



CYMBER



Built on metal, shaping the future of industry.





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Company Profile



Cyber is a modern enterprise based in Jiangyin City, Jiangsu Province—the core area of China's Yangtze River economic circle—specializing in the trade, processing, and supply chain services of metal materials, copper and aluminum. The company integrates R&D, production, warehousing, and sales. With strong technical capabilities, a large precision processing team, and extensive spot warehousing capacity, it is committed to providing global customers with one-stop solutions from raw materials to precision components. It has now developed into one of the most influential metal material service providers in East China.

Our Core Strengths:

Double assurance of processing capability and spot stock strength.

On one hand, the company has built a large-scale precision machining team in the industry, gathering dozens of senior technical craftsmen and precision equipment operators, equipped with multiple imported CNC machin-

ing equipment. It can undertake customized precision machining services for copper bars, copper plates, copper tubes, and special-shaped copper parts, with tolerance accuracy controlled at the 0.01mm level, meeting the stringent requirements of high-end manufacturing fields.

On the other hand, the company has independently constructed a 3,200-ton professional copper material spot warehouse, maintaining a complete range of copper materials including red copper, brass, and bronze. With comprehensive varieties and sufficient quantities in spot inventory, it completely resolves customers' pain points of "urgent orders being difficult to place and waiting due to out-of-stock situations."

Our Commitment:

Cyber has always adhered to the business philosophy of "professional processing, spot delivery, quality first." We deeply understand that in the fierce market competition, speed and quality are equally important. We not only promise to provide high-quality copper materials and precision-processed products, but also commit to delivering efficient and flexible supply chain services.

Core Business and Services »

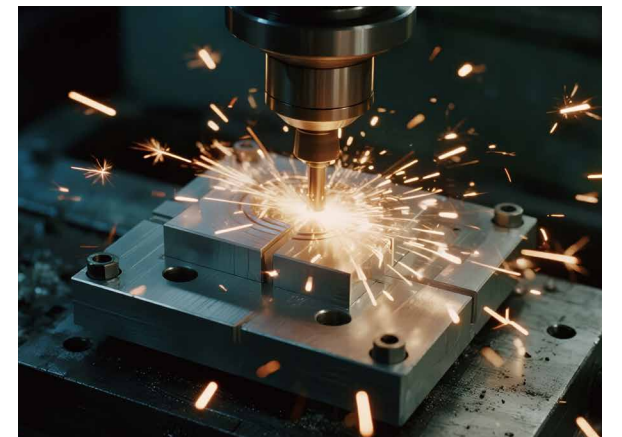


Trade in Metal Materials

The company primarily deals in various non-ferrous metals (such as copper and aluminum), with a complete range of products and diverse specifications. It has established long-term and stable strategic cooperative relationships with multiple large domestic enterprise groups, ensuring stable supply sources and reliable quality.

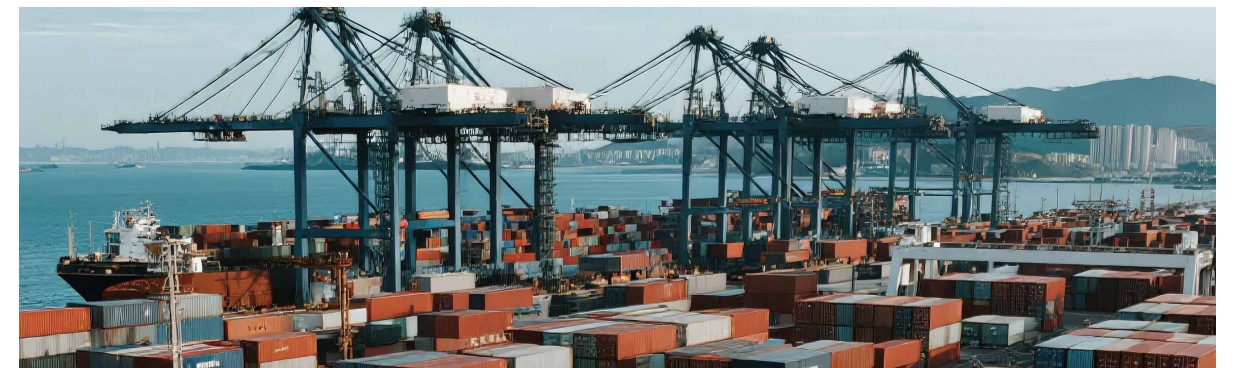
Material Processing Service

To meet customers' personalized needs, the company is equipped with advanced leveling, slitting, cutting, laser processing and other equipment, capable of providing precise leveling, slitting, cutting, laser blanking and other processing services, effectively helping customers reduce inventory, lower costs, and improve production efficiency.



