

Square Shape Seamless Aluminium Pipe 6061 T6 T4 Bending 80x80mm Diameter Alloy Tube

Our Product Introduction

Basic Information

- Place of Origin: Jiangsu, China
- Brand Name: CHINALCO
- Certification: ISO9001
- Model Number: 1000series, 2000series, 3000series, 5000series, 6000series, 7000series
- Minimum Order Quantity: 1 ton
- Price: Negotiable
- Packaging Details: Exporting package/wooden box package/Or per customers' requirement
- Delivery Time: 3-15 days
- Payment Terms: L/C, T/T, Western Union
- Supply Ability: 2000 Ton/Tons per Month



Product Specification

- Features: High Strength; durable; corrosion Preventive
- Product Name: Aluminum Pipe
- Material: 1050, 1060, 1070, 1100
- Color: Silver, gold Or Customized Color
- Place Of Origin: Jiangsu China
- Surface: Mill Finish, Anodize Or As Required
- Delivery Time: About 7-10 Days, depends On The Specific Order
- Packing: Standard Seaworthy Packing Or As Required
- Highlight: 80x80mm Aluminium Pipe, Seamless Aluminium Pipe, 6061 T6 Aluminium Pipe



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Product Description

Square Shape Seamless Aluminium Pipe 6061 T6 T4 Bending 80x80mm Diameter Alloy Tube

Product Description

Aluminum 6061 is one of the most widely used and versatile aluminum alloys known for its excellent combination of strength, weldability, and corrosion resistance. Composed primarily of aluminum (Al) with magnesium (Mg) and silicon (Si) as the primary alloying elements, aluminum 6061 offers a unique set of characteristics that make it highly valuable in various industrial and structural applications.

Temper States	O,T6,T4,H112
Length	1000-12000mm or as customer requirements
Outer Diameter	5-300mm or as customer requirements
Wall Thickness	0.3-50 mm or as customer requirements
Application	Aircraft and aerospace components.marine fittings,transport.bicycle frames,camera lenses,drive shafts electrical fittings and connectors,brake components.valves,couplings.
Delivery Time	15-30 days varies upon order quantity
Other aluminum tubes'product	2024,5052,5083,6061,6063.6082,7050,7075
Loading Port	Shanghai or other major ports
Surface treatment	Anodized,Mill finished,glaze,polished,brushing,power coating.
Payment	T/T 30% as deposit, 70% before delivery or 100%L/C at sight

Product Detail



Chemical Composition

Alloy	Si	Fe	Cu	Mn	Mg	Cr	Zn	Ti	Zr
Impurity	Al	2014	0.5-1.2	0.7	3.9-5.0	0.4-1.2	0.2-0.8	0.1	0.25
0.15	-	0.15	Rest	2017	0.2-0.8	0.7	3.5-4.5	0.4-1.0	0.4-0.8
0.1	0.25	0.15	-	0.15	Rest	2024	0.5	0.5	3.8-4.9
0.3-0.9	1.2-1.8	0.1	0.25	0.15	-	0.15	Rest	5052	0.25
0.4	0.1	0.1	2.2-2.8	0.15-0.35	0.1	-	-	0.15	Rest
5056	0.3	0.4	0.1	0.05-0.20	4.5-5.6	0.05-0.20	0.1	-	-
0.15	Rest	5083	0.4	0.4	0.1	0.40-1.0	4.0-4.9	0.05-0.25	0.25
0.15	-	0.15	Rest	5754	0.4	0.4	0.1	0.5	2.6-3.6
0.3	0.2	0.15	-	0.15	Rest	6061	0.4-0.8	0.70	0.15-0.40
0.15	0.8-1.2	0.04-0.35	0.25	0.15	-	0.15	Rest	6063	0.2-0.6
0.35	0.1	0.1	0.45-0.9	0.1	0.1	0.1	-	0.15	Rest
6082	0.7-1.3	0.5	0.1	0.4-1.0	0.6-1.2	0.25	0.2	0.1	-

Physical Properties

Physical Properties		Tensile Strength	Yield Strength	Elongation(%)	
Grade	Hardness	(MPa)	(MPa)	0.25-1.25mm	1.26-3.0mm

1100	O	89.6	34.5	30	6
	H12	110.3	103.4	4	12
	H14	124.1	117.2	3	10
2024	O	186.2	75.8	18	20
	T3	482.6	344.7	16	18
	T4	468.8	324.1	20	19
3003	O	110.3	41.4	30	33
	H12	131	124.1	9	11
	H14	151.7	144.8	3	7
5052	O	193.1	89.6	20	21
	H32	227.5	193.1	7	10
	H34	262	213.7	6	8
5083	O	275.8	144.8	21	25
	H32	282.7	151.7	20	21
	H34	330.9	255.1	11	14
6061	O	124.1	55.2	25	26
	T4	241.3	144.8	22	24
	T6	310.3	275.8	12	17
7075	O	227.5	103.4	16	18
	T6	572.3	503.3	11	12

