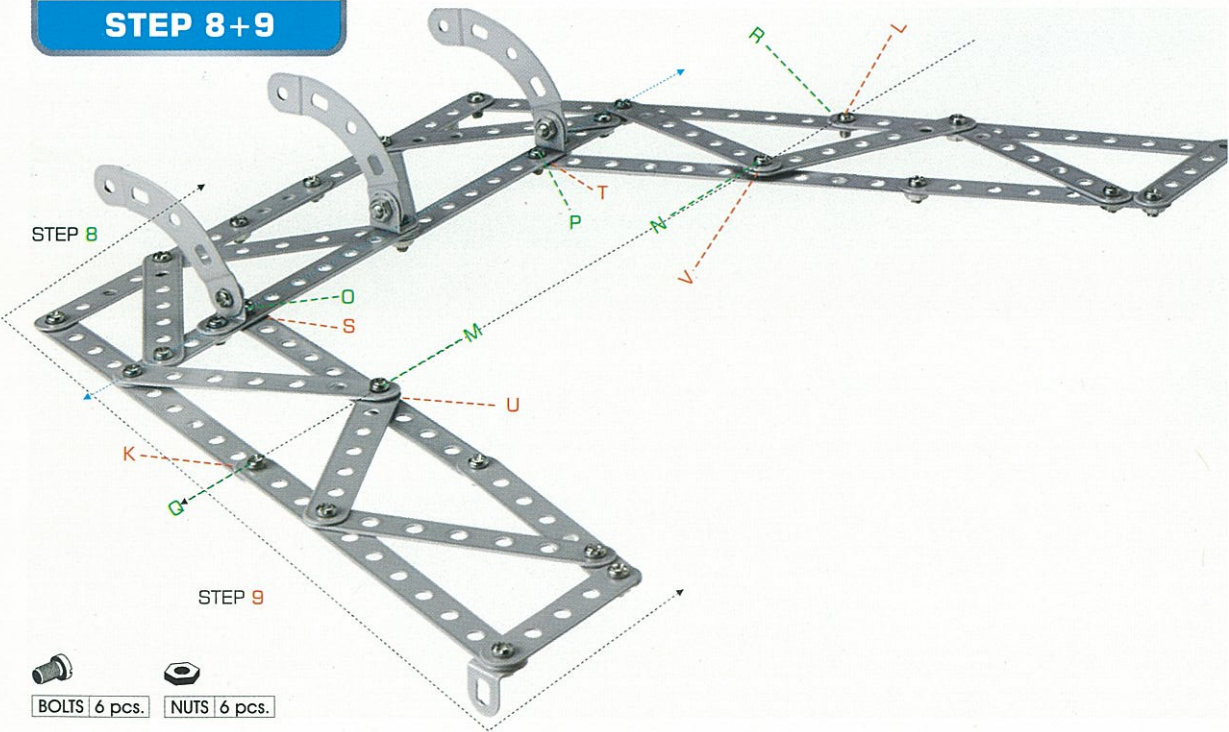
BOLTS 9 pcs.



NUTS 9 pcs.



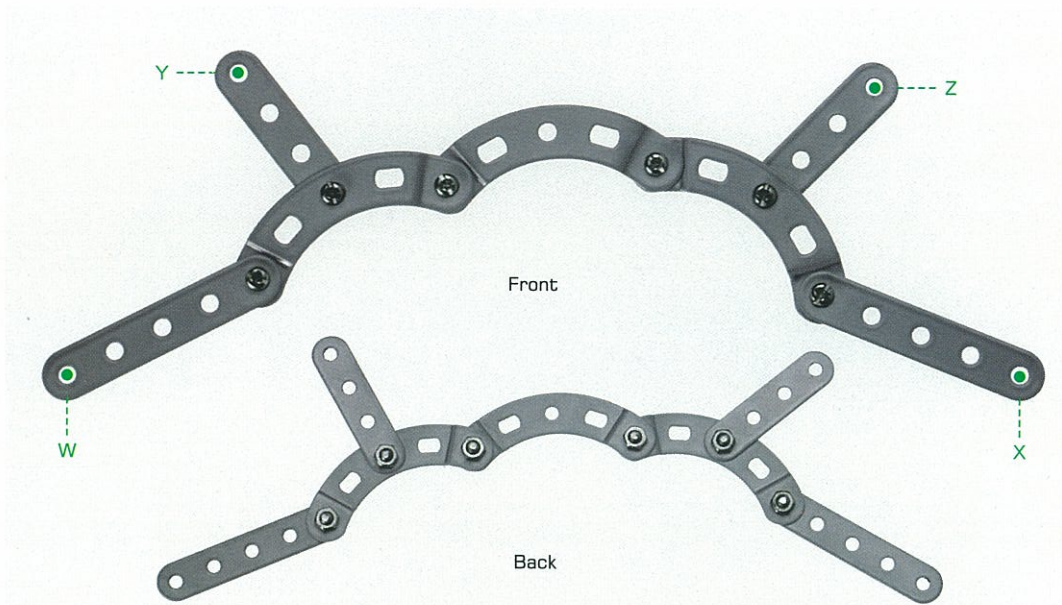
ASSEMBLY 8 STEP 8+9



BOLTS 6 pcs.



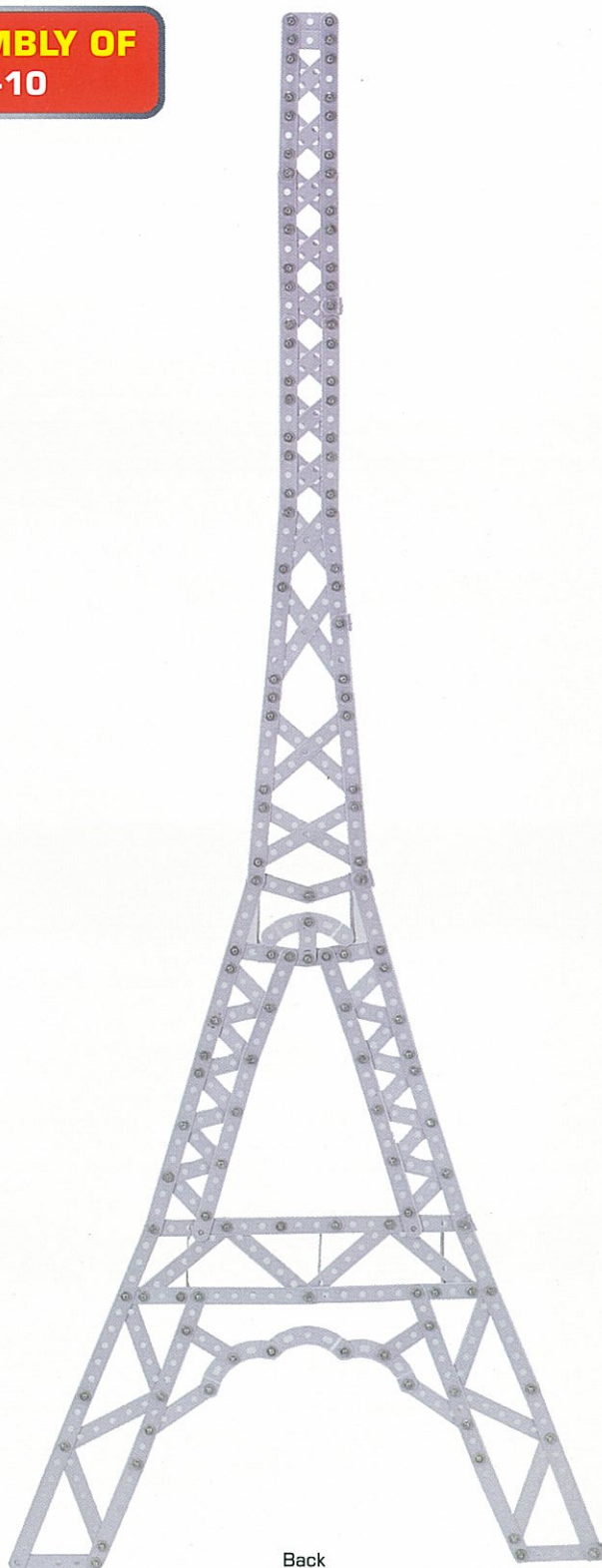
NUTS 6 pcs.



