

AGE 7+

MODELS 21

PIECES 202



Do - it yourself manual

- Read all instructions carefully before constructing.
- Place all the pieces used in a step on the side before starting.

Skills Developed



Dear Friends!

Zephyr brings yet another international engineering set of Mechanix for you, to have fun & learn. This set contains 202 pieces, crafted from high quality steel, which are powder coated, superior plastics & selected tools which will be friendly to your hands so that you have fun while creating various models. You can use these parts over & over again to create at least 21 models and many more as far as your imagination flies.

So come on get started!

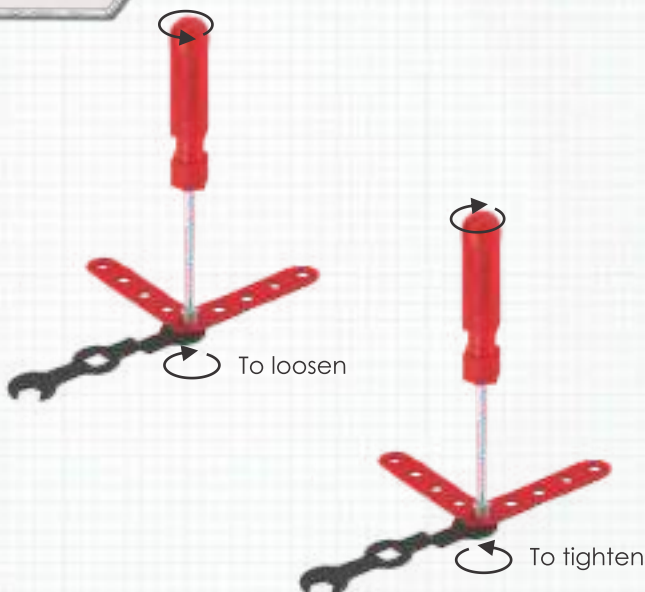
Basic Fitting Techniques

Step - 1

- Hold the nut using your finger and use the screw driver to fix the bolt.

Step - 2

- Hold the nut with the spanner and tighten the bolt firmly with screw driver.



Hold spanner in place while turning screw driver

Screw Size Information



Bolt 6 mm



Bolt 12 mm



Bolt 18 mm



Bolt 32 mm

Make sure you are using correct bolts by comparing it to the image in contents. All bolt images are of actual size.

Step - 1



Nuts 6 pcs.



Bolts 6 mm 6 pcs.



A3 1 pc.



ALB7 1 pc.



AB5 1 pc.



AB7 1 pc.



A7 2 pcs.



Step - 2



Nuts 6 pcs.



Bolts 6 mm 3 pcs.



Bolts 18 mm 3 pcs.



A3 1 pc.



TW1 3 pcs.



AB5 1 pc.



Step - 3



Nuts 5 pcs.



Bolts 6 mm 3 pcs.



Bolts 18 mm 2 pcs.



80 mm Shaft 2 pcs.



Seat 2 pcs.



BT5 1 pc.



TW1 2 pcs.



AB2 1 pc.



Steering wheel 1 pc.



Step - 4



Wheel 4 pcs.

Step - 1



Nuts 6 pcs.



Bolts 6 mm 6 pcs.



A7 2 pcs.



AB5 2 pcs.



ALB7 1 pc.



Step - 2



Nuts 4 pcs.



Bolts 6 mm 4 pcs.



BT5 1 pc.



AB2 1 pc.



Seat 2 pcs.



Step - 3



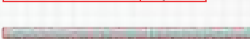
Nuts 3 pcs.



Bolts 6 mm 2 pcs.



Bolts 18 mm 1 pc.



80 mm Shaft 2 pcs.



Steering wheel 1 pc.



AB7 1 pc.



Step - 4



Wheel 4 pcs.

Step - 1



Nuts 4 pcs.



AB3 1 pc.



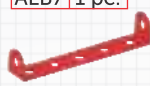
ALB7 1 pc.



Bolts 6 mm 4 pcs.



AB5 2 pcs.



AB7 1 pc.



Step - 2



Nuts 6 pcs.



Bolts 6 mm 6 pcs.



A7 2 pcs.



BT5 1 pc.



Seat 1 pc.



AB2 1 pc.

Step - 3



Nuts 4 pcs.



Bolts 6 mm 4 pcs.

A3 2 pcs.



A9 1 pc.



R8 1 pc.



Step - 4

Assembly of Step 2 & Step 3



80 mm Shaft 1 pc.



Wheel 2 pcs.

Step - 1



Nuts 2 pcs.



Bolts 6 mm 2 pcs.



BT5 1 pc.



AB5 1 pc.



AB7 1 pc.



Step - 2



Nuts 4 pcs.



Bolts 6 mm 4 pcs.



A3 2 pcs.



AB5 1 pc.



AB2 1 pc.



AB3 1 pc.



Step - 3



Nuts 5 pcs.



Bolts 6 mm 3 pcs.



Bolts 18 mm 2 pcs.



A7 2 pcs.



TW1 1 pc.



Seat 1 pc.



PSR 12 1pc.



Steering wheel 1 pc.



Step - 4



Nuts 3 pcs.



