

**Aerospace series – Plates in titanium and  
titanium alloys – Thickness  $6 \text{ mm} < a \leq 100 \text{ mm}$  –  
Dimensions**

Europastandarden EN 2617:2001 gäller som svensk standard. Detta dokument innehåller den officiella engelska versionen av EN 2617:2001.

The European Standard EN 2617:2001 has the status of a Swedish Standard. This document contains the official English version of EN 2617:2001.

Dokumentet består av 7 sidor.

Upplysningar om **sakinnehållet** i standarden lämnas av SIS, Swedish Standards Institute, tel 08 - 555 520 00.

Standarder kan beställas hos SIS Förlag AB som även lämnar **allmänna upplysningar** om svensk och utländsk standard.

*Postadress:* SIS Förlag AB, 118 80 STOCKHOLM

*Telefon:* 08 - 555 523 10. *Telefax:* 08 - 555 523 11

*E-post:* [sis.sales@sis.se](mailto:sis.sales@sis.se). *Internet:* [www.sisforlag.se](http://www.sisforlag.se)

EUROPEAN STANDARD  
NORME EUROPÉENNE  
EUROPÄISCHE NORM

**EN 2617**

September 2001

---

ICS 49.025.30

English version

**Aerospace series - Plates in titanium and titanium alloys -  
Thickness  $6 \text{ mm} < a \leq 100 \text{ mm}$  - Dimensions**

Série aérospatiale - Plaques en titane et alliages de titane -  
Epaisseurs  $6 \text{ mm} < a \leq 100 \text{ mm}$  - Dimensions

Luft- und Raumfahrt - Platten aus Titan und  
Titanlegierungen - Dicken  $6 \text{ mm} < a \leq 100 \text{ mm}$  - Maße

This European Standard was approved by CEN on 2 May 2001.

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 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 Management Centre has the same status as the official versions.

CEN members are the national standards bodies of Austria, Belgium, Czech Republic, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and United Kingdom.



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

**Management Centre: rue de Stassart, 36 B-1050 Brussels**

## Foreword

This European Standard has been prepared by the European Association of Aerospace Manufacturers (AECMA).

After inquiries 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 AECMA, 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 March 2002, and conflicting national standards shall be withdrawn at the latest by March 2002.

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

## 0 Introduction

This 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.

## 1 Scope

This standard specifies the dimensions and tolerances of:

Plates  
in titanium and titanium alloys  
Thickness  $6 \text{ mm} < a \leq 100 \text{ mm}$

for aerospace applications.

## 2 Normative references

This European Standard incorporates by dated or undated reference provisions from other publications. These normative references are cited at the appropriate places in the text and the publications are listed hereafter. For dated references, subsequent amendments to or revisions of any of these publications apply to this European Standard only when incorporated in it by amendment or revision. For undated references the latest edition of the publication referred to applies.

EN 3848 Aerospace series - Semi-finished metallic products - Method of measuring form deviations

EN 4258 Aerospace series - Metallic materials - General organization of standardization - Links between types of EN standards and their use

## 3 Form

See figure 1.

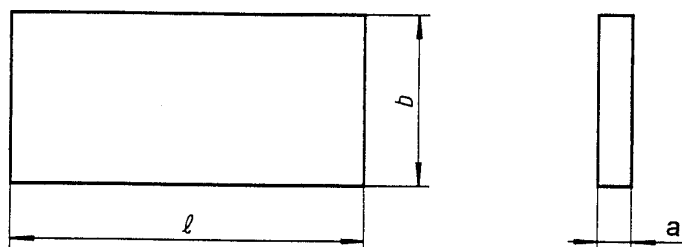


Figure 1

## 4 Recommended dimensions and mass

See table 1.

**Table 1**

Nominal <i>a</i> mm	Typical format <i>b</i> × <i>l</i> mm × mm	Mass per unit area <sup>a</sup> kg/m <sup>2</sup>
7	1 000 × 2 000	31,5
8	1 000 × 2 000	36
10	1 000 × 2 000	45
12	1 000 × 2 000	54
14	1 000 × 2 000	63
16	1 000 × 2 000	72
20	1 000 × 2 000	90
25	1 000 × 2 000	112,5
30	1 000 × 2 000	135
32	1 000 × 2 000	144
35	1 000 × 2 000	157,5
40	1 000 × 2 000	180
45	1 000 × 2 000	202,5
50	1 000 × 2 000	225
55	1 000 × 2 000	247,5
60	1 000 × 2 000	270
63	1 000 × 2 000	283,5
70	1 000 × 2 000	315
80	1 000 × 2 000	360
90	1 000 × 2 000	405
100	1 000 × 2 000	450

<sup>a</sup> For information, calculated with a density of 4,5 kg/dm<sup>3</sup>

## 5 Tolerances

### 5.1 Dimensional tolerances

#### 5.1.1 Thickness

See table 2.

Measurements shall be taken between 10 mm and 75 mm from the edge.

**Table 2**

Dimensions in millimetres

Thickness	Tolerances
$6 < a \leq 30$	+ 2 0
$30 < a \leq 100$	+ 3 0