



Bright Black Anodized HVLS Fan Blade with T5/T6 Temper and ISO9001 Certification for Industrial Use

Our Product Introduction

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Basic Information

- Certification: SONCAP, ISO, RoHS, TUV
- Minimum Order Quantity: 500
- Price: 1



Product Specification

- Model NO.: HVLS Fan Blade
- Grade: 6000 Series
- Temper: T3-T8
- Alloy: 6063
- Surface Finishing: Anodic Oxidation
- Alloying Ingredient: 6063
- Width: From 90mm To 250mm Or Customized
- Tensile Strength: $\geq 160\text{Mpa}$ (T5), $\geq 205\text{Mpa}$ (T6)
- Yield Strength: $\geq 110\text{Mpa}$ (T5), $\geq 180\text{Mpa}$ (T6)
- Elongation: $\geq 8\%$
- Max Diameter: 600mm
- Production Capacity: 50000PCS /Month
- Surface Treatment: Anodizing/Powder Painting/Electrophoresis
- Deep Processing: Tapping, Cutting, Milling
- Transport Package: Carton&Wooden Case



More Images



Product Description

Top Quality Bright Black Anodized HVLS Fan Blade Aluminum Profile with Accurate Cutting

MetalPlus specializes in custom industrial aluminum extrusion fan blade profiles, designed to meet specific performance and design requirements. With extensive expertise in fan blade profile design, tooling, prototyping, testing, balancing, and large-scale production, we deliver precision-engineered solutions.

Product Specifications

Product Name	Aluminum Fan Blade
Material	6063 / 6061 aluminum alloy
Temper	T5/T6
Surface Treatment	Mill finish, powder coating, anodizing, wooden grain coating, polishing, electrophoresis, PVDF, sand blasting
Size	Customized to specifications
Width	90mm to 250mm or custom
Color	Natural silver, black, or custom colors
Deep Processing	Cutting, drilling, threading, bending
Application	Building, industry, machinery
Certification	ISO9001

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

Mechanical Properties:

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

Competitive Advantages

- Pure 99.7% aluminum materials without any scrap used
- OEM services with custom design and die cutting
- Premium surface treatment options
- Strict quality control processes
- Hard alloy for extended lifespan
- Secure and convenient packaging

Technical Support

Our comprehensive services include:

- Custom profile design with CAD drawings and 3D models
- Design analysis and optimization by our R&D team
- Complete production process from raw materials to finished products
- Precision control of alloy composition and product accuracy

Manufacturing Capabilities

Extrusion: 44 aluminum extrusion lines capable of producing profiles up to 600mm diameter, including complex industrial profiles.

Anodizing: 6 production lines for uniform oxidation with various color options and strict quality control.

Painting: 4 powder spraying lines using high-quality Swiss equipment and environmentally friendly paints.

CNC Machining: Advanced equipment for precision milling, drilling, tapping, and bending of profiles up to 6 meters.

Packing and Shipping

Finished products are carefully packaged and undergo strict quality inspection before delivery. Our organized warehouse system ensures accurate order fulfillment.

Certifications

Company History

- 2004: Recognized brand in building industry materials
- 2006: ISO9001 certification
- 2009: Jiangsu Famous Brand Certificate
- 2012: Established partnerships with Panasonic and LG
- 2015: Supplier for German clients
- 2019: Supplier for world's largest heater manufacturers

Notable Projects

Soccer City Stadium, Johannesburg: Primary aluminum supplier for Africa's largest stadium with 94,000 seat capacity.

Lobster Trailers: Collaboration with Nordic trailer manufacturer, providing optimized aluminum components.

School Furniture: Supplied aluminum legs for school desks to local education projects.



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