



CA CE Aluminium Tube Profiles , Industrial Aluminium Profiles Good Wear Resistance

Our Product Introduction

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

Basic Information

- Place of Origin: China
- Brand Name: HENTEC
- Certification: CA ,CE
- Minimum Order Quantity: 1 ton
- Packaging Details: EP Paper ,kraft and pallet
- Delivery Time: 20days
- Payment Terms: T/T or L/C
- Supply Ability: 100 000 ton each month



Product Specification

- Product Name: Aluminum Profile
- Alloy: 6063,6061,6005
- Surface Treatment: Fluorocarbon Powder Spray Coated /PVDF Paint, Drawbench,Steel Polished
- Material: Aluminum
- Deep Process: Milling, Drilling, Bending,Cutting
- Temper: T4, T5, T6
- Highlight: **structural aluminum extrusions, structural aluminium extrusions**

Product Description

CA CE Aluminium Tube Profiles , Industrial Aluminium Profiles Good Wear Resistance

Technical requirements

Material	6000 series Aluminium Alloy
Temperature	T4, T5, T6
Shape	Square, round, rectangular, special shape customized
Size / Thickness	Profiles thickness : 0.8 to 5.0mm Anodize film thickness : 8~20um Powder coating thickness : 60 ~ 120 um Length : ≤6000mm / customized available
Deep process	CNC, machining, drilling, milling, cutting, punching, bending, assembling
Colors	Color sheet / Customized color available
Application	- For Heat sinks for car amplifier enclosure - For Heat sinks for LED lighting, high-power LED street lighting, stage lighting, LED tunnel lighting etc - For motor shell - For LED lighting/TV frame - For hook of LED stage lighting - For industry assembly lines equipment - For other OEM design size and dimension

The surface treatment :

- 1) Mill Finished
- 2) Anodized: Silver, champagne, light bronze, dark bronze, black, light titanium, dark titanium. Usually the thickness of the film is 10 um.
- 3) Electrophoretic coated: Silver, champagne, bronze, black, light bronze, dark bronze.
- 4) Powder spray coated Normal color, special color. Thickness: 60 to 80 um.
- 5) Fluorocarbon powder spray coated /PVDF Paint: Normal color, special color.
- 6) Drawbench
- 7) Steel polished
- 8) Wood grain coated /Wooden transfer: Imported paper, domestic paper.

Applications:

We manufacture all kinds of aluminum profiles,including:

1. Aluminum profile for architecture
2. Aluminum profile for window and door
3. Aluminum profile for curtain wall
4. Aluminum profile for glass wall
5. Aluminium profile for furniture
6. Aluminum profile for closet wardrobe door
7. Aluminum profile for kitchen cabinet
8. Aluminium profile for decoration
9. Aluminium profil for industry
10. Aluminum profile for handrail
11. Aluminium profile for solar panel
12. Aluminum flat,square,round tube
13. Aluminum profile for louver/shutter
14. Aluminum window and door
15. Wood gain aluminum profile
16. Aluminum profile for LED strip,transportation rail,ten etc.
17. OEM service can be provide

Product fabrication though machining milling, drilling, cutting and welding for different size and shape; and surface treatment for anodize, powder coating, polishing, brushing etc.

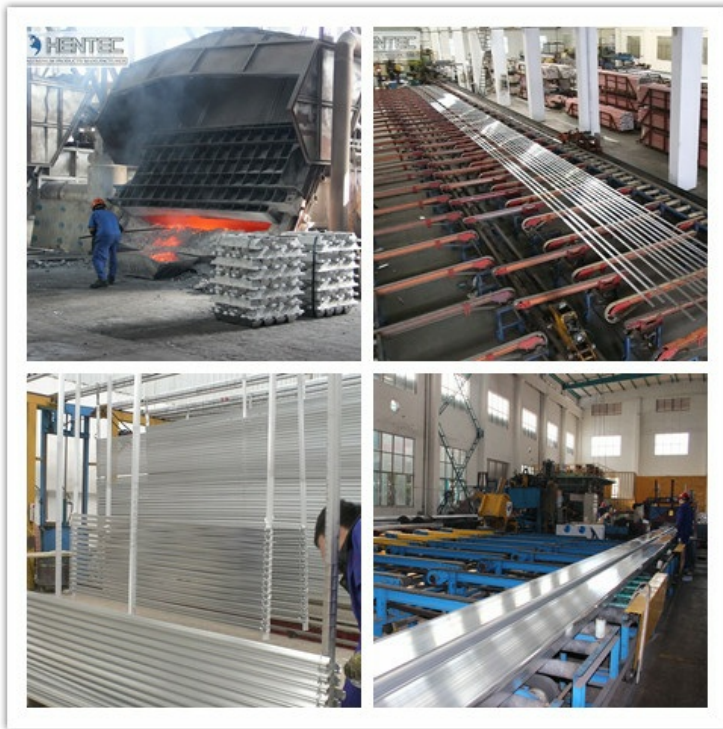
Specifications:

- 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	$\geq 160\text{Mpa}$	$\geq 110\text{Mpa}$	$\geq 8\%$
	T6	$\geq 205\text{Mpa}$	$\geq 180\text{Mpa}$	$\geq 8\%$
6061	T6	$\geq 265\text{Mpa}$	$\geq 245\text{Mpa}$	$\geq 8\%$



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