6061 - T6 Aluminum Extrusion Bar

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 ,pallet
- Delivery Time: 20days
- Payment Terms: T/T ,L/C
- Supply Ability: 100 000ton each month

Product Specification

- Product Name: Aluminum Extrusion Bar
- Alloy: 6063,6061,6005
- Material: Aluminum
- Suface Treatment: Mill Finished,Anodized,etc
- Temper: T4, T5, T6 ,T66
- Application: Buildings,commercial,industrial
- Highlight: **construction aluminium profile**, **extruded aluminum shapes**

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Product Description

6061 - T6 Aluminum Extrusion Bar

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.Temper: T4, T5, T6 ,T66

Description:

Item	Aluminum Extrusion bar
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

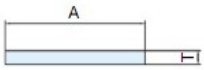
1)Chemical composition

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)	T(mm)	EST.WEIGHT(kg/m)
L0115	6	4	0.065
L0108	13	3	0.105
L0156	14	9	0.341
G478	14.5	12	0.471
G479	15	3	0.122
L0120	15.9	3.2	0.136
L0119	19	4.7	0.245
L0138	19	9.5	0.513
L0135	20	2	0.108
L0132	20	3	0.163
L0174	20	8	0.434
L0163	20.7	11.7	0.656
L0112	25	3	0.204
L0136	25.4	6.35	0.459
L0137	25.4	9.5	0.686
L0173	26	6.5	0.458
L0101	35	3	0.284
L0169	35	6	0.567
L0152	38	2	0.205
L0142	39	3	0.317
L0153	40	5	0.569
L0146	40	5.8	0.629
G659	40	6	0.629
G327	40	8	0.867
L0162	40	12	1.301
L0102	40	20	2.167
L0177	41	3	0.331
L0107	42	4	0.455
L0106	45	5	0.610
L0145	50	3	0.427
L0181	50	5	0.675
L0155	50	12	1.626
L0157	50	14	1.897
L0183	57.5	2	0.309
L0166	60	8	1.301
G542	60	10	1.626
L0113	65	3	0.529
L0161	72	6	1.166
L0151	78.75	3	0.640
G543	80	3	0.650

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.

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