Supply Chain Integration Services

The company integrates upstream and downstream resources, providing a full-process supply chain service that covers raw material procurement, inventory management, precision machining, logistics distribution, and technical support. It builds an efficient and agile supply system to create maximum value for customers.



Advantages and Features »



Advantageous geographical location

The company is located in Jiangyin, known as "China's No.1 County in Manufacturing," adjacent to the golden waterway of the Yangtze River. It is surrounded by a dense highway network, offering extremely convenient logistics and transportation. This enables rapid response to the needs of customers in the Yangtze River and across the country.



Resource channels are stable

Leveraging deep industry accumulation and close relationships with upstream copper mills, we possess advantageous procurement channels and price competitiveness, ensuring stable supply of bulk materials.



Quality Assurance System

We have established a strict quality control system. All products are provided with material certificates to ensure that every link from the source to shipment meets the standards, satisfying customers' pursuit of high-quality materials.



Technical team is professional

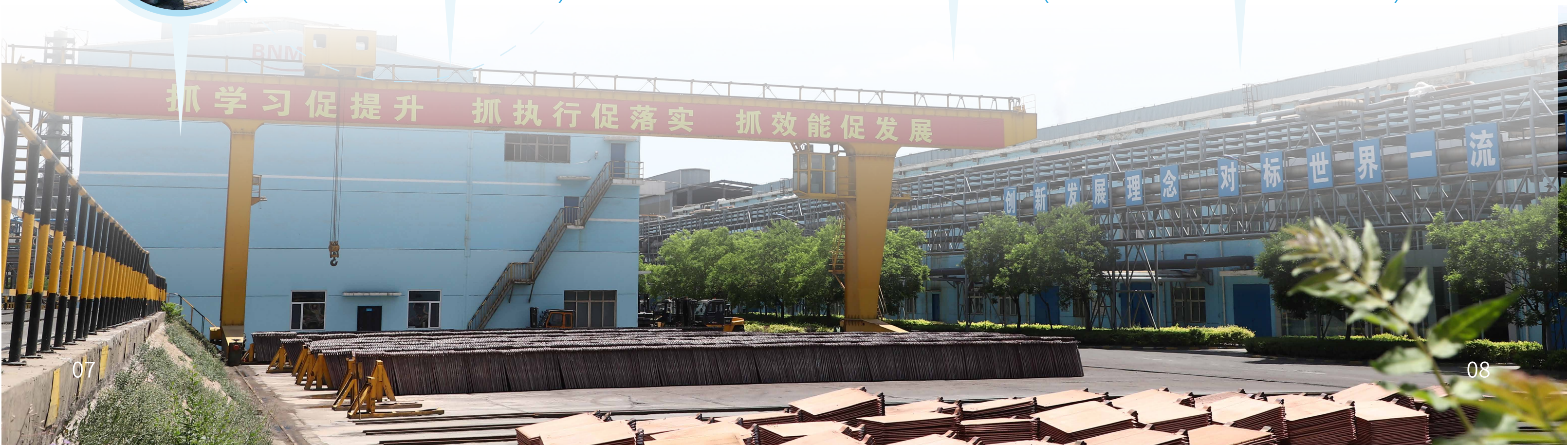
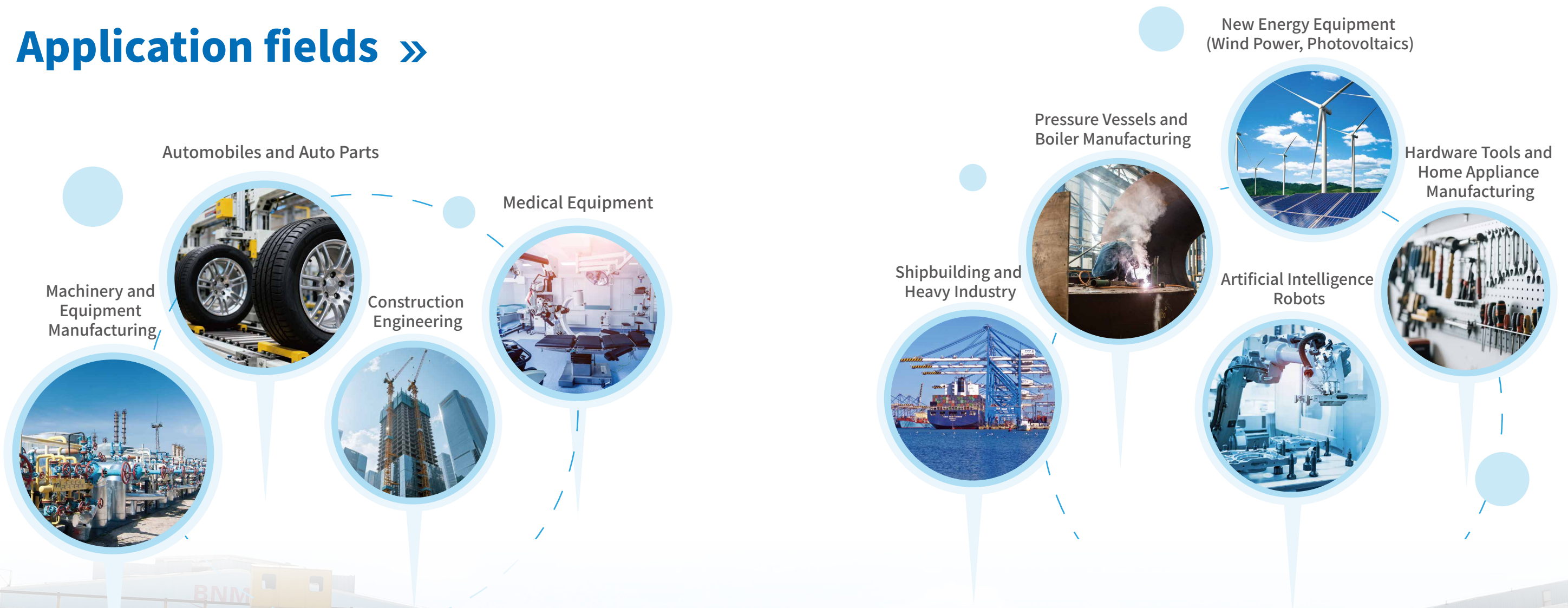
We have an experienced and highly skilled service team that can provide customers with material selection consultation, technical Q&A, and after-sales support, resolving various issues encountered in practical applications.



