



## 6005 Anodized Aluminium Profile System / Extruded Architectural Aluminium Profiles

Our Product Introduction

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

### Basic Information

- Place of Origin: China
- Brand Name: HT
- Certification: CA ,CE ,ISO14001:2004, ISO9001:2000
- Minimum Order Quantity: 1 ton
- 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, Drawbench,Steel Polished
- Deep Process: Milling, Drilling, Bending,Cutting
- Temper: T3, T4, T5, T6
- Highlight: **aluminium extrusion frame system, custom aluminum extrusions**



## Product Description

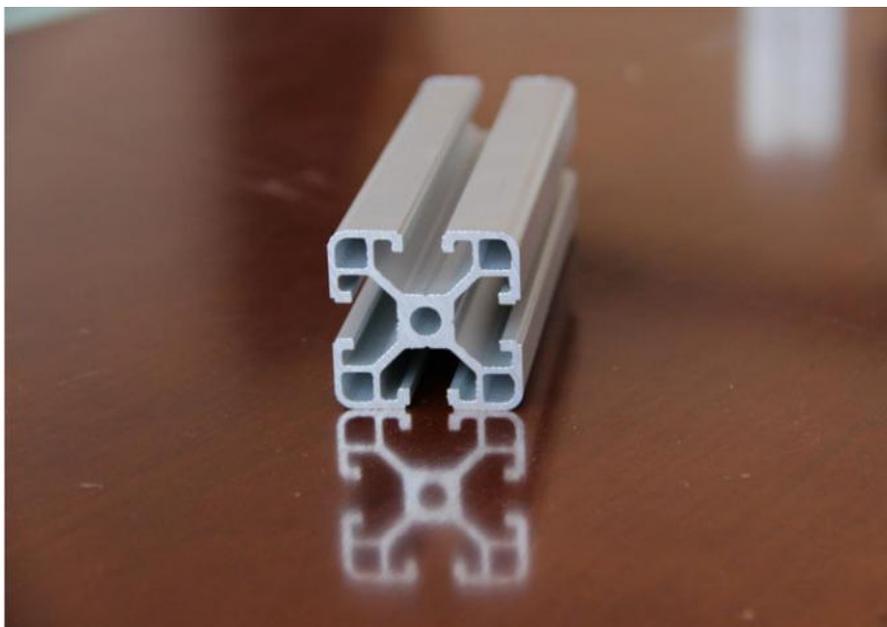
### 6005 Anodized Aluminum Assembly Line /Extruded Architectural Aluminium Profiles

Material:Aluminum  
Alloy :6063,6061,6060,6005  
Temper: T4, T5, T6,T66  
Deep process: Milling, Drilling, Bending,Cutting

#### Description:

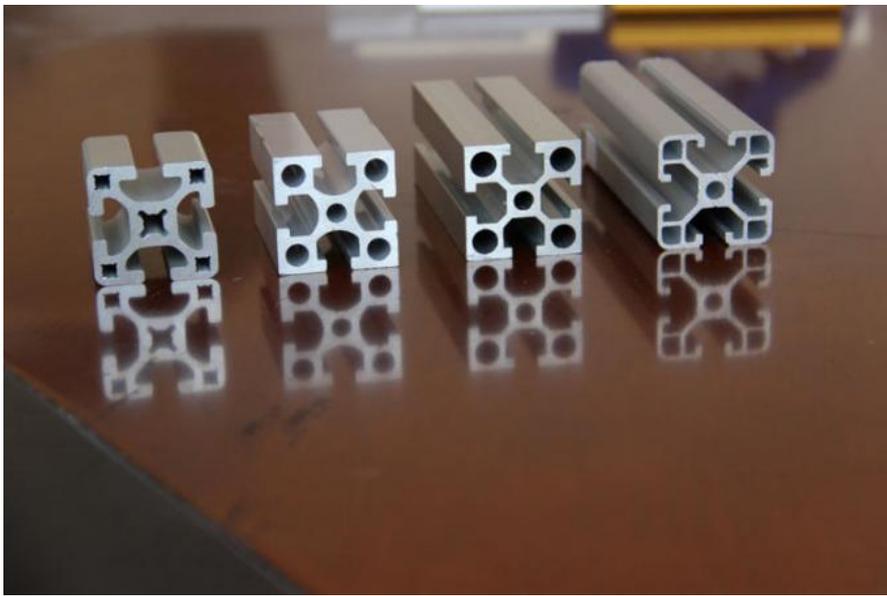
| Item         | Customized Aluminum Industrial Profile   |
|--------------|--|
| Material     | Alloy 6063, 6061,6005 or according to customer's choice  |
| Temper       | T4, T5, T6,T66   |
| Surface      | Anodize (clear, satin, bronze, black, golden, silver, other multicolor) , electrophoresis, powder coating, PVDF coating, wood grain painting, etc. |
| MOQ          | 1 ton. Usually 12 tons for a 20 feet container; 24 tons for a 40 feet container.   |
| Profile type | Industry Aluminum profile used in cars, trains machinery ,trailers ,electronics, medical and other industrial filed .                              |
| Machining    | High-precision machining 1. milling; 2. Drilling; 3. Bending; 4. Cutting ...   |
| Moulding     | 1. Using our moulds, free; 2. Using customer' s drawing, mould fee need to be paid .   |
| Standard     | Our Industrial Aluminium Profile Meet the China national standard GB/T5237-2004, GB/T6892-2000   |
| FOB Port     | Shanghai, etc.   |

- 1.Alloy :6063,6061,6005 or according to customer' s choice
- 2.Material:Aluminum
- 3.Surface Treatment: Mill Finished,Anodized ,Electrophoretic coated,Powder spray coated,Fluorocarbon powder spray coated /PVDF Paint, Drawbench,Steel polished,Wood grain coated /Wooden transfer .
- 4.Deep process: Milling, Drilling, Bending,Cutting.
- 5.Application:  
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.
- 6.Color:clear, satin, bronze, black, golden, silver, other multicolor
- 7.Temper: T4, T5, T6 ,T66



#### 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%       |

| 公司图号   | 截面图 | 线密度<br>kg/m | 公司图号   | 截面图 | 线密度<br>kg/m |
|--------|-----|-------------|--------|-----|-------------|
| HT-745 |     | 1.292       | HT-752 |     | 1.646       |
| HT-746 |     | 0.786       | HT-753 |     | 2.952       |
| HT-747 |     | 2.524       | HT-754 |     | 2.015       |
| HT-749 |     | 0.464       | HT-767 |     | 1.522       |
| HT-750 |     | 0.808       |        |     |             |
| HT-751 |     | 1.616       |        |     |             |

**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.



 **HENTEC** Hentec Industry Co.,Ltd

 +86-13861643436  [aluminum@hentec.com.cn](mailto:aluminum@hentec.com.cn)  [aluminumextrusion-profiles.com](http://aluminumextrusion-profiles.com)

Qinfeng Road No.555 Huashi Town Jiangyin Jiangsu China (mainland) 214421