ICS 77.150.10 SLOVENSKÁ TECHNICKÁ NORMA Október 2014

STN	**Hliník a zliatiny hliníka. Kotúče a prírezy na kotúče na všeobecné použitie. Špecifikácia.**	**STN EN 941** 42 1423

Aluminium and aluminium alloys - Circle and circle stock for the production of general applications - Specifications

Táto norma obsahuje anglickú verziu európskej normy.
This standard includes the English version of the European Standard.

Táto norma bola oznámená vo Vestníku ÚNMS SR č. 09/14

Obsahuje: EN 941:2014

Oznámením tejto normy sa ruší
STN EN 941 (42 1423) zo septembra 2001

119457

EUROPEAN STANDARD

NORME EUROPÉENNE

EUROPÄISCHE NORM

EN 941

April 2014

ICS 77.150.10

Supersedes EN 941:1995

English Version

Aluminium and aluminium alloys - Circle and circle stock for the production of general applications - Specifications

Aluminium et alliages d'aluminium - Disques et ébauches pour disques pour applications générales - Spécifications

Aluminium und Aluminiumlegierungen - Ronden und Rondenvormaterial für allgemeine Anwendungen - Spezifikationen

This European Standard was approved by CEN on 13 March 2014.

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-CENELEC 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-CENELEC Management Centre has the same status as the official versions.

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EUROPEAN COMMITTEE FOR STANDARDIZATION
COMITÉ EUROPÉEN DE NORMALISATION
EUROPÄISCHES KOMITEE FÜR NORMUNG

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Ref. No. EN 941:2014 E

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Foreword

This document (EN 941:2014) 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of an identical text or by endorsement, at the latest by October 2014 and conflicting national standards shall be withdrawn at the latest by October 2014.

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.

This document supersedes EN 941:1995.

With regard the previous version, Clause 2 Normative references was updated; no new alloys were added.

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, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, Former Yugoslav Republic of Macedonia, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and the United Kingdom.

1 Scope

This European Standard specifies the particular requirements for wrought aluminium and aluminium alloys in the form of circle or circle stock for general applications.

It applies to:

— Circles made out of hot or cold rolled circles stock by:

  — Blanking: thickness 0,2 mm up to including 12 mm and with a diameter up to 1 000 mm;

  — Sawing or shearing: thickness 0,2 mm up to and including 200 mm with a diameter up to 3 500 mm;

— Hot or cold rolled circle stock with a thickness from 0,2 mm up to and including 200 mm and with a width up to 3 500 mm.

It does not apply to slugs for impact extrusions or to circle and circle stock for culinary utensils applications which are dealt with in other European Standards.

2 Normative references

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

EN 485-1:2008+A1:2009, *Aluminium and aluminium alloys - Sheet, strip, and plate - Part 1: Technical conditions for inspection and delivery*

EN 485-2, *Aluminium and aluminium alloys - Sheet, strip and plate - Part 2: Mechanical properties*

EN 485-3:2003, *Aluminium and aluminium alloys - Sheet, strip and plate - Part 3: Tolerances on dimensions and form for hot-rolled products*

EN 485-4:1993, *Aluminium and aluminium alloys - Sheet, strip and plate - Part 4: Tolerances on shape and dimensions for cold-rolled products*