Customer-first philosophy

Always customer demand-centered, we provide flexible and diverse cooperation models. Whether it is large-scale engineering projects or scattered orders from small and medium-sized manufacturing enterprises, they can all receive equally efficient and professional services.

Application fields »





Bronze »

Bronze is the earliest alloy in the history of metal casting. It is an alloy made by adding tin or lead to pure copper (red copper) and holds special importance and historical significance. Compared to pure copper (red copper), bronze has higher strength and a lower melting point (for bronze smelted with 25% tin, the melting point drops to 800°C, while the melting point of pure copper (red copper) is 1083°C). Bronze has good castability, is wear-resistant, and has stable chemical properties.

Aluminum bronze rod »



Product Specifications

Name:	Aluminum bronze rod
Standard:	GB/T 2091-2020, ASTM B150/B150M-19, ASTM B148-18, AMS 4640, AMS 4634, BS EN 12165:2016, DIN EN 12164:2016 , ISO 428:1983
Material	QAl10-4-4, QAl11-6-6, QAl9-5-1-1, QAl10-5-5, QAl9-4, QAl5, QAl7, QAl10-3-1.5, QAl10-5-4 , QAl9-2 , QAl9-4-4-2, QA11-6-6, C61900, C62300, C62400, C63000, CA104, CA103, CuAl9Fe4 ,CuAl10Fe4, CuAl11Fe4 , CuAl10Ni5Fe5
Surface:	Epidermal surface
Diameter:	D7-D350mm
Length:	600-6000mm

Product Features

- Good mechanical properties
- Plasticity
- Corrosion resistance
- Easy to weld
- Good thermal conductivity

Application Field

Construction Machinery, Ships and Petrochemical, Aircraft Parts, Mechanical Gears, Offshore Engineering, Aerospace, Power and Electronics, Military Industry, Mining Machinery, Railway

Aluminum bronze tube »



