



## Anti Scratch Aluminium Profile System / T Slot Extruded Aluminum 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: Hentec
- Certification: 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
- Material: Aluminum
- Surface Treatment: Fluorocarbon Powder Spray Coated /PVDF Paint, Drawbench, Steel Polished
- Deep Process: Milling, Drilling, Bending, Cutting
- Temper: T4, T5, T6
- Highlight: **modular aluminium profile system, aluminium extrusion frame system**





## Product Description

### Anti Scratch Aluminium Profile System / T Slot Aluminium Extrusion For Assembly Line

- (1).Suitable for industry,architecture,transportation and so on.
- (2).20 years warranty.
- (3).High corrosion resistance.
- (4).5-10 years weather resistance.
- (5).Good wear resistance & anti-scratch.
- (6).Size customized.

#### Description:

1. Material: 6063,6061,6060 ,etc.
2. Temper: T5 or T6
3. Finish: Mill finish, anodizing, powder coating, electrophoresis, pvdf/carbon-flouride coated, polishing, brushing, sand blasting
4. Various colors: Silver, bronze, black, gold, blue,grey, champagne, bright, etc.
5. Machining: Cutting, punching, drilling, tapping, milling, bending, welding, CNC etc.
6. Various in styles and sizes:
  - A) Aluminum alloy bars: as 6063,6005,6061,6060, special materials such as 6082etc.
  - B) Aluminum profiles:
    - General aluminum profiles (various shapes of pipes/tubes, angles, T or U shapes etc.)
    - Industrial aluminum profiles ( TV frames, Rim for bicycles and motorcycles, Heat sink profiles, Furniture, Ladder, Guide Rail, Leisure materials, Shower Room, Solar Module Frame, Motor Shell, Pipeline Integration etc.)
    - Construction aluminum profiles
7. Certification: ISO9001,SGS,ROHS,TUV
8. Strong technical development ability, can provide high intensity and high ductility aluminum profiles, to meet customers' different requirements.
9. OEM service available, customized design available



#### 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	图 样	线密度 kg/m	公司图号	图 样	线密度 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:

Our company has abundant technical power and a lot of skilled technical staffs.

Hentec's staffs have always taking "high quality, good reputation, strict management and development" as its tent to keep improving and innovating.

Our aluminum alloy profiles are all manufactured as per national GB5237-2004 standards and the company has obtained ISO-9001 quality system certificate.



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