

# ISO

INTERNATIONAL ORGANIZATION FOR STANDARDIZATION

## ISO RECOMMENDATION R 197

### CLASSIFICATION OF COPPERS

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## BRIEF HISTORY

The ISO Recommendation R 197, *Classification of Coppers*, was drawn up by Technical Committee ISO/TC 26, *Copper and Copper Alloys*, the Secretariat of which was held by the American Standards Association, Inc. (ASA) until June 1960 and, since this date, by the Deutscher Normenausschuss (DNA).

In preparation for the first meeting of ISO/TC 26, held in Stockholm, in June 1955, the Secretariat presented a draft proposal concerning the subject of this ISO Recommendation. This document was examined during the meeting and then turned over to a Working Group for thorough study; the latter proposed a number of changes. The document was revised accordingly, and was approved by the Technical Committee, in plenary session, as a Draft ISO proposal. In November 1957, this draft proposal was circulated for vote by letter ballot to the members of the Technical Committee.

During its second meeting, held in Harrogate, in June 1958, the Technical Committee examined the results of the vote and the comments received, and prepared a revised draft proposal taking into account the amendments presented by various Member Bodies. On this basis, after full discussion, the draft proposal revised in this way was approved as a Draft ISO Recommendation.

On 26 June 1959, the Draft ISO Recommendation (No. 312) was distributed to all the ISO Member Bodies and was approved by the following Member Bodies:

Australia	Ireland	Portugal
Belgium	Israel	Romania
Burma	Italy	Spain
Canada	Japan	Sweden
Chile	Mexico	Switzerland
Finland	Netherlands	Turkey
Germany	New Zealand	United Kingdom
Greece	Norway	U.S.A.
India	Poland	Yugoslavia

One Member Body opposed the approval of the Draft: France.

The Draft ISO Recommendation was then submitted by correspondence to the ISO Council, which decided, in May 1961, to accept it as an ISO RECOMMENDATION.

## CLASSIFICATION OF COPPERS

### 1. SCOPE

This ISO Recommendation contains a classification of the various types of coppers currently available in cast refinery shapes and wrought products in commercial quantities. It is not a specification for the various types.

### 2. BASIS OF CLASSIFICATION

- 2.1 The table shows the refinery shapes currently produced. In each type the specific coppers are not necessarily available in a complete range of sizes in the form shown, nor from any one supplier in all forms.
- 2.2 The specifications indicated for cast refinery shapes and for wrought copper products may cover more than one of the types given in the table or may include only part of the range covered by one of the types shown in the classification.

### 3. DEFINITIONS

The definitions which appear in Appendix 1 to this classification cover the terms used in designating the various types of coppers, but do not include definitions of the types of coppers as such.

The definitions which appear in Appendix 2 are also given for the various forms of refinery shapes.