Product Specifications

Name:	Aluminum bronze tube
Standard:	GB/T 2091-2020, ASTM B150/B150M-19, ASTM B148-18, AMS 4640, AMS 4634, BS EN 12165:2016, DIN EN 12164:2016 , ISO 428:1983
Material	QAl10-4-4, QAl11-6-6, QAl9-5-1-1, QAl10-5-5, QAl9-4, QAl5, QAl7, QAl10-3-1.5, QAl10-5-4 , QAl9-2 , QAl9-4-4-2, QA11-6-6, C61900, C62300, C62400, C63000, CA104, CA103, CuAl9Fe4 ,CuAl10Fe4, CuAl11Fe4 , CuAl10Ni5Fe5
Surface:	Epidermal surface
Diameter:	outer diameter:D21-200mm; D14-155mm
Length:	600-6000mm

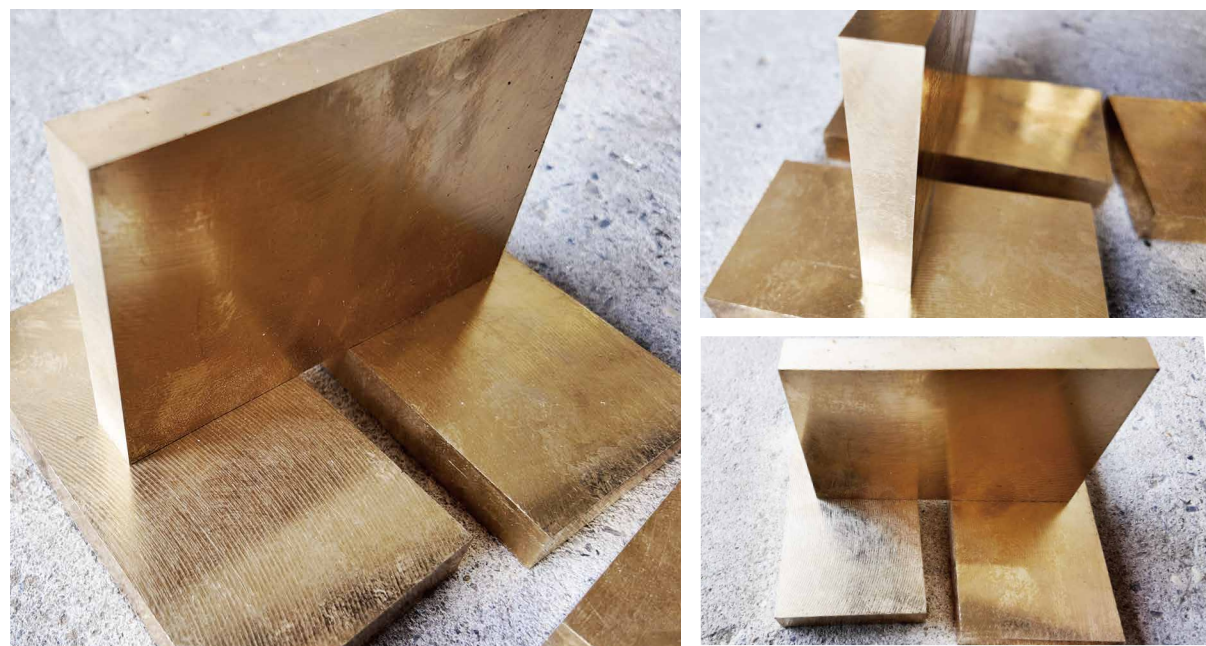
Product Features

- Good mechanical properties
- Plasticity
- Corrosion resistance
- Easy to weld
- Good thermal conductivity

Application Field

Construction Machinery, Ships and Chemicals, Aircraft Parts, Mechanical Gears, Marine Engineering, Aerospace, Power and Electronics, Military Industry, Mining Machinery, Railway

Aluminum Bronze Plate »



Product Specifications

Name:	Aluminum Bronze Plate
Standard:	GB/T 5231, ASTM B169/B169M, ASTM B150/B150M , EN 12163/12164 , JIS H5120 , GB/T 5231, DIN 17665
Material	QAl10-4-4、QAl11-6-6、QAl9-5-1-1、QAl10-5-5、QAl9-4、QAl5、QAl7、QAl10-3-1.5、QAl10-5-4 、QAl9-2 、QAl9-4-4-2、 QA11-6-6、C61900、C62300、C62400、C63000、CA104、CA103、CuAl9Fe4 、CuAl10Fe4、CuAl11Fe4 、CuAl10Ni5Fe5
Surface:	Glossy surface/Epidermal surface
Diameter:	2-80mm
Length:	As required

Product Features

- Good mechanical properties
- Plasticity
- Corrosion resistance
- Easy to weld
- Good thermal conductivity

