

Australian Standard 2354—1980

HERMETICALLY SEALED METAL CANS FOR FOOD AND DRINKS—TERMINOLOGY AND DETERMINATION OF DIMENSIONS AND CAPACITY



STANDARDS ASSOCIATION OF AUSTRALIA
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THE FOLLOWING SCIENTIFIC, INDUSTRIAL AND GOVERNMENTAL ORGANIZATIONS and departments were officially represented on the committee entrusted with the preparation of this standard:

Australian Cannery Association
Canmakers Institute of Australia
Confederation of Australian Industry
Department of Primary Industry
Grocery Manufacturers of Australia Ltd
National Meat Cannery Association
National Standards Commission
Packaging Council of Australia
Standing Committee on Packaging

This standard, prepared by Committee PK/8, Metal Cans for Foods, was approved on behalf of the Council of the Standards Association of Australia on 15 July 1980, and was published on 1 September 1980.

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This standard was issued in draft form for public review as DR 79113.

AUSTRALIAN STANDARD

**HERMETICALLY SEALED
METAL CANS FOR FOOD AND
DRINKS—TERMINOLOGY AND
DETERMINATION OF
DIMENSIONS AND CAPACITY**

AS 2354—1980

First published1980

PUBLISHED BY THE STANDARDS ASSOCIATION OF AUSTRALIA
STANDARDS HOUSE, 80 ARTHUR ST, NORTH SYDNEY, N.S.W.

ISBN 0 7262 2007 8



28 AUG 1980

PREFACE

This standard was prepared by the Association's Committee on Metal Cans for Food, under the direction of the Association's Packaging Standards Board. It is technically identical with International standard ISO 90, Hermetically Sealed Metal Cans for Food and Drinks—Specifications.

It should be noted that can height is not included in the text of ISO 90. In Australian standards it is the current practice to include height, defined as the overall height of the closed can in millimetres, and this should be added to the specification.

This standard makes reference to the following standard:

AS 2400 SAA Packaging Code
Part 1—Glossary of Terms

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STANDARDS ASSOCIATION OF AUSTRALIA

Australian Standard
for

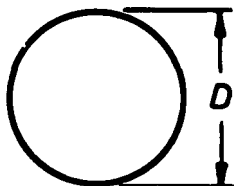
**HERMETICALLY SEALED METAL CANS FOR FOOD AND
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1 SCOPE. This standard defines terms and sets out methods for the determination of nominal dimensions, for the determination of capacity and for the designation of hermetically sealed metal cans for food and drinks.

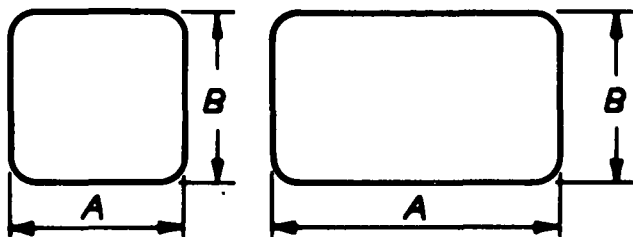
2 DEFINITIONS. For the purpose of this standard, the definitions given in AS 2400, Part 1, and the following definitions apply:

2.1 Cross-section.

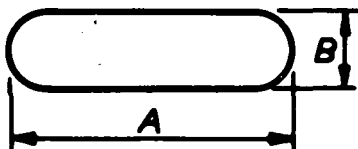
2.1.1 Round can—a metal container having a circular cross-section.



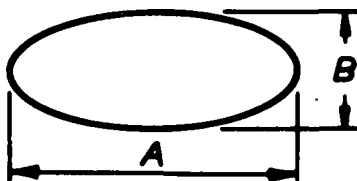
2.1.2 Rectangular can (square and oblong)—a metal container having a square or oblong cross-section and rounded corners.



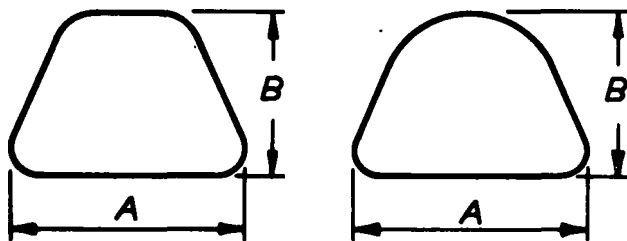
2.1.3 Obround can—a metal container having a cross-section with parallel sides joined by two semi-circular ends.



2.1.4 Oval can—a metal container having an oval cross-section.

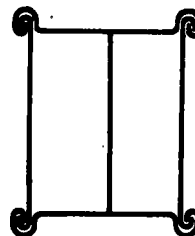


2.1.5 Trapezoidal can—a metal container having an approximately trapezoidal cross-section, the corners being rounded. The shorter of the parallel sides may be rounded.

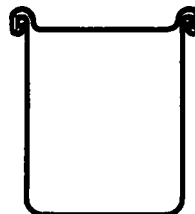


2.2 Construction.

2.2.1 Three-piece (built-up)—a can made from three main components: body, and top and bottom end.



2.2.2 Two-piece can—a can made from two main components: body with integral bottom, and top end.



2.3 Shape.

2.3.1 Cylindrical can—a straight-walled, necked-in, step-sided or beaded can in which the cross-section remains constant in dimensions from top to bottom, ignoring local variations caused by beading.

