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**Aerospace series - Titanium alloy TI-P64001 (Ti-6Al-4V) -
Annealed - Sheet and strip, hot rolled - $a \leq 6$ mm**

EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

Käesolev Eesti standard EVS-EN 3456:2009 sisaldab Euroopa standardi EN 3456:2009 ingliskeelset teksti.

Standard on kinnitatud Eesti Standardikeskuse 31.12.2009 käskkirjaga ja jõustub sellekohase teate avaldamisel EVS Teatajas.

Euroopa standardimisorganisatsioonide poolt rahvuslikele liikmetele Euroopa standardi teksti kättesaadavaks tegemise kuupäev on 28.10.2009.

Standard on kättesaadav Eesti standardiorganisatsioonist.

This Estonian standard EVS-EN 3456:2009 consists of the English text of the European standard EN 3456:2009.

This standard is ratified with the order of Estonian Centre for Standardisation dated 31.12.2009 and is endorsed with the notification published in the official bulletin of the Estonian national standardisation organisation.

Date of Availability of the European standard text 28.10.2009.

The standard is available from Estonian standardisation organisation.

ICS 49.025.30

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English Version

**Aerospace series - Titanium alloy TI-P64001 (Ti-6Al-4V) -
Annealed - Sheet and strip, hot rolled - $a \leq 6$ mm**

Série aérospatiale - Alliage de titane TI-P64001 (Ti-6Al-4V)
- Recuit - Tôles et bandes, laminées à chaud - $a \leq 6$ mm

Luft- und Raumfahrt - Titanlegierung TI-P64001 (Ti-6Al-4V)
- Geglüht - Bleche und Bänder, warmgewalzt - $a \leq 6$ mm

This European Standard was approved by CEN on 5 October 2009.

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
EUROPÄISCHES KOMITEE FÜR NORMUNG

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Foreword

This document (EN 3456:2009) 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 April 2010, and conflicting national standards shall be withdrawn at the latest by April 2010.

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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.

This standard has been prepared in accordance with EN 4500-4.

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1 Scope

This European Standard specifies the requirements relating to:

Titanium alloy TI-P64001 (Ti-6Al-4V)
Annealed
Sheet and strip, hot rolled
 $a \leq 6 \text{ mm}$

for aerospace applications.

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 2338, *Aerospace series — Sheets, hot rolled in titanium and titanium alloys — Thickness $0,8 \text{ mm} \leq a \leq 6 \text{ mm}$ — Dimensions*

EN 3114-004, *Aerospace series — Test method — Microstructure of $(\alpha + \beta)$ titanium alloy wrought products — Part 004 : Microstructure of sheet for superplastic forming*

EN 4800-001, *Aerospace series — Titanium and titanium alloys — Technical specification — Part 001: Plate, sheet and strip¹⁾*

EN ISO 643, *Steels — Micrographic determination of the apparent grain size (ISO 643:2003)*

1) Published as ASD Prestandard at the date of publication of this standard.