Bolts 6 mm 3 pcs.



A9 1 pc.



ALB7 1 pc.



Rubber Bush 1 pc.

Step - 1



Nuts 6 pcs.



Bolts 6 mm 6 pcs.



AB5 2 pcs.



A9 2 pcs.



AB2 2 pcs.



Step - 2



Nuts 10 pcs.



Bolts 6 mm 9 pcs.



Bolt 12 mm 1 pc.



ALB7 2 pcs.



AB45 1 pc.



AB5 2 pcs.



Seat 2 pcs.



Steering Wheel 1 pc.

Step - 3



Nuts 6 pcs.



Bolt 6 mm 4 pcs.



Bolt 12 mm 2 pcs.



A3 1 pc.



A5 1 pc.



ZZ3 2 pcs.



AB4-45 2 pcs.



TW1 2 pcs.



Step - 4



Nuts 8 pcs.



Bolts 6 mm 6 pcs.



Bolts 12 mm 2 pcs.



A2 2 pcs.



A3 1 pc.



A7 2 pcs.



TW1 2 pcs.



AB5 1 pc.



Step - 5



Nuts 5 pcs.



Bolts 6 mm 3 pcs.



Bolts 12 mm 2 pcs.



A5 2 pcs.



80 mm Shaft 2 pcs.



AB7 1 pc.



TW 1 2 pcs.



Step - 6



Wheel 4 pcs.



MODEL- 6

Step - 1



Nuts 6 pcs.



Bolts 6 mm 5 pcs.



Bolts 18 mm 1 pc.



ALB5 1 pc.



A5 2 pcs.



ZZ3 1 pc.



AB3 1 pc.



Step - 2



Nuts 4 pcs.



Bolts 6 mm 3 pcs.



Bolts 18 mm 1 pc.



A7 1 pc.



Spacer 1 pc.



ZZ3 1 pcs.



Seat 1 pc.



AB5 1 pc.



A7 1 pc.



Spacer 1 pc.

Step - 3



Nuts 4 pcs.



Bolts 6 mm 4 pcs.



BT5 1 pc.



AB2 1 pc.



A9 2 pcs.



AB5 1 pc.



Step - 4



Nuts 5 pcs.



Bolts 6 mm 5 pcs.



A3 2 pcs.



AB5 2 pcs.



AB45 1 pc.



Step - 5



Nuts 6 pcs.



Bolts 6 mm 6 pcs.



A2 2 pcs.



TW 1 2 pcs.



Rubber Bush 1 pc.



A5 1 pc.



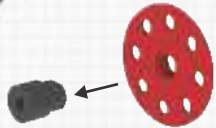
80 mm Shaft 1pc.



Wheel 2 pcs.



R8 1 pc.



Remove the bush from R8 and then attach to model.

MODEL- 7

Step - 1



Nuts 6 pcs.



Bolts 6 mm 6 pcs.



A9 2 pcs.



AB5 1 pc.



ALB7 2 pcs.



Step - 2



Nuts 6 pcs.



Bolts 6 mm 6 pcs.



A3 2 pcs.



A7 2 pcs.



AB5 1 pc.



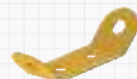
Step - 3



Nuts 5 pcs.



Bolts 6 mm 5 pcs.



AB4-45 2 pcs.



A5 1 pc.



AB45 1 pc.



ZZ3 2 pcs.



Step - 4



Nuts 7 pcs.



Bolt 6 mm 6 pcs.



Bolt 12 mm 1 pc.



AB5 1 pc.



BT5 1 pc.



AB7 1 pc.



Seat 1pc.



Steering Wheel 1 pc.

Step - 5



80 mm Shaft 2 pcs



Wheel 4 pcs.



MODEL- 8

Step - 1



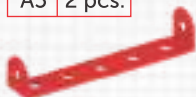
Nuts 3 pcs.



Bolts 6 mm 3 pcs.



A5 2 pcs.



AB7 1 pc.

ALB7 1 pc.



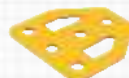
Step - 2



Nuts 4 pcs.



Bolts 6 mm 4pcs.



BT5 1 pc.



AB5 1 pc.



A7 1 pc.

Step - 3



Nuts 3 pcs.



Bolt 6 mm 3 pcs.



A7 1 pc.



80 mm Shaft 1 pc.



Wheel 2 pcs.



Step - 4



Nuts 12 pcs.



Bolts 6 mm 8 pcs.



Bolts 12 mm 4 pcs.



A9 2 pcs.



AB5 4 pcs.



A2 2 pcs.



A3 2 pcs.



R8 1 pc.



Rubber Bush 4 pcs.



Fix 12 mm bolt on A9 with a nut.
Fix AB5 on the bolt with rubber bush.

Step - 5

ASSEMBLY OF STEP 3 & STEP 4



Nuts 2 pcs.



Bolts 6 mm 2 pcs.



Seat 2 pcs.



TW 1 2 pcs.



Step - 1



Nuts 2 pcs.



Bolts 6 mm 2 pcs.



AB2 2 pcs.



ALB7 1 pc.



Step - 2



Nuts 3 pcs.



