

热交换器（冷凝器）用铜合金管

Copper Alloy Conde Tube,Heat Exchanger Tube



产品用途

发动机冷却器，电厂凝汽器，船用热交换器，压缩机冷却器，石化炼油厂冷却器，电机冷却器，海水淡化蒸发器，空调冷却系统等领域。

Application

Engine cooler, power plant condenser, marine heat exchanger, compressor cooler, petrochemical refinery cooler, motor cooler, seawater desalination evaporator, air conditioning cooling system and other fields.

产品特性

导热、导电性能好，耐磨，塑性、冷弯性强，易焊接和加工，对海水耐腐蚀性强。

Good characteristics

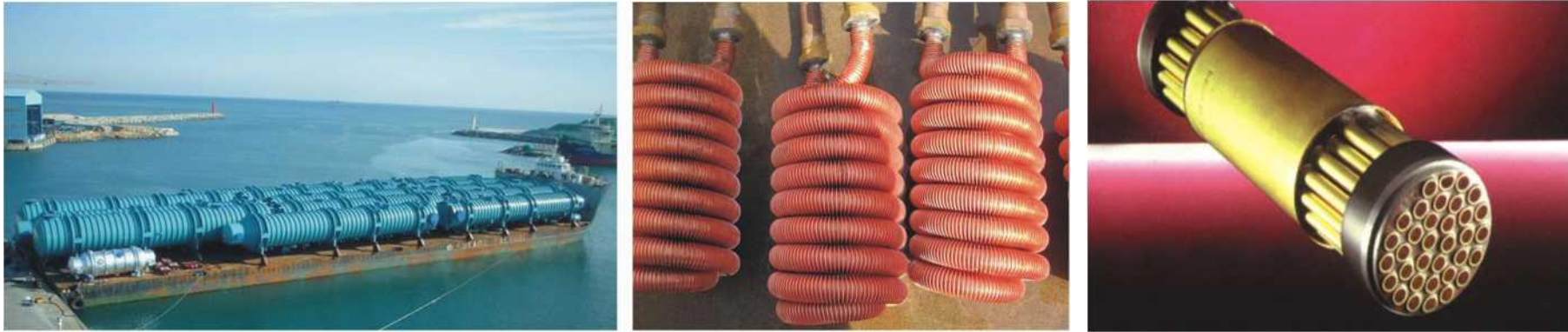
Thermal conductivity, good conductivity, wear resistance, plasticity, good cold bending property, easy to welding and machining, the seawater corrosion resistance is strong.

牌号及对照表 Grade and control table

材料名称 Material	国标 GB	美国 ASTM	英国 BS	德国 DIN	欧盟 Eu	日本 JIS
铜镍合金 Copper Nickel	BFeI0-1-1	C70600	CN 102	CuNiI0FeIMn	CuNiI0FeIMn	
		C70610	CN 102	CuNiI0FeIMn	CuNiI0FeIMn	
	BFe30-I-I	C71500		CuNi30Fe		C7150
			CN107	CuNi30MnI Fe	CuNi30MnI Fe	
铝黄铜 aluminum brass	HAI77-2	C68700	CZ110	CuZn20Al2	CuZn20Al2As	C6870
海军黄铜 Admiraltybrass	HSn70-I	C41100				
		C44300	CZ111	CuZn28SnI	CuZn28SnI As	C4430
		C44500				
紫铜 Copper	T2	CI 1000	C102	E-Cu58	Cu-ETP	CI 100
	TpI	CI 2000		SW-Cu	Cu-DLP	C1201
	Tp2	CI 2200	C106		Cu-DHP	CI 220

可以按用户指定的生产标准生产，如国标GB/T8890、美标ASMESB-111、美标ASTMBIlk英标BS278R 欧标EN12451、德标DIN1785、日标JIS及其他特殊标准等。
Supply material according to customer is designatal standard Such as GB GB/T8890, American Standard -111, American Standard ASTMB111, Britain standard BS2781, European standard EN12451, DIN 1 785, JIS and other special standard and so on.

