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COPPER AND COPPER ALLOYS— WROUGHT RODS, BARS AND SECTIONS

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This Australian standard was prepared by Committee MT/2, Copper and Copper Alloys. It was approved on behalf of the Council of the Standards Association of Australia on 30 October 1984 and published on 31 January 1985.

The following interests are represented on Committee MT/2:

Australian Foundry Institute

Australian Welding Institute

Confederation of Australian Industry

Copper Development Association of Australia Limited

Coppermetals Extruders Council of Australia

Department of Defence

Metropolitan Water, Sewerage and Drainage Board, N.S.W.

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PREFACE

This edition of this standard was prepared under the direction of the Association's Committee on Copper and Copper Alloys by its subcommittee on rods and sections other than forging stock, to supersede AS 1567—1974. It specifies requirements for wrought copper and copper alloy rods, bar, hollows and sections for machining and general purposes other than forging.

In revising AS 1567—1974, cognizance was taken of the following standards and draft standards issued by the International Organization for Standardization (ISO):

ISO 1637	Wrought Copper and Copper Alloys—Solid Products Supplied in Straight Lengths—Mechanical Properties
ISO 1638	Wrought Copper and Copper Alloys—Drawn Solid Products Supplied in Coils or on Reels—Mechanical Properties
ISO 1639	Wrought Copper Alloys—Extruded Sections—Mechanical Properties
ISO/DIS 3488	Wrought Copper and Copper Alloys—Extruded Round, Square and Hexagonal Bars—Dimensions and Tolerances
ISO/DIS 3489	Wrought Copper and Copper Alloys—Drawn Round Bars—Dimensions and Tolerances
ISO/DIS 3490	Wrought Copper and Copper Alloys—Drawn Hexagonal Bars—Dimensions and Tolerances
ISO/DIS 3491	Wrought Copper and Copper Alloys—Drawn Square Bars—Dimensions and Tolerances

Mechanical properties are compatible with ISO but it was considered that the dimensional tolerances used by ISO would not be acceptable to Australian manufacturers.

In this edition, former appendices dealing with copper and copper alloy designations have been deleted in the light of new standards on this having been published. A new Appendix A presents purchasing guidelines including contractual requirements, previously included in the body of AS 1567—1974, and directs attention to matters requiring consideration at the time of enquiry and/or order.

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