



6063 6061 Alloy Customized CNC Machining Silvery Anodized Aluminum End Clamp for Solar Mounting

Our Product Introduction

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Basic Information

- Certification: ISO, RoHS
- Minimum Order Quantity: 5,000
- Price: 0.12



Product Specification

- Model NO.: End Clamp
- Shape: Angle
- Grade: 6000 Series
- Temper: T5/T6
- Alloy: 6063
- Surface Finishing: Anodic Oxidation
- Material: Aluminium
- Surface Treatment: Anodizing/Mill Finished
- Specification: 30 40 50
- Production Capacity: 50000PCS /Month
- Tensile Strength T5: $\geq 160\text{Mpa}$
- Yield Strength T5: $\geq 110\text{Mpa}$
- Elongation T5: $\geq 8\%$
- Tensile Strength T6: $\geq 205\text{Mpa}$
- Yield Strength T6: $\geq 180\text{Mpa}$



More Images



Product Description

Product Overview

6063 6061 Customized CNC Machining OEM Silvery Anodized Aluminum End Clamp / Solar Mounting End Clamp

Key Features

- Enables easy, fast and cost-effective installation
- Flexible post spacing withstands different wind & snow loads
- High quality material in Aluminum and SUS 304
- Highly corrosion resistant surface treatment
- Screws and nuts included with all necessary components
- Fasteners and rail nut fully configured to eliminate extra parts purchasing
- Mechanical calculation and reliability tested to ensure highest product quality
- 12-25 years system and structural guarantee

Applications

Aluminum profiles used in automotive, railway machinery, electronics, medical and other industrial fields. In hardware, machinery, electromechanical parts, and solar PV products, aluminum frames serve as important auxiliary materials. We also provide aluminum profiles for radiators, fitness machinery, buildings, lighting instruments, windpipes, and oil pipelines.

Technical Support

Our company employs over 600 staff members, including 50 R&D and structural design personnel. We can provide initial design drawings and heat sink specifications within the shortest timeframe. Once designs are approved, we provide quotations and actual lead times. Metalplus extrudes profiles and performs CNC machining for sample testing. Approved prototypes are sent to clients for confirmation before proceeding to full production. This represents the most cost-effective customization method for achieving high-performance heat sinks.



Technical Specifications

Primary Technical Data

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

Mechanical Properties

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

Product Specifications

Excellent material for smooth and subtle edges. Elegant appearance. Surface treatment: colorful anodized or powder coated, customized surface finishes available. Suitable for construction and other industrial purposes.

Competitive Advantages

- Direct from factory pricing
- 100% inspection with QC report
- Short lead time (5-20 days)

One-stop customized service



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