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**Wrought aluminium and aluminium alloy  
extruded rods/bars, tubes and profiles —**

**Part 3:  
Extruded rectangular bars — Tolerances on  
shape and dimensions**

*Barres, tubes et profilés filés en aluminium et alliages d'aluminium  
corroyés —*

*Partie 3: Barres rectangulaires filées — Tolérances sur dimensions et  
forme*



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## Foreword

ISO (the International Organization for Standardization) is a worldwide federation of national standards bodies (ISO member bodies). The work of preparing International Standards is normally carried out through ISO technical committees. Each member body interested in a subject for which a technical committee has been established has the right to be represented on that committee. International organizations, governmental and non-governmental, in liaison with ISO, also take part in the work. ISO collaborates closely with the International Electrotechnical Commission (IEC) on all matters of electrotechnical standardization.

International Standards are drafted in accordance with the rules given in the ISO/IEC Directives, Part 3.

Draft International Standards adopted by the technical committees are circulated to the member bodies for voting. Publication as an International Standard requires approval by at least 75 % of the member bodies casting a vote.

Attention is drawn to the possibility that some of the elements of this part of ISO 6362 may be the subject of patent rights. ISO shall not be held responsible for identifying any or all such patent rights.

International Standard ISO 6362-3 was prepared by Technical Committee ISO/TC 79, *Light metals and their alloys*, Subcommittee SC 6, *Wrought aluminium and aluminium alloys*.

This second edition cancels and replaces the first edition (ISO 6362-3:1990), which has been technically revised.

ISO 6362 consists of the following parts, under the general title *Wrought aluminium and aluminium alloy extruded rods/bars, tubes and profiles*:

- *Part 1: Technical conditions for inspection and delivery*
- *Part 2: Mechanical properties*
- *Part 3: Extruded rectangular bars — Tolerances on shape and dimensions*
- *Part 4: Extruded profiles — Tolerances on shape and dimensions*
- *Part 5: Extruded round, square and hexagonal bars — Tolerances on shape and dimensions*

Annex A of this part of ISO 6362 is for information only.

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# Wrought aluminium and aluminium alloy extruded rods/bars, tubes and profiles —

Part 3:

## Extruded rectangular bars — Tolerances on shape and dimensions

### 1 Scope

This part of ISO 6362 specifies the tolerances on dimensions and shape of wrought aluminium and aluminium alloy extruded rectangular bars, having thicknesses in the range from 2 mm up to and including 240 mm and widths in the range from 10 mm up to and including 600 mm.

For rectangular bars, the technical conditions for inspection and delivery and the mechanical properties are as specified in ISO 6362-1 and ISO 6362-2.

### 2 Normative references

The following normative documents contain provisions which, through reference in this text, constitute provisions of this part of ISO 6362. For dated references, subsequent amendments to, or revisions of, any of these publications do not apply. However, parties to agreements based on this part of ISO 6362 are encouraged to investigate the possibility of applying the most recent editions of the normative documents indicated below. For undated references, the latest edition of the normative document referred to applies. Members of ISO and IEC maintain registers of currently valid International Standards.

ISO 6362-1:1986, *Wrought aluminium and aluminium alloy extruded rods/bars, tubes and profiles — Part 1: Technical conditions for inspection and delivery.*

ISO 6362-2:1990, *Wrought aluminium and aluminium alloy extruded rods/bars, tubes and profiles — Part 2: Mechanical properties.*

### 3 Materials

For the purposes of this part of ISO 6362, wrought aluminium and aluminium alloys are divided into two groups which correspond to varying difficulty when manufacturing the products.

The division into Group I and Group II of the most commonly used general engineering alloys is specified in annex A.