

# Aluminium and aluminium alloys — Rolled products for cans, closures and lids — Specifications

The European Standard EN 541:1995 has the status of a  
British Standard

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# Committees responsible for this British Standard

The preparation of this British Standard was entrusted to Technical Committee NFE/35, Wrought aluminium and aluminium alloys, upon which the following bodies were represented:

- Aluminium Federation
- Aluminium Stockholders' Association
- London Metal Exchange
- Magnesium Industry Council
- Ministry of Defence

The following bodies were also represented in the drafting of the standard, through subcommittees and panels:

- Association of British Welded Aluminium Tube Makers
- Association of Light Alloy Refiners
- Institution of Structural Engineers
- Metal Packaging Manufacturers' Association

This British Standard, having been prepared under the direction of the Engineering Sector Board, was published under the authority of the Standards Board and comes into effect on 15 December 1995

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# National foreword

This British Standard has been prepared by Technical Committee NFE/35 and is the English language version of EN 541:1995 *Aluminium and aluminium alloys — Rolled products for cans, closures and lids — Specifications*, published by the European Committee for Standardization (CEN).

**Cross-references**

| Publication referred to | Corresponding British Standard                                                                                                                                                    |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| EN 515:1993             | BS EN 515:1993 <i>Aluminium and aluminium alloys — Wrought products — Temper designations</i>                                                                                     |
|                         | BS EN 573 <i>Aluminium and aluminium alloys — Chemical composition and form of wrought products</i>                                                                               |
| EN 573-1:1994           | Part 1:1993 <i>Numerical designation system</i>                                                                                                                                   |
| EN 573-3:1994           | Part 3:1994 <i>Chemical composition</i>                                                                                                                                           |
| EN 602:1994             | BS EN 602:1994 <i>Aluminium and aluminium alloys — Wrought products — Chemical composition of semi products used for the fabrication of articles for use in contact with food</i> |
|                         | BS EN 10002 <i>Tensile testing of metallic materials</i>                                                                                                                          |
| EN 10002-1:1990         | Part 1:1990 <i>Method of test at ambient temperature</i>                                                                                                                          |
| EN 10204:1991           | BS EN 10204:1991 <i>Metallic products. Types of inspection documents</i>                                                                                                          |

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**Summary of pages**

This document comprises a front cover, an inside front cover, pages i and ii, the EN title page, pages 2 to 18, an inside back cover and a back cover.

This standard has been updated (see copyright date) and may have had amendments incorporated. This will be indicated in the amendment table on the inside front cover.

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Descriptors: Rolled products, aluminium, aluminium alloys, boxes (containers), caps (containers), lids, inspection, delivery, mechanical properties, tension tests, dimensional tolerances, camber, surface condition, marking

English version

## Aluminium and aluminium alloys — Rolled products for cans, closures and lids — Specifications

Aluminium et alliages d'aluminium —  
Produits laminés pour boîtes, capsules rigides  
et couvercles — Specifications

Aluminium und Aluminiumlegierungen —  
Walzerzeugnisse für Dosen, Verschlüsse und  
Deckel — Spezifikationen

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# CEN

European Committee for Standardization  
Comité Européen de Normalisation  
Europäisches Komitee für Normung

**Central Secretariat: rue de Stassart 36, B-1050 Brussels**

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## Foreword

This European Standard has been prepared by the Technical Committee CEN/TC 132, Aluminium and aluminium alloys, the secretariat of which is held by AFNOR.

Annex A is normative and contains a list of aluminium and aluminium alloys, Annex B is normative and contains rules for rounding and the Annex C is informative and contains temper designations.

This European Standard shall be given the status of a National Standard, either by publication of an identical text or by endorsement, at the latest by August 1995, and conflicting national standards shall be withdrawn at the latest by August 1995.

According to the CEN/CENELEC Internal Regulations, the following countries are bound to implement this European Standard: Austria, Belgium, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland, United Kingdom.

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