



SLOVENSKI STANDARD
kSIST FprEN 851:2014

01-februar-2014

Aluminij in aluminijeve zlitine - Rondele in polizdelki za izdelavo jedilnih pripomočkov in posode - Specifikacije

Aluminium and aluminium alloys - Circle and circle stock for the production of culinary utensils - Specifications

Aluminium und Aluminiumlegierungen - Ronden und Rondenvormaterial zur Herstellung von Küchengerätschaften - Spezifikationen

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

Ta slovenski standard je istoveten z: FprEN 851

ICS:

77.150.10 Alumijski izdelki Aluminium products

kSIST FprEN 851:2014 **en,fr,de**

EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

FINAL DRAFT
FprEN 851

September 2013

ICS 77.150.10

Will supersede EN 851:1995

English Version

Aluminium and aluminium alloys - Circle and circle stock for the production of culinary utensils - Specifications

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

Aluminium und Aluminiumlegierungen - Ronden und Rondenvormaterial zur Herstellung von Küchengerät - Spezifikationen

This draft European Standard is submitted to CEN members for unique acceptance procedure. It has been drawn up by the Technical Committee CEN/TC 132.

If this draft becomes a European Standard, 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.

This draft European Standard was established by CEN 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.

CEN members are the national standards bodies of 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 United Kingdom.

Recipients of this draft are invited to submit, with their comments, notification of any relevant patent rights of which they are aware and to provide supporting documentation.

Warning : This document is not a European Standard. It is distributed for review and comments. It is subject to change without notice and shall not be referred to as a European Standard.



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

Management Centre: Avenue Marnix 17, B-1000 Brussels

Contents

Page

Foreword.....	3
1 Scope.....	4
2 Normative references.....	4
3 Terms and definitions	4
4 Technical conditions for inspection and delivery.....	5
4.1 General	5
4.2 Orders or tenders	5
5 Mechanical properties.....	6
5.1 General	6
5.2 Earing	6
6 Tolerances on dimensions and form.....	6
6.1 General	6
6.2 Diameter	6
6.3 Thickness	7
6.4 Tolerances on flatness for circle.....	7
6.5 Edge burr tolerances for circle.....	7
7 Other requirements	7
Bibliography.....	12

Foreword

This document (FprEN 851:2013) has been prepared by Technical Committee CEN/TC 132 “Aluminium and aluminium alloys”, the secretariat of which is held by AFNOR.

This document is currently submitted to the Unique Acceptance Procedure.

This document will supersede EN 851:1995.

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

FprEN 851:2013 (E)

1 Scope

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

This standard is applicable to:

- Circles made out of hot or cold rolled circles stock, with a thickness from 0,2 mm up to and including 12 mm and with a diameter from 100 mm up to and including 1 600 mm.

NOTE Circles with a diameter up to 1 000 mm may be produced by blanking.

- Hot or cold-rolled circle stock with a thickness from 2 mm up to and including 12 mm and with a width up to 1 600 mm.

This European Standard is not applicable to slugs for impact extrusions 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, *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, *Aluminium and aluminium alloys – Sheet, strip and plate – Part 3: Tolerances on dimensions and form for hot rolled products*

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

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

EN 602, *Aluminium and aluminium alloys – Wrought products – Chemical composition of semi-finished products used for the fabrication of articles for use in contact with foodstuff*

3 Terms and definitions

For the purposes of this document, the following terms and definitions apply.

- 3.1**
circle
circular flat product obtained by circular sawing or shearing, or by blanking of a flat rolled product with a uniform thickness over 0,20 mm