



## Custom Polished Bright Anodized Aluminum Extrusion Profile for Shower Room with Precision Cutting

Our Product Introduction

for more products please visit us on [aluminumextrusion-profiles.com](http://aluminumextrusion-profiles.com)

### Basic Information

- Certification: SONCAP, ISO, RoHS, TUV
- Minimum Order Quantity: 1,000
- Price: 3.9

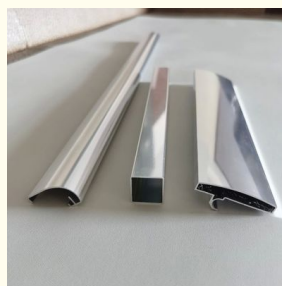


### Product Specification

- Grade: 6000 Series
- Temper: T3-T8
- Alloy: 6063
- Surface Finishing: Anodic Oxidation
- Profile Thickness: 0.8 - 5.0mm
- Anodized Thickness: 8 - 25um
- Powder Coated Thickness: 60-120um
- Length: 3m - 6m
- Extrusion Size: 400\*150mm,  $\phi 360$
- 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:  $\geq 8\%$
- Production Capacity: 5000 Metric Tons/month
- MOQ: 500kgs
- Extrusion Machine: 6800 Ton



### More Images



## Product Description

### Custom Polished Bright Anodized Aluminum Extrusion Profile for Shower Room

Our 4500T grade extrusion machine enables production of any section within 400×150mm and φ360. We welcome your custom drawings. Price includes basic aluminum ingot, extrusion cost, surfacing cost, and extras. We also supply fully assembled premium grade window & door systems.

#### Product Specifications

Item	Aluminum Bright Shiny Polished Industrial Extrusion Profiles
Material	Aluminium 6000 series alloy: 6063, 6005, 6061
Temper	T4, T5, T6
Size	3m - 6m per piece (custom lengths available)
Shape	Round, square, flat, hollow, oval, triangle, U-profile, L-profile, T-profile (custom shapes available)
Thickness	0.8 - 5.0mm
Application	Elevator components, shower rooms, and industrial applications

#### Surface Treatment Options

Surface Treatment	Mill-finish, anodized, powder coated, electrophoresis, brushed
Anodized Colors	Silver, black, champagne, bronze, gold (custom colors available)
Anodized Thickness	8 - 25μm
Electrophoresis Colors	Silver, black, champagne, bronze, gold (custom colors available)
Powder Coated Colors	Custom colors available
Powder Coated Thickness	60 - 120μm
Color Stability	10-20 years for indoor applications

#### Packing Options

Bundles Packing	EP foam protection with waterproof craft paper wrapping
Carton Packing	Individual plastic bags with multiple units per carton
Wood Pallet Packing	Bundles or cartons loaded on wooden pallets
Custom Packing	Special packing requirements accommodated

#### Service Details

MOQ	500kg per item (13-15 tons for 20GP container; 25 tons for 40HQ)
OEM Service	Accepts customer drawings, samples, or design specifications
Production Capacity	5,000 metric tons monthly
Deep Processing	CNC, drilling, milling, cutting, bending, tapping, welding, assembling, punching
Brand Name	HENTEC
Certifications	ISO9001-2008, ISO14001, SGS
Delivery Time	12-18 days for die development and samples; 20-30 days for mass production after sample approval
Payment Terms	T/T, L/C
FOB Port	Shanghai

### Applications

Our aluminum profiles are used in automotive, rail, machinery, electronics, medical, and industrial applications. They serve as essential components for hardware, machinery, electromechanical parts, solar PV products, radiators, fitness equipment, building materials, lighting fixtures, and various piping systems.

### Competitive Advantages

- Comprehensive engineering design and technical support
- Advanced deep processing capabilities including cutting, punching, drilling, milling, and fabrication
- Rigorous quality control with inspections throughout production
- 15-year product performance warranty

### Technical Specifications

#### 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%

### Technical Support

- Custom design services including CAD drawings and 3D models
- Design optimization by our R&D team to reduce costs and improve performance
- Complete "one-stop" service from design to finished product
- Strict quality control throughout the entire production process

### Production Capabilities

Our facility operates 44 aluminum extrusion lines capable of producing profiles up to 350mm in diameter. Our largest 6800-ton extruder handles complex industrial profiles up to 600mm diameter. We specialize in custom molds and complex profile designs with our in-house R&D team.

### Surface Treatment Facilities

Our 6 anodizing lines produce uniform oxidation films (8-25µm) in various colors. All products undergo rigorous inspection, with defective items either reprocessed or scrapped. We also operate 4 powder coating lines using Swiss Gema equipment and environmentally friendly paints.

### CNC Machining Capabilities

Our advanced machining center includes 12 PRATIC machining centers for complex profiles up to 6 meters, automated Wegoma cutting systems, 30 punching machines (50-100 ton capacity), and specialized bending/milling equipment for precision fabrication.

### Quality Packaging & Shipping

We implement strict warehouse management with sectioned storage and detailed records. All products are inspected before shipment using

protective packaging methods tailored to customer requirements.

Certifications

Notable Projects

We supplied aluminum components for the 94,000-seat Soccer City Stadium in Johannesburg (Africa's largest stadium) and collaborate with Nordic trailer manufacturer Lobster Trailers. Our products are also used in school furniture systems and various industrial applications worldwide.