

Customized Assembly Line 6061 T5 Aluminium Profile System

Our Product Introduction

for more products please visit us on 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: Aluminum Profile System
- Alloy: 6063 6061
- Material: Aluminium
- Surface Treatment: Anodized , Mill Finished
- Deep Process: Cutting, Drilling
- Temper: T5, T6
- Highlight: 6061 t5 aluminium profile system,
6061 t5 aluminium extrusion system,
t5 aluminum extrusion framing systems



More Images



Product Description

Customized Aluminium Profile System / Aluminum Assembly Line Profile

- (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.

| | |
|------------------------------|--|
| Product Name | 20x40mm ,40*40mm, 80*80mm, 30*30mm ,30*90mm ..Industrial aluminium profile/ aluminum extrusion |
| Profile Material | 6063 aluminium alloy |
| Temper | T5 |
| Surface treatment | Mill finish, powder coating, anodizing, wooden grain coating,polishing, eletrophoresis, PVDF, sanding blasting, etc. |
| The option of Profile | 15/20/30/40/60/80/90/100 series etc. |
| Slot width | 6MM,8MM,10MM |
| Color | Natural silver anodised, can be customised. |
| Surface | Mill finish, Anodizing, Sand Blasting, Powder coating, etc. |
| Deep Processing | Cutting, Drilling, Treading, Bending, etc. |
| Application | Building, Industry, Machinery |
| Certification | ISO9001 |
| OEM & ODM | Acceptable |

1. Company with rich manufacturing experience

Hentec is one of the leading aluminum manufacturer in China, with 16years experience.

2. Production Management

We made complete quality management program and system, Monitor the process from product development, purchasement, production, sales and aftersale service.

3. Quality Supervision

We own complete testing equipment from raw material to finished products. We own the most powerful curtain wall testing base in China,.



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:

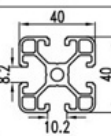
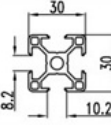
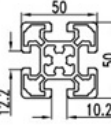
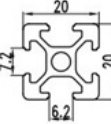
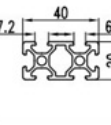
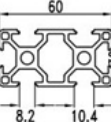
1.Primary Technical Data

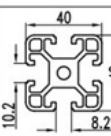
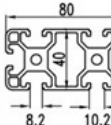
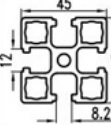
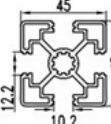
1)Chemical composition

| 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 |
|--------|---|-------------|
| 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.



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