

6061 T6 Aluminium I Beam Al Alloy Profile Equal Side 6m Length Customized Size

Our Product Introduction

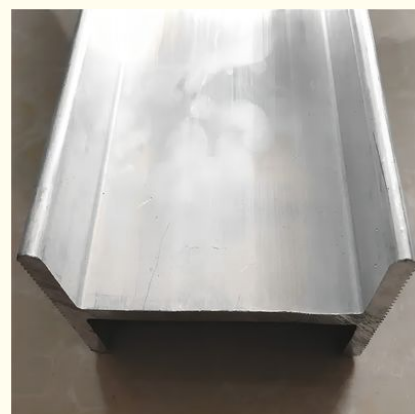
Basic Information

- Place of Origin: Jiangsu, China
- Brand Name: LIANZHONG
- Certification: ISO9001
- Model Number: 1000series, 2000series, 3000series, 5000series, 6000series, 7000series
- Minimum Order Quantity: 1ton
- Price: Negotiable
- Packaging Details: Exporting package/wooden box package etc
- Delivery Time: 3-15 days
- Payment Terms: L/C, T/T, Western Union
- Supply Ability: 20000 Ton/Tons per Month



Product Specification

- Product Name: Aluminum I Beam
- Standard: GB/T3880 ASTM B209
- Thickness: 0.6-10mm Or As Customized
- Color: Silver, Black, Red, Blue Subject To Customers Request
- Finish: Mill, polished And So On
- Application: Construction
- Highlight: **6061 T6 Aluminium I Beam, Alloy Profile Aluminium I Beam, 6m Length Aluminium I Beam**



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Product Description

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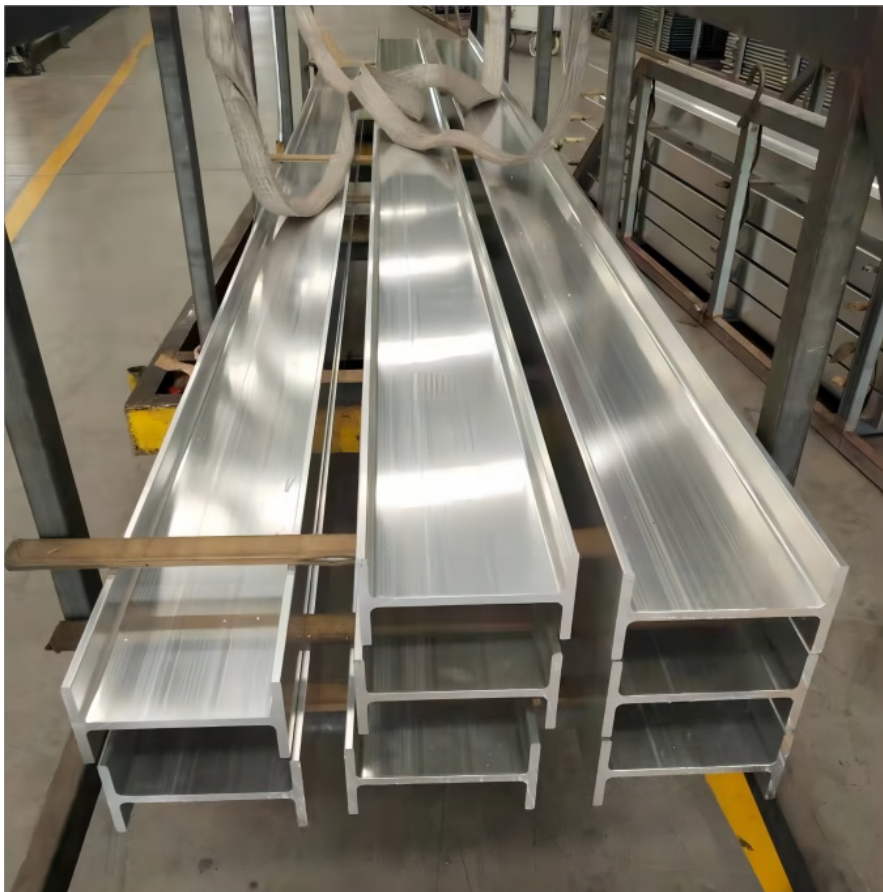
Product Description

