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# 高精度铜板 HIGH PRECISION COPPER



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中国驰名商标  
TOP CHINA BRAND

宁波金田铜业(集团)股份有限公司  
NINGBO JINTIAN COPPER(GROUP) CO.,LTD.



勇创同行之首 力争世界一流

Playing the leading role in the  
same industry striving to reach the  
world-class level



金田高精密度铜板  
HIGH PRECISION COPPER



### 宁波金田铜业（集团）股份有限公司

是一家以铜冶炼加工为主的大型企业，集团公司创建于1986年，经过短短20年的发展，形成了以铜加工制造、高新材料、房地产三大产业并进及资本运营于实业经营良性互动的产业格局，公司占地面积2000多亩，以6500余人的生产规模，50亿元的资产总额，300多亿元的年产销额，昂首迈入中国企业500强之列，当之无愧成为中国最大规模的铜加工产业基地和全球最具竞争力和挑战力的铜加工企业之一，同时也是中国再生铜利用量最大，利用水平最高的企业，成为中国铜加工循环经济的引领者

Ningbo Jintian Copper (Group) Co., Ltd, established in 1986, is a Top-500 company and one of largest Copper processing enterprises in China. It covers 700,000 square meters, and the total assets of the company is more than 5 billion RMB. Up to 2008, 6,500 employees serve for the company, and create sales volume of more than 4,600 million US dollars, the trademark "JINTIAN" is a top China brand.



铜板公司是集团全资控股子公司之一，占地10万平方米，固定资产超过6亿人民币，员工约200名。公司拥有花园式的厂房，现代化的生产线及一流的管理研发人才。目前主要产品为HPB59-1铅黄铜板系列和白铜板。产品主要应用于钥匙板、雕刻、垫片和垫圈零部件等行业。经过多年发展，产品在国内外拥有较高知名度和市场占有率，产品畅销江浙沪和广东、山东并远销香港、新加坡、泰国、马来西亚、越南等国家和地区。我们通过ISO9001:2001、ISO14001环境管理体系认证。注重质量、信誉、品牌，保持改革和创新，调整产品结构，提高质量，让我们的产品遍布全世界。

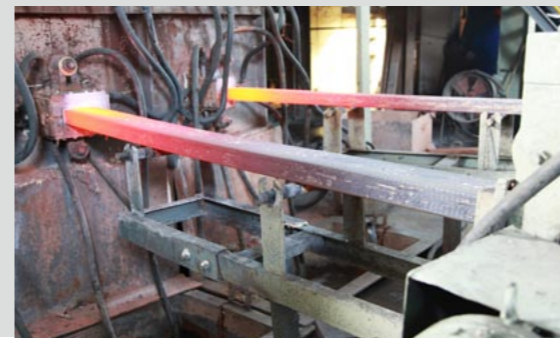
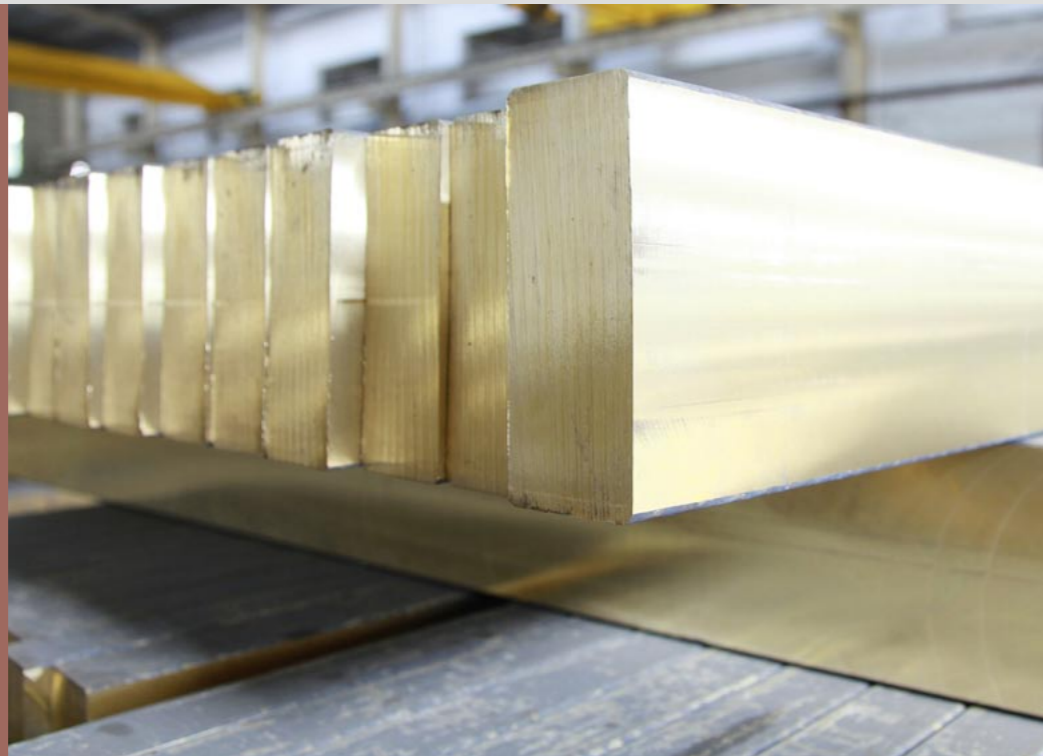
我们坚持“客户至上，质量为先”，热烈欢迎海内外客户来我司莅临指导！

