

Aluminium and aluminium alloys — Extruded rod/bar, tube and profiles —

Part 5: Rectangular bars, tolerances on dimensions and form

The European Standard EN 755-5:1995 has the status of a
British Standard

ICS 77.120.10; 77.140.90

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Committees responsible for this British Standard

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

- Aluminium Federation
- Aluminium Stockholder’s Association
- London Metal Exchange
- Magnesium Industry Council

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 Limited
- Institution of Structural Engineers
- Metal Packaging Manufacturer’s 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 June 1996

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National foreword

This Part of BS EN 755 has been prepared by Technical Committee NFE/35 and is the English language version of EN 755-5:1995 *Aluminium and aluminium alloys — Extruded rod/bar, tube and profiles — Part 5: Rectangular bars, tolerances on dimensions and form*.

This Part of BS EN 755 is published with:

BS EN 755, *Aluminium and aluminium alloys — Extruded rod/bar, tube and profiles*.

BS EN 755-3, *Round bars, tolerances on dimensions and form*.

BS EN 755-4, *Square bars, tolerances on dimensions and form*.

BS EN 755-6, *Hexagonal bars, tolerances on dimensions and form*.

BS EN 754, *Aluminium and aluminium alloys — Cold drawn rod/bar and tube*.

BS EN 754-3, *Round bars, tolerances on dimensions and form*.

BS EN 754-4, *Square bars, tolerances on dimensions and form*.

BS EN 754-5, *Rectangular bars, tolerances on dimensions and form*.

BS EN 754-6, *Hexagonal bars, tolerances on dimensions and form*.

As a result, the following standards are partially superseded by those listed above. The European standards should be used in preference whenever possible.

BS 1474:1987, *Specification for wrought aluminium and aluminium alloys for general engineering purposes — Bars, extruded round tubes and sections*.

BS 4300, *Wrought aluminium alloys for general engineering purposes (supplementary series)*:

BS 4300-4:1973, *6463 Solid extruded bars and sections suitable for bright trim/reflector applications*.

BS 4300-5:1973, *2011 Free cutting bar and wire*.

BS 4300-12:1969, *5454 Bar, extruded round tube and sections*.

BS 4300-15:1973, *7020 Bar, extruded round tube and sections*.

BS 2898:1970, *Specification for wrought aluminium and aluminium alloys for electrical purposes — Bars, extruded round tube and sections*.

When the following European Standards are published the above British Standards will be withdrawn.

BS EN 755, *Aluminium and aluminium alloys — Extruded rod/bar, tube and profiles*.

BS EN 755-1, *Technical conditions for inspection and delivery*.

BS EN 755-2, *Mechanical properties*.

BS EN 754, *Aluminium and aluminium alloys — Cold drawn rod/bar and tube*.

BS EN 754-1, *Technical conditions for inspection and delivery*.

BS EN 754-2, *Mechanical properties*.

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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 8, 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.

ICS 77.140.90

Descriptors: Extruded products, rolled products, aluminium, aluminium alloys, metal bars, flat bars, dimensions, dimensional tolerances, form tolerances

English version

Aluminium and aluminium alloys — Extruded rod/bar, tube and profiles — Part 5: Rectangular bars, tolerances on dimensions and form

Aluminium et alliages d'aluminium — Barres, tubes et profilés filés —
Partie 5: Barres rectangulaires, tolérances sur dimensions et forme

Aluminium und Aluminiumlegierungen —
Stranggepreßte Stangen, Rohre und Profile —
Teil 5: Rechteckstangen, Grenzabmaße und Formtoleranzen

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