

6063 Aluminum Alloy Industrial Fan Blade with Powder Coated Surface and Customized Dimension

Our Product Introduction

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

Basic Information

- Certification: ISO
- Minimum Order Quantity: 300
- Price: 2.99

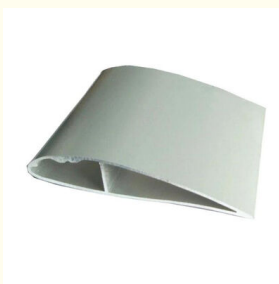


Product Specification

- Material: 6063 Aluminum Profile
- Tolerance: $\pm 0.1\text{mm}$
- Section Size: Square: $\leq 150 \times 150\text{mm}$, Rectangle: $\leq 250 \times 50\text{mm}$, Round: $\leq \varnothing 170\text{mm}$
- Surface Treatment: Powder Coating, Anodizing, Sandblasting, Brushing, Passivation, Silk Screen, Polishing, Wood Grain Coated, Galvanise, Plating, PVDF, Matt
- Color Options: Wooden Grain, Aluminium Silver, Brilliant Black, Cream White, Chocolate Brown, Bronze, Champagne, Golden Yellow
- Processing: Cutting, Punching, Bending, Tapping, Drilling, CNC Lathe
- Grade: 6000 Series
- Temper: T3-T8
- Alloying Ingredient: 6063
- Surface Finishing: Sandblasting Oxidation



More Images



Product Description

Aluminum Fan Blade Powder Painting Extrusion Profile

Custom aluminum extrusion profiles designed for industrial fan blade applications with precision powder coating finish.

Product Specifications

Material	6063 aluminum profile
Mechanical Processing	Aluminium profile extruding, Precision milling, Cutting, Punching, Bending, Tapping, Drilling, CNC lathe operations
Tolerance	Length: $\pm 0.2\text{mm}$, Holes: $\pm 0.05\text{mm}$
Surface Treatment	Powder Coating in RAL Color, Anodizing (AA10/15/20/25), Sandblasting, Brushing, Passivation, Silk screen, Mechanical/Chemical Polishing, Wood grain coated /Wooden transfer, Galvanizing, (Nickel/Tin/Chrome/Copper) Plating, PVDF, Matt finishes
Color Customization	Wooden Grain, Aluminium Silver, Brilliant Black, Cream White, Chocolate Brown, Bronze, Champagne, Golden Yellow
Section Size	Square: $\leq 150 \times 150\text{mm}$ Rectangle: $\leq 250 \times 50\text{mm}$ Round: $\leq \varnothing 170\text{mm}$
Package	Inner plastic paper/PE paper interleaving each piece; Outer fixed by plywood or pallets with shipping mark; Custom packaging available
Delivery Time	15-25 days after deposit

Manufacturing Advantages

We export the majority of our customized products to the United States and Europe, where our customers have become regulars. Our extensive experience enables us to easily satisfy customer requirements.

- Over 17 years of specialized experience in aluminum extrusion manufacturing
- Strong design capabilities with fast extrusion, CNC machining, milling, and turning services
- Complete metal processing capabilities including stamping, laser cutting, CNC bending, and welding
- Comprehensive quality control throughout the manufacturing process ensures long-term stability and excellent product quality

Technical Support Services

- Custom design services for extruded profiles including CAD drawings and 3D models for customer confirmation
- Professional R&D team analyzes and optimizes customer designs to reduce production costs and improve performance
- Complete "one-stop" service from product design, custom molds, aluminum bar melting and casting, extrusion profiling, precision machining, to surface treatment

Factory Equipment Capabilities

Extrusion

Equipped with 44 aluminum extrusion lines, capable of producing various standards of commercial and industrial aluminum profiles with maximum outer diameter of 350mm. Our largest 6800 ton extruder can handle industrial profiles up to 600mm diameter.

Anodizing

Six anodizing production lines create uniform oxidation film thickness and color. Products feature improved corrosion resistance, hardness, and wear resistance with various color options including silver, black, gold, champagne, and imitation steel.

Painting

Four powder spraying lines equipped with high-quality Gema Switzerland spray nozzles using safe, environmentally friendly paint with strong adhesion and durable color retention.

CNC Machining

Advanced machining equipment operated by experienced technicians ensures precision and quality. Capabilities include 12 PRATIC machining centers for profiles up to 6 meters, automatic cutting machines from Wegoma, 30 punching machines (50-100 tons), 10 stretch bending machines, and 10 milling machines.

Packing & Shipping

Finished products are manually packaged and ready for delivery. Strict warehouse management procedures ensure quality control with detailed transaction records and pre-delivery examination.

Certifications

Company History

- 2004: Recognized brand of the building industry material market
- 2006: Certificate for product exemption from quality surveillance inspection and ISO9001
- 2009: Advanced company, Jiangsu famous brand certificate, and credible product of quality in Jiangsu Province
- 2012: Established business relationships with Panasonic and LG
- 2015: Became innovative producer and supplying partner for European clients
- 2017: Developed new products of baseboard heaters
- 2019: Cooperated with world's largest heater manufacturers, supplying aluminum shells
- 2023: Expanding overseas distributor network for win-win benefits

Notable Projects

Soccer City Stadium, Johannesburg - Africa's largest stadium with 94,000 seats. We served as the main aluminum supplier for this prestigious project.

Lobster Trailers - Nordic trailer manufacturer collaboration where our R&D team optimized designs and processing for cost efficiency and performance.

School Project - Supplied aluminum legs for school desks, helping customers secure project tenders through strong design capabilities and mature techniques.



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