6061-T6 extruded Aluminum American standard I beams are an excellent candidate for most processing techniques and both interior and exterior applications. Aluminum American standard I beams have a smooth finish and a tapered flange against the web meeting the specifications for AMS-QQ-A 200. Common applications include buildings, walkways, headers, and platforms. It's lightweight, corrosion resistant, and designed to span over a distance making it an excellent choice wherever strength is required.

Item	Aluminium Profiles
Standard	GB/T3190-2008,GB/T3880-2006,ASTM B209,JIS H4000-2006,etc
Grade	1000, 2000, 3000, 4000, 5000, 6000series a) 1000 Series: 1050, 1060, 1070, 1100, 1200, 1235, etc. b) 2000 Series: 2014, 2024, etc. c) 3000 Series: 3003, 3004, 3005, 3104, 3105, 3A21, etc. d) 4000 Series: 4045, 4047, 4343, etc. e) 5000 Series: 5005, 5052, 5083, 5086, 5154, 5182, 5251, 5454, 5754, 5A06, etc. f) 6000 Series: 6061, 6063, 6082, 6A02, etc.
Length	1-12m or as required
Temper	0-H112,T3-T8, T351-851
Surface	Anodizing,brush,sand blast,powder coating,polished,mill,polished,etc..
Aplication	1)Further making utensil2)Solar reflective film 3)The appearance of the building 4)Interior decorating; ceilings, walls,etc 5)Furniture cabinets 6)Elevator decoraction 7)Signs, nameplate,bags making 8)Decorated inside and outside the car 9)Household appliances:refrigerators, microwave ovens, audio equipment,etc
MOQ	1 ton , We can accept sample order.
Shipment Time	Within 7-15 workdays after receiving deposit
Export Packing	Waterproof paper, and steel strip packed. Standard Export Seaworthy Package.Suit for all kinds of transport,or as required
Container size	20ft GP:5898mm(Length)*2352mm(Width)*2393mm(High) 40ft GP:12032mm(Length)*2352mm(Width)*2393mm(High) 40ft HC:12032mm(Length)*2352mm(Width)*2393mm(High)

(H×B)	Section size		W(kg/m)	(H×B)	Section size		W(kg/m)
	T1	T2			T1	T2	
100×50	5	7	9.54	346×174	6	9	41.8
100×100	6	8	17.2	350×175	7	11	50
125×125	6.5	9	23.8	350×350	12	19	137
148×100	6	9	21.4	390×300	10	16	107
150×75	5	7	14.3	396×199	7	11	56.7
150×150	7	10	31.9	400×200	8	13	66
175×90	5	8	18.2	400×400	13	21	172
175×175	7.5	11	40.3	440×300	11	18	124
194×150	6	9	31.2	446×199	8	12	66.7
198×99	4.5	7	18.5	450×200	9	14	76.5
200×100	5.5	8	21.7	482×300	11	15	115
200×200	8	12	50.5	488×300	11	18	129
244×175	7	11	44.1	496×199	9	14	79.5
248×124	5	8	25.8	500×200	10	16	89.6
250×125	6	9	29.7	582×300	12	17	137
250×250	9	14	72.4	588×300	12	20	151
294×200	8	12	57.3	596×199	10	15	95.1
298×149	5.5	8	32.6	600×200	11	17	106
300×150	6.5	9	37.3	700×300	13	24	185
300×300	10	15	94.5	800×300	14	26	210
340×250	9	14	79.7	900×300	16	28	243

