

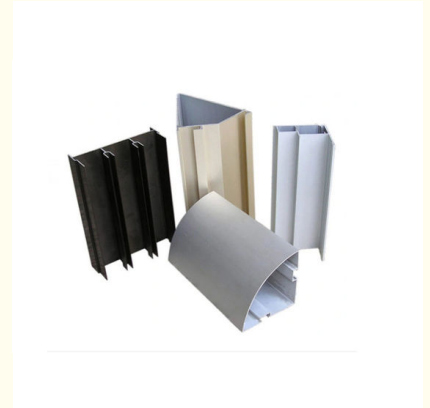
## 6005 Anodized Construction Aluminum Profile Extrusion Customized Sections

Our Product Introduction

for more products please visit us on [aluminumextrusion-profiles.com](http://aluminumextrusion-profiles.com)

### Basic Information

- Place of Origin: China
- Certification: CA ,CE
- 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 Extrusion Rectangular Tube
- Alloy: 6063,6061,6005
- Material: Aluminum
- Surface Treatment: Mill Finished,Anodized, etc
- Temper: T4, T5, T6 ,T66
- Application: Buildings,commercial,industrial
- Highlight: **6005 construction aluminum profile,  
anodized construction aluminum profile,  
6005 aluminium profile construction**



## Product Description

### Anodized Construction Aluminum Profile Extrusion Customized Sections

Color:clear, satin, bronze, black, golden, silver

Material:Aluminum

Temper: T4, T5, T6 ,T66

Color:clear, satin, bronze, black, golden, silver, other multicolor

Deep process:Milling, Drilling, Bending,Cutting

#### Applications:

Our aluminum alloy construction profiles are widely applied to curtain wall frameworks, high-grade doors and windows systems, decoration, electronics, electric appliances, machinery, automobiles, medical devices and communication equipment.

#### Description:

| Item         | Clear Anodized Aluminum Extrusion Rectangular Tube                                                                                                 |
|--------------|----------------------------------------------------------------------------------------------------------------------------------------------------|
| Material     | Alloy 6063, 6061 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    | 1. milling; 2. Drilling; 3. Bending; 4. Cutting ...                                                                                                |
| Moulding     | 1. Using our moulds, free; 2. Using customer' s drawing, opening mould fee need to be paid .                                                       |
| Certificate  | ISO14001:2004, ISO9001:2000                                                                                                                        |
| FOB Port     | Shanghai, etc.                                                                                                                                     |



#### Specifications:

##### 1. Primary Technical Data

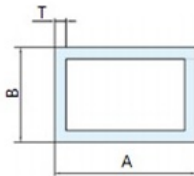
###### 1) Chemical composition

| 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 |

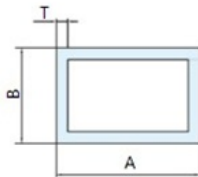
###### 2) Mechanical property

| Alloy | Temper | Tensile strength | Yield strength | Elongation |
|-------|--------|------------------|----------------|------------|
| 6063  | T5     | ≥ 160Mpa         | ≥ 110Mpa       | ≥ 8%       |
|       | T6     | ≥ 205Mpa         | ≥ 180Mpa       | ≥ 8%       |
| 6061  | T6     | ≥ 265Mpa         | ≥ 245Mpa       | ≥ 8%       |