ASSEMBLY OF
1-10



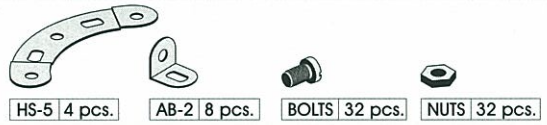
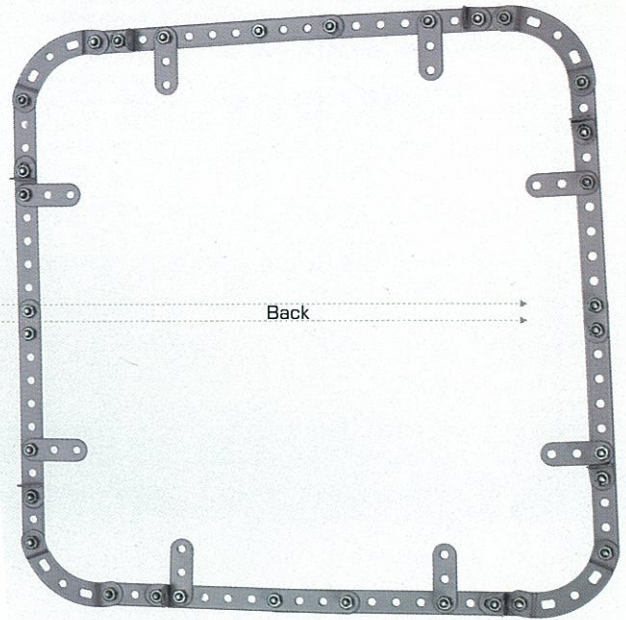
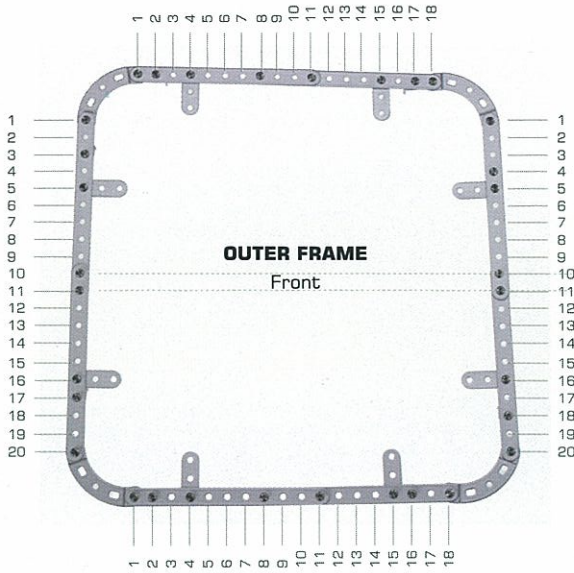
Front



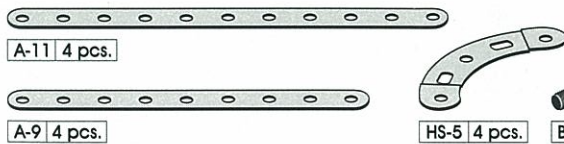
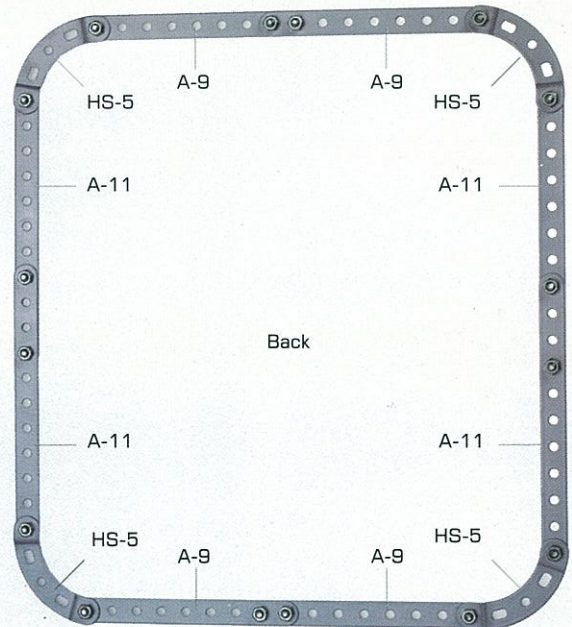
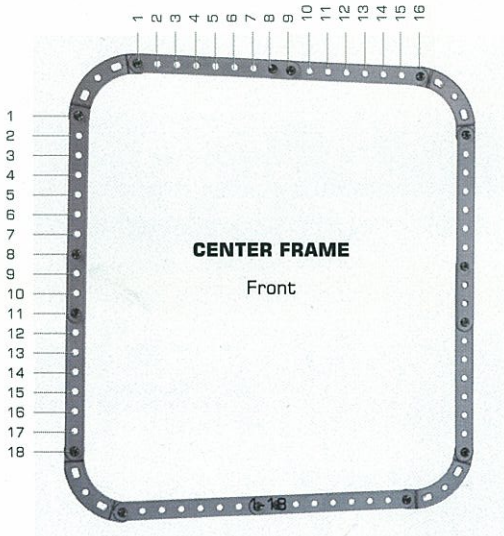
Back