Bolts 6 mm 3 pcs.



AB5 1 pc.



ZZ3 1 pc.

Step - 3



Nuts 3 pcs.



Bolts 6 mm 2 pcs.



Bolts 12 mm 1 pc.



BT5 1 pc.



AB5 1 pc.



ZZ3 1 pc.



AB3 1 pc.



AB45 1 pc.

Step - 4



Nuts 7 pcs.



Bolts 6 mm 4 pcs.



Bolts 12 mm 1 pc.



Bolts 18 mm 2 pcs.



AB5 1 pc.



Spacer 2 pcs.



PY 1 1 pc.



A5 2 pcs.



Step - 5



80 mm Shaft 2 pcs.



Rubber Bush 4 pcs.



Wheel 2 pcs.



MODEL- 10

Step - 1



Nuts 5 pcs.



Bolts 6 mm 5 pcs.



A5 2 pcs.



AB45 1 pc.



ZZ3 2 pcs.



AB5 1 pc.



ALB5 1 pc.



Step - 2



Nuts 6 pcs.



Bolts 6 mm 6 pcs.



AB5 2 pcs.



AB4-45 2 pcs.



HS5 2 pcs.

Step - 3



Nuts 10 pcs.



Bolts 6 mm 9 pcs.



Bolts 18 mm 1 pc.



A11 1 pc.



SS9 1 pc.

SS9 is a flexible piece



TW1 1 pc.



BT5 1 pc.



AB3 2 pcs.



AB5 1 pc.



Step - 4



Nuts 10 pcs.



Bolts 6 mm 8 pcs.



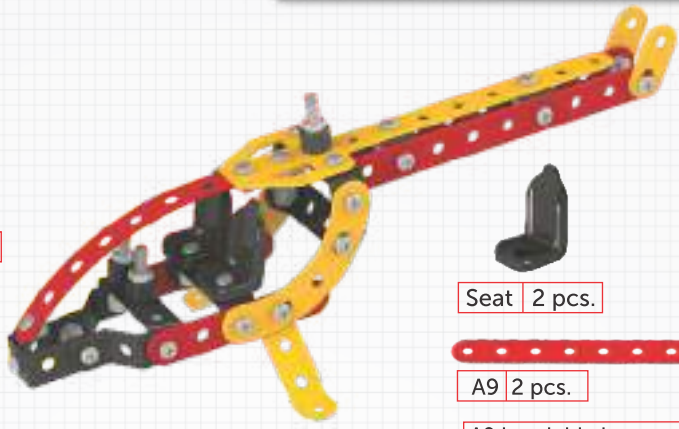
Bolts 18 mm 2 pcs.



TW1 2 pcs.



A2 2 pcs.



Seat 2 pcs.



A9 2 pcs.

A9 is a rigid piece.
Do not use flexible piece.

Step - 5



Nuts 9 pcs.



Bolts 6 mm 7 pcs.



Bolts 18 mm 1 pc.



Bolts 32 mm 1 pc.



A3 1 pc.



A7 2 pcs.



A11 1 pc.



SS9 1 pc.

SS9 is a flexible piece



AB7 2 pcs.



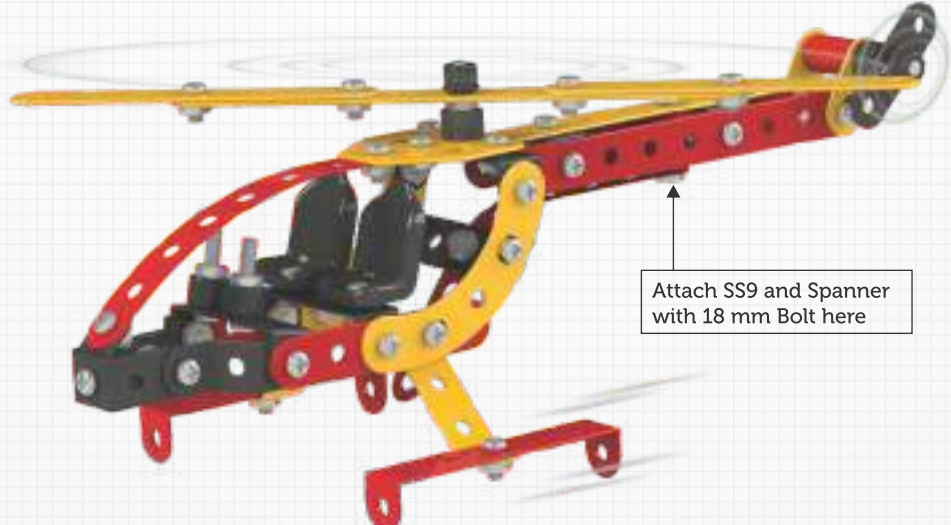
TW1 1 pc.



Rubber Bush 2 pcs.



Spacer 2 pcs.



Attach SS9 and Spanner
with 18 mm Bolt here

MODEL- 11



Nuts 3 pcs.



Bolts 6 mm 2 pcs.



Bolts 12 mm 1 pc.



A11 2 pcs.



AB5 2 pcs.



