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**Aeronavtika - Trakovi iz hladno valjenega jekla - Debelina  $0,1 \text{ mm} \leq a \leq 3 \text{ mm}$  - Mere**

Aerospace series - Strips, cold rolled in steel - Thickness  $0,1 \text{ mm} \leq a \leq 2,5 \text{ mm}$  - Dimensions

Luft- und Raumfahrt - Bänder, kaltgewalzt aus Stahl, Dicken  $0,1 \text{ mm} \leq a \leq 2,5 \text{ mm}$  - Maße

Série aérospatiale - Bandes, laminées à froid en acier, Epaisseurs  $0,1 \text{ mm} \leq a \leq 2,5 \text{ mm}$  - Dimensions

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Steels

**SIST EN 2033:2017**

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EUROPEAN STANDARD  
NORME EUROPÉENNE  
EUROPÄISCHE NORM

**EN 2033**

March 2017

ICS 49.025.10

English Version

**Aerospace series - Strips, cold rolled in steel, Thickness 0,1  
mm  $\leq a \leq 2,5$  mm - Dimensions**

Série aéronautique - Bandes, laminées à froid en acier,  
Épaisseurs 0,1 mm  $\leq a \leq 2,5$  mm - Dimensions

Luft- und Raumfahrt - Bänder, kaltgewalzt aus Stahl,  
Dicken 0,1 mm  $\leq a \leq 2,5$  mm - Maße

This European Standard was approved by CEN on 21 November 2016.

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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.

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, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and United Kingdom.

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

**CEN-CENELEC Management Centre: Avenue Marnix 17, B-1000 Brussels**

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## European foreword

This document (EN 2033:2017) has been prepared by the Aerospace and Defence Industries Association of Europe - Standardization (ASD-STAN).

After enquiries and votes carried out in accordance with the rules of this Association, this Standard has received the approval of the National Associations and the Official Services of the member countries of ASD, prior to its presentation to CEN.

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 September 2017, and conflicting national standards shall be withdrawn at the latest by September 2017.

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.

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, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and the United Kingdom.

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## Introduction

This European Standard is part of the series of EN metallic material standards for aerospace applications. The general organization of this series is described in EN 4258.

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## 1 Scope

This European Standard specifies the dimensions and tolerances of:

Strips, cold rolled

in steel

Thickness  $0,1 \text{ mm} \leq a \leq 2,5 \text{ mm}$

for aerospace applications.

## 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 4258, *Aerospace series — Metallic materials — General organization of standardization — Links between types of EN standards and their use*

## 3 Form

See Figure 1.



#### 4 Recommended dimensions and mass

See Table 1.

**Table 1**

Nominal <i>a</i> mm	Mass per unit area <sup>a</sup>  kg/m <sup>2</sup>
0,1	0,8
0,2	1,6
0,3	2,4
0,4	3,1
0,5	3,9
0,6	4,7
0,7	5,5
0,8	6,3
0,9	7,1
1,0	7,9
1,2	9,4
1,4	11,0
1,6	12,6
1,8	14,1
2,0	15,7
2,5	19,6
<sup>a</sup> For information, calculated with a density of 7,85 kg/dm <sup>3</sup> .	