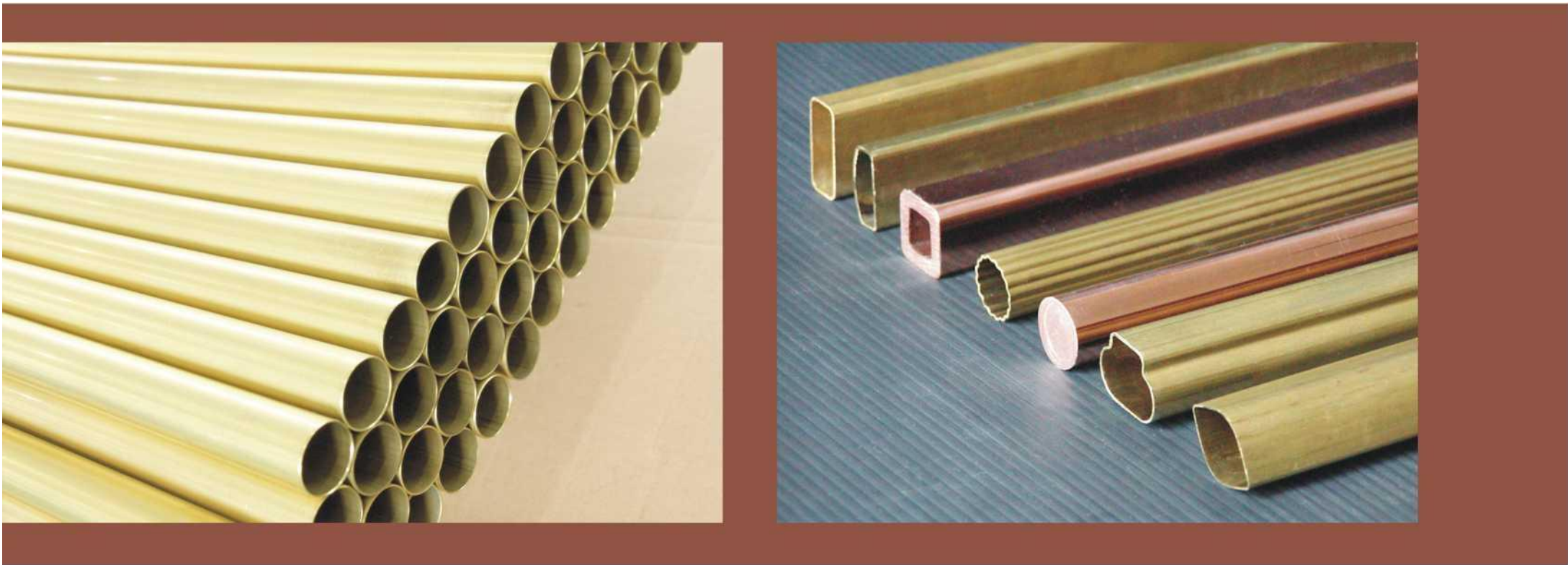
应用不例Application example



EZ GROUP



卫浴水暖铜合金管
Sanitary plumbing copper alloy pipe



产品用途
各式水龙头，毛巾架，
衣架，卫浴用品支承架；
水管接头或弯头，卫浴
产品连接件；硬水管，
软水管等领域。

Application
Various faucet, towel
rack, hanger, sanitary
ware supporting frame;
pipe joints or elbow,
sanitary products
connector; hard water
soft water pipe field.

产品特性
对杀灭大肠杆菌有明显的作
用，增长水中的铜含量，有
益健康。铜管使用寿命长
（大于50年），强度、韧
性、抗压、抗碰、防水性好；
耐蚀、抑菌、抗渗透、耐氧化，
电镀性好，且节能环保
（可100%回收利用）。

Good characteristics
It has a significant effect on killing Escherichia coli,
increasing the copper content in the water, and it is good for
health. Brass long life (more than 50 years), strength,
toughness, compression, collision-resistant, waterproof;
anti-corrosion, anti-microbial, high slag penetration
resistance, oxidation resistance, excellent electroplate, and
energy saving and environmental protection (100%
recycling).

