

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

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Numerical designation system

EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

<p>Käesolev Eesti standard EVS-EN 573-1:2005 sisaldab Euroopa standardi EN 573-1:2004 ingliskeelset teksti.</p> <p>Käesolev dokument on jõustatud 25.01.2005 ja selle kohta on avaldatud teade Eesti standardiorganisatsiooni ametlikus väljaandes.</p> <p>Standard on kättesaadav Eesti standardiorganisatsioonist.</p>	<p>This Estonian standard EVS-EN 573-1:2005 consists of the English text of the European standard EN 573-1:2004.</p> <p>This document is endorsed on 25.01.2005 with the notification being published in the official publication of the Estonian national standardisation organisation.</p> <p>The standard is available from Estonian standardisation organisation.</p>
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<p>Käsitlusala: This European Standard specifies a European designation system of wrought aluminium and aluminium alloys, based on an international designation system, and the procedure to obtain such international designation.</p>	<p>Scope: This European Standard specifies a European designation system of wrought aluminium and aluminium alloys, based on an international designation system, and the procedure to obtain such international designation.</p>
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ICS 77.120.10, 77.150.10

Võtmesõnad:

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: Numerisches Bezeichnungssystem

This European Standard was approved by CEN on 26 August 2004.

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. Up-to-date lists and bibliographical references concerning such national standards may be obtained on application to the Central Secretariat or to any CEN member.

This European Standard exists in three official versions (English, French, German). A version in any other language made by translation under the responsibility of a CEN member into its own language and notified to the Central Secretariat has the same status as the official versions.

CEN members are the national standards bodies of Austria, Belgium, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Slovakia, Slovenia, Spain, Sweden, Switzerland and United Kingdom.



EUROPEAN COMMITTEE FOR STANDARDIZATION
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Foreword

This document (EN 573-1:2004) has been prepared by Technical Committee CEN/TC 132 "Aluminium and aluminium alloys", the secretariat of which is held by AFNOR.

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 May 2005, and conflicting national standards shall be withdrawn at the latest by May 2005.

This document supersedes EN 573-1:1994. It contains only minor modifications which clarify its technical content without modifying it.

This standard is part of set of five 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.*

prEN 573-5, *Aluminium and aluminium alloys – Chemical composition and form of wrought products – Part 5: Codification of standardized wrought products.*

The wording has been clarified in accordance with the "International Alloy Designations and Chemical Composition Limits for Wrought Aluminum and Wrought Aluminum Alloys".

According to the CEN/CENELEC Internal Regulations, the national standards organizations of the following countries are bound to implement this European Standard: Austria, Belgium, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Slovakia, Slovenia, Spain, Sweden, Switzerland and United Kingdom.

1 Scope

This document specifies a European designation system of wrought aluminium and aluminium alloys, based on an international designation system, and the procedure to obtain such international designation.

It is in accordance with the "Recommendation" dated December 15, 1970, as revised in March 2002, for an International Designation System for Wrought Aluminum and Wrought Aluminum Alloys issued by the Aluminum Association, Washington DC 20006, USA.

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

2 International registration procedure

All requests for international registration shall be submitted to The Aluminum Association by a signatory of the Declaration of Accord. The organization that requests an alloy designation shall therefore comply with the terms of the Declaration of Accord, as stated in the so called "Teal Sheets" edited by The Aluminum Association.

3 Basis for European designation

The designation is constituted successively by:

- prefix EN followed by a blank space;
- letter A representing aluminium;
- letter W representing wrought products;
- a hyphen;
- an international designation consisting of four digits, representing the chemical composition and, if required, a letter identifying a national variation; this designation is attributed by the Aluminum Association via the international registration procedure.

EXAMPLES EN AW-5052
 EN AW-5154A