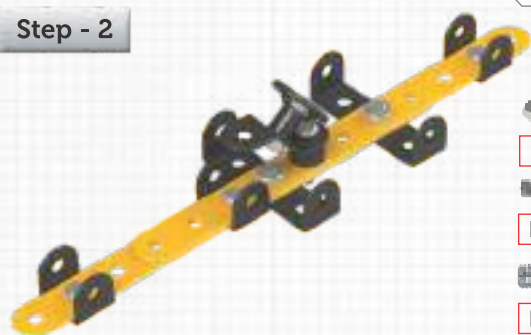
ZZ3 1 pc.



TW1 1 pc.



Step - 2



Nuts 4 pcs.



Bolts 6 mm 3 pcs.



Bolts 12 mm 1 pc.



Steering Wheel 1 pc.



AB3 3 pcs.

Step - 3



Nuts 9 pcs.



Bolts 6 mm 4 pcs.



Bolts 12 mm 1 pc.



Bolts 18 mm 4 pcs.



A5 2 pcs.



Spacer 4 pcs.



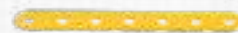
AB45 1 pc.



AB7 1 pc.



TW1 1 pc.



A7 2 pcs.



Step - 4



Nuts 4 pcs.



Bolts 6 mm 4 pcs.



AB5 1 pc.

A5 2 pcs.



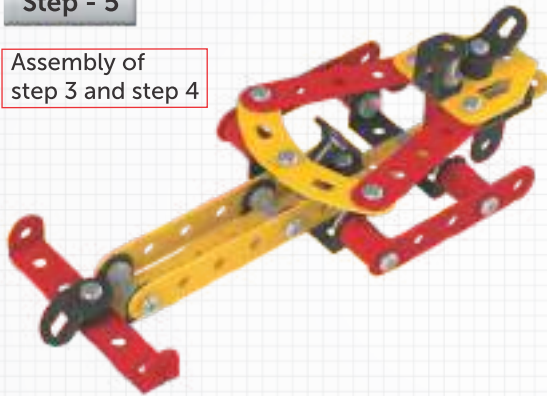
BT5 1 pc.

HS5 1 pc.



Step - 5

Assembly of
step 3 and step 4



Nuts 3 pcs.



Bolts 6 mm 1 pc.



Bolts 12 mm 1 pc.



Bolts 32 mm 1 pc.



AB45 1 pc.



AB3 1 pc.



TW1 1 pc.



Spacer 1 pc.

Step - 6



Nuts 6 pcs.



Bolts 6 mm 6 pcs.



SS9 2 pcs.

SS9 is a flexible piece



AB7 1 pc.



TW1 8 pcs.



Seat 1 pc.



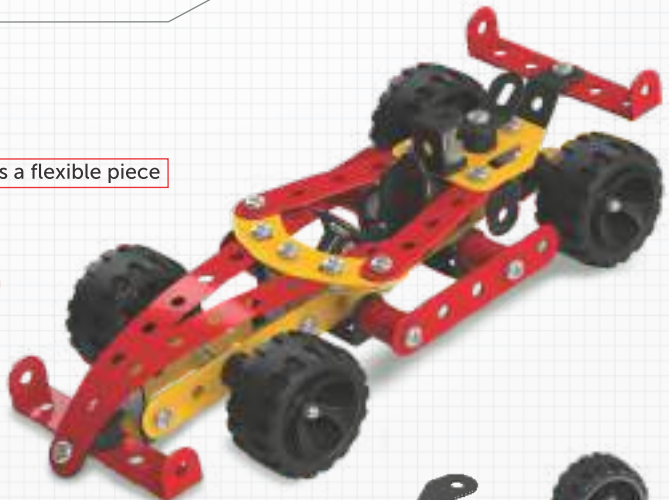
80 mm Shaft 2 pcs.



ZZ3 1 pc.



Wheel 4 pcs.



MODEL- 12

Step - 1



Nuts 3 pcs.



Bolts 6 mm 3 pcs.



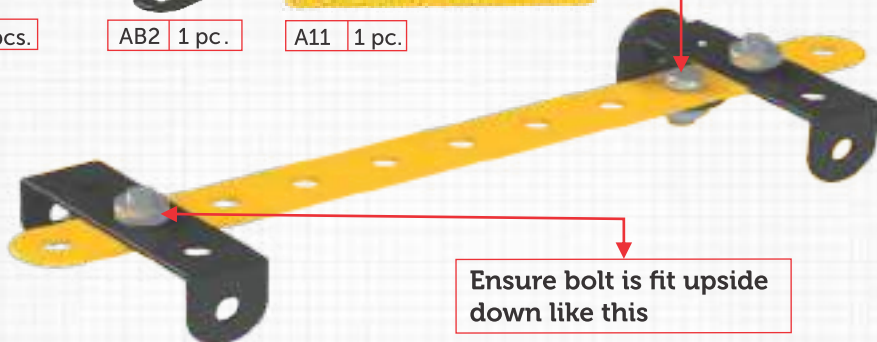
AB5 2 pcs.



AB2 1 pc.



A11 1 pc.



Step - 2



Nuts 4 pcs.



Bolts 6 mm 3 pcs.