牌号及对照表 **Grade and control table**

材料名称 Material	国标 GB	美国 ASTM	英国 BS	德国 DIN	欧盟 Eu	日本 JIS
普通黄铜管 Brasstube	H70	C26000	CZ 106	CuZn30	CuZn30	C2600
	H70A	C26130	CZ 126		CuZn30As	
	H68	C26200		CuZn33	CuZn33	
		C26800				C2680
	H65	C27000	CZ107	CuZn36	CuZn36	C2700
	H63	C27200	CZ108	CuZn37	CuZn37	C2720
		C27400				
H62	C28000	CZ109	CuZn40	CuZn40	C2800	
铅黄铜管 Leaded brass	HPb89-2	C31400				
	HPb63-0.1	C33500		CuZn37Pb0.5	CuZn37Pb0.5	C3350
		C34500				

可以按用户指定的生产标准生产，如国标GB/T8890、美标ASMESB-111、美标ASTMB11k英标BS2781、欧标EN12451、德标DIN1785、日标JIS及其他特殊标准等。
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应用不例Application example



石油行业用铜合金管
Copper alloy tubes for petroleum industry



产品用途
油井泵管，石油抽油 泵，
石油传输管道，各 种发
动机油路，加油站 油管、
油枪等领域。

Application
Oil pump, oil pump, oil
transmission pipeline,
engine oil, oil, oil field
gas station.

产品特性
硬度高，致密性强，抗压
性、而寸腐蚀性、而寸磨性强。

Good characteristics
High hardness, certain
intensity,compression strength,corrosion
resistance,strong wear resistance.

牌号及对照表 **Grade and control table**

材料名称 Material	国标 GB	美国 ASTM	英国 BS	德国 DIN	欧盟 Eu	日本 JIS
锡黄铜 Tinbrass	HSn62-I	C46200	CZ112			C4620
		C46420				C4642
铝黄铜 Aluminumbrass	HAl66-6-3-2	C67000				
海军黄铜 Admiraltybrass	HSn70-I	C44300	CZ 111	CuZn28Sn	CuZn28SnI As	C4430

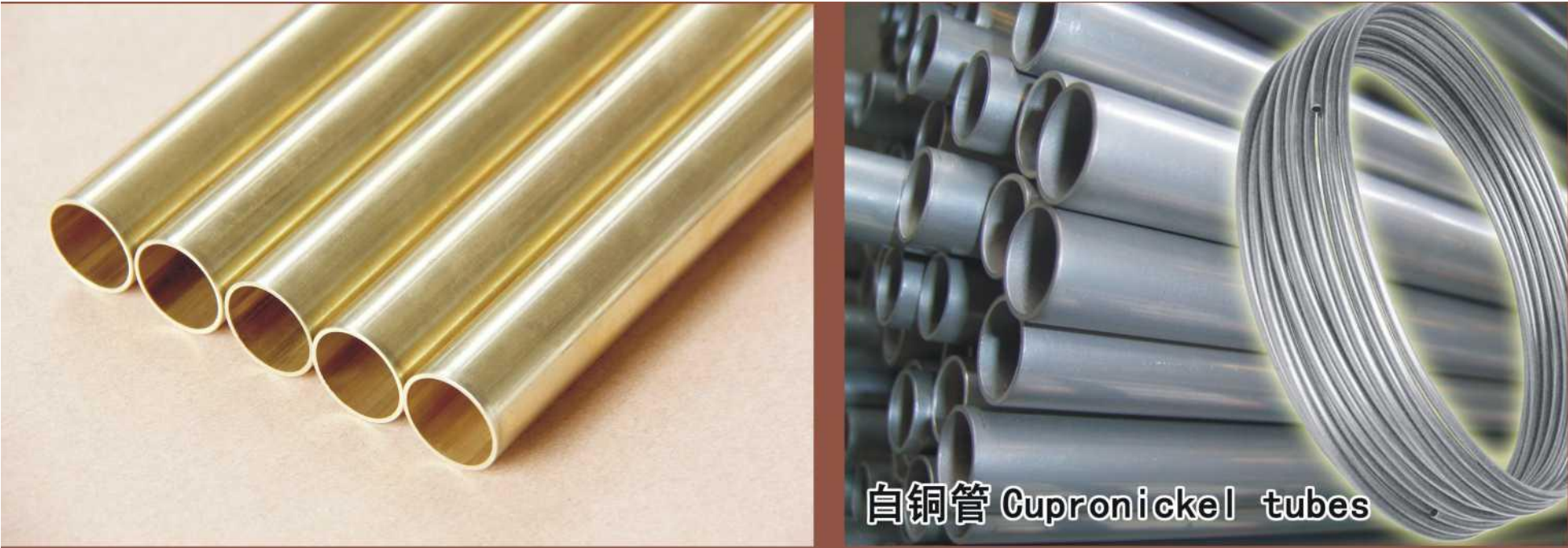
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ASTMB11R 英标BS2781、欧标EN12451、德标DIN1785、日标JIS及其他特殊标准等。
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European standard EN 12451, DIN 1 785, JIS and other special standard and so on.



