

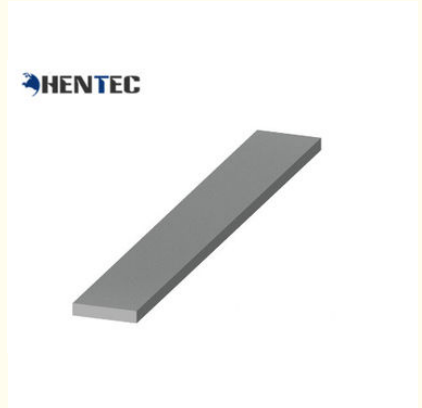
## Customised 6063 6061 Aluminum Profile Flat Bar T5 For Construction

### 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: HENTEC
- 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 000ton each month



#### Product Specification

- Product Name: Aluminum Profile
- Alloy: 6061
- Surface Treatment: Fluorocarbon Powder Spray Coated /PVDF Paint, Drawbench,Steel Polished
- Material: Aluminum
- Deep Process: Milling, Drilling, Bending,Cutting
- Temper: T6
- Highlight: **structural aluminum extrusions, aluminium structural sections**



## Product Description

### Description:

Customized Anodized 6063 Aluminum Profile Flat Bar 6063 - T5 For Construction

- (1) Product: All Kinds of Surface treatment Aluminum Construction System , 6063 - T5
- (2) Material: Alloy 6063/6061/6005/6060, T5/T6 /T66;
- (3) Finish: anodizing, powder coating, electrophoresis ,PVDF Coating .
- (4) Size: customized, same as drawings or samples, according to our catalogue
- (5) Standard: European Standard
- (6) Characteristics: strong, stylish, durable, corrosion-resistant.

Item	Powder Coating Aluminum Construction System , 6063 - T5
Alloy	6061,6060,6063,6005 etc
Temper	T4, T5, T6,T66
Surface	oxidation,Oxidation coloring,Powder coating, Anodizing(clear, satin, bronze, black, golden, silver, other multicolor), Electrophoresis,PVDF coating, Mill finish, polished, color coated,Wire drawing,Wood grain,etc
Application	Construction ; Solar roof mounting system ; Aerospace; Ship; Armarium; Industrial equipment,etc
Technology Supports	1,Engineering design 2,AutoCAD, pro/e ,UG drawing
Standard	Meet the China national standard and Europe standard and American standard.
Extrusion Tolerance	GB/T5237-2000 (Chinese Standard)
Machining Tolerance	GB/T 1804-92
Standard for Anodizing	GB5237.2-2004
Manufacturing Process	Die designing→ Die making→ Smelting& alloying→ Extruding→ Cutting→ CNC machining→ Drilling→ Tapping→ Surface treatment→ Welding→ Assembling→ Packing
Packing method	1. Standard packing: Each profile will be wrapped in the EPE sheet in order to protect the profiles' surfaces, kraft paper wrapped in bundles. 2. Special packing: wooden cases+iron trays. 3. Bundles or boxes with wooden bars 4. EPE+carton boxes. 5. Customized packing methods are welcomed. 6. 13 tons to a 20 feet container, 20 tons to a 40 feet container

### Order,payment,terms,shipment

- 1, Minimum order: 500kg per trial order 1 piece of sample free of charge provided by approval and kept for future mass production.
- 2, Sample Lead Time: 25 working days(15 days for making the tool and 10 days making the samples. Before sending the samples to customer, samples should pass strict test in our lab. )Production Lead time: it depends on customers' order quantity ( 30 working days after deposit).
- 3, Payment:L/C ,T/T

### Applications:

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%
------	----	----------	----------	------

### 3. Surface Treatment of Sections

(Class)	(μm),not diminish than		acid-resistant			abrasion re sistance
	(Min- average fil m thickness)	(Min- part film thickness)	CASS		(S)	(f, g /μm)
			(h)	Class		
AA10	10	8	16	≥9	≥50	≥300
AA15	15	12	32	≥9	≥75	≥300
AA20	20	16	56	≥9	≥100	≥300
AA25	25	20	72	≥9	≥125	≥300

#### Competitive Advantage:

1. 15 years experience in providing ONE-STOP customized aluminium extrusion and machining solution;
2. ISO: 9001: 2015, ISO: 14001: 2015, IATF16949: 2016, RoHS, SGS, Reach, D&B
3. 100% new material
4. Competitive prices with short lead-time for both tooling and parts.
6. Effective and strong technical support and excellent sales services.
7. Sufficient production capacity (22 extrusion lines; 50+ Mechanical machines; Only 65% occupied).
8. Efficient communication (48-hour quote lead time).



Tag :

**anodized aluminum flat bar**

,

**aluminium frame system**

**HENTEC** Hentec Industry Co.,Ltd

☎ +86-13861643436

✉ aluminum@hentec.com.cn

🌐 aluminumextrusion-profiles.com

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