

Alumiinium ja alumiiniumisulamid. Deformeeritavate toodete keemiline koostis ja kuju. Osa 1: Numbertähistussüsteem

Aluminium and aluminium alloys - Chemical composition and form of wrought products - Part 1: Numerical designation system

EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

Käesolev Eesti standard EVS-EN 573-1:2000 sisaldab Euroopa standardi EN 573-1:1994 ingliskeelset teksti.

Standard on kinnitatud Eesti Standardikeskuse 11.01.2000 käskkirjaga ja jõustub sellekohase teate avaldamisel EVS Teatajas.

Standard on kättesaadav Eesti standardiorganisatsioonist.

This Estonian standard EVS-EN 573-1:2000 consists of the English text of the European standard EN 573-1:1994.

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The standard is available from Estonian standardisation organisation.

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English version

**Aluminium and aluminium alloys - Chemical
composition and form of wrought products - Part
1: Numerical designation system**

Aluminium et alliages d'aluminium - Composition
chimique et forme des produits corroyés -
Partie 1: Système de désignation numérique

Aluminium und Aluminiumlegierungen - Chemische
Zusammensetzung und Form von Halbzeug - Teil 1:
Numerische Bezeichnungssysteme

This European Standard was approved by CEN on 1994-08-17. CEN members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this European Standard the status of a national standard without any alteration.

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CEN

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

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Foreword

This European Standard has been drawn up by CEN/TC 132 "Aluminium and aluminium alloys", whose Secretariat is held by the Association Française de Normalisation (AFNOR).

Within its programme of work, Technical Committee CEN/TC 132 has been entrusted to prepare the following standard :

EN 573-1 Aluminium and aluminium alloys - Chemical composition and form of wrought products - Part 1 : Numerical designation system.

This standard is part of a set of four standards. The other standards deal with :

EN 573-2 Aluminium and aluminium alloys - Chemical composition and form of wrought products - Part 2 : Chemical symbol based designation system.

EN 573-3 Aluminium and aluminium alloys - Chemical composition and form of wrought products - Part 3 : Chemical composition.

EN 573-4 Aluminium and aluminium alloys - Chemical composition and form of wrought products - Part 4 : Forms of products.

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 February 1995, and conflicting national standards shall be withdrawn at the latest by February 1995.

In accordance with the CEN/CENELEC Internal Regulations, 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 and United Kingdom.

1 Scope

This Part of EN 573 describes a four-figure numerical system for designating wrought aluminium and aluminium alloys. It is in accordance with the Recommendation dated December 15, 1970 for an International Designation System for Wrought Aluminium and Wrought Aluminium Alloys issued by the Aluminum Association, Washington DC 20006, USA.

This standard applies to wrought products and to ingots intended to be wrought.

2 Basis of coding

The designation is constituted successively by :

- the prefix EN followed by a blank space ;
- the letter A representing aluminium ;
- the letter W representing wrought products ;
- a hyphen ;
- four figures representing the chemical composition ;
- if required, a letter identifying a national variation.

EXAMPLES : EN AW-5052
 EN AW-5154A

3 Four figure designation system

3.1 Alloy groups

The first of the four figures in the designation indicates the alloy group as follows :

- Aluminium 99,00 % minimum and greater..... 1xxx (1000 series) ;
- Aluminium alloys grouped by major alloying elements.....
 - Copper 2xxx (2000 series) ;
 - Manganese 3xxx (3000 series) ;
 - Silicon 4xxx (4000 series) ;
 - Magnesium 5xxx (5000 series) ;
 - Magnesium and Silicon 6xxx (6000 series) ;
 - Zinc 7xxx (7000 series) ;