应用不例Application example



铜合金管道产品及应用
Copper alloy piping products and Applications



产品用途 Application
造船，海洋工程，海洋 Shipbuilding, marine 网箱养
鱼，建筑工程等 engineering, marine 领域。
cage culture,
construction and other
fields.

产品特性
加工性好，耐腐蚀，适应与
海水接触的环境；机械性能
好，抗弯、抗压，电镀效果
好，适应建筑工程领域的各
种需求。
Good characteristics
machinability, corrosion resistanle,adapt to
contact with sea water environment; good
mechanical properties, bending,
compression strength, excellent electroplate
apply for varions demand in architectural
engineering field, adapt to the various needs
in the field of construction engineering Ling.

牌号及对照表 Grade and control table

材料名称 Material	国标 GB	美国 ASTM	英国 BS	德国 DIN	欧盟 Eu	日本 JIS
普通黄铜管 Brasstube	H96	C21000	CZ125	CuZn5	CuZn5	C2100
	H90	C22000	CZ101	CuZn10	CuZn10	C2200
	H85	C23000	CZ102	CuZn15	CuZn15	C2300
	H80	C24000	CZ103	CuZn20	CuZn20	C2400
铝青铜 Aluminumbronze	Qal5	C60600	CA101	CuAl5	CuAl5	
		C60800				
	Qal7	C61000	CA1 02	CuAl8	CuAl8	
白铜 Cupronickel	B19	C71000	CN104	CuNi20Fe		C7100
		C70600		CuNi10Fe		C7060
	BZn15-20	C75400	NS 105	CuNi18Zn20	CuNi18Zn20	C7521
		C75700		CuNi12Zn24	CuNi12Zn24	

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EN12451, DIN 1 785, JIS and other special standard and so on.

应用不例Application example



盘管系列铜及铜合金管

Copper and copper alloy tube



产品用途
主要应用于精密仪表的油路，各种机车的输油管，电子产品等领域。

Application
Mainly used in precision instrument oil circuit, all kinds of locomotive pipeline, electronic products and other fields.

产品特性
具有长度长、韧性好、方便运输等特点。

Good characteristics
With long length, good toughness, convenient transportation and so on

牌号及对照表 **Grade and control table**

材料名称 Material	国标 GB	美国 ASTM	英国 BS	德国 DIN	欧盟 Eu	日本 JIS
普通黄铜管 Brasstube	H70	C26000	CZ 106	CuZn30	CuZn30	C2600
	H70A	C26130	CZ 126		CuZn30As	
	H68	C26200		CuZn33	CuZn33	
		C26800				C2680
	H65	C27000	CZ 107	CuZn36	CuZn36	C2700
	H63	C27200	CZ 108	CuZn37	CuZn37	C2720
		C27400				
H62	C28000	CZ 109	CuZn40	CuZn40	C2800	
铝黄铜 aluminum brass	HAl77-2	C68700	CZ NO	CuZn20Al2	CuZn20Al2As	C6870
锡青铜管 Tinbronzetube	Qsn6.5-0.1	C51900		CuSn6		
	CuSn8					
铜镍合金 Copper Nickel	BFelO-1-1	C70600	CN 102	CuNi0Fe1Mn	CuNi0Fe1Mn	
		C70610	CN 102	CuNi0Fe1Mn	CuNi0Fe1Mn	
	BFe30-I-I	C71500		CuNi30Fe		C7150