MAKE TOTAL 4 SETS

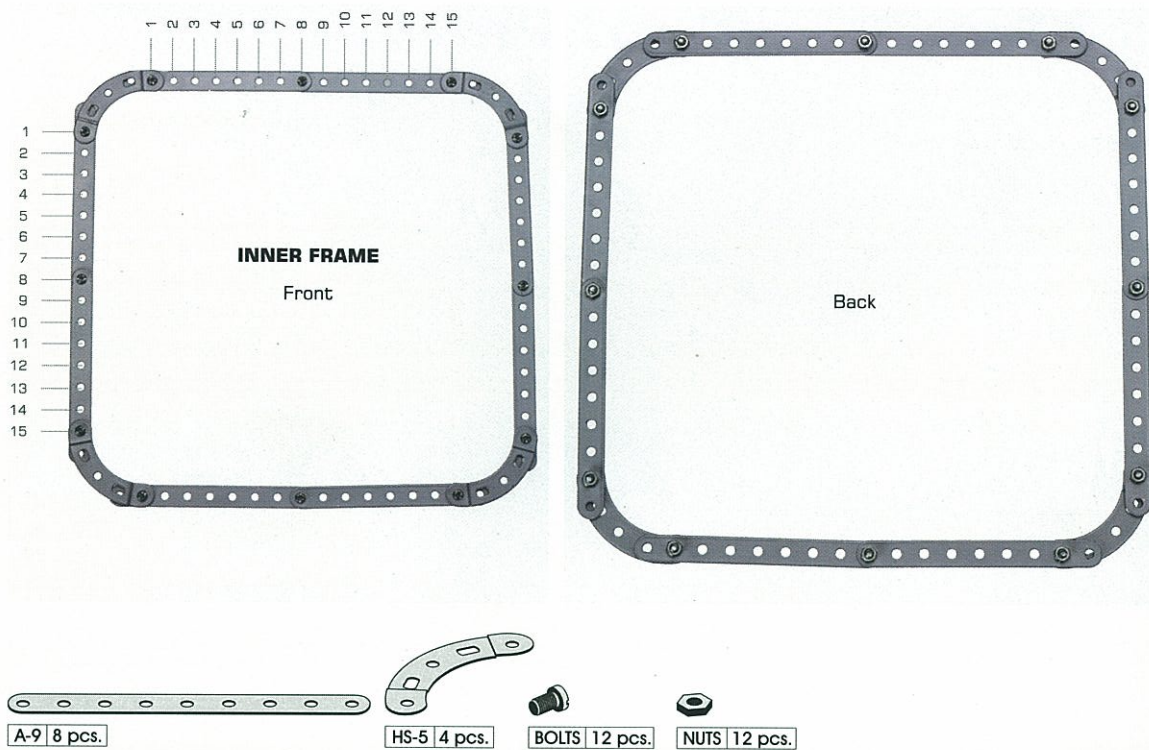
STEP-11



STEP-12

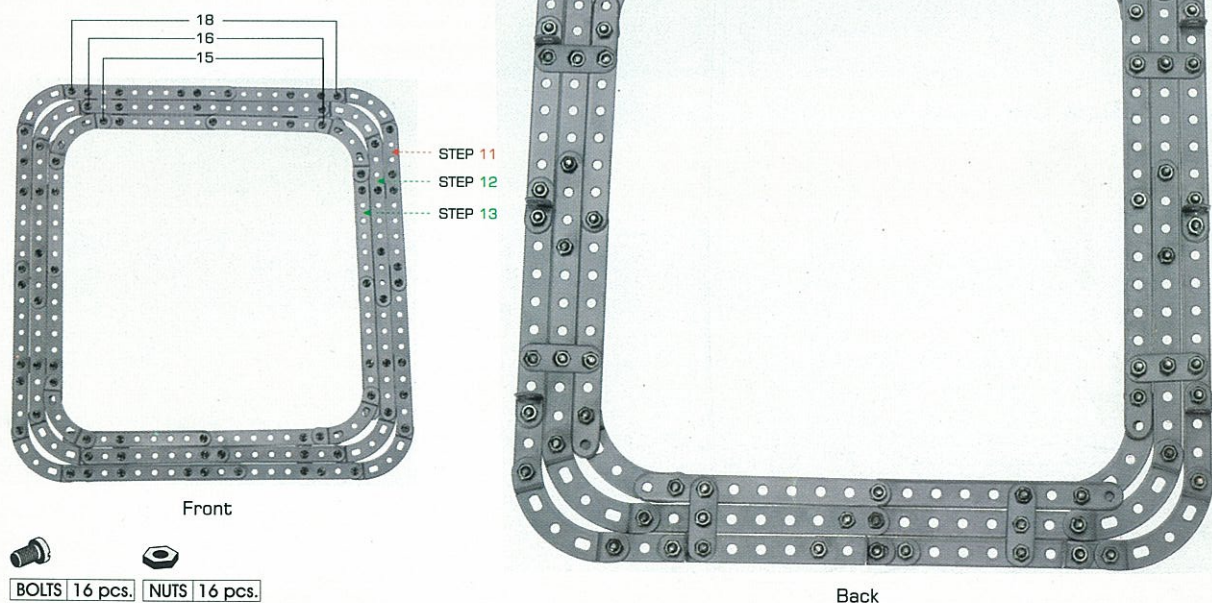


STEP-13



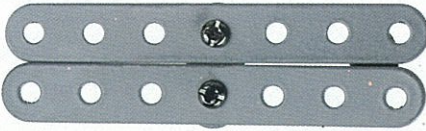
ASSEMBLY 11

STEP 11+12+13

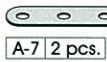
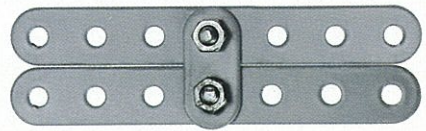


STEP-14

Front



Back



STEP-15

Front

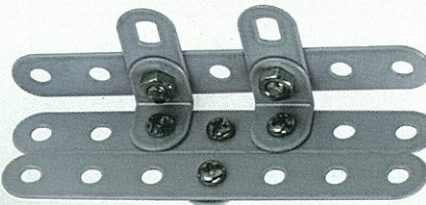


Back

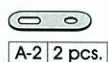


STEP-16

Front

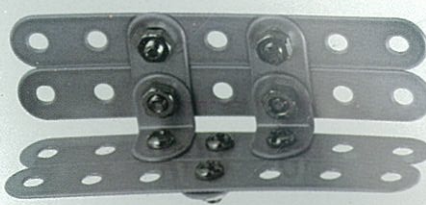


Back



STEP-17

Front

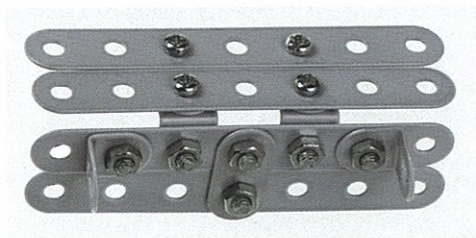


Back

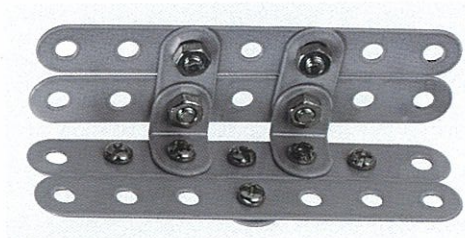


STEP-18

Front



Back



AB-2 2 pcs.



BOLTS 2 pcs.

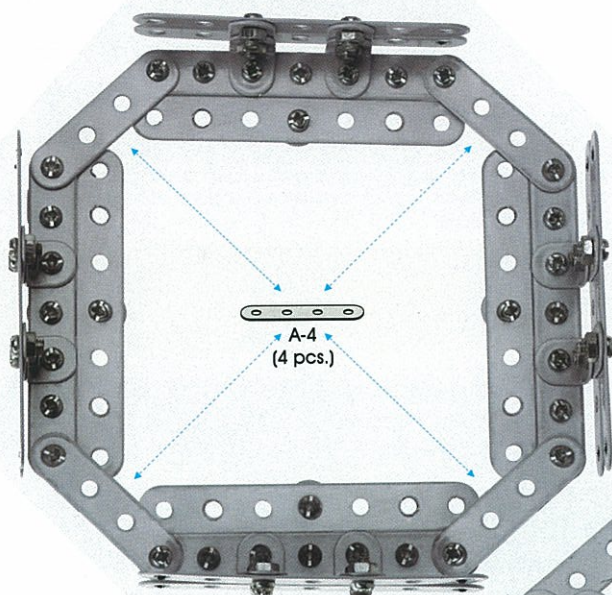


NUTS 2 pcs.