Bolts 18 mm 1 pc.



A7 2 pcs.



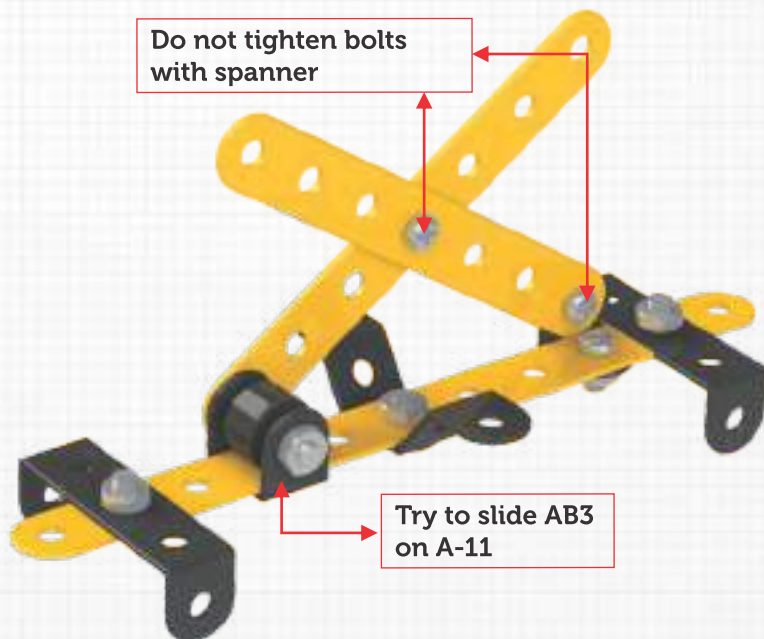
TW1 1 pc.



ZZ3 2 pcs.



AB3 1 pc.



Step - 3



Nuts 4 pcs.



Bolts 6 mm 2 pcs.



Bolts 18 mm 2 pcs.



Spacer 2 pcs.



HS5 1 pc.



BT5 2 pcs.



AB7 1 pc.



Step - 4



Nuts 6 pcs.



Bolts 6 mm 4 pcs.



Bolts 12 mm 2 pcs.



TW1 2 pcs.



A3 2 pcs.



AB45 1 pc.



Seat 1 pc.



AB7 1 pc.



Step - 5



Nuts 7 pcs.



Bolts 6 mm 5 pcs.



Bolts 12 mm 1 pc.



Bolts 18 mm 1 pc.

A9 is a rigid piece.
Do not use flexible piece.



A9 2 pcs.



A11 1 pc.



AB3 1 pc.



AB2 1 pc.



Steering Wheel 1 pc.



TW1 1 pc.



Step - 6



Nuts 17 pcs.



Bolts 6 mm 17 pcs.



A5 4 pcs.



SS9 2 pcs.

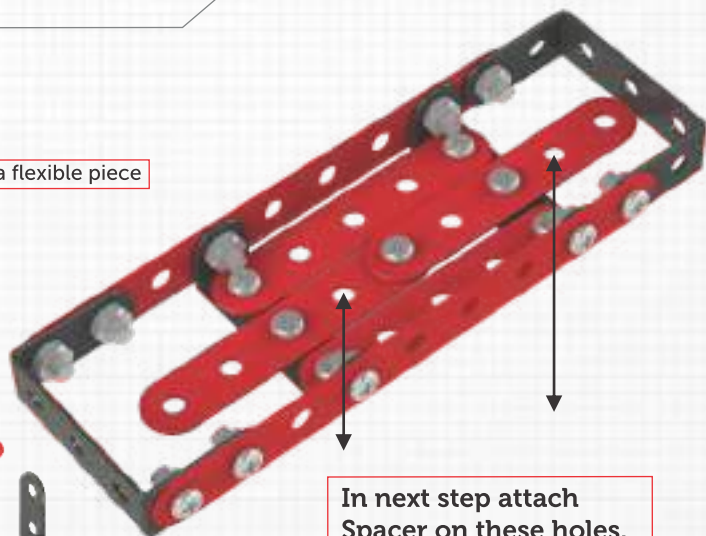
SS9 is a flexible piece



AB5 2 pcs.



ALB7 2 pcs.



In next step attach
Spacer on these holes.

Step - 7

Assembly of Step 5 and 6



Nuts 2 pcs.



Bolts 18 mm 2 pcs.



80 mm Shaft 2 pcs.



Spacer 2 pcs.



Step - 8



Wheel 4 pcs.

MODEL- 13

Step - 1



Nuts 8 pcs.



Bolts 6 mm 8 pcs.



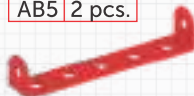
A2 2 pcs.



A11 2 pcs.



