

## Extruded Aluminium Profiles / Aluminum Thermal Break Casement Window

### Our Product Introduction

#### Basic Information

- Place of Origin: China
- Brand Name: HT
- Certification: CA ,CE
- Minimum Order Quantity: 1 ton
- Packaging Details: EP Paper ,kraft and pallet
- Delivery Time: 20days
- Payment Terms: T/T or L/C
- Supply Ability: 100 000 ton each month



#### Product Specification

- Material: Aluminum Alloy
- Temper: T5
- Alloy: 6063 / 6061 / 6060
- Surface: Powder Painted
- Standard: GB/75237-2004, Q/320281/PDWD-2008
- Highlight: **aluminum extrusion profiles,  
extruded aluminium profiles**

## Product Description

### We are the professional manufacturer for good quality competitive price

Hentec Industry Co.,Ltd focus on design, producing and manufacturing aluminium extrusion, extrude aluminum profiles, aluminium tube, aluminum window door and curtain wall profiles and PV solar module aluminum frame for solar panel with the largest extruder as 4000 tonnage. We produce more than 100, 000 tons aluminum products annually.

#### Top Quality Decorat Aluminium Window Extrusion Profiles / Aluminum Thermal Break Casement Window With Competitive Price

**Type Option:** Sliding, Casement, Fixed, Arch, Tilt & Turn, Awning, Folding, Louver, Circle and etc

**Color:** As your request

**Size:** As your request

**Frame Material:** China brand Aluminum profile with more than 1.4mm thickness for window and 2.0mm thickness for door

**Aluminum Option:** Normal aluminum profile, Thermal-Break aluminum profile

**Glass Option:** Clear glass, Laminated glass, Tinted glass, Low-E glass, Frosted glass, all tempered glass

**Single layer glass:** 4mm, 5mm, 6mm, 8mm, 10mm, 12mm and etc

**Double layer glass:** 5+9A+5mm, 5+12A+5mm, 6+12A+6mm and etc

**Triple glass:** 6+9A+6+9A+6mm and etc

**Opening Method:** Inwards or Outwards, right or left hand opening as your request

**Mosquito Screen:** Metal and Nylon material for option

**Roller shutter:** Optional

**Surface Treatment:** Powder coating, anodizing, electrophoresis coating

#### Applications

Used in casement doors and windows for living room, dinner room, bathroom, office room, meeting room, restaurant, hotel,etc.

#### 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%       |

##### 2. Specifications :

| 型号名称                       | 简图 | T<br>(mm) | 线密度<br>kg/m | 型号名称                                            | 简图 | T<br>(mm) | 线密度<br>kg/m |
|----------------------------|----|-----------|-------------|-------------------------------------------------|----|-----------|-------------|
| PC5010<br>外框               |    | 1.4       | 0.648       | PC5012DN2<br>加强中框                               |    | 2.0       | 1.733       |
|                            |    | 2.0       | 0.803       |                                                 |    |           |             |
| PC5011<br>外框               |    | 1.4       | 0.548       | PC5013N<br>横中框                                  |    | 1.4       | 1.181       |
|                            |    | 2.0       | 0.703       |                                                 |    | 2.0       | 1.432       |
| PC5011N3<br>外框<br>角码:LB729 |    | 1.4       | 0.783       | PC5013DN1<br>加强中框                               |    | 2.0       | 1.806       |
| PC5012<br>中框               |    | 1.4       | 0.912       | PC5014<br>中悬窗盖板<br>角码:PC5037                    |    | 1.4       | 1.116       |
|                            |    | 2.0       | 1.163       |                                                 |    |           |             |
| PC5012N<br>横中框             |    | 1.4       | 1.112       | PC5020<br>窗扇<br>角码:<br>1.4配PC5035<br>2.0配PC5036 |    | 1.4       | 0.806       |
|                            |    | 2.0       | 1.363       |                                                 |    | 2.0       | 1.087       |
| PC5012N1<br>加强中框           |    | 1.4       | 1.163       | PC5021<br>门扇<br>角码:LB730                        |    | 1.5       | 1.101       |
|                            |    |           |             |                                                 |    | 2.0       | 1.287       |

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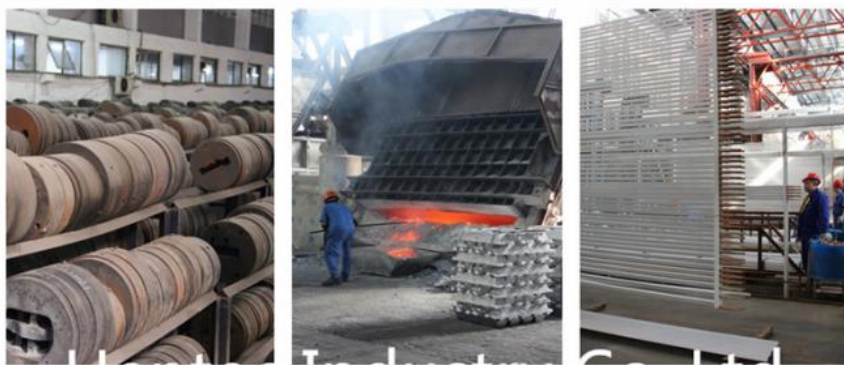
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#### Competitive Advantage:

- 1)Engineering design and support.
- 2)Aluminium 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



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