Application Field

Construction Machinery, Ships and Chemicals, Aircraft Parts, Mechanical Gears, Marine Engineering, Aerospace, Power and Electronics, Military Industry, Mining Machinery, Railway

Large tin bronze bar »



Product Specifications

Name:	Large tin bronze bar
Standard:	GB/T 13808 , ASTM B139 ,GB/T4423 , ISO 426-2 , JIS H3250 , ASTM B505, EN 12163 , EN 1982
Material	QSn7-0.2、QSn8-0.3、QSn4-4-4、QSn1.5-0.2、QSn4-0.3、QSn4-3、QSn6.5-0.1、ZCuSn10P1、ZCuSn10Zn1、QSn6-6-3、QSn5-5-5、CuSn12、Qsn7-4-7、C51900、 C51100 、C90500 、C83600 、CW451K 、CW450K、 CuSn10、 Cupb5Sn5Zn5
Surface:	Epidermal surface
Diameter:	D5-D500mm
Length:	600-6000mm

Product Features

- Corrosion resistance
- Good mechanical properties and wear resistance
- Excellent machinability (easy to cut)

Application Field

Mechanical Manufacturing and Wear-Resistant Parts, Shipbuilding and Ocean Engineering, Chemical Industry, Electric Power and Electrical, Aerospace, Military Industry, Arts and Crafts

Large tin bronze tube »



Product Specifications

Name:	Large tin bronze tube
Standard:	GB/T 1176 , GB/T 5231, ASTM B505, ASTM B271 ,ASTM B584, EN 1982 , ISO 4383, JIS H 5121 , BS 1400 , DIN 17656
Material	QSn7-0.2、QSn8-0.3、QSn4-4-4、QSn1.5-0.2、QSn4-0.3、QSn4-3、QSn6.5-0.1、ZCuSn10P1、ZCuSN10Zn1、QSn6-6-3、QSn5-5-5 、 CuSn12 、 Qsn7-4-7、 C51900 C51100、C90500 、C83600、 CW451K、 CW450K、 CuSn10、 Cupb5Sn5Zn5
Surface:	Epidermal surface
Diameter:	outer diameter:D25-200mm; D15-140mm
Length:	600-6000mm

Product Features

- Corrosion resistance
- Good mechanical properties and wear resistance
- Excellent machinability (easy to cut)

Application Field

Mechanical Manufacturing and Wear-Resistant Parts, Shipbuilding and Ocean Engineering, Chemical Industry, Power and Electrical, Aerospace, Military Industry

Tin bronze tube »



Product Specifications

Name:	Tin bronze tube
Standard:	GB/T 1176 , GB/T 5231, ASTM B505, ASTM B271 ,ASTM B584, EN 1982 , ISO 4383, JIS H 5121 , BS 1400 , DIN 17656
Material	QSn7-0.2、QSn8-0.3、QSn4-4-4、QSn1.5-0.2、QSn4-0.3、QSn4-3、QSn6.5-0.1、ZCuSn10P1、ZCuSn10Zn1、QSn6-6-3、QSn5-5-5 、CuSn12 、Qsn7-4-7、C51900 C51100、C90500 、C83600、CW451K、CW450K、CuSn10、Cupb5Sn5Zn5
Surface:	Epidermal surface
Diameter:	outer diameter:D25-200mm； D15-140mm
Length:	600-6000mm

Product Features

- Corrosion resistance
- Good mechanical properties and wear resistance
- Excellent machinability (easy to cut)

Application Field

Mechanical Manufacturing and Wear-Resistant Parts, Shipbuilding and Ocean Engineering, Chemical Industry, Electric Power and Electrical, Aerospace, Military Industry

Tin bronze plate »



Product Specifications

Name:	Tin bronze plate
Standard:	GB/T 5231, ASTM B103/B103M, ISO 1338, EN 1982, JIS H 3270
Material	QSn7-0.2、QSn8-0.3、QSn4-4-4、QSn1.5-0.2、QSn4-0.3、QSn4-3、QSn6.5-0.1、ZCuSn10P1、ZCuSn10Zn1、QSn6-6-3、QSn5-5-5、CuSn12、Qsn7-4-7、C51900、C51100、C90500 、C83600、CW451K、CW450K、CuSn10、Cupb5Sn5Zn5
Surface:	Glossy surface/Epidermal surface
Diameter:	2-80mm
Length:	As required

Product Features

- Corrosion resistance
- Good mechanical properties and wear resistance
- Excellent machinability (easy to cut)