Brass Plate Company is one of the wholly-owned subsidiaries. It covers 10,000 square meters, and the total assets of the company is more than 6 billion RMB. 200 employees serve for the company. The company is a gardenly factory, modernized production lines, first-class facilities management and R&B team, the main products are: HPB59-1 Leaded Brass Key Plate and Nickel Silver Blank Key. Our products can be used as processed materials in the field of Brass Key, sculpture, spacer and gasket, etc. After years of development, the product has a high reputation and market share both in domestic and abroad, and our products are exported to Hongkong, Singapore, Thailand, Malaysia, Viet Nam as well. ISO9001:2001, ISO14001:2004 are certified here. Emphasizing on quality, credit and brand, keeping reforming and innovation, adjusting products structure and improving the quality, we are striving hard to market our products all over the world.

We insist on the management idea of "customer primary, quality first", and warmly welcome all customers to visit our factory and cooperate with us.

精良的制造工艺，  
 一流的设备装置，  
 不懈的追求，  
 开创恒久的辉煌。

Advanced production technology,  
 first-class production equipments  
 untiling pursuing,  
 initiate permanent resplendence.



**努力创造第一  
 全心打造一流**

Strive for creating the first,  
 work hard to build top grade.

# HPb59-1 铅黄铜板

## LEAD BRASS PLATE

# 金田高精密度铜板 HIGH PRECISION COPPER

### 特点

- 具有极强的可切削性能，切屑易碎
- 工件表面光洁具有良好的耐蚀性
- 具有极高的抗拉强度
- 具有良好的热轧和热锻等加工性能

### Main properties

- Excellent cutting performance and machining delicate workpiece, bright and clean surface
- Good corrosion-resistance
- High Tensile Strength
- Good hot rolling and hot forging performance

### 用途

- 钥匙坯等锁具行业
- 垫片、垫圈等零件产品

### Main Application

- Blank key industry
- Parts like washers, gaskets



牌号 Alloy Grade	标准 Standard	化学成分 Chemical Composition /%							生产范围 Size Available /mm		
		Cu	Pb	Fe	Ni	Cd	Mn	Zn	厚度 Thickness	宽度 Width	长度 Length
HPb59-1	国家标准 GB	57-60	0.8-1.9	0.5	1	-	-	余量 Remains	≥ 1	40-200	≤ 1200
	企标(普通) our standard(domestic)	57-59	1-2.2	0.7	1	-	-	余量 Remains			
	企标(出口) our standard(abroad)	59-62	1-1.5	0.35	0.3	-	0.1	余量 Remains			
	企标(环保) Environmental Friendly	59-61	1-1.5	0.7	1	0.005	-	余量 Remains			

备注：根据客户成分要求，还有低铅、特制等产品。  
Remark: According to customer's requirements, such as low lead, special products etc.

力学性能 Mechanical Properties							
牌号 Alloy Grade	状态 Temper	拉伸试验 HPb59-1			硬度试验 HPb59-1		备注 Remark
		厚度 Thickness /mm	抗拉强度 Tensile Strength Rm/ ( N/mm <sup>2</sup> )	断后伸长率 Elongation A <sub>11.3</sub> /%	厚度 Thickness /mm	维氏硬度 Hardness HV	
HPb59-1	T	1-10	-	-	1-10	≥ 170	根据客户性能要求， 可适当的调整。 According to customer's requirements.
	Y		≥ 440	≥ 5		150-180	
	Y1		-	-		145-170	
	Y2		390-490	≥ 12		140-170	
	Y4		-	-		110-160	
	M		≥ 340	≥ 25		-	

# BZn10-20-1 锌白铜板

## NICKEL SILVER BLANK KEY

# 金田高精密度铜板 HIGH PRECISION COPPER

### 特点

- 抗蚀性强，弹性大
- 加工成形性能和可焊接性好
- 中等以上强度

### Main Properties

- Good anti-corrosion property and good elasticity
- Good foming and welding performance

### 用途

- 钥匙专用白铜板
- 制造耐蚀构件，接插件

### Main Properties

- White Blank Key industry
- Corrosion resistant components and connectors

牌号 Alloy Grade	化学成分 Chemical Composition /%					生产范围 Size Available /mm		
	Ni	Zn	Pb	Cu	Cd	厚度 Thickness	宽度 Width	长度 Length
BZn10-20-1	9-12.5	23-26	0.9-1.4	60-67	-	≥ 1	40-200	≤ 1200

备注：杂质含量范围的确定值参照 GB5234-85 标准中加铅锌白铜 BZn15-21-1.8 的规定。  
The scope of the impurity reference GB5234-85

力学性能 Mechanical Properties							
牌号 Alloy Grade	状态 Temper	拉伸试验 HPb59-1			硬度试验 HPb59-1		备注 Remark
		厚度 Thickness /mm	抗拉强度 Tensile Strength R <sub>m</sub> / ( N/mm <sup>2</sup> )	断后伸长率 Elongation A <sub>11.3</sub> /%	厚度 Thickness /mm	维氏硬度 Hardness HV	
BZn10-20-1	M	0.5-5	≥ 340	≥ 20	≥ 0.5	-	根据客户性能要求， 可适当的调整。 According to customer's requirements
	Y2		440-570	≥ 5		120-180	
	Y		≥ 540	≥ 3		≥ 150	

## 应用领域 APPLICATIONS