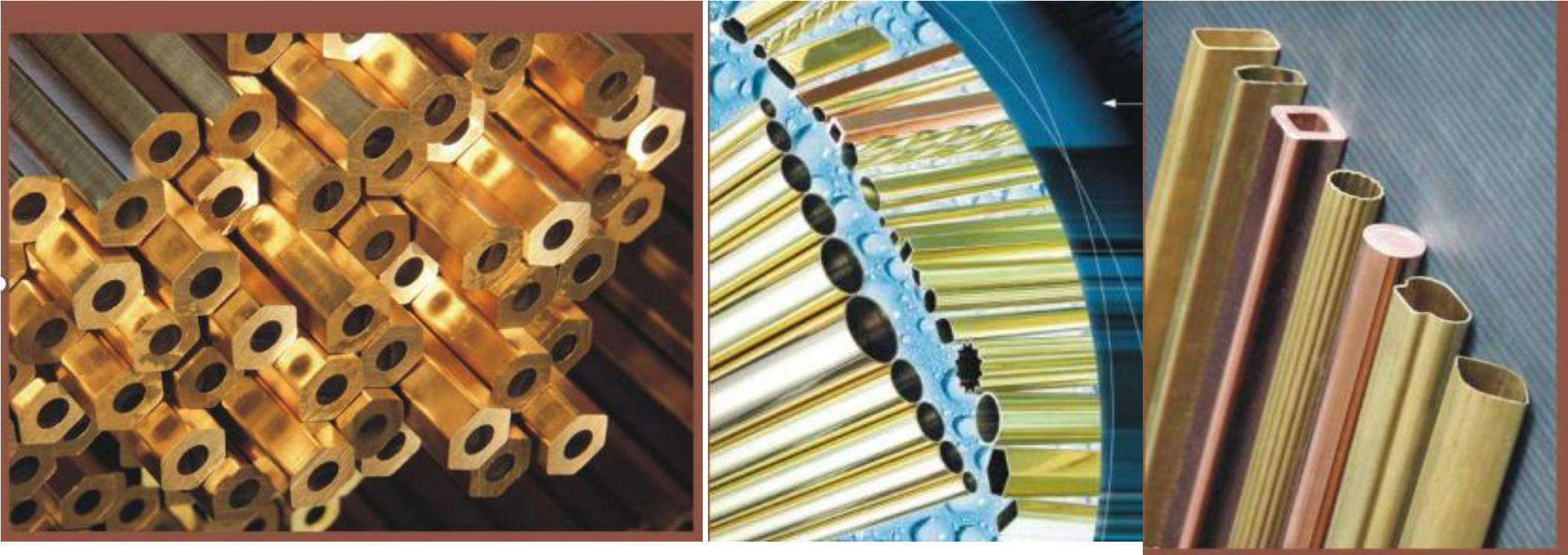
盘管的盘径、盘重等可以定制。Coildiameter,diskweightcanbecustomized.
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应用不例 **Application example**



乐器与装饰用铜合金管

Copper alloy tubes for musical instruments and decoration



产品用途

主要用于制造管弦乐（沙克斯、铜笛等），文体用品，工艺品，笔壳，铜铃，戒指，铜链，铜镯，铜制礼品、铜制工艺品；灯具，衣帽架等生活装饰用品；机械垫片、衬套，钟表结构件等。

Application

Mainly used in manufacturing orchestral instruments(sacks,copper flute,etc.) Stationery sports goods,artware,pen shell,copper bell,ring,copper chain,copper bracelets gifts make by copper,artware made by copper;Lamps,clothes tree and so on.Also can used for Mechanical gasket, bushing, dock structure, etc.

