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## Glossary of terms used in wrought copper and copper alloys

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ICS 01.040.77; 77.120.30

**Descriptors** : wrought alloys, copper, copper alloys, vocabulary

**Reference number** : JIS H 0500 : 1998 (E)

## Foreword

This translation has been made based on the original Japanese Industrial Standard established by the Minister of International Trade and Industry through deliberations at the Japanese Industrial Standards Committee in accordance with the Industrial Standardization Law.

This Standard has been made based on **ISO 197/1**, *Copper and copper alloys—Terms and definitions—Part 1 : Materials*, **ISO 197/2**, *Copper and copper alloys—Terms and definitions—Part 2 : Unwrought products (Refinery shapes)*, **ISO 197/3**, *Copper and copper alloys—Terms and definitions—Part 3 : Wrought products*, **ISO 197/4**, *Copper and copper alloys—Terms and definitions—Part 4 : Castings* and **ISO 197/5**, *Copper and copper alloys—Terms and definitions—Part 5 : Methods of processing and treatment*, for the purposes of making easy to compare this Standard with International Standards; to prepare Japanese Industrial Standard conforming with International Standards; and to propose a draft of International Standard which is based on Japanese Industrial Standard.

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## Glossary of terms used in wrought copper and copper alloys

**Introduction** This Japanese Industrial Standard has been prepared based on the first edition of **ISO 197/1**, *Copper and copper alloys—Terms and definitions—Part 1 : Materials*, **ISO 197/2**, *Copper and copper alloys—Terms and definitions—Part 2 : Unwrought products (Refinery shapes)*, **ISO 197/3**, *Copper and copper alloys—Terms and definitions—Part 3 : Wrought products*, **ISO 197/4**, *Copper and copper alloys—Terms and definitions—Part 4 : Castings* and **ISO 197/5**, *Copper and copper alloys—Terms and definitions—Part 5 : Methods of processing and treatment*, published in 1983, in which the corresponding International Standards are adopted for the corresponding parts (terms) in this Standard without any modification in technical contents. The specified items which have not been specified in the corresponding International Standards are additionally included in this Japanese Industrial Standard.

**1 Scope** This Standard specifies the principal terms and their definitions related to the class, processing, heat treatment, quality, performance, test and the like of wrought copper and copper alloy products.

Remarks 1 The wrought copper and copper alloy products are the generic term of such products as plate, ribbon, tube, bar, wire and the like of copper and copper alloys manufactured by hot or cold plastic deformation processing such as rolling, extruding, drawing, forging and the like.

2 The International Standards corresponding to this Standard are shown as follows:

ISO 197/1 : 1983 *Copper and copper alloys—Terms and definitions—Part 1 : Materials*

ISO 197/2 : 1983 *Copper and copper alloys—Terms and definitions—Part 2 : Unwrought products (Refinery shapes)*

ISO 197/3 : 1983 *Copper and copper alloys—Terms and definitions—Part 3 : Wrought products*

ISO 197/4 : 1983 *Copper and copper alloys—Terms and definitions—Part 4 : Castings*

ISO 197/5 : 1980 *Copper and copper alloys—Terms and definitions—Part 5 : Methods of processing and treatment*

**2 Normative references** The following standards contain provisions which, through reference in this Standard, constitute provisions of this Standard. The most recent editions of the standards indicated below shall be applied.

JIS H 2121 *Electrolytic cathode copper*

JIS H 2501 *Phosphor copper metal*

JIS H 2504 *Copper beryllium master alloy*

JIS H 3100 *Copper and copper alloy sheets, plates and strips*

JIS H 3140 *Copper bus bars*