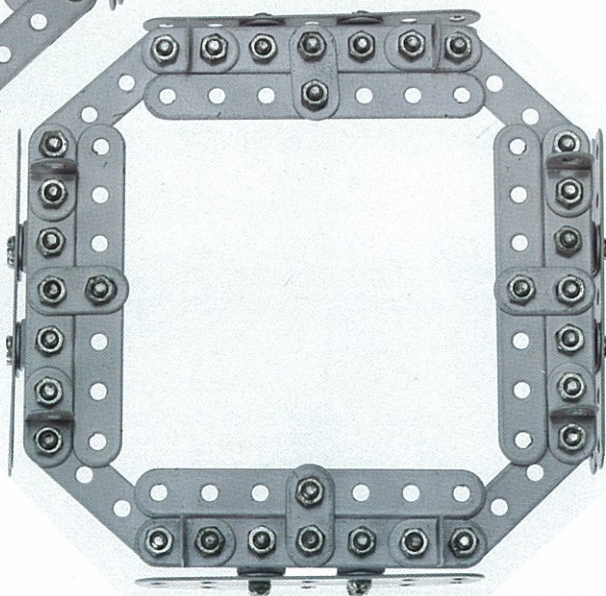
MAKE TOTAL 4 SETS

ASSEMBLY 13

4 SETS OF STEP 18



Front



Back



A-4 4 pcs.

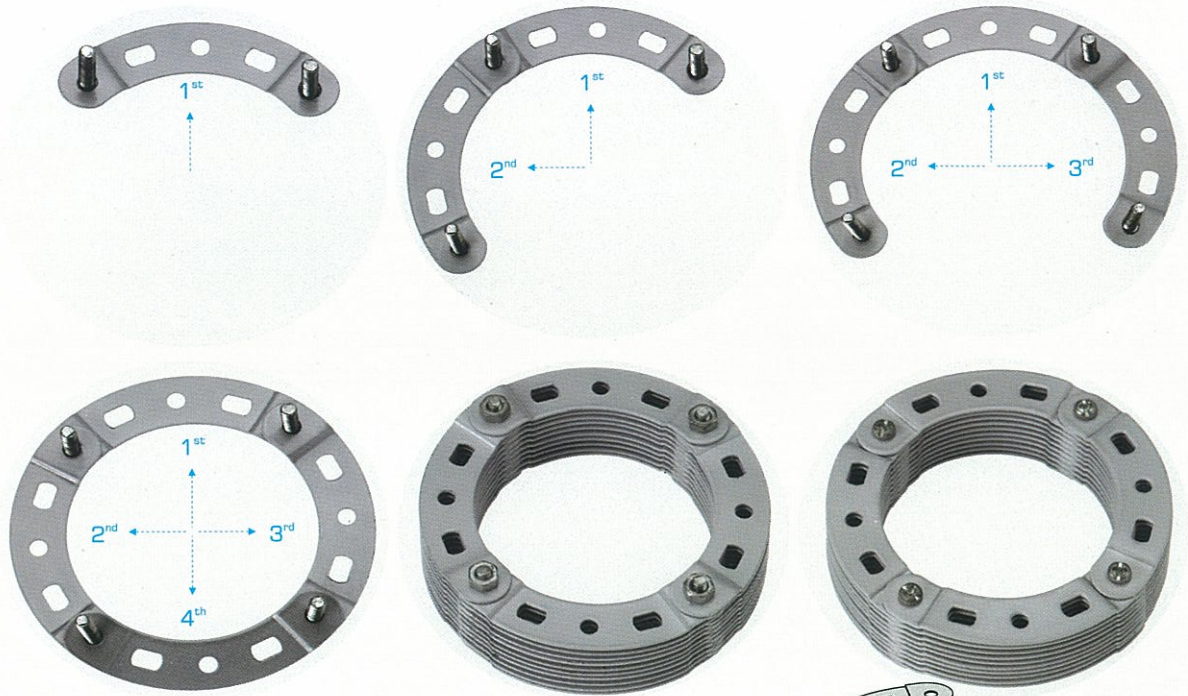


BOLTS 8 pcs.

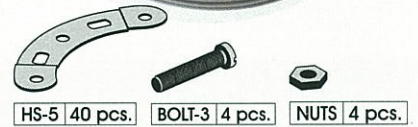


NUTS 8 pcs.

STEP-19



Kindly assemble 40 pcs. in this sequence.



STEP-20



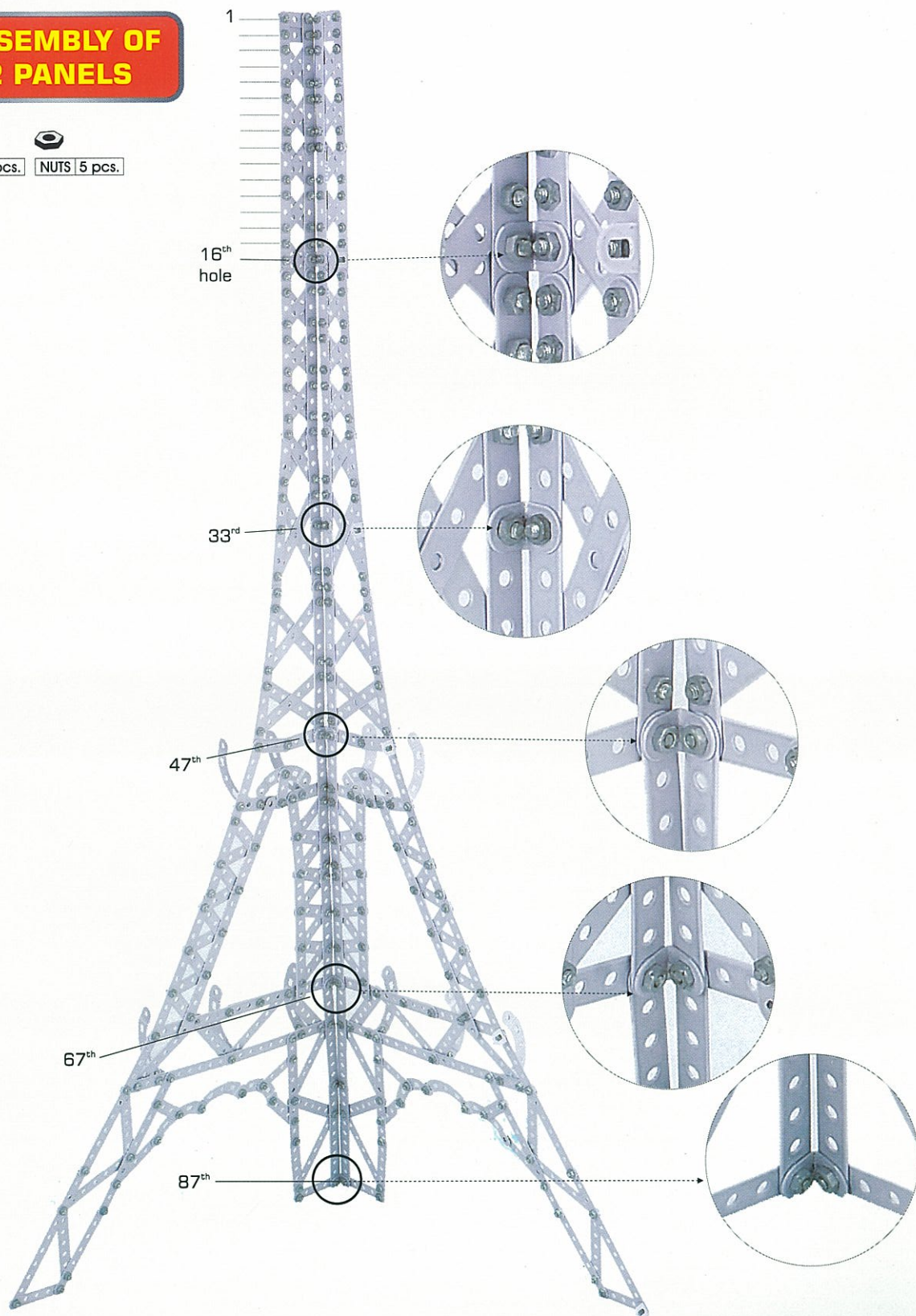
ASSEMBLY OF 2 PANELS



BOLTS 5 pcs.