产品特性

具有良好的力学性能，切削加工性好，可承受冷热压力加工，使用于切削加工及冲压加工的各种结构零件。表面质量好，金属光泽强，电镀性能好，耐磨性、抗腐蚀性。可以按用户需求订制各种截面形状。

Good characteristics

Has good mechanical properties, machinability is good,can withstand hot and cold pping processing of various structure parts.Good surface quality,strong metallic luster,plating performace is good,good abrasive resistance,corrosion resistance we can offer products with various cross section according to customer demand.

牌号及对照表 Grade and control table

材料名称 Material	国标 GB	美国 ASTM	英国 BS	德国 DIN	欧盟 Eu	日本 JIS
铅黄铜管 Leaded brass	HPb66-0.5	C33000				
		C33200				
	HPb62-0.8	C35000	CZ119	CuZn36Pbl.5	CuZn36Pbl.5	C3500
	HPb62-2	C35300	CZ131			C3771
	HPb62-3	C36000				
	HPb60-2	C37700				
	HPb59-l	C37800	CZ122		CuZn39Pb2	C3610
		C38000	CZ121Pb3	CuZn39Pb3	CuZn39Pb3	C3603
	HPb59-3	C38500				C3560
普通黄铜管 Brasstube	H70	C26000	CZ 106	CuZn30	CuZn30	C2600
锌白铜 Copper nickel zinc alloy		C74000				

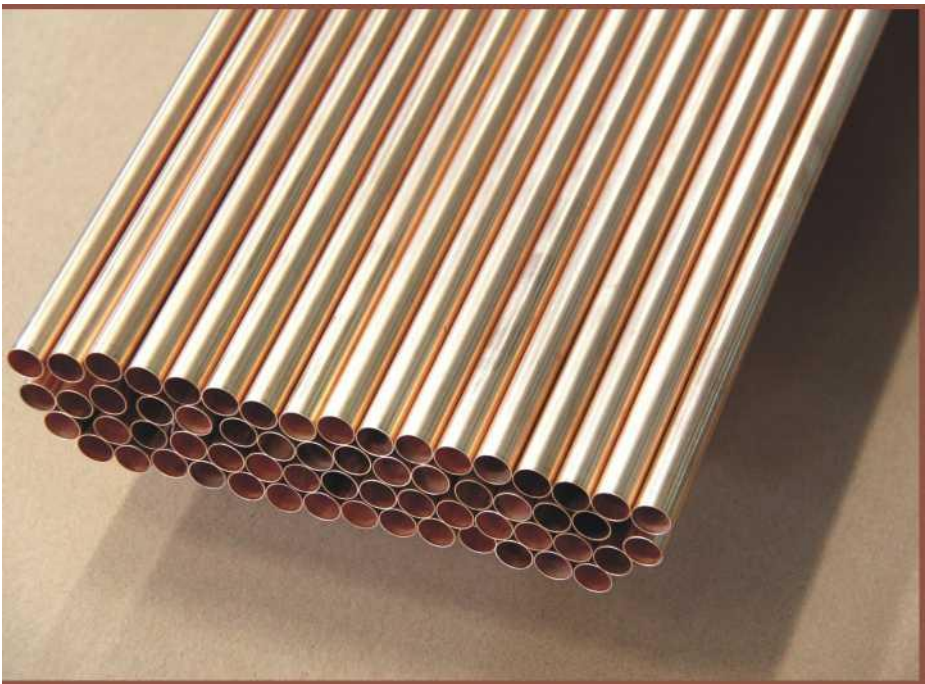
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应用不例Application example



