

BRITISH STANDARD 1471 : 1972

UDC 669.71-462-124

SPECIFICATION FOR
WROUGHT ALUMINIUM
AND ALUMINIUM ALLOYS

DRAWN TUBE

Amendment No. 3
published and effective from 15 February 1995
to BS 1471 : 1972

Wrought aluminium and aluminium alloys
for general engineering purposes
Drawn tube

Revised text

List of reference standards (page 2) (as amended by Amendment No. 1).

Delete 'BS 18 Methods for testing of metals. Part 1. Non-ferrous metals'.

Immediately after the list of British Standards insert 'BS EN 515 : 1993 Aluminium and aluminium alloys — Wrought products — Temper designations'.

Immediately after the list of reference standards insert 'BS EN 10 002 Tensile testing of metallic materials. Part 1. Method of test at ambient temperature.

Contents.

Delete '**6 Condition**' and substitute '**6 Temper**'.

Under the heading 'Appendices'
delete 'B. The annealing and heat treatment of wrought aluminium and its alloys'.

Foreword (as amended by Amendment No. 1). In paragraph 3, line 4, delete text after 'was practicable' to the end of the paragraph.

Delete the text of the final paragraph entirely.

Clause 6. Condition. Delete the existing clause, including its heading, entirely and substitute the following.

'6. Temper. The material shall be supplied to a temper in accordance with BS EN 515 as specified by the purchaser and selected from table 2.'

Clause 8.2 Tubes of heat-treatable aluminium alloys. Delete all occurrences of TB and TF and substitute 'T4' and 'T6' respectively.

Clause 9.1 Tensile test. In line 2, delete 'BS 18, Part 1.' and substitute 'BS EN 10 002-1'.

Clause 9.2 0.2% Proofstress. In line 2, delete 'BS 18, Part 1' and substitute 'BS EN 10 002-1'.

Table 2. Chemical composition and mechanical properties of aluminium and aluminium alloy drawn tube (as amended by Amendment No. 2).

Delete the existing column headed 'condition' and substitute the following.

Temper
OII H14 H18
OII H14 H18
O H12, H22, H32
O H14, H24, H34
O H14, H24, H34
T4 T6
H14, T4, T6
O T4 T6
T4 T6

Appendix B. The annealing and heat treatment of wrought aluminium and its alloys. Delete the existing appendix entirely.

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Incorporating amendments issued June 1980 (AMD 3372)
and February 1984 (AMD 4475)

THIS BRITISH STANDARD, having been approved by the Non-ferrous Metals Industry Standards Committee, was published under the authority of the Executive Board on 15 March, 1972.

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Second revision, September, 1963.

Third revision, August, 1969.

Fourth revision, March, 1972.

SBN: 580 07140 5

The Institution desires to call attention to the fact that this British Standard does not purport to include all the necessary provisions of a contract.

A complete list of British Standards, numbering over 9,000, fully indexed and with a note of the contents of each, will be found in the BSI Catalogue which may be purchased from BSI Sales Department. The Catalogue may be consulted in many public libraries and similar institutions.

This standard makes reference to the following British Standards:

- BS 18. Methods for tensile testing of metals. Part 1. Non-ferrous metals.
- BS 1499. Sampling non-ferrous metals.
- BS 1728. Methods for the analysis of aluminium and aluminium alloys.
- BS 3660. Glossary of terms used in the wrought aluminium industry.

British Standards are revised, when necessary, by the issue either of amendment slips or of revised editions. It is important that users of British Standards should ascertain that they are in possession of the latest amendments or editions.

The following BSI references relate to the work on this standard:
Committee reference NFE/19 Draft for approval 70/30839

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