

Translated English of Chinese Standard: GB/T17793-2010

www.ChineseStandard.net → Buy True-PDF → Auto-delivery.

Sales@ChineseStandard.net

GB

NATIONAL STANDARD OF THE
PEOPLE'S REPUBLIC OF CHINA

ICS 77.150.30

H 62

GB/T 17793-2010

Replacing 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

Issued on: January 10, 2011

Implemented on: October 01, 2011

**Issued by: General Administration of Quality Supervision, Inspection and
Quarantine;**

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

Table of Contents

Foreword.....	3
1 Scope.....	5
2 Requirements.....	5

Foreword

This Standard replaces GB/T 17793-1999 "Wrought copper and copper alloy plate, sheet and strip for general purposes - Dimensions and tolerances".

Compared with GB/T 17793-1999, the main changes in this Standard are as follows:

- modified the available designations and specifications of plate, sheet and strip: added four designations H63, H85, QSn8-0.3 and BZn18-17 for sheet and strip, added four designations H85, HPb60-2, QSn8-0.3 and BZn18-17 for plate; changed the lower limit of sheet and strip from "0.05mm" to "greater than 0.15mm";
- tightened the provisions on thickness tolerance for pure copper, brass cold rolled plates of which the thickness is greater than 5.0mm, the width is not greater than 1250mm;
- reclassified the thickness tolerance for pure copper, brass cold rolled sheets and strips; tightened the provisions on thickness tolerance for the part with a width greater than 700mm~1200mm;
- reclassified the thickness tolerance for bronze, cupronickel sheets and strips; modified corresponding thickness tolerance;
- reclassified the width tolerance for plates; added allowable deviation of roll slitting; tightened the provisions on shear tolerance with a thickness greater than 12mm;
- tightened the provisions on plate flatness;
- reclassified the side curvature of sheets and strips; added the high-precision level and modified corresponding side curvature.

This Standard modified on the basis of adopting the part of size tolerance of Japanese Industrial Standard JIS H3100: 2006 "Copper and copper alloy sheets, plates and strips" and JIS H3110:2006 "Phosphor bronze and nickel silver sheets, plates and strips". The degree of consistency with JIS H3100:2006 and JIS H3110:2006 is non-equivalent.

This Standard shall be under the jurisdiction of National Technical Committee on Non-ferrous Metals of Standardization Administration of China (SAC/TC 243).

Main drafting organizations of this Standard: Chinalco Luoyang Copper Industry Co., Ltd., China Nonferrous Metals Industry Standard Metrology and Quality Institute.

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

1 Scope

This Standard specifies dimensions and tolerances for wrought copper and copper alloy plate, sheet and strip.

This Standard is applicable to wrought copper and copper alloy plate, sheet and strip for general purposes.

2 Requirements

2.1 Designations and specifications

2.1.1 The designations and corresponding specifications of plates are shown in Table 1.

2.1.2 The designations and corresponding specifications of sheets and strips are shown in Table 2.

This is an excerpt of the PDF (Some pages are marked off intentionally)

Full-copy PDF can be purchased from 1 of 2 websites:

1. <https://www.ChineseStandard.us>

- SEARCH the standard ID, such as GB 4943.1-2022.
- Select your country (currency), for example: USA (USD); Germany (Euro).
- Full-copy of PDF (text-editable, true-PDF) can be downloaded in 9 seconds.
- Tax invoice can be downloaded in 9 seconds.
- Receiving emails in 9 seconds (with download links).

2. <https://www.ChineseStandard.net>

- SEARCH the standard ID, such as GB 4943.1-2022.
- Add to cart. Only accept USD (other currencies - <https://www.ChineseStandard.us>).
- Full-copy of PDF (text-editable, true-PDF) can be downloaded in 9 seconds.
- Receiving emails in 9 seconds (with PDFs attached, invoice and download links).

Translated by: Field Test Asia Pte. Ltd. (Incorporated & taxed in Singapore. Tax ID: 201302277C)

About Us (Goodwill, Policies, Fair Trading...): <https://www.chinesestandard.net/AboutUs.aspx>

Contact: Wayne Zheng, Sales@ChineseStandard.net

Linkin: <https://www.linkedin.com/in/waynezhengwenrui/>

----- The End -----