新品开发与工艺流程

New product development and technological process

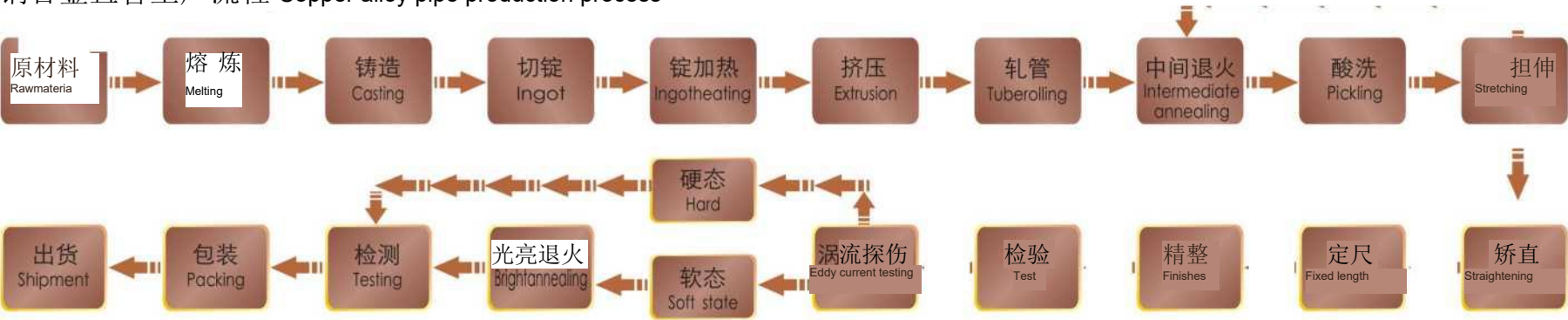


公司可生产包括紫铜、黄铜、白铜、青铜等在内的40余种牌号上千种规格的铜及铜合金产品。可以根据用户的需求开发各种特殊性能和用途的铜合金系列管、棒、型材产品。

We can produce copper and copper alloy products in more than 40 kinds of alloy including copper, brass, copper-nickel, bronze with thousands of sizes. Also can develop copper and copper alloy tube, bars, profiles with special property and application according to customers' requirement.



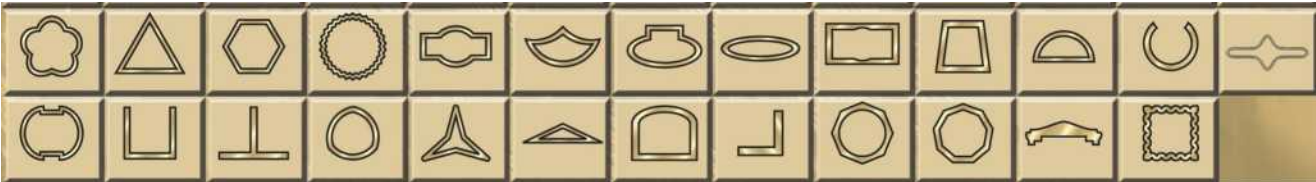
铜合金直管生产流程 Copper alloy pipe production process



