

## ASTM 6082 T6 Seamless Aluminium Round Rod Alloy Bar 10mm 20mm Diameter

Our Product Introduction

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### Basic Information

- Place of Origin: Jiangsu China
- Brand Name: Chinalco
- Certification: ASTM GB EN
- Model Number: 1050 1060 2024 5052 6061 6063 6082 7075 8011
- Minimum Order Quantity: 1 TON
- Price: Negotiable
- Packaging Details: Standard Seaworthy Packing
- Delivery Time: 7-10 days, or depends on the specific quantity
- Payment Terms: T/T,L/C
- Supply Ability: 20000tons/year



### Product Specification

- Quality: We Can Accept The Third Party Inspection
- Diameter: 2mm-100mm Or As Required
- Color: Silver White, Black, Can Be Customized According To User's Requirements
- Applications: Building Construction, decoration, Chemical Industry Container
- Temper: O - H112
- Surface Treatment: Polished
- Length: 1000-11000mm Or As Required
- Shape: Round
- Highlight: **Seamless Aluminium Alloy Rod,  
6082 T6 Aluminium Alloy Rod,  
Aluminium Alloy Bar Rod 10mm**



## Product Description

### ASTM 6082 T6 Aluminium Rod Alloy Round Seamless Bar 10mm 20mm Diameter

#### Product Description

Aluminium rods bring strength and durability to any project. They are significantly lighter than metals like steel or brass, yet they offer similar levels of strength and durability. Delivery time depends on the location and the chosen shipping method. This makes them ideal for use in electrical wiring, where weight savings can add up quickly. They are often used in construction projects due to their lightweight yet durable nature. They're ideal for use in scaffolding and for reinforcing concrete structures such as bridges, walls, or other large structures.

Thickness	0.1-400mm,etc	Length	1000-11000mm,or as required
Width	2-100mm,etc	Standard	ASTM,AISI,JIS,GB, DIN,EN
Certification	ISO, SGS		
Surface finish	Mill,bright,polished,hair line,brush,sand Blast,checkered,embossed,etching,etc		
Grade	1000 Series: 1050 1060 1070 1100 etc.		
	2000 Series: 2024 2017 2A11 2A12 2A14 etc.		
	3000 Series: 3003 3A21 etc.		
	5000 Series: 5052 5083 5754 5A02 5A05 5A06 etc.		
	6000 Series: 6061 6063 6082 etc.		
	7000 Series: 7075 7050 7A04 7A09 etc.		
Temper	T3 - T8		
Payment Terms	T/T, 100% L/C at sight	Port	Shanghai
Packing	Standard export packing (inside:water proof paper,outside:steel covered with strips and pallets)		
Container size	20ft GP:5898mm(Length)x2352mm(Width)x2393mm(High)		
	40ft GP:12032mm(Length)x2352mm(Width)x2393mm(High)		
	40ft HC:12032mm(Length)x2352mm(Width)x2698mm(High)		

#### Detailed Photo



## Applications

Aluminium rods are suitable for various industries, such as aerospace, automotive, construction, decoration, electronics, marine, and many more. It is also widely used in industrial parts, transport equipment, shipbuilding, machinery, furniture, and other areas.



