

H65黄铜钢带 铜钢复合带 覆铜钢板 铜包钢 双金属五金冲压件 拉伸 电器 电工 电子 连接件 H62黄铜导电

产品名称	H65黄铜钢带 铜钢复合带 覆铜钢板 铜包钢 双金属五金冲压件 拉伸 电器 电工 电子 连接件 H62黄铜导电
公司名称	温州美和唐科技有限公司
价格	19.50/千克
规格参数	材质牌号:H65/IF/H65 厚度:0.1-3.2mm 宽度:700mm
公司地址	浙江省温州市苍南县灵溪镇水头村104线营基5号
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产品详情

美和唐科技

金属复合新材料解决方案供应商

Supplier of metal composite new material solutions

五金冲压件 黄铜钢带 覆铜钢/复合铜——降本增效 技改新材料

Electronic hardware stamping parts, brass steel strip, copper clad steel/composite copper - new materials for cost reduction and efficiency improvement

1、产品用途。

黄铜钢带、黄铜钢/铜合金和低碳钢等性能的同双面复合的冷冲压件广泛应用于覆铜合金材料的大量铜资源，常用屏蔽屋等业电气电工电子五金冲压件，连接件，元器件，电子产品零部件，铠装电缆屏蔽和电波暗

表面和高的导热，是纯铜和黄铜等双金属替代材料。性价比非常高。具备了热传导优、可塑性强、硬度大

非常H65黄铜在铜为良好的塑性(是黄铜开裂)和较高的强度,可切削加工性能好,易焊接,对一般腐蚀

H65具有良好的机械性能,热态下塑性良好,冷态下塑性尚可,可切削性好,易纤焊和焊接,耐蚀,是应用广泛的黄铜品种。

- 3、发挥H65黄铜装饰性表面性能。
- 4、兼顾黄铜的良好导电性能
- 5、拥有产品良好的平滑性
- 6、发挥由钢带来的高强度,弹性。展现双金属合金带来的双金属性能。

也有较高的强度和塑性,能良好地承受冷、热压力加工,有腐蚀破裂倾向。

2、外观

- (1) 表面光洁,平整,不应有气泡,夹杂,划伤,擦伤等。
- (2) 成型要求:材料具有良好的界面结合力、折弯性能及拉伸性能,满足冲压、拉伸等加工要求。
- (3) 耐腐蚀性能要求:铜钢复合板要求表面具有较好的耐腐蚀性,该性能通过复层铜化学成分及冷轧生产工艺过程控制来保证。
- (4) 其它要求:包括力学性能、尺寸精度及板形控制等。

3、产品牌号及性能。

常用典型牌号参考(其他性能规格可定制):

序号名称/牌号规格(mm): H65/IF/H65

	宽度Width	厚度Thickness	硬度Hardness HV
1覆铜钢	5-600	0.1-3.1	软态HV80-110
2覆铜钢	5-600	0.1-3.1	半硬态HV110-140
3覆铜钢	5-600	0.1-3.1	硬态 > HV 140

可按需定制不同厚度宽度规格:(0.1~3.0) × (10~1000) × C/定尺;开平。

性能:复合片(带)的状态按其基层的硬度分为软态(<110 HV)、半硬态(HV110~140)

和硬态(HV > 140)。

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1. Product usage.

Meihetang Technology uses copper clad alloy materials such as H65 brass/copper alloy and low-carbon steel for double-sided composite cold rolling and rolling processes, which can replace other copper alloys such as H62 brass/phosphorus copper, meet the material's electrical conductivity while improving its mechanical properties. This can save a lot of copper resources, save costs, and promote green development.

Commonly used in low-voltage industrial electrical and electronic hardware stamping parts, connectors, components, electronic product components, armored cable shielding, anechoic chambers, shielding rooms, etc.

The surface is consistent with H65 brass and has bimetallic material properties. Copper steel composite materials have the advantages of excellent thermal diffusion, strong plasticity, high hardness, and high value ratio, making them excellent substitutes for pure copper brass and other materials. The cost-effectiveness is very high. It's cost saving

1. H65 brass has excellent plasticity (which is the best among brass) and high strength, good machinability, easy welding, and is very stable for general corrosion. However, it is prone to corrosion cracking in ammonia atmosphere.

2. H65 has good mechanical properties, good plasticity in hot state, acceptable plasticity in cold state, good machinability, easy soldering and welding, corrosion resistance, and is a widely used brass variety.

3. Utilize the decorative surface performance of H65 brass.

4. Considering the good conductivity of brass

5. Having good smoothness of the product

6. Utilize the high strength and elasticity brought by steel. Show the bimetallic properties brought by bimetallic alloys.

It also has high strength and plasticity, can withstand cold and hot pressure processing well, and has a tendency to corrode and rupture.

2. Appearance

(1) The surface should be smooth and flat, without bubbles, inclusions, scratches, etc.

(2) Forming re: The material has good interface adhesion, bending performance, and tensile performance, meeting processing re such as stamping and stretching.

(3) Corrosion resistance: Copper steel composite plates require good corrosion resistance on the surface, which can

be ensured through the control of the chemical composition of the composite layer copper and the cold rolling production process.

(4) Other re: including mechanical properties, dimensional accuracy, and shape control.

3. Product brand and performance.

Common typical brand references (other performance specifications can be customized):

Serial number name/brand specification (mm): H65/IF/H65

Width Thickness Hardness HV

1 Copper clad steel 5-6000.1-3.1 Soft HV80-110

2 copper clad steel 5-6000.1-3.1 semi hard HV110-140

3 copper clad steel 5-6000.1-3.1 hard state > HV 140

Customizable with different thickness and width specifications as needed: (0.1-3.0) × (10-1000) × C/ fixed length; Kaiping.

Performance: The state of the composite sheet (strip) is divided into soft state (<110 HV) and semi hard state (HV110-140) according to the hardness of its base layer

And hard state (HV > 140).