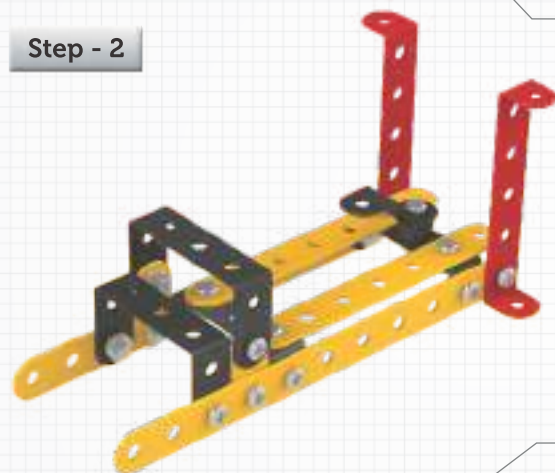
AB5 2 pcs.



AB7 2 pcs.



Step - 2



Nuts 9 pcs.



Bolts 6 mm 8 pcs.



Bolts 12 mm 1 pc.



TW1 1 pc.



A7 2 pcs.



ZZ3 1 pc.



ALB7 2 pcs.



Step - 3



Nuts 7 pcs.



Bolts 6 mm 6 pcs.



Bolts 18 mm 1 pc.



ZZ3 1 pc.



BT5 1 pc.



TW1 1 pc.



Steering Wheel 1 pc.



AB5 1 pc.



Seat 1 pc.



Step - 4



Nuts 8 pcs.



Bolts 6 mm 6 pcs.



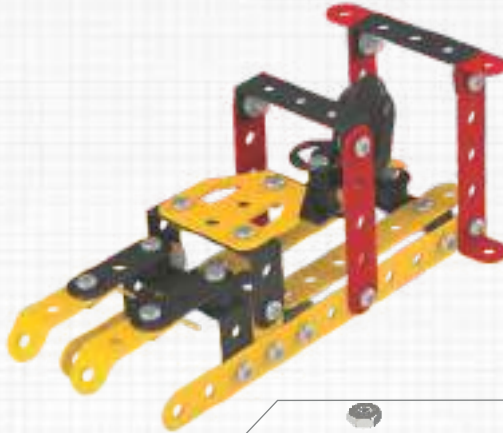
Bolts 12 mm 2 pcs.



A3 2 pcs.



A5 2 pcs.



AB5 1 pc.

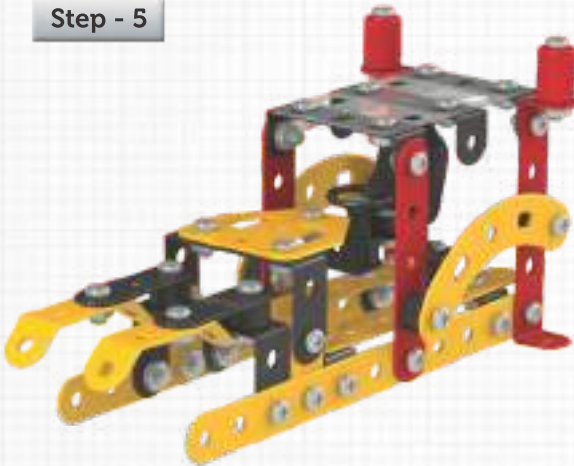


TW1 2 pcs.



AB4-45 2 pcs.

Step - 5



Nuts 12 pcs.



Bolts 6 mm 6 pcs.



Bolts 12 mm 4 pcs.



Bolts 18 mm 2 pcs.



HS5 2 pcs.



Spacer 2 pcs.



AB5 1 pc.



TW1 4 pcs.



PSR12 1 pc.
Transparent

Step - 6



80 mm Shaft 2 pcs.



Rubber Bush 2 pcs.

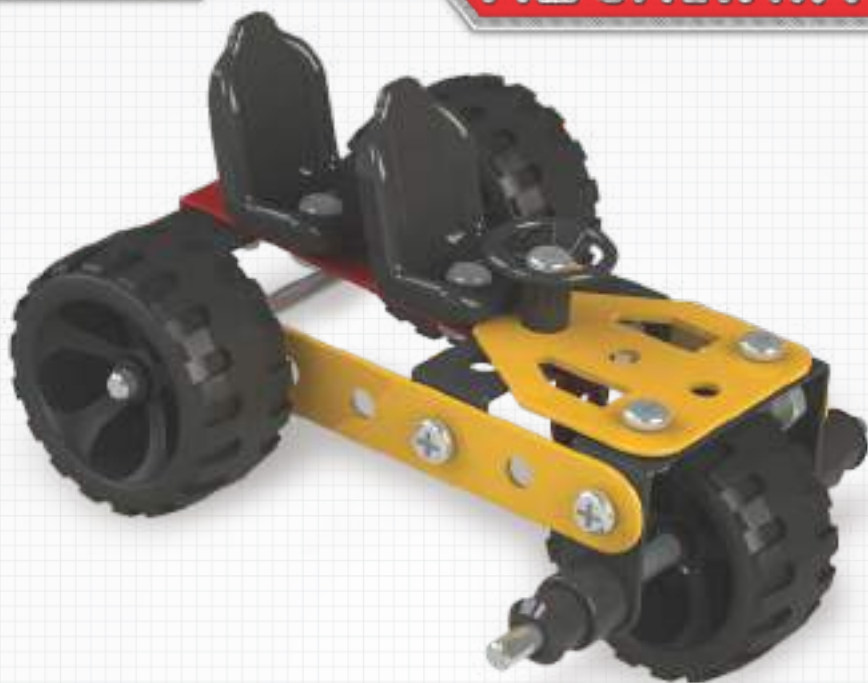


TW1 2 pcs.



