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(JCBA/JSA)

**Copper beryllium alloy, copper titanium
alloy, phosphor bronze, copper-nickel-
tin alloy and nickel silver sheets, plates
and strips for springs**

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Contents

	Page
1 Scope	1
2 Normative references	1
3 Terms and definitions	2
4 Designations, grades and symbols of grades	2
5 Quality	3
5.1 Appearance	3
5.2 Chemical composition	4
5.3 Mechanical properties	4
6 Dimensions and tolerances, and permissible values for shape	15
6.1 Dimensions	15
6.2 Inside diameters of strips	15
6.3 Dimensional tolerances	15
6.4 Permissible values for camber of strips	16
7 Tests	17
7.1 Chemical analysis	17
7.2 Tensile test	17
7.3 Bend test	17
7.4 Hardness test	19
7.5 Age-hardening treatment	19
8 Inspection	19
9 Marking	19
10 Report	20
Annex A (informative) Representative thicknesses of plates and strips, and representative inside diameters of strips	21

Foreword

This Japanese Industrial Standard has been revised by the Minister of Economy, Trade and Industry through deliberations at the Japanese Industrial Standards Committee as the result of proposal for revision of Japanese Industrial Standard submitted by Japan Copper and Brass Association (JCBA)/Japanese Standards Association (JSA) with a draft being attached, based on the provision of Article 12, paragraph (1) of the Industrial Standardization Act applied mutatis mutandis pursuant to the provision of Article 16 of the said Act. This edition replaces the previous edition (**JIS H 3130 : 2018**), which has been technically revised.

However, **JIS H 3130 : 2018** may be applied in the **JIS** mark certification based on the relevant provisions of Article 30, paragraph (1), etc. of the Industrial Standardization Act until 20 March 2026.

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Copper beryllium alloy, copper titanium alloy, phosphor bronze, copper-nickel-tin alloy and nickel silver sheets, plates and strips for springs

1 Scope

This Japanese Industrial Standard specifies the requirements for rolled copper beryllium alloy, copper titanium alloy, phosphor bronze, copper-nickel-tin alloy and nickel silver sheets and plates (hereafter referred to as plates), and strips in coil (hereafter referred to as strips) for springs.

2 Normative references

Part or all of the provisions of the following standards, through reference in this text, constitute provisions of this Standard. The most recent editions of the standards (including amendments) indicated below shall be applied.

- JIS H 0321 *General rules for inspection of non-ferrous metal materials*
- JIS H 0500 *Glossary of terms used in wrought copper and copper alloys*
- JIS H 1051 *Copper and copper alloys — Determination of copper content*
- JIS H 1052 *Methods for determination of tin in copper and copper alloys*
- JIS H 1053 *Methods for determination of lead in copper and copper alloys*
- JIS H 1054 *Methods for determination of iron in copper and copper alloys*
- JIS H 1055 *Methods for determination of manganese in copper and copper alloys*
- JIS H 1056 *Methods for determination of nickel in copper and copper alloys*
- JIS H 1058 *Copper and copper alloys — Determination of phosphorus content*
- JIS H 1060 *Methods for determination of cobalt in copper and copper alloys*
- JIS H 1062 *Methods for determination of zinc in copper and copper alloys*
- JIS H 1063 *Methods for determination of beryllium in copper alloys*
- JIS H 1073 *Methods for determination of titanium in copper alloys*
- JIS H 1292 *Copper alloys — Methods for X-ray fluorescence spectrometric analysis*
- JIS Z 2241 *Metallic materials — Tensile testing — Method of test at room temperature*
- JIS Z 2244-1 *Vickers hardness test — Part 1: Test method*
- JIS Z 2244-2 *Vickers hardness test — Part 2: Tables of hardness values*
- JIS Z 2248 *Metallic materials — Bend test*