Application Field

Mechanical Manufacturing and Wear-Resistant Parts, Shipbuilding and Ocean Engineering, Chemical Industry, Electric Power and Electrical, Aerospace, Military Industry

Tin bronze square bar »



Product Specifications

Name:	Tin bronze square bar
Standard:	GB/T 13808, ASTM B139 ,GB/T4423 , ISO 426-2 , JIS H3250, ASTM B505, EN 12163, EN 1982
Material	QSn7-0.2、QSn8-0.3、QSn4-4-4、QSn1.5-0.2、QSn4-0.3、QSn4-3、QSn6.5-0.1、ZCuSn10P1、ZCuSN10Zn1、QSn6-6-3、QSn5-5-5、CuSn12、Qsn7-4-7、C51900、 C51100 、C90500 、C83600、CW451K、CW450K、CuSn10、Cupb5Sn5Zn5
Surface:	Epidermal surface
Diameter:	As required
Length:	600-6000mm

Product Features

- Corrosion resistance
- Good mechanical properties and wear resistance
- Excellent machinability (easy to cut)

Application Field

Machinery Manufacturing and Wear-Resistant Parts, Shipbuilding and Ocean Engineering, Chemical Industry, Power and Electrical, Aerospace, Military Industry, Crafts

Nickel Aluminum Bronze Rod »



Product Specifications

Name:	Nickel Aluminum Bronze Rod
Standard:	GB/T 5231-2012 ,GB/T 1527-2018, BS EN 12163, ISO 428, EN 12163/12164, ASTM B150/B150M ,AMS 4590, QQ-C-465
Material	C63000、CW307G、QAl10-4-4 CA104
Surface:	Glossy surface
Diameter:	As required
Length:	600-6000mm

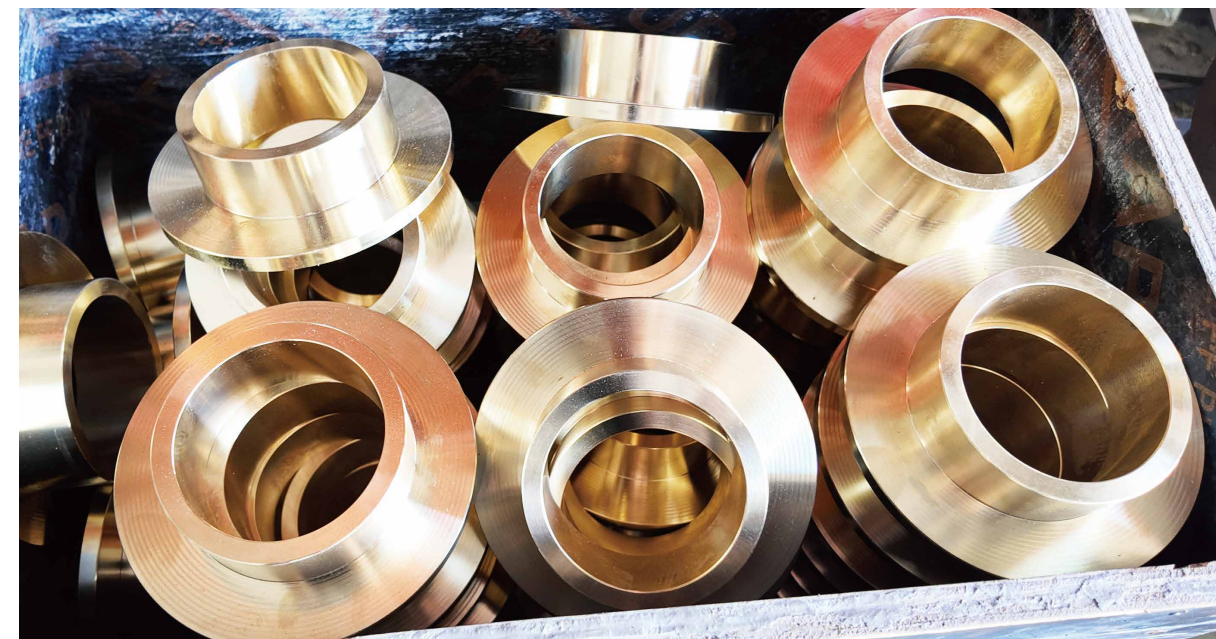
Product Features

- High strength
- Good mechanical properties and wear resistance
- Excellent cutting performance (easy machinability)
- High temperature resistance