Product Details



Chemical Composition

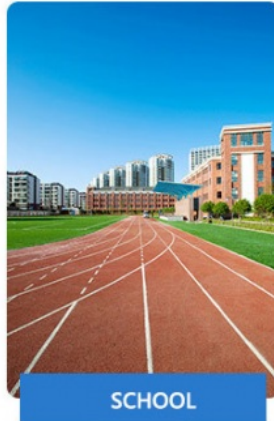
Alloy	Si	Fe	Cu	Mn	Mg	Cr	Zn	Ti	Al
1050	0.25	0.4	0.05	0.05	0.05	—	0.05	0.03	99.5
1070	0.2	0.25	0.04	0.03	0.03	—	0.04	0.03	99.7
1100	0.95 Si + Fe		0.05-0.20	0.05	—	—	0.1	—	99
2024	0.5	0.5	3.8-4.9	0.30-0.9	1.2-1.8	0.1	0.25	0.15	Rem.
3003	0.6	0.7	0.05-0.20	1.0-1.5	—	—	0.1	—	Rem.
3004	0.3	0.7	0.25	1.0-1.5	0.8-1.3	—	0.25	—	Rem.
3005	0.6	0.7	0.3	1.0-1.5	0.20-0.6	0.1	0.25	0.1	Rem.
5005	0.3	0.7	0.2	0.2	0.50-1.1	0.1	0.25	—	Rem.
5052	0.25	0.4	0.1	0.1	2.2-2.8	0.15-0.35	0.1	—	Rem.
5252	0.08	0.1	0.1	0.1	2.2-2.8	—	0.05	—	Rem.
6061	0.40-0.8	0.7	0.15-0.40	0.15	0.8-1.2	0.04-0.35	0.25	0.15	Rem.
7075	0.4	0.5	1.2-2.0	0.3	2.1-2.9	0.18-0.28	5.1-6.1	0.2	Rem.

Physical Properties

Alloy	Temper	Tensile Strength	Yield Strength	Elongation (%)		Tensile Strength	Yield Strength
		(ksi)	(ksi)	0.01-0.05 in	0.051-0.125 in	(MPa)	(MPa)
1100	H12	16	15	4	12	110.3	103.4
	H14	18	17	3	10	124.1	117.2
3003	H12	19	18	9	11	131	124.1
	H14	22	21	3	7	151.7	144.8
3004	H32	31	25	6	15	213.7	172.4
	H34	35	29	5	10	241.3	199.9
3005	H12	26	24	5	13	179.3	165.5
	H14	29	28	4	9	199.9	193.1
5005	H12	20	19	5	9	137.9	131
	H14	23	22	4	7	158.6	151.7
5052	H32	33	28	7	10	227.5	193.1
	H34	38	31	6	8	262	213.7
	O	42	22	23	24	289.6	151.7

505 6	H38	60	50	6	13	413.7	344.7
606 1	T4	35	21	22	24	241.3	144.8
	T6	45	40	12	17	310.3	275.8
707 5	O	33	15	16	18	227.5	103.4
	T6	83	73	11	12	572.3	503.3

Application



Packing and Shipment



Certification



FAQ

1. Q: Are you a manufacturer?

A: Yes, we are manufacturers. We have our own factory and our own company. I believe we will be the most suitable supplier for you.

2. Q: Can we visit your factory?

A: Sure, we welcome you to visit our factory, check our production lines and know more about our strength and quality.

3. Q: Do you have quality control system?

A: Yes, we have ISO, BV, MTC, certifications and our own quality control laboratory. Third party testing services are also available.

4. Q: Can you arrange the shipment for us?

A: Yes, we have designated sea freight and railway freight forwarders with decades of experiences and we get the best price with earliest vessel and professional service.



JIANGSU LIANZHONG METAL PRODUCTS (GROUP) CO., LTD



+8618151700330



sales02@jslzsteel.com



aluminium-sheetcoil.com

Guang Yi Columbus B Tower, Wuxi, Jiangsu, China