

Aluminium Flat Bar

Extruded aluminium flat bar, also known as aluminum flat stock or "rectangle bar", is an excellent candidate for most processing techniques and both interior and exterior applications.

Aluminum flat bar are aluminum rods extruded to form rectangular and square aluminum strips, or long strips of aluminum alloy material obtained by rolling aluminum plates and sawing cut. Aluminum flat bars have defined edges, a smooth finish, and are light weight. Common applications include brackets and structural trim in shipbuilding. With above average corrosion resistance, this is an excellent choice wherever strength is required.

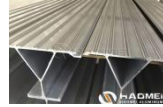
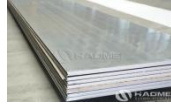
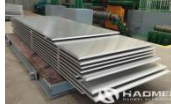
Specification of Aluminium Flat Bar:



Alloy	6061/6082
Temper	T6, T6511
Side length mm	A side thickness is 3mm - 250mm B side width is 3mm - 30mm
Normal length	Max 6m, 3000mm, 4000mm, 6000mm or Customized
Standard	GB/T6892; EN-755; ASTM B221; AMS-QQ-A-200/8
Surface treatment	Anodizing, electrophoretic coating, powder coating, etc.
Production Process	Cold finish, Extruded

Grade of aluminum rectangular bar:

6061 aluminum rectangular bar, the main alloying elements are magnesium and silicon. It is a heat-treatable reinforced aluminum alloy. 6061 T6 and T4 extruded aluminum bars are commonly used, and large-sized aluminum bars are usually cut with aluminum plates.



6082 aluminum rectangular bar, 6082 contains Mn element. It is an aluminum alloy sheet that can be strengthened by heat treatment. 6082 T6 aluminum flat bar is commonly used in the industry.

In terms of appearance, the aluminum flat bar is very thin in thickness, very wide in width, and has a large ratio of thickness to width.

Features of Aluminum Flat Bar:

- Lightweight, defined edges with smooth finish
- General purpose material
- Good corrosion resistance
- Excellent candidate for most processing techniques
- Excellent at resisting moisture and strong for its light weight
- Medium strength, good welding performance, good oxidation effect

Applications of Aluminum Flat Bar:

Various industrial structural parts and supports that have requirements on strength and corrosion resistance. It has been widely used in transportation and structural engineering industries, such as bridges, cranes, roof structures, transport aircraft, transport ships, etc.

Why Choose Haomei Aluminum?

- Specialization: We excel in providing top-grade marine grade aluminum profiles.
- Diverse Options: Explore a variety of other grades to suit your specific project requirements.
- Value-added Services: Benefit from efficient sourcing, quick turnaround, and services like precision saw cutting for seamless project integration.
- Reliability: As your trusted aluminum profile distributor, we are committed to meeting your needs promptly and efficiently.
- Certified: Haomei Aluminum is an ISO-certified, CCS, DNV, LR, KR, BV, RINA, and ABS certified, family-owned, and operated provider of high-quality specialty metals and alloys.



High conductivity



Bending without cracking



No burr at the edge