

# JIS

JAPANESE  
INDUSTRIAL  
STANDARD

Translated and Published by  
Japanese Standards Association

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**JIS H 3130** : 2018

(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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ICS 77.150.30

Reference number : **JIS H 3130 : 2018 (E)**

Date of Establishment: 1977-05-01

Date of Revision: 2018-08-20

Date of Public Notice in Official Gazette: 2018-08-20

Investigated by: Japanese Industrial Standards Committee

Standards Board for ISO area

Technical Committee on Metal and Inorganic

Materials

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JIS H 3130:2018, First English edition published in 2019-02

Translated and published by: Japanese Standards Association  
Mita MT Building, 3-13-12, Mita, Minato-ku, Tokyo, 108-0073 JAPAN

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Printed in Japan

HT/AT

## Contents

		Page
1	Scope .....	1
2	Normative references .....	1
3	Terms and definitions .....	1
4	Name, grade and designation .....	2
5	Quality .....	3
5.1	Appearance .....	3
5.2	Chemical composition .....	3
5.3	Mechanical properties .....	4
6	Dimensions and tolerances, and permissible values for shape .....	14
6.1	Dimensions .....	14
6.2	Internal diameters of coil of strips .....	14
6.3	Dimensional tolerances .....	14
6.4	Permissible values for camber of strip .....	15
7	Manufacturing process .....	16
8	Tests .....	16
8.1	Chemical analysis .....	16
8.2	Tensile test .....	16
8.3	Bend test .....	17
8.4	Test for elastic limit of spring .....	17
8.5	Hardness test .....	21
8.6	Age-hardening treatment .....	21
9	Inspection .....	22
10	Marking .....	22
11	Report .....	22
	Annex A (informative) Representative dimensions of plates and strips, and representative internal diameters of coil of strips .....	23

## 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 the draft being attached, based on the provision of Article 12 Clause 1 of the Industrial Standardization Law applicable to the case of revision by the provision of Article 14.

Consequently **JIS H 3130**:2012 is replaced with this Standard.

However, **JIS H 3130**:2012 may be applied in the **JIS** mark certification based on the relevant provisions of Article 19 Clause 1, etc. of the Industrial Standardization Law until August 19, 2019.

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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 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

The following standards contain provisions which, 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 1070 *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 *Vickers hardness test—Test method*
- JIS Z 2248 *Metallic materials—Bend test*

## 3 Terms and definitions

For the purpose of this Standard, the terms and definitions given in **JIS H 0500** apply.