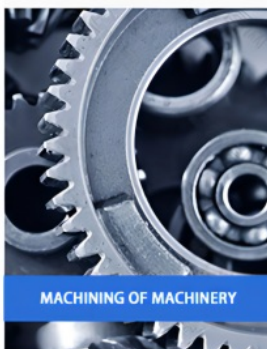
AEROSPACE AND AEROSPACE



## ARCHITECTURAL DECORATION



LOREM IPSUM



## MACHINING OF MACHINERY



## THE AUTOMOBILE INDUSTRY



## PETROCHEMICAL INDUSTRY

### Chemical Composition



GRADE	Chemical composition of deformed aluminium and aluminium alloys mass fraction%												
	Si	Fe	Cu	Mn	Mg	Cr	Ni	Zn	V	Ti	Zr	Others	
												Single	Total
1050	0.25	0.4	0.05	0.05	0.05	-	-	0.05	0.05	0.03	-	0.03	-
1060	0.25	0.35	0.05	0.03	0.03	-	-	0.05	0.05	0.03	-	0.03	-
1070	0.2	0.25	0.04	0.03	0.03	-	-	0.04	0.05	0.03	-	0.03	-
1070A	0.2	0.25	0.03	0.03	0.03	-	-	0.07	-	0.03	-	0.03	-
1100	0.95 Si+Fe		0.05-0.2	0.05	-	-	-	0.1	-	-	-	0.05	0.15
1200	1.0 Si+Fe		0.05	0.05	-	-	-	0.1	-	0.05	-	0.05	0.15
2A11/LY11	0.7	0.7	3.8-4.8	0.4-0.8	0.4-0.8	-	0.1	0.3	0.7Fe+Ni	0.15	-	0.05	0.1
2A12/LY12	0.5	0.5	3.8-4.9	0.3-0.9	1.2-1.8	-	0.1	0.3	0.5Fe+Ni	0.15	-	0.05	0.1
2024	0.5	0.5	3.8-4.9	0.3-0.9	1.2-1.8	0.1	-	0.25	-	0.15	-	0.05	0.15
2014	0.15-1.2	0.7	3.9-5.0	0.4-1.2	0.2-0.8	0.1	-	0.25	-	0.15	-	0.05	0.15
3003	0.6	0.7	0.05-0.2	1.0-1.5	-	-	-	0.1	-	-	-	0.05	0.15
3A21/LF21	0.6	0.7	0.2	1.0-1.6	0.05	-	-	0.1	-	0.15	-	0.05	0.1
5A05	0.5	0.5	0.1	0.3-0.6	4.8-5.5	-	-	0.2	-	-	-	0.05	0.1
5A06	0.4	0.4	0.1	0.5-0.8	5.8-6.8	-	-	0.2	-	0.2-0.1	-	0.05	0.1
5052	0.25	0.4	0.1	0.1	2.2-2.8	0.15-0.35	-	0.1	-	-	-	0.05	0.15
5083	0.4	0.4	0.1	0.4-1	4-4.9	0.05-0.25	-	0.25	-	0.15	-	0.05	0.15
5086	0.4	0.5	0.1	0.2-0.7	3.4-4.5	0.05-0.25	-	0.25	-	0.15	-	0.05	0.15
6005	0.6-0.9	0.35	0.1	0.1	0.4-0.6	0.1	-	0.1	-	0.1	-	0.05	0.15
6063	0.2-0.6	0.35	0.1	0.1	0.45-0.9	0.1	-	0.1	-	0.1	-	0.05	0.15
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	-	0.05	0.15
6082	0.7-1.3	0.5	0.1	0.4-1	0.6-1.2	0.25	-	0.2	-	0.1	-	0.05	0.15
7A04/LC4	0.5	0.5	1.4-2	0.2-0.6	1.8-2.8	0.1-0.25	-	5.0-7	-	0.1	-	0.05	0.10
7A09/LC9	0.5	0.5	1.2-2	0.15	2-3.0	0.16-0.3	-	5.1-6.1	-	0.1	-	0.05	0.10
7075	0.4	0.5	1.2-2	0.3	2.1-2.9	0.18-0.28	-	5.1-6.1	-	0.2	-	0.05	0.15
8011	0.5-0.9	0.6-1	0.1	0.2	0.05	0.05	-	0.1	-	0.08	-	0.05	0.15

## Packing and Shipping



## Certificates



## FAQ

Q1: What is Chinalco Aluminium Rod?

A1: Chinalco Aluminium Rod is a cylindrical product made from aluminium with a diameter greater than or equal to 6mm and a length of 1meter or more. It is usually used for aerospace, automotive, construction and other industries.

Q2: What are the model numbers of Chinalco Aluminium Rod?

A2: The model numbers of Chinalco Aluminium Rod are 1050 1060 2024 5052 6061 6063 6082 7075 8011.

Q3: Where is Chinalco Aluminium Rod manufactured?

A3: Chinalco Aluminium Rod is manufactured in Jiangsu, China.

Q4: What certifications does Chinalco Aluminium Rod have?

A4: Chinalco Aluminium Rod is certified by ASTM GB EN.

Q5: What is the minimum order quantity of Chinalco Aluminium Rod?

A5: The minimum order quantity of Chinalco Aluminium Rod is 1 TON.



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