International Space Station „ISS“
The International Space Station is the largest man-made extra-terrestrial object. The construction and operation of this space station represent the greatest scientific and technical project ever carried out in global collaboration. Highly qualified engineers and scientists from 15 nations participate in the installation and have thereby created a serviceable centre for space research for peaceful purposes in a low orbit round the earth. Biological and materials sciences, technology, earth resources technology and astronomy have been given totally new impetus by this space station. The space lab circles the globe at a speed of approx. 28,000 km/h on an orbit between 350 and 450 km above the earth. One earth orbit takes approx. 90 minutes. The station is powered by gigantic solar sails extending over a total area of 4,500 m² generating 120 kW of electric power. The individual components such as external solar collectors, experiment platforms, research and living modules are anchored to a huge lattice tower structure. The total weight is approx. 450 tonnes. The international partners who are participating in the construction and utilization of this space station include the USA, Russia, Japan, Canada and Europe. The European Space Agency (ESA) is an important partner in this project and is responsible for the „Columbus“ space laboratory (COP) and the automatic transport vehicle (ATV). A major NASA contractor, Boeing, is responsible for the tubular space frame, solar panels and various other modules. Since the year 2000, the space station has been providing a permanent orbital workplace for men and women from many countries and, according to the current schedules, should be fully completed in 2017. The first module went into orbit in 1998 and has been assembled piece by piece within the last years. The International Space Station is a platform for essential research into space and all its mysteries.
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A new approach to achieve the highest possible performance of your machine in the field, this article is a solid in its integrity diverse to the quality and the design of the product.

This Model MTR has been subject to extensive quality and weight checks during the manufacturing process to ensure its features to be in line with the usual condition. It can be a very good opportunity for our customers to achieve what is expected from us without prior authorization by a company representative will not be accepted and returned to sender. For our customers to ensure that they will continue to be available for us without prior authorization.

Please note the following symbols, which are used in the following construction stages:

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Allseitig anpassen.
Fit all-round.
Ajuster sur tous les côtés.
Aan alle zijden aanpassen.
Adattare da tutti i lati.
Anpassa runtom.
Adaptar en todos los lados.

Aluminium Rods
B / C / D / F / G / H
50

51

52

(Design status year 2000)

49

108 A
110 G
109 D
106 F