NUTS 5 pcs.

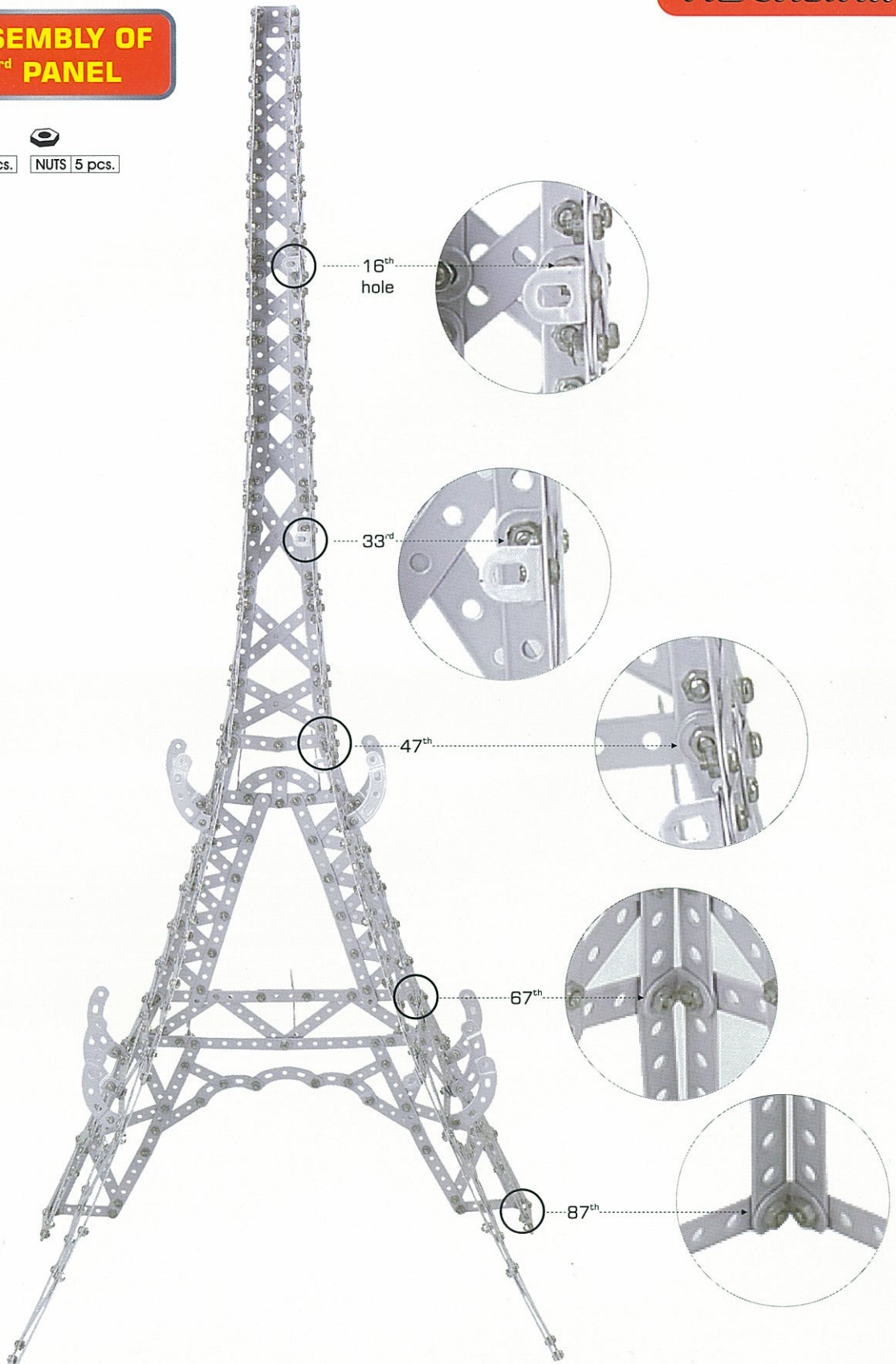


**ASSEMBLY OF
3rd PANEL**

BOLTS 5 pcs.



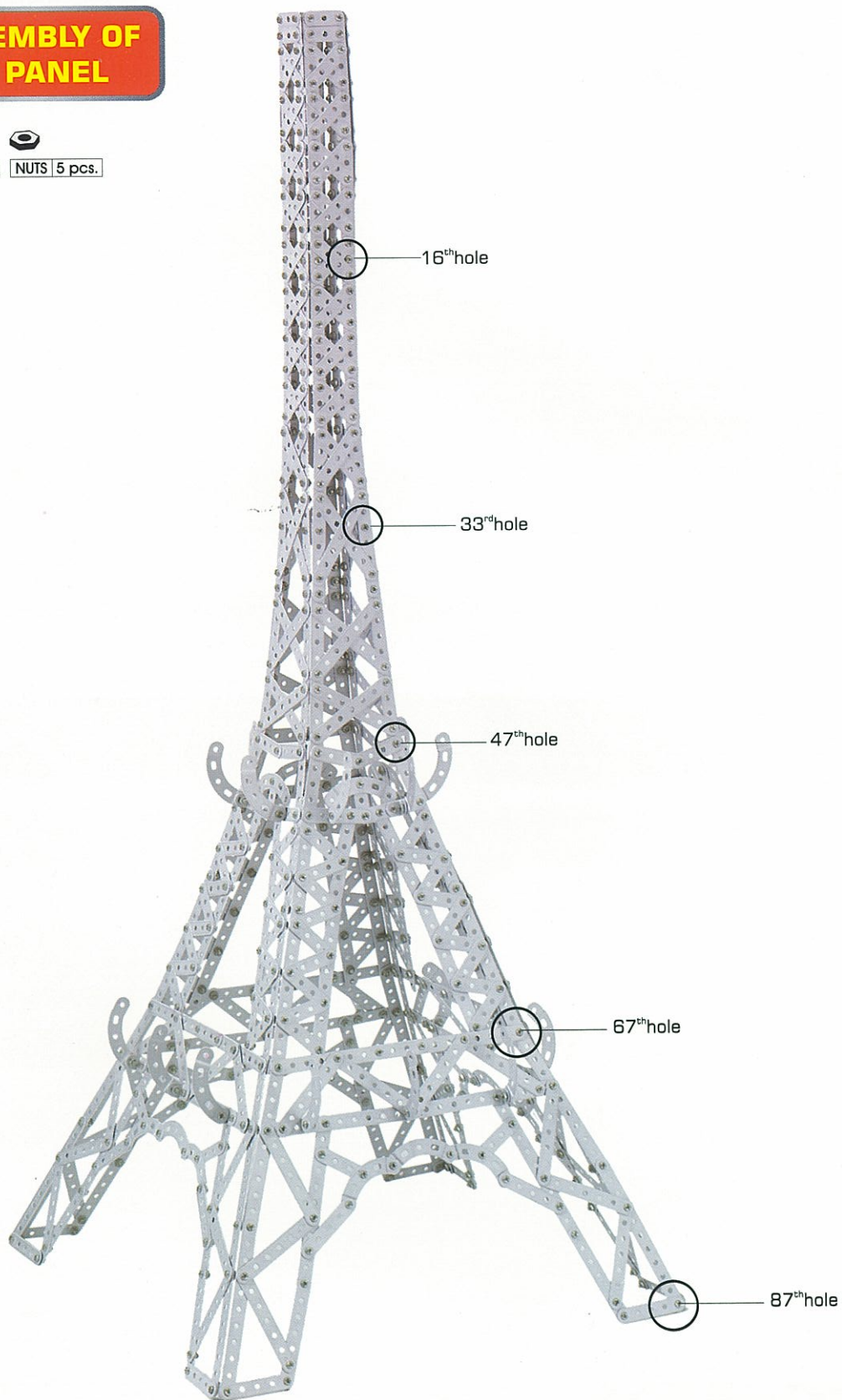
NUTS 5 pcs.



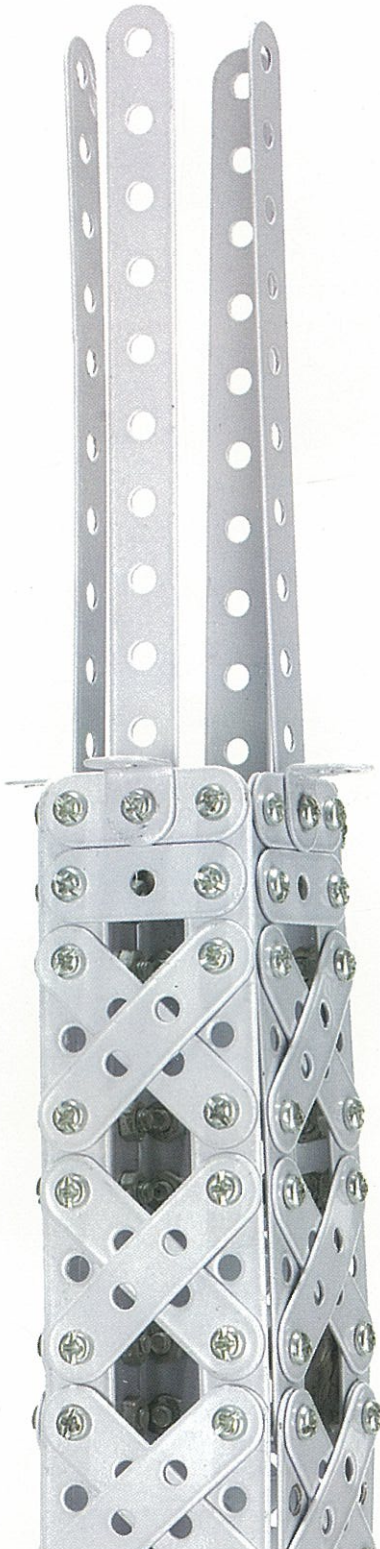
ASSEMBLY OF 4th PANEL



BOLTS 5 pcs. NUTS 5 pcs.



ADD ON FITTINGS



● AB-2 4 pcs.



AB-2 4 pcs.



BOLTS 4 pcs.

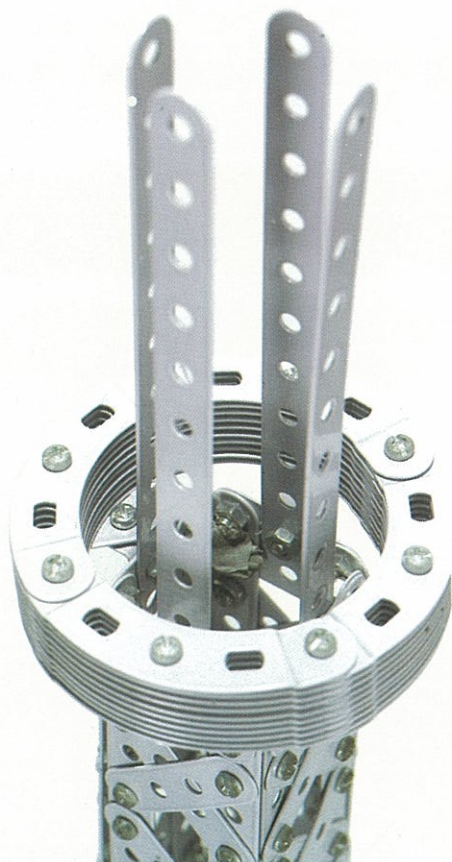


NUTS 4 pcs.



A-11 4 pcs.

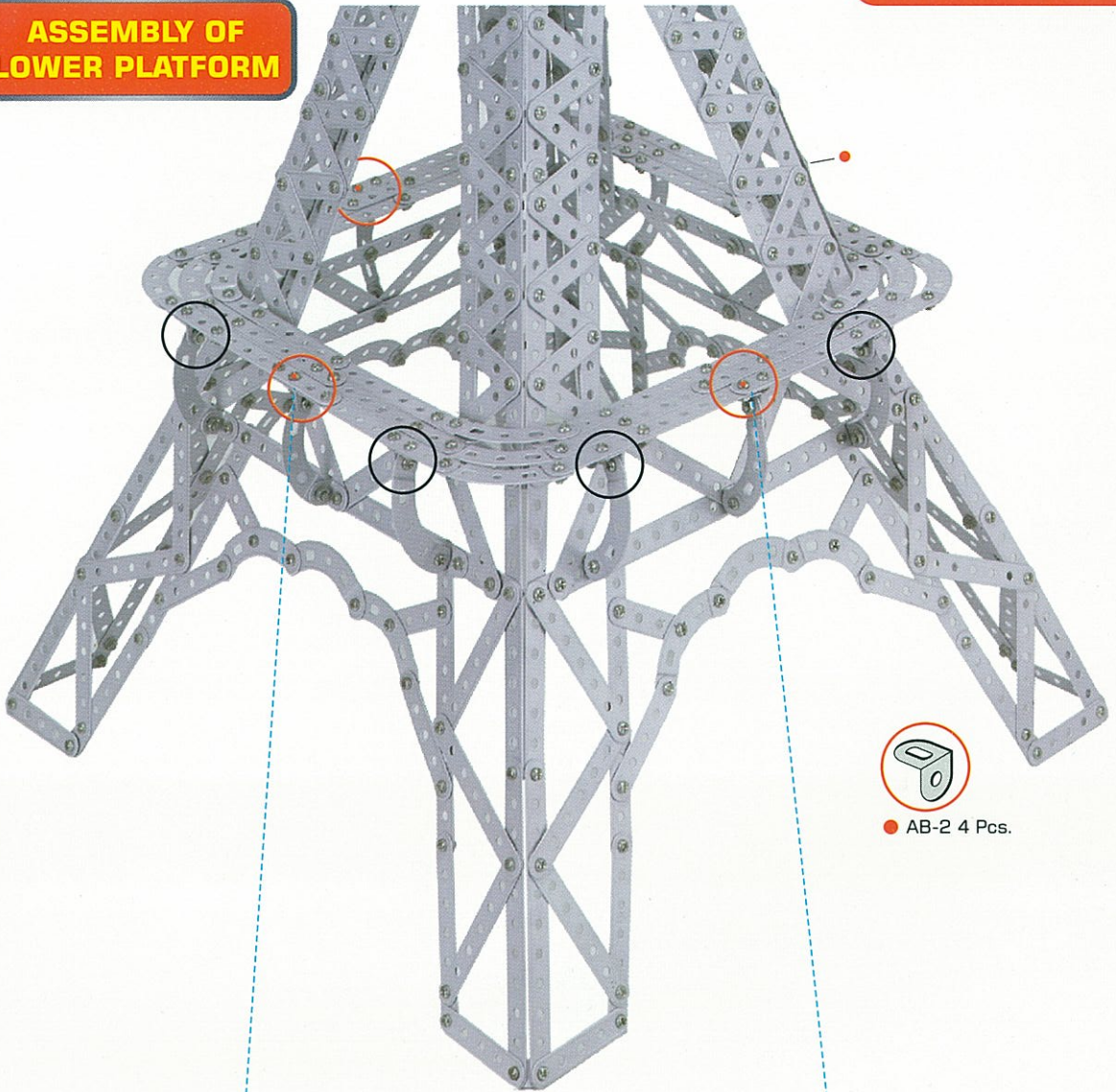
**TOP
ASSEMBLY**



BOLTS 4 pcs.



NUTS 4 pcs.

**ASSEMBLY OF
LOWER PLATFORM**

● AB-2 4 Pcs.



BOLTS 16 pcs.



NUTS 16 pcs.



AB-2 4 pcs.



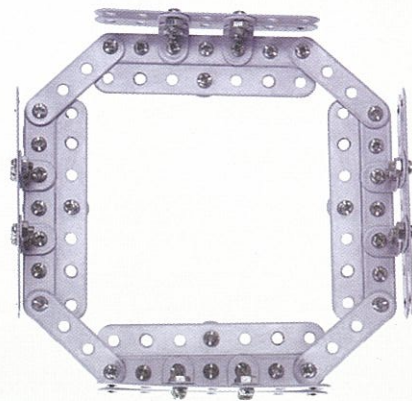
ASSEMBLY OF CENTER PLATFORM



BOLTS | 8 pcs.



NUTS | 8 pcs.



FINAL STEP

SHAFT 1 pc.



Ball 1 pc.



BOLTS 4 pcs.

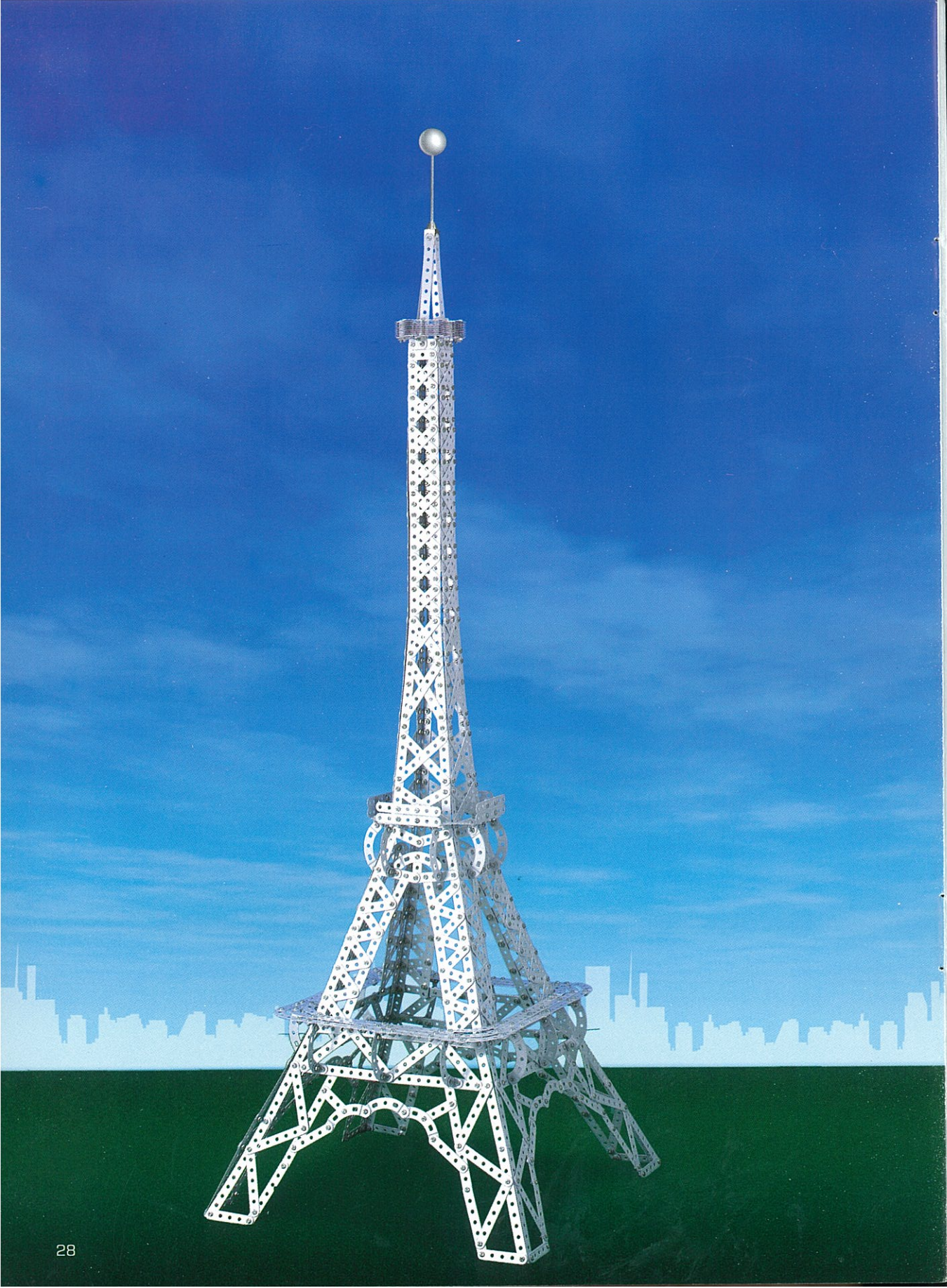


SQUARE METAL 1 pc.



MW-1 4 pcs.





ALSO FROM THE HOUSE OF ZEPHYR



MECHANIX 5



ROBO TIX



MECHANIX CARS

Metal Mechanix



CARS-1-2-3



MOBITECH



PLANES-1-2-3

Plastic Mechanix



FENCIL



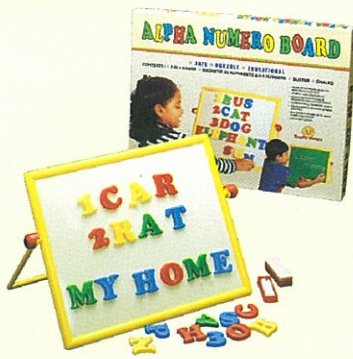
STAMP IT



SAND CRAFT

Creative Craft sets...

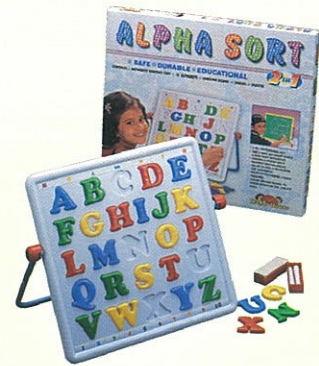
ALSO FROM THE HOUSE OF ZEPHYR



ALPHA NUMRO SET-1



SCRIBBLEZ



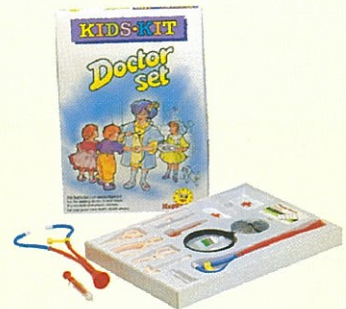
ALPHA SORT



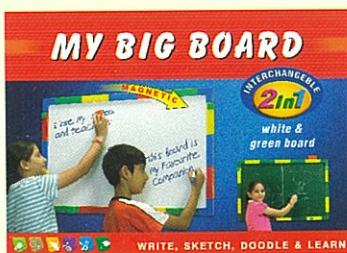
ALPHA NUMRO SET-1



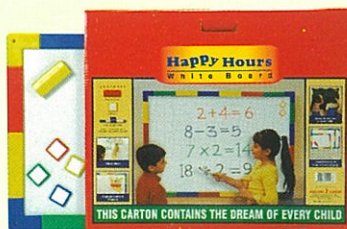
MEDI+KID



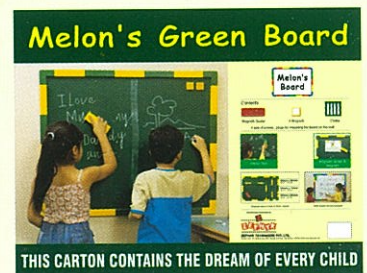
KIDS KIT DOCTOR SET



MY BIG BOARD

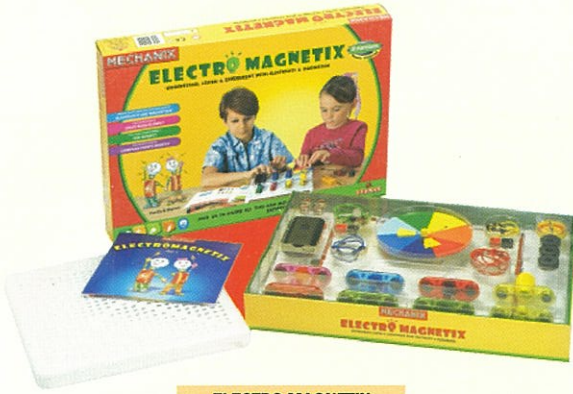


WALL MOUNTING BOARD (WHITE)



MELON'S GREEN BOARD

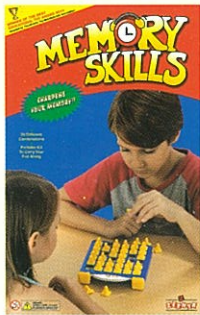
for more details www.zephyrtoymakers.com



ELECTRO MAGNETIX



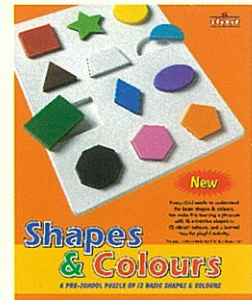
MASTER MIND FASTER FEET



MEMORY SKILLS



COUNT DOWN



SHAPES & COLOURS



OHNO FAMILY CARD GAME

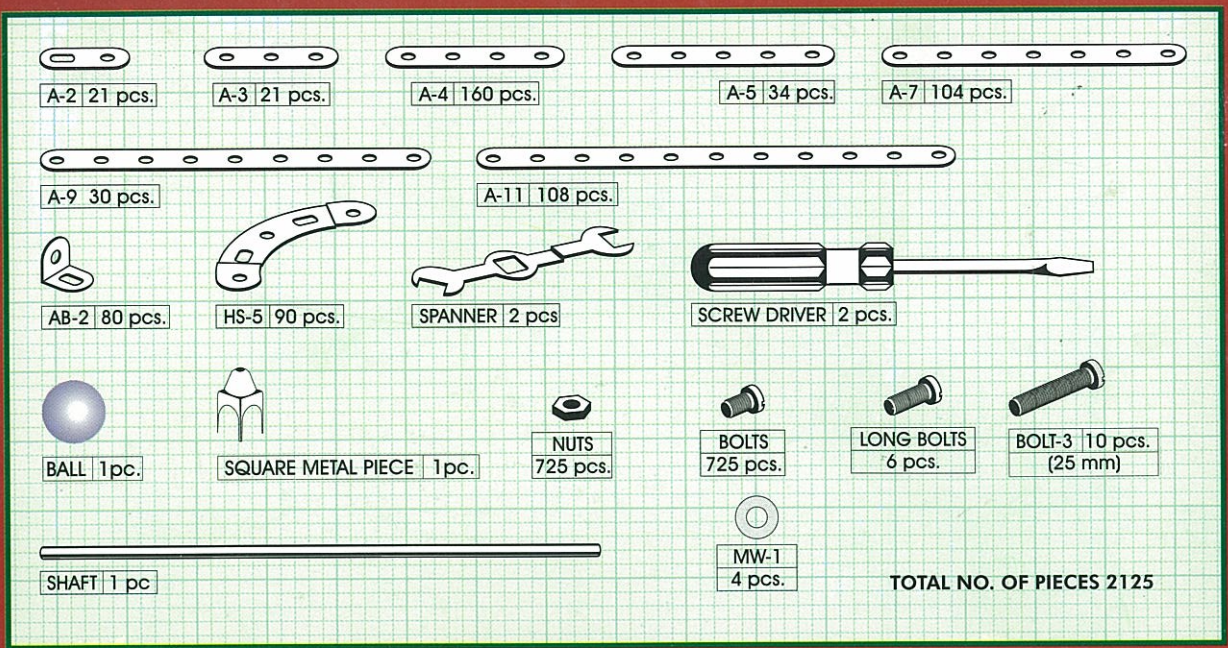


SPRINGERZ



ALL FALL DOWN

Metal Construction sets, Plastic Construction sets, Creative Craft sets...



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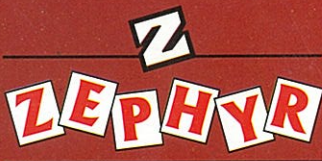
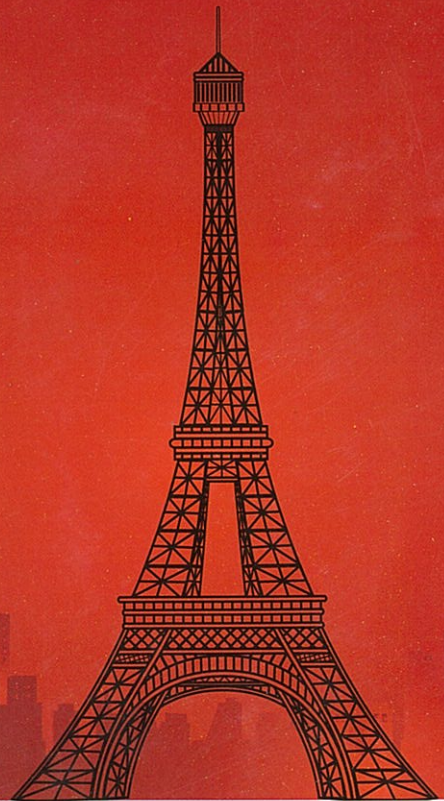
That fresh smile and laughter, giggles and chattering of the little kids are one of the most refreshing happiness that touches the heart. Like the cool evening breeze on the rise that refreshes the soul of a worked up being.

That is what Zephyr is all about and about quality, in the true sense of the word. Quality of play, quality of education and quality of product.

We bring you a whole range of play and educational toys of international standards that undergo through the strict quality control of the Zephyr family itself.

Our kits have won quite a few awards and Mechanix is our star set that has won "The Best Educational Toy" and "The Best Toy" award at the TAITMA.

We do not do business, at Zephyr we befriend children. A smile on your child's face is our gain.



ZEPHYR TOYMAKERS PVT. LTD.

Plot No: A 421, TTC Industrial Area, MIDC, Mahape, Navi Mumbai - 400710.

Email: feedback@zephyrtoymakers.com

www.zephyrtoymakers.com