



Anodized Industrial Aluminum Profile Rail For Solar Mounting System

Our Product Introduction

for more products please visit us on aluminumextrusion-profiles.com

Basic Information

- Place of Origin: China
- Brand Name: MetalPlus
- Certification: CA ,CE ,ISO14001:2004, ISO9001:2000
- Minimum Order Quantity: 1 ton
- Packaging Details: Ep paper ,kraft ,pallet
- Delivery Time: 20days
- Payment Terms: T/T ,L/C
- Supply Ability: 100 000ton each month



Product Specification

- Product Name: Industrial Aluminium Profile
- Alloy: 6063 ,6005,6060
- Material: Aluminum
- Surface Treatment: Mill Finished,Anodized ,Electrophoretic Coated,Powder Spray Coated, Drawbench,Steel Polished
- Deep Process: Milling, Drilling, Bending,Cutting
- Temper: T5, T6
- Highlight: **Anodized Industrial Aluminum Profile Rail, 6060 Aluminum Profile Rail, T6 Industrial Aluminum Profile Rail**



Product Description

Anodized Industrial Aluminum Profile / Aluminum Rail for solar mounting system

Product Specification

| | |
|-------------------------------|---|
| Features: | High-corrosion resistance Easy installation Wide application Strong structure Prompt delivery OEM and ODM services are provided Well packaged High-durability Stand up extreme weather Avoid welding and cut on the spot |
| Solar mounts from MetalPlus : | Delivered on time and on budget |
| | Engineered to provide clean, affordable electricity overdecades of silent, reliable operating |
| | Professionally warranted and managed to keep your investmentfinely tuned |
| | Installed on the ground or roof-mounted all over the World |

Applications:

Our aluminum profile has a wide range of application, like Radiator, Assembly line, Frame system, Machine Guards, Stairs & Platforms, Display rack, Automotive, Motor aluminium housing, Bridge system, Vessel, Elevator, etc.

Specifications:

1. Primary Technical Data

1)Chemical composition

| Alloy | Si | Fe | Cu | Mn | Mg | Cr | Zn | Ti | Impurity | Al |
|-------|---------|---------|----------|------|----------|-----------|------|------|----------|------|
| 6063 | 0.2-0.6 | 0.35 | 0.1 | 0.1 | 0.45-0.9 | 0.1 | 0.1 | 0.1 | 0.15 | Rest |
| 6061 | 0.4-0.8 | 0.7 | 0.15-0.4 | 0.15 | 0.8-1.2 | 0.04-0.35 | 0.25 | 0.15 | 0.15 | Rest |
| 6060 | 0.3-0.6 | 0.1-0.3 | 0.1 | 0.1 | 0.35-0.6 | - | 0.15 | 0.1 | 0.15 | Rest |
| 6005 | 0.6-0.9 | 0.35 | 0.1 | 0.1 | 0.40-0.6 | 0.1 | 0.1 | 0.1 | 0.15 | Rest |

2) Mechanical property

| Alloy | Temper | Tensile strength | Yield strength | Elongation |
|-------|--------|------------------|----------------|------------|
| 6063 | T5 | ≥ 160Mpa | ≥ 110Mpa | ≥ 8% |
| | T6 | ≥ 205Mpa | ≥ 180Mpa | ≥ 8% |
| 6061 | T6 | ≥ 265Mpa | ≥ 245Mpa | ≥ 8% |

| 公司图号 | 图 样 | 线密度 kg/m | 公司图号 | 图 样 | 线密度 kg/m |
|--------|-----|-------------|--------|-----|-------------|
| HT-745 | | 1.292 | HT-752 | | 1.646 |
| HT-746 | | 0.786 | HT-753 | | 2.952 |
| HT-747 | | 2.524 | HT-754 | | 2.015 |
| HT-749 | | 0.464 | HT-767 | | 1.522 |
| HT-750 | | 0.808 | | | |
| HT-751 | | 1.616 | | | |

Competitive Advantage:

- 1) Engineering design and support.
- 2) Aluminum profiles deeply processing: cutting, punching, drilling, milling, and fabricating.
- 3) High Quality system, strictly inspection during production and whole inspection before package.
- 4) Good performance, product warranty for 15 years.