#### 2. Specifications:



| NAME   | A(mm) | B(mm) | T(mm) | EST.WEIGHT(kg/m) |
|--------|-------|-------|-------|------------------|
| L04239 | 12    | 12    | 1.5   | 0.171            |
| L04184 | 12.7  | 12.7  | 1.65  | 0.198            |
| L04210 | 15.88 | 15.88 | 1.17  | 0.187            |
| L04111 | 16    | 6     | 1     | 0.114            |
| L0435  | 19    | 16    | 1.2   | 0.228            |
| L04144 | 19    | 19    | 1.55  | 0.317            |
| L04112 | 20    | 6     | 1     | 0.148            |
| L04240 | 20    | 12    | 1     | 0.171            |
| L0451  | 20    | 20    | 1.2   | 0.245            |
| L0417  | 20    | 20    | 1.8   | 0.355            |
| L04127 | 21    | 15    | 2     | 0.346            |
| L0431  | 22    | 16.5  | 1.2   | 0.253            |
| L0472  | 22    | 20    | 2     | 0.430            |
| L04206 | 25    | 16    | 2.1   | 0.418            |
| L0430  | 25    | 25    | 1.2   | 0.310            |
| L04141 | 25    | 25    | 2     | 0.524            |
| L0470  | 25.4  | 16    | 1.2   | 0.263            |
| L04142 | 25.4  | 25.4  | 1.55  | 0.421            |
| L04126 | 29    | 12.5  | 1.2   | 0.267            |
| L0480  | 29    | 29    | 1.2   | 0.390            |
| L04197 | 30    | 10    | 1     | 0.206            |
| L04207 | 30    | 18    | 2     | 0.475            |
| L0415  | 30    | 20    | 1.2   | 0.310            |
| L0415D | 30    | 20    | 1.5   | 0.406            |
| L0417  | 30    | 20    | 2     | 0.499            |
| L04219 | 30    | 24.5  | 2.5   | 0.668            |
| L04208 | 30    | 29    | 2     | 0.594            |
| L0461  | 30    | 30    | 1.1   | 0.345            |
| L0453  | 30    | 30    | 1.5   | 0.492            |
| L0473  | 30    | 30    | 2     | 0.635            |
| L04186 | 30    | 30    | 3     | 0.879            |
| L04200 | 32    | 23.5  | 2     | 0.556            |
| L04217 | 32    | 32    | 2     | 0.650            |
| L04155 | 33.34 | 25.4  | 1.59  | 0.503            |
| L04236 | 34    | 15    | 1.2   | 0.303            |
| L0426  | 35    | 28    | 1.5   | 0.488            |
| L04149 | 35.81 | 35.81 | 1.27  | 0.473            |
| L04220 | 36.4  | 20    | 1.2   | 0.352            |
| L04235 | 38    | 18    | 1.2   | 0.349            |
| L0411  | 38    | 25    | 1     | 0.331            |
| L0408  | 38    | 25    | 1.2   | 0.394            |



| NAME   | A(mm) | B(mm) | T(mm) | EST.WEIGHT(kg/m) |
|--------|-------|-------|-------|------------------|
| JY1306 | 60    | 34    | 1.2   | 0.596            |
| L0476  | 60    | 40    | 2.5   | 1.336            |
| L04260 | 60    | 50    | 3     | 1.685            |
| L0418  | 60    | 60    | 1.2   | 0.765            |
| L04225 | 60    | 60    | 1.4   | 0.889            |
| L04182 | 60    | 60    | 1.8   | 1.192            |
| L0418D | 60    | 60    | 2     | 1.318            |
| L0432  | 65    | 25    | 1.4   | 0.662            |
| L04139 | 65    | 40    | 1.2   | 0.701            |
| L0487  | 65    | 65    | 3     | 2.016            |
| L0444  | 70    | 8     | 1.2   | 0.531            |
| L0478  | 70    | 25    | 1.2   | 0.651            |
| L04234 | 70    | 30    | 1.0   | 0.531            |
| L04175 | 70    | 34    | 1.3   | 0.714            |
| L04101 | 70    | 50    | 1.2   | 0.796            |
| L0407  | 70    | 65    | 2     | 1.420            |
| L0483  | 72    | 72    | 1.4   | 1.148            |
| L0404  | 76    | 25    | 1.2   | 0.693            |
| L0404D | 76    | 25    | 1.4   | 0.745            |
| L0405  | 76    | 44    | 1.2   | 0.827            |
| L0405D | 76    | 44    | 1.4   | 0.889            |
| L0462  | 76    | 44    | 2     | 1.648            |
| L04196 | 76    | 76    | 1.4   | 1.132            |
| L0455  | 76    | 76    | 2     | 1.685            |
| L04124 | 76.2  | 25.4  | 3     | 1.554            |
| L04122 | 78.5  | 25    | 1.4   | 0.791            |
| L04187 | 80    | 20    | 1     | 0.532            |
| L0423  | 80    | 25    | 1.2   | 0.667            |
| L0423D | 80    | 25    | 1.5   | 0.883            |
| L0490  | 80    | 25    | 2     | 1.139            |
| L04215 | 80    | 40    | 3     | 1.854            |
| L0424  | 80    | 44    | 1.2   | 0.791            |
| L0466  | 80    | 44    | 3     | 2.039            |
| L04221 | 80    | 50    | 2.5   | 1.694            |
| L04262 | 80    | 50    | 4     | 2.635            |
| L0491  | 80    | 51    | 2     | 1.446            |
| L0477  | 80    | 60    | 2.5   | 1.900            |
| L04123 | 80    | 60    | 4     | 3.005            |
| L04185 | 80    | 60    | 4.5   | 3.196            |
| L04229 | 80    | 80    | 3     | 2.629            |
| L04227 | 80    | 80    | 5     | 4.065            |

#### Competitive Advantage:

- 1).More than 20 years production experience, and more than 10 years of export business experience
- 2).Higher R&D skills on Mould cutting, Extrusion processing, Surface treatment, Packing and Loading.
- 3).Strictly QC systems among the whole production line, we used 99.7% pure aluminum materials for processing.
- 4).24 Hours online service Patient and Professional, timely response
- 5).OEM service, personalized customization.



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

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