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(JCBA/JSA)

Copper beryllium alloy, phosphor bronze and nickel silver rods, bars and wires

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In the event of any doubts arising as to the contents,
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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 3270** : 2018), which has been technically revised.

However, **JIS H 3270** : 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.

It should be noted that being in conformance with this Standard may come under the use of the patent rights and other rights held by the following:

Company name	Address	Patent number	Date of establishment	Title of patent
FUJII MANUFACTURING CO., LTD.	1-14-6 Hon-isshiki, Edogawa-ku, Tokyo	6742278	30 July 2020	Lead-free free-cutting phosphor bronze rod wire, and manufacturing method of lead-free free-cutting phosphor bronze rod wire
Kurimoto, Ltd.	1-12-19 Kitahorie, Nishi-ku, Osaka-shi, Osaka			

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Copper beryllium alloy, phosphor bronze and nickel silver rods, bars and wires

1 Scope

This Japanese Industrial Standard specifies requirements for the expanded copper beryllium alloy, phosphor bronze and nickel silver rods and bars having a round/regular hexagonal/rectangular section (hereafter referred to as bars) and wires having a round/regular hexagonal/square/rectangular section (hereafter referred to as wires).

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 1070 *Copper and copper alloys — Determination of sulfur content*

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 2245 *Rockwell hardness test — Test method*