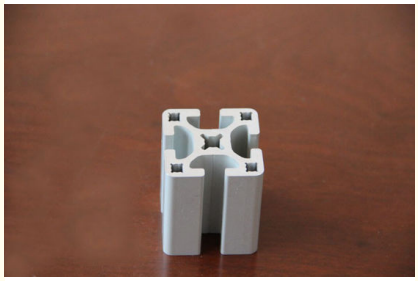
# T66 Drilling Wood Grain Coated Aluminium Profile System Assembly Line

Our Product Introduction

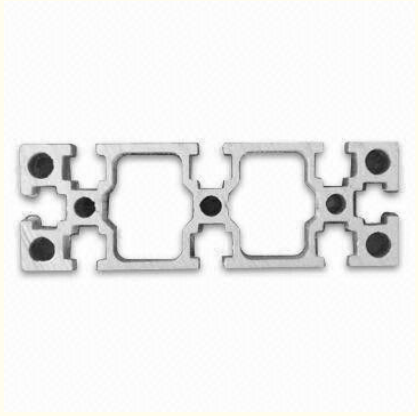
## Basic Information

- Place of Origin: China
- Brand Name: HT
- Certification: CA ,CE ,ISO14001:2004, ISO9001:2000
- Model Number: HTL002
- 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
- Suface Treatment: Mill Finished,Anodized ,Electrophoretic Coated,Powder Spray Coated Drawbench,Steel Polished
- Deep Process: Milling, Drilling, Bending,Cutting
- Temper: T3, T4, T5, T6
- Highlight: **modular aluminium profile system**, **aluminium extrusion frame system**



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Our Product Introduction

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## Product Description

**T66 Drilling Wood Grain Coated Industrial Aluminium Profile Of Assembly Line**

1.Alloy :6063,6061,6005 or according to customer' s choice
2.Material:Aluminum
3.Suface 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

**Description:**

| Item | **Customized Aluminum Industrial Profile** |
|---|---|
| Material | Alloy 6063, 6061,6005 or according to customer' s choice |
| Temper | T3, T4, T5, T6 |
| 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. |

**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:**

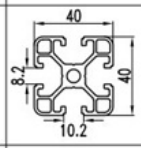
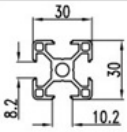
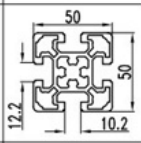
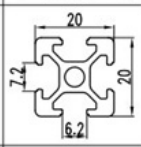
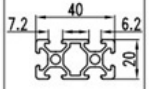
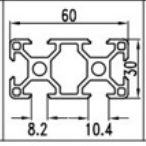
**1.Primary Technical Data**

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 | 简 图 | 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 | 简 图 | 线密度 kg/m |
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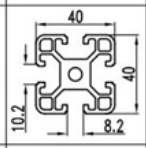
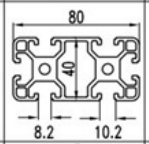
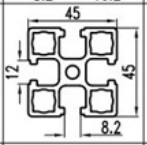
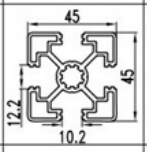
| HT-752 |  | 1.646 |
| HT-753 |  | 2.952 |
| HT-754 |  | 2.015 |
| HT-767 |  | 1.522 |
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**Competitive Advantage:**

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 Industry Co.,Ltd

+86-13861643436 aluminum@hentec.com.cn aluminumextrusion-profiles.com

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