



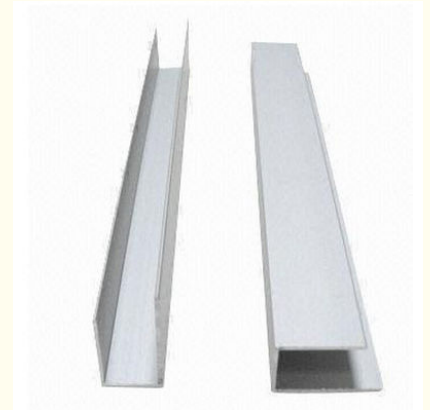
## Aluminum U Channel Extrusions Construction Aluminum Profile 6063 , 6061 , 6005

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: HT
- 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 Channel
- Alloy: 6063,6061,6005
- Material: Aluminum
- Surface Treatment: Mill Finished,Anodized etc
- Temper: T4, T5, T6 ,T66
- Application: Buildings,commercial,industrial
- Highlight: **construction aluminium profile, aluminium profile extrusion**

## Product Description

[Aluminum channel square aluminum tube.pdf](#)

### Custom Anodized Aluminum U Channel Extrusions For Electronics

1. Aluminum channel/tube
2. Anodized,powder coated,milling etc.
3. Certification ISO9001 and ISO14001
4. Dies design/OEM service

#### Description:

Item	<b>Anodized Aluminum Extrusion channel</b>
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.

#### 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

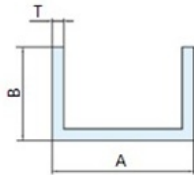
###### 1) Chemical composition

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%

##### 2. Specifications:



NAME	A(mm)	B(mm)	T(mm)	EST.WEIGHT(kg/m)
L0361	5.5	12.1	1.1	0.088
L0339	8.1	20	1.1	0.137
L0303	10	10	1	0.076
L0384	11.5	15	1.5	0.157
L0302	12	12	1	0.092
L0340	12.5	28	1	0.181
L0323	12.7	12.7	1	0.108
L0338	12.7	12.7	1.14	0.111
L0324	12.7	16	1	0.128
L0373	13	12.8	2	0.197
L0383	13.5	20	1.5	0.206
L03102	14	8	1	0.076
L0365	15	15	2	0.223
L0360	16	20	1.5	0.226
L0344	17	13	1.2	0.138
L0387	18.4	40	3	0.789
L0399	19.6	25	1.8	0.322
L0307	20	12	1	0.114
L0316	20	23	1.5	0.264
L0326	24.4	40	3	0.839
L0310	25	18	0.9	0.144
L0336	29	26	3	0.640
L0321	29.4	40	3	0.840
L03100	30	15	1.5	0.232
L0318	30	20	3	0.536
L0363	30	30.5	3	0.688
L0325	31	25	1.2	0.277
L0317	32	25	3	0.637
L0379	34	20	2	0.378
L0359	35.1	20	1.3	0.268
L0306	38	13	1.2	0.200
L0315	43	22	1	0.241
L0327	43.8	46.9	1.4	0.537
L0390	45	18	1.5	0.317
L0381	46	30	3	0.810
L0314	48	13	1	0.204
L0329	50	9.5	2	0.352
L0333	50	13	1.2	0.251
L0370	50	20	2	0.489
L0320	50	25	3	0.790
L0378	50	35	3	0.634

#### 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.

1. Alloy :6063,6061,6005 or according to customer' s choice

2. Material:Aluminum

3. Surface 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



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