Application Field

Offshore Engineering,Aerospace,Oil and Gas,Power Industry,Chemical Equipment,Heavy Machinery,Military Industry,Precision Instruments

Tin bronze sleeve »



Product Specifications

Name:	Tin bronze sleeve
Standard:	GB/T 13808 , ASTM B139 GB/T4423 , ISO 426-2 , JIS H3250 , ASTM B505, EN 12163 , EN 1982
Material	QSn7-0.2、QSn8-0.3、QSn4-4-4、QSn1.5-0.2、QSn4-0.3、QSn4-3、QSn6.5-0.1、ZCuSn10P1、ZCuSN10Zn1、QSn6-6-3、QSn5-5-5、CuSn12、Qsn7-4-7、C51900、C51100、C90500、C83600、CW451K、CW450K、CuSn10、Cupb5Sn5Zn5
Surface:	Shiny surface
Diameter:	As required
Length:	As required

Product Features

- Corrosion resistance
- Good mechanical properties and wear resistance
- Excellent machinability (easy to cut)

Application Field

Mechanical Manufacturing and Wear-Resistant Parts, Shipbuilding and Ocean Engineering, Chemical Industry, Electric Power and Electrical, Aerospace, Military Industry, Arts and Crafts

Mechanical properties

Model number	Status	Tensile test			Hardness test		
		Thickness /mm	Tensile strength R. / (N/mm ²)	Elongation after fracture A ₁ 1.3/%	Thickness / mm	Vickers hardness HV	Rockwell hardness HRB
T2、T3 TP1、TP2 TU1、TU2	R	4~14	≥195	≥30	—	—	—
	M	0.3~10	≥205	≥30	≥0.3	≤70	—
	Y ₁		215~275	≥25		60~90	—
	Y ₂		245~345	≥8		80~110	—
	Y		295~380	—		90~120	—
	T		≥350	—		≥110	—
H96	M	0.3~10	≥215	≥30	—	—	—
	Y		≥320	≥3			
H90	M	0.3~10	≥245	≥35	—	—	—
	Y ₂		330~440	≥5			
	Y		≥390	≥3			
H85	M	0.3~10	≥260	≥35	≥0.3	≤85	—
	Y ₂		305~380	≥15		80~115	
	Y		≥350	≥3		≥105	
H80	M	0.3~10	≥265	≥50			
	Y		≥390	≥3			
H70、H68	R	4~14	≥290	≥40	—	—	—
H70 H68 H65	M	0.3~10	≥290	≥40	≥0.3	≤90	—
	Y ₁		325~410	≥35		85~115	—
	Y ₂		355~440	≥25		100~130	—
	Y		410~540	≥10		120~160	—
	T		520~620	≥3		150~190	—
H65	TY		≥570	—		≥180	—
H63 H62	R	4~14	≥290	≥30	—	—	—
	M	0.3~10	≥290	≥35	≥0.3	≤95	—
	Y ₂		350~470	≥20		90~130	—
	Y		410~630	≥10		125~165	—
	T		≥585	≥2.5		≥155	—

Model number	Status	Tensile test			Hardness test		
		Thickness /mm	Tensile strength R. / (N/mm ²)	Elongation after fracture A ₁ 1.3/%	Thickness / mm	Vickers hardness HV	Rockwell hardness HRB
H59	R	4~14	≥290	≥25	—	—	—
	M	0.3~10	≥290	≥10	≥0.3	—	—
	Y		≥410	≥5		≥130	—
HPb59-1	R	4~14	≥370	≥18	—	—	—
	M	0.3~10	≥340	≥25	—	—	—
	Y ₂		390~490	≥12			
	Y		≥440	≥5			
HPb60-2	Y	—	—	—	0.5~2.5	165~190	
					2.6~10	—	75~92
	T	—	—	—	0.5~1.0	≥180	—
HMn58-2	M	0.3~10	≥380	≥30	—	—	—
	Y ₂		440~610	≥25			
	Y		≥585	≥3			
HSn62-1	R	4~14	≥340	≥20		—	—
	M	0.3~10	≥295	≥35	—	—	—
	Y ₂		350~400	≥15			
	Y		≥390	≥5			
HMn57-3-1	R	4~8	≥440	≥10	—	—	—
HMn55-3-1	R	4~15	≥490	≥15	—	—	—
HA160-1-1	R	4~15	≥440	≥15	—	—	
HA167-2.5	R	4~15	≥390	≥15	—	—	—
HA166-6-3-2	R	4~8	≥685	≥3	—	—	—
HNi65-5	R	4~15	≥290	≥35	—	—	—
QA15	M	0.4~12	≥275	≥33	—	—	—
	Y		≥585	≥2.5			
QA17	Y ₂	0.4~12	585~740	≥10	—	—	—
	Y		≥635	≥5			
QA19-2	M	0.4~12	≥440	≥18	—	—	—
	Y		≥585	≥5			
QA19-4	Y	0.4~12	≥585	—	—	—	—
QSn6.5-0.1	R	9~14	≥290	≥38	≥0.2	—	—
	M	0.2~12	≥315	≥40		≤120	—
	Y ₄	0.2~12	390~510	≥35		110~155	—
	Y ₂	0.2~12	490~610	≥8		150~190	—



