

SVENSK STANDARD

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Aluminium och aluminiumlegeringar – Dragen tråd – Del 1: Tekniska leveransbestämmelser

Aluminium and aluminium alloys – Drawn wire – Part 1: Technical conditions for inspection and delivery



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Denna standard ersätter SS-EN 1301-1, utgåva 1.

The European Standard EN 1301-1:2008 has the status of a Swedish Standard. This document contains the official English version of EN 1301-1:2008.

This standard supersedes the Swedish Standard SS-SS-EN 1301-1, edition 1.

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EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

EN 1301-1

September 2008

ICS 77.150.10

Supersedes EN 1301-1:1997

English Version

Aluminium and aluminium alloys - Drawn wire - Part 1: Technical conditions for inspection and delivery

Aluminium et alliages d'aluminium - Fil étiré - Partie 1 :
Conditions techniques de contrôle et de livraison

Aluminium und Aluminiumlegierungen - Gezogene Drähte -
Teil 1: Technische Lieferbedingungen

This European Standard was approved by CEN on 16 August 2008.

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 CEN Management Centre 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 CEN Management Centre has the same status as the official versions.

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EUROPEAN COMMITTEE FOR STANDARDIZATION
COMITÉ EUROPÉEN DE NORMALISATION
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Foreword

This document (EN 1301-1:2008) 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of an identical text or by endorsement, at the latest by March 2009, and conflicting national standards shall be withdrawn at the latest by March 2009.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CEN [and/or CENELEC] shall not be held responsible for identifying any or all such patent rights.

CEN/TC 132 affirms it is its policy that in the case when a patentee refuses to grant licences on standardised standard products under reasonable and not discriminatory conditions, then this product shall be removed from the corresponding standard.

This document supersedes EN 1301-1:1997.

Within its programme of work, Technical Committee CEN/TC 132 entrusted CEN/TC 132/WG 4 "Wires and drawing stock" to revise EN 1301-1:1997.

Besides editorial adjustments in the text and update of normative references the following changes have been made:

- Foreword : amended;
- Clause 2: EN 12258-1:1998 and EN 14361 added;
- Clause 3: subclauses 3.1 to 3.9 deleted and replaced by reference to EN 12258-1:1998;
- Clause 6: subclauses 6.1.2 and 6.1.3 modified;
- Clause 7: completely revised.

EN 1301 comprises the following parts under the general title: "Aluminium and aluminium alloys – Drawn wire":

- *Part 1: Technical conditions for inspection and delivery*
- *Part 2 : Mechanical properties*
- *Part 3 : Tolerances on dimensions*

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

SS-EN 1301-1:2008 (E)**1 Scope**

This document specifies the technical conditions for inspection and delivery of aluminium and aluminium alloy drawn wire for general engineering applications.

It does not apply for aeronautical application.

It applies to drawn wires, except for electrical or welding purposes.

It does not apply to drawing stock.

2 Normative references

The following referenced documents are indispensable for the application of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

EN 515, *Aluminium and aluminium alloys — Wrought products — Temper designations*

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

EN 1301-2, *Aluminium and aluminium alloys — Drawn wire — Part 2: Mechanical properties*

EN 1301-3, *Aluminium and aluminium alloys — Drawn wire — Part 3: Tolerances on dimensions*

EN 10002-1, *Metallic materials — Tensile testing — Part 1: Method of test at ambient temperature*

EN 10204, *Metallic products — Types of inspection documents*

EN 12258-1:1998, *Aluminium and aluminium alloys — Terms and definitions — Part 1: General terms*

EN 14361, *Aluminium and aluminium alloys — Chemical analysis — Sampling from metal melts*

3 Terms and definitions

For the purposes of this document, the terms and definitions given in EN 12258-1:1998 apply.

4 Ordering information

The order shall define the product required and shall contain the following information:

- a) form and type of product:
 - 1) form of the product (round wire, rectangular wire, etc.);
 - 2) designation of the aluminium or aluminium alloy in accordance with EN 573-3;
- b) temper of the material for delivery (degree of hardness or heat-treatment condition), and, if different, the temper of use in accordance with EN 515;
- c) number of this European Standard or a specification number or, otherwise, the properties agreed between manufacturer and purchaser;