erospace series - Titanium alloy TI-P640L
Annealed - Bartor machining - D < 110 mm



FESTI STANDARDI FESSÕNA

NATIONAL FOREWORD

Käesolev Eesti standard EVS-EN 3311:2009 sisaldab Euroopa standardi EN 3311:2009 ingliskeelset teksti.

Standard on kinnitatud Eesti Standardikeskuse 30.10.2009 käskkirjaga ja jõustub sellekohase teate avaldamisel EVS Teatajas.

Euroopa standardimisorganisatsioonide poolt rahvuslikele liikmetele Euroopa standardi teksti kättesaadavaks tegemise kuupäev on 16.09.2009.

Standard on kättesaadav Eesti standardiorganisatsioonist.

This Estonian standard EVS-EN 3311:2009 consists of the English text of the European standard EN 3311:2009.

This standard is ratified with the order of Estonian Centre for Standardisation dated 30.10.2009 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 16.09.2009.

The standard is available from Estonian standardisation organisation.

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EUROPEAN STANDARD

EN 3311

NORME EUROPÉENNE

EUROPÄISCHE NORM

September 2009

English Version

erospace series - Titanium alloy TI-P64001 (Ti-6Al-4V) -Annealed - Bar for machining - D < 110 mm

Série aérospatiale - Alliage de titane TI-P64001 (Ti-6AI-4V) - Recuit - Barres pour usinage - D < 110 mm

Luft- und Raumfahrt - Titanlegierung TI-P64001 (Ti-6AI-4V) - Geglüht - Stangen zum Zerspanen - D < 110 mm

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

Management Centre: Avenue Marnix 17, B-1000 Brussels

Foreword

This document (EN 3311:2009) 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of an identical text or by endorsement, at the latest by March 2010, and conflicting national standards shall be withdrawn at the latest by March 2010.

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Introduction

as been pre. Culmon tis of Orealien Ocherated by ITILS. 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 standard specifies the requirements relating to:

Titanium alloy TI-P64001 (Ti-6AI-4V)

Annealed

Bar for machining

D < 110 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 2954-002, Aerospace series — Macrostructural examination of titanium and titanium alloy wrought product — Part 002: Macrostructure of bar, section, forging stock and forgings. 1)

EN 3114-002, Aerospace series — Test method — Microstructure of (α+ β) titanium alloy wrought products — Part 002: Microtructure of bars, sections, forging stock and forgings.

EN 4050-1, Aerospace series — Test method for metallic materials — Ultrasonic inspection of bars, plates, forging stock and forgings — Part 1: General requirements. 1)

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

EN 4267, Aerospace series — Round bars in titanium and titanium alloys — Diameter 6 mm \leq D \leq 160 mm — Dimensions.

EN 4500-4, Aerospace series — Metallic materials — Rules for drafting and presentation of material standards — Part 4: Specific rules for titanium and titanium alloys. 1)

EN 4800-002, Aerospace series — Titanium and titanium alloys — Technical specification — Part 002: Bar and section. 1)

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