Model number	Status	Tensile test			Hardness test		
		Thickness / mm	Tensile strength R. / (N/mm ²)	Elongation after fracture A ₁ l. 3/%	Thickness / mm	Vickers hardness HV	Rockwell hardness HRB
QSn6.5-0.1	Y	0.2~3	590~690	≥5	≥0.2	180~230	—
		>3~12	540~690	≥5		180~230	
	T	0.2~5	635~720	≥1		200~240	—
	TY		≥690	—		≥210	—
QSn6.5-0.4	M	0.2~12	≥295	≥40	—	—	—
QSn7-0.2	Y		540~690	≥8			
	T		≥665	≥2			
QSn4-3	M	0.2~12	≥290	≥40	—	—	—
QSn4-0.3	Y		540~690	≥3			
	T		≥635	≥2			
QSn8-0.3	M	0.2~5	≥345	≥40	≥0.2	≤120	—
	Y		390~510			100~160	—
	Y ₂		490~610			150~205	—
	Y		590~705			180~235	—
	T		≥685			≥210	—
QCd1	Y	0.5~10	≥390	—	—	—	—
QCr0.5	Y	—	—	—	0.5~15	≥110	
QCr0.5-0.2-0.1							
QMn1.5	M	0.5~5	≥205	≥30	—	—	—
QMn5	M	0.5~5	≥290	≥30	—	—	—
	Y		≥440	≥3			
QSi3-1	M	0.5~10	≥340	≥40	—	—	—
	Y		585~735	≥3			
	T		≥685	≥1			
QSn4-4-2.5	M	0.8~5	≥290	≥35	≥0.8	—	—
QSn4-4-4	Y ₃		390~490	≥10			65~85
	Y ₂		420~510	≥9			70~90
	Y	0.5~10	≥510	≥5	—	—	—
	M		≥340	≥35			—
	Y ₂		440~570	≥5			
	Y		540~690	≥1.5			
BZn15-20	T		≥640	≥1			
BZn18-17	M	0.5~5	≥375	≥20	≥0.5	—	—
	Y ₂		440~570	≥5		120~180	
	Y		≥540	≥3		≥150	

Model number	Status	Tensile test			Hardness test		
		Thickness / mm	Tensile strength R. / (N/mm ²)	Elongation after fracture A ₁ l. 3/%	Thickness / mm	Vickers hardness HV	Rockwell hardness HRB
B5	R	7~14	≥215	≥20	—	—	—
	M Y	0.5~10	≥215	≥30	—	—	—
			≥370	≥10			
B19	R	7~14	≥295	≥20	—	—	—
	M Y	0.5~10	≥290	≥25	—	—	—
			≥390	≥3			
BFe10-1-1	R	7~14	≥275	≥20	—	—	—
	M Y	0.5~10	≥275	≥28	—	—	—
			≥370	≥3			
BFe30-1-1	R	7~14	≥345	≥15	—	—	—
	M Y	0.5~10	≥370	≥20	—	—	—
			≥530	≥3			
BA1 6-1.5	Y	0.5~12	≥535	≥3	—	—	—
BA1 13-3	CYS		≥635	≥5	—	—	—
BMn40-1.5	M Y	0.5~10	390~590 ≥590	actual measurement actual measurement	—	—	—
BMn3-12	M	0.5~10	≥350	≥25	—	—	—
Note: For plates with thickness outside the specified range, the properties shall be agreed upon between the supplier and the buyer.							

Development Vision »

Looking to the future, Cymber will continue to deeply cultivate the field of metal materials, continuously expanding its product lines and enhancing its processing capabilities and service levels. The company aspires to become a trusted, core-competitive benchmark enterprise in comprehensive metal material services, joining hands with partners to advance together and create brilliance.