Test



Handle Spectrometer

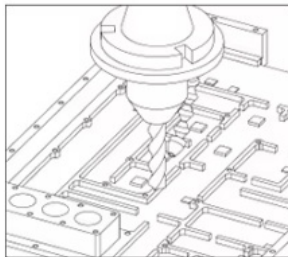


Sitting Spectrometer

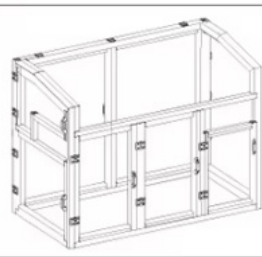


Ultrasonic testing

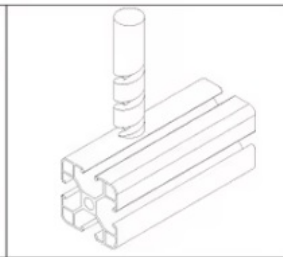
Provided Service



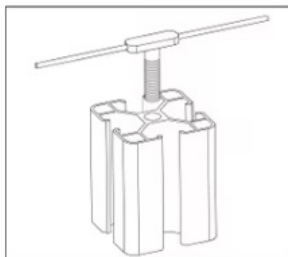
CNC Processing



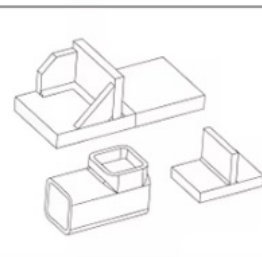
Assembling



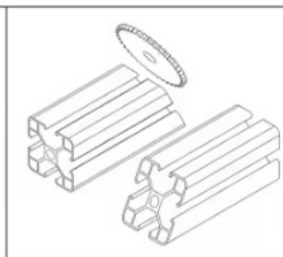
Drill Hole



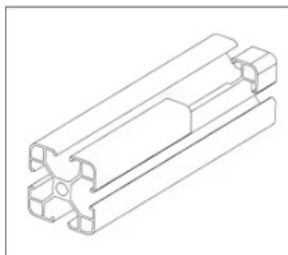
Tapping



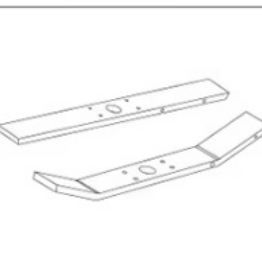
Welding



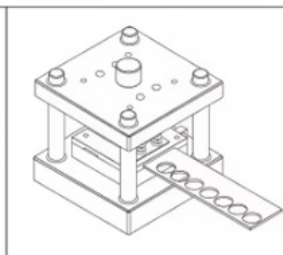
Cutting Bevel Angle



Milling Groove

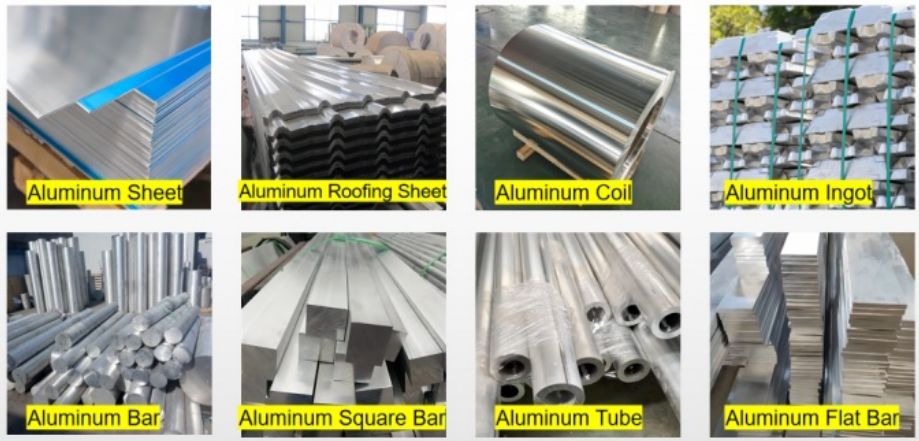


Bending



Stamping

Recommend Products



Application



Construction industry



Aerospace



Automobile industry



Packing & Shipping





The Sample Delivery



Certificate



FAQ

Q: Can I get some samples?

A: Yes, sample order is available for quality check and market test. But you have to pay the sample cost and express cost.

Q: Do you receive customized order?

A: Yes, ODM & OEM are welcomed.

Q: What's the lead time?

A: According to the order quantity, small order usually need 3-5 days, big order need negotiation.



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