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**NATIONAL STANDARD OF THE PEOPLE'S REPUBLIC
OF CHINA**

中华人民共和国国家标准

GB/T 17793-2010

Replace GB/T 17793-1999

**Wrought copper and copper alloy plate, sheet
and strip for general purposes—Dimensions and
tolerances**

加工铜及铜合金板带材

外形尺寸及允许偏差

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**Issued by General Administration of Quality Supervision, Inspection
and Quarantine of the People's Republic of China**

**Standardization Administration of the People's Republic of
China**

Foreword

This standard will replace GB/T 17793-1999 *Wrought copper and copper alloy plate, sheet and strip for general purposes--Dimensions and tolerances*.

Comparison with GB/T 17793-1999, main changes of this standard are as follows:

- Modified the available trade mark and specification range of plates and strips: for strips, the four trade marks including H63, H85, QSn8-0.3 and BZn18-17 are increased, for plates, the four trade marks including H85, HPb60-2, QSn8-0.3 and BZn18-17 are increased; the lower limit of strips is changed from "0.05 mm" to "greater than 0.15 mm".
- Tightened the thickness permissible deviation provisions of fine copper and brass cold-rolled plate with a thickness of more than 5.0 mm and a width of no more than 1250 mm;
- Re-divided the grades of thickness permissible deviation of the copper and brass strips and tightened the tightness permissible deviation provisions of the part with a width of greater than 700 mm - 1200 mm;
- Re-divided the grades of the thickness permissible deviation of bronze and cupronickel and modified the corresponding thickness permissible deviation;
- Re-divided the grades of the width permissible deviation of plates, increased the permissible deviation of rolling and vertical shear and tightened the shear permissible deviation provisions of the part with a thickness of more than 12mm;
- Tightened the flatness provisions of plates;
- Re-divided the grades of the side curvature of the strips, increased high -precision grade and modified the corresponding side curvature.

The standard is prepared with redrafting method through reference to the dimension permissible deviation part in Japanese Industrial Standard JIS H3110:2006 *Copper and Copper Alloy Sheet, Plate and Strip* and JIS H3110:2006 *Phosphor Bronze and Nickel*

Silver Alloy Sheet, Plate and Strip, whose consistency degree with JIS H3100: 2006 and JIS H3110:2006 is non-equivalent.

This Standard is under the jurisdiction of National Technical Committee on Nonferrous Metals of Standardization Administration of China (SAC/TC 243).

The responsible drafting organizations are Chinalco Luoyang Copper Co., Ltd and China Non-Ferrous Metal Industry Standard Research Institute of Metering and Quality

The participation drafting organization is Chinalco Shanghai Copper Co., Ltd

The chief drafting staff of this standard includes Meng Huijuan, Chen Shaoyun, Zhang Xiangyun, Zhu Yingli, Zhao Wanhua, Shao Shengzhong, Zhang Jian and Fu Honghua.

This standard replaces the following historical editions issued:

— GB/T 17793-1999.

Wrought copper and copper alloy plate, sheet and strip for general purposes—Dimensions and tolerances

1 Scope

This standard specifies the dimensions and permissible deviations for the processed copper and copper alloy plates and strips.

This standard applies to general-purpose processed copper and copper alloy plates and strips.

2 Requirements

2.1 Designation and specification

2.1.1 Designation and corresponding specification of sheets see Table 1.

2.1.2 Designation and corresponding specification of strips see Table 2.



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