可生产的铜及铜合金管尺寸
It can produce copper and copper alloy tube size

壁厚 (mm) Wall (inch)	>0.25~0.81 >0.01~0.02	>0.51~0.81 >0.02~0.032	>0.81~1.067 >0.032~0.042	>1.067~1.651 >0.042~0.065	>1.651~2.11 >0.065~0.083	>2.11~2.54 >0.083~0.10	>2.54~3.81 >0.10~0.15	>3.81~5.08 >0.15~0.20	>5.08~6.35 >0.20~0.25	>6.35~7.62 >0.25~0.3	>7.62~20.32 >0.30~0.8
外径OD [mm] (inch)											
>3~9.525 >0.12~0.375&3/8	✓	✓	✓	✓	✓						
>9.525~12.7 >0.375&3/8~0.5&1/2	✓	✓	✓	✓	✓	✓					
>12.7~19.05 >0.5&1/2~0.75&3/4		✓	✓	✓	✓	✓	✓				
>19.05~25.4 >0.75&3/4~1.0		✓	✓	✓	✓	✓	✓				
>25.4~31.75 >1.0~1.25&1-1/4		✓	✓	✓	✓	✓	✓	✓			
>31.75~38.1 >1.25&1-1/4~1.5&1-1/2		✓	✓	✓	✓	✓	✓	✓			
>38.1~50.8 >1.5&1-1/2~2.0		✓	✓	✓	✓	✓	✓	✓	✓		
>50.8~57.15 >2.0~2.25&2-1/4			✓	✓	✓	✓	✓	✓	✓		
>57.15~63.5 >2.25&2-1/4~2.50&2-1/2			✓	✓	✓	✓	✓	✓	✓	✓	✓
>63.5~76.2 >2.50&2-1/2~3.0			✓	✓	✓	✓	✓	✓	✓	✓	✓
>76.2~82.55 >3.0~3.25&3-1/4				✓	✓	✓	✓	✓	✓	✓	✓
>82.55~88.9 >3.25&3-1/4~3.5					✓	✓	✓	✓	✓	✓	✓
>88.9~101.6 >3.50&3-1/2~4.0					✓	✓	✓	✓	✓	✓	✓
>101.6~108 >4.00~4.25&4-1/4					✓	✓	✓	✓	✓	✓	✓
>108~110 >4.25&4-1/4~4.33					✓	✓	✓	✓	✓	✓	

部分可生产的异形管、棒、排、型材截面形状
Section shape of shaped tube, bar, bar and section bar can be produced.



Companies adhere to the "special, new, different, precision" as product development direction, can develop copper and copper

公司坚持“特、新、异、精”的产品发展方向，可按用户需求开发各种牌号、规格的铜合金管棒产品，其中盘管盘重可定制，直条管长度最长达40米，异形管形状可定制。

alloy tube, bars, profiles with special property and application according to customers' requirement. Such as the weight for coils can be customized and the length for straight tube can up to 40 meters, special-shaped tube can be customized.

公司通过的部分管理体系认证 Part management system certification



公司通过了 ISO9001质量管理体系认证，ISO/TS16949汽车质量管理体系认证，ISO 14001环境管理体系认证，OHSAS18001职业健康安全管理体系认证和TUV产品认证，拥有中国船级社CCS工厂认证。

The company gain the ISO9001 quality management system certification, ISO/TS16949 automotive quality management system certification, ISO 14001 environmental management system certification, OHSAS18001 occupational health and safety management system certification and TUV product certification, Have the China Classification Society CCS factory certification.

公司具有20年的铜管材研发、生产经验，有丰富实践经验的专家及工程师数十名，并有多名外国专家作长期技术顾问。

公司以从德国引进的光亮退火炉，从日本引进的挤压机，从英国引进的盘管拉伸机，从瑞士引时的光谱分析仪等系列先进的生产、检测设备为保证，快速、优质地为广大用户提供系列铜及铜合金产品。

公司能根据用户的要求，娴熟运用各国生产标准生产各类铜及铜合金产品，如ASTM、BSs ENs JIS和GB等。

The company has 20 years of research and development, production experience, has a wealth of experience in the practice of dozens of experts and engineers, and more than a number of foreign experts for long-term technical consultants. In order to ensure supply copper and copper ally products with high quality quickly, we have series advanced production and testing equipment, such as the bright annealing furnace is imported from Company, the extrusion machine imported from Japan, coil stretching machine is imported from The United Kingdom, The spectrum analyzer is imported from Switzerland etc.. The company can supply various types of copper and copper alloy products according to the user's requirements and various national production standards, such as ASTM, BS, EN, JIS and GB, etc..

1.Date of Delivery	Stock	7days
	Normal size	30 days.
	Specially size	Negotiable
2.Quality Assurance	Before loading	All of our products can be accept the 3 rd inspection
	After-sale	Full compensation for any quality problem within one year from the date of receipt
3. Sample	Free	
4. Agent	Welcome the powerful customers to be our agents in the local market	



Global Business main customers



EZ steel product have been sold to most continents and many countries, which made us well-capable to provide excellent services to our global customers.

Thank You



EZ STEEL GROUP