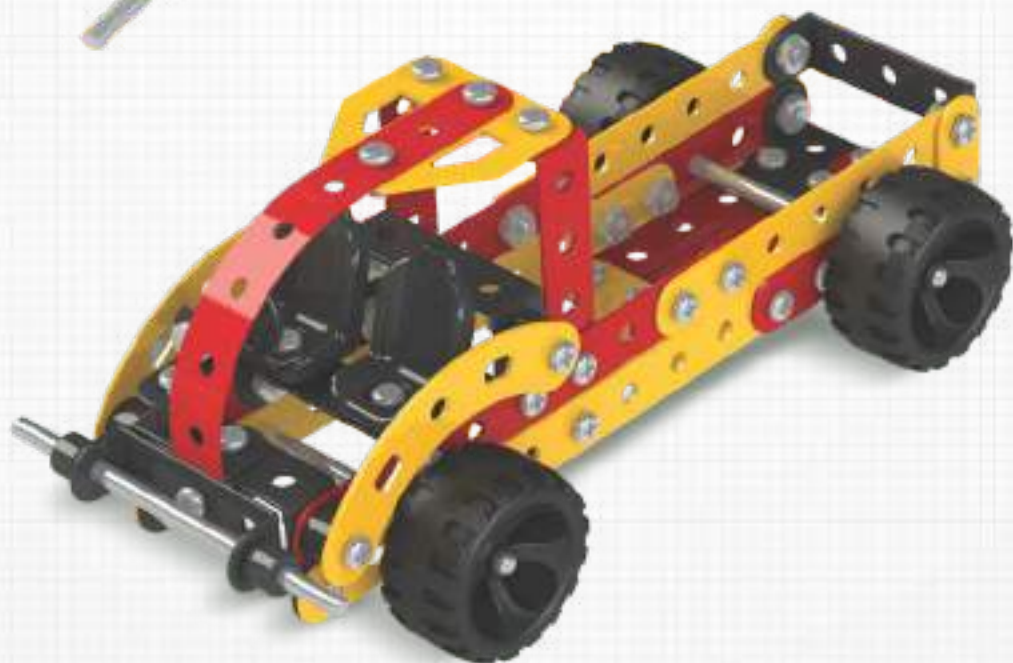
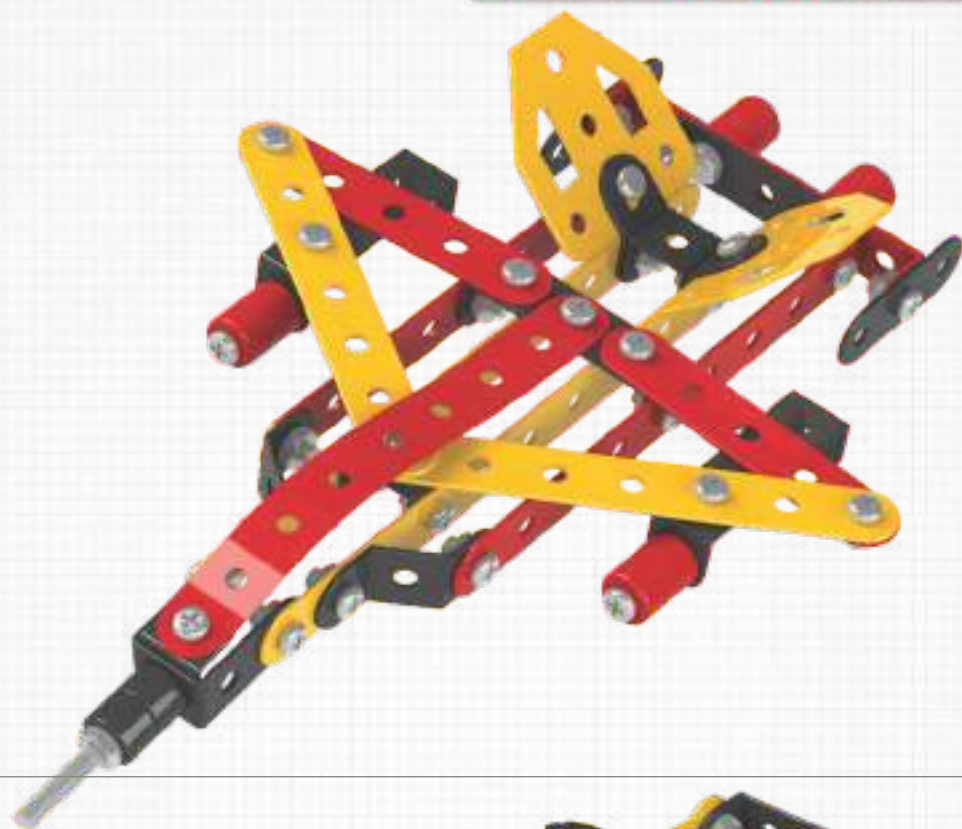
Wheel 4 pcs.











