

**Aerospace series - