



## Electrophoretic Coated Industrial Aluminium Profile Trains Machinery Use

Our Product Introduction

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### Basic Information

- Place of Origin: China
- Brand Name: HT
- Certification: CA ,CE
- Model Number: KTES-087
- Minimum Order Quantity: 500pcs
- 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: 6063,6061,6005
- Material: Aluminum
- Surface Treatment: Mill Finished,Anodized ,Electrophoretic Coated,Powder Spray Coated
- Deep Process: Milling, Drilling, Bending,Cutting
- Temper: T3, T4, T5, T6
- Highlight: **aluminum extrusion profiles,**  
**aluminium extruded profiles**

## Product Description

### High Precision Industrial Aluminum Profile For Led Torch Lighting

LED Aluminum Profile Features:

- 1, User friendly: All kinds of parts for easy installation
- 2, Different size of aluminium bars, suitable for most LED strips in the market
- 3, Flexible ways to connect electricity at both sides or at the bottom of products, with perfect joint between 2 bars.
- 4, 6063 aluminium with excellent heat dissipation
- 5, Surface dealing: Oxidation vaporous silver
- 6, The appearance is simple and good-looking
- 7, 3 types of extrusion PC cover for option: Clear, frosted and opal
- 8, Standard size of 520mm and 1020mm for option and customized size being acceptable
- 9, 2 waterproof types available

Sectional Dimension

Service Environment and Installation

Pictures taken in kind

Master device	Aluminum profile	1pcs
	Lens type (alternative)	Clear lens Semi-transparent lens Milky-white lens
Accessories	End cap	2 pcs
	Clip	2 pcs
	Screw	3x10mm 2 pcs

#### Applications:

Industry Aluminum profile used in cars, trains machinery ,electronics, medical and other industrial filed . In terms of hardware, machinery, electromechanical parts, solar PV products, aluminum frames are adopt as important auxiliary materials. We also have aluminum profiles for radiators, fitness machinery, buildings, lighting instrument, windpipes, oil pipelines, for instance.

#### 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%

##### 2.Specifications:

Excellent material for smooth and subtle edges.  
Elegant appearance.  
Surface treatment: colorful anodized or electrostatic powder coated.  
Suitable for constructions and other industrial purposes.  
Customized surface finishes are welcome.

#### 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.



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