



## Black Anodized Aluminium Profile System T Slot Aluminum Extrusion In Silver

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

### Black Anodized Aluminium Profile System T Slot Aluminium Extrusion

1. Shorting design and assembling time;
2. Controlling cost and providing more efficient working project;
3. Improving your systems and space management with our professional technical team.
4. The raw material is aluminium ingot;
5. Melting: Aluminium ingot melting through a high temperature, and then casting into aluminium bar.
6. Extruding: Open a mould according to the section design, and then press the heated aluminium bar into aluminium profiles;
7. Anodizing: Under the corresponding electrolyte and specific process conditions, aluminum and its alloys form a layer of oxide film on aluminum products (anode) under the action of applied current. The oxide film has protective, decorative and some other functional properties. We can also do many kinds of other surface treatment.
8. Quality control: Strict standards on quality control to insure your benefits.

#### Description:

1. Material: 6063, 6061, 6060, 6005, 6005A, etc.
2. Temper: T5 or T6
3. Finish: Mill finish, anodizing, powder coating, electrophoresis, pvdf/carbon-fluoride 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 6082 etc.
  - 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 field. In terms of hardware, machinery, electromechanical parts, solar PV products, aluminum frames are adopted 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
	T5	≥ 160Mpa	≥ 110Mpa	≥ 8%

6063	T6	≥ 205Mpa	≥ 180Mpa	≥ 8%
6061	T6	≥ 265Mpa	≥ 245Mpa	≥ 8%

公司图号	图 样	线密度 kg/m
HT-745		1.292
HT-746		0.786
HT-747		2.524
HT-749		0.464
HT-750		0.808
HT-751		1.616

公司图号	图 样	线密度 kg/m
HT-752		1.646
HT-753		2.952
HT-754		2.015
HT-767		1.522

#### 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.