BATTLE STATION

MECHANIX Battle Station - 2

- Contents:-
• No. of Models: 5
• No. of pcs.: 118



MECHANIX Battle Station - Transporter

- Contents:-
• No. of Models: 5
• No. of pcs.: 359



ROBOTIX



MECHANIX Robotix - 0

- Contents:-
• No. of Models: 5
• No. of pcs.: 84



MECHANIX Robotix - 1

- Contents:-
• No. of Models: 8
• No. of pcs.: 114



MECHANIX Robotix - 3

- Contents:-
• No. of Models: 8
• No. of pcs.: 219

MECHANIX SERIES



MECHANIX Basic

- Contents:-
• No. of Models: 6
• No. of pcs.: 90



MECHANIX Junior

- Contents:-
• No. of Models: 14
• No. of pcs.: 168



MECHANIX Advance

- Contents:-
• No. of Models: 28
• No. of pcs.: 249

MINI MECHANIX



MINI - BIKE

- Contents:-
• No. of Models: 1
• No. of pcs.: 29



MINI - PLANE

- Contents:-
• No. of Models: 1
• No. of pcs.: 39



MINI - CAR

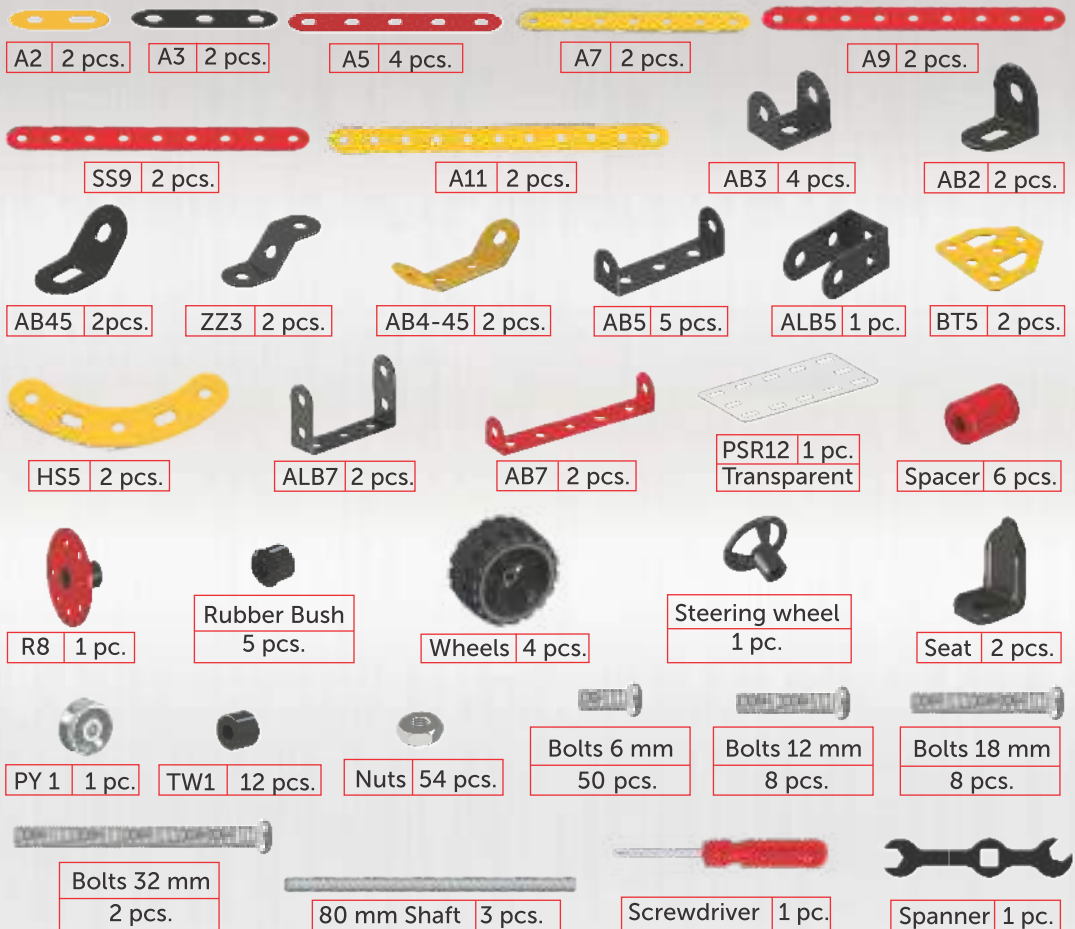
- Contents:-
• No. of Models: 1
• No. of pcs.: 35



MINI - TRACTOR

- Contents:-
• No. of Models: 1
• No. of pcs.: 29

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SAFETY

- All parts of Mechanix sets are completely safe for builders of the recommended age group and confirm to European safety standards.
- Specially designed screwdriver, with a blunt tip, prevents slippage and makes the Mechanix set absolutely safe.

SKILL BUILDING

- All Mechanix sets start with an easy to construct model and gradually the models become more challenging as the skill of the builder grows.
- An easy to understand, step by step manual is provided to guide the builder initially, till he/she is confident to handle the construction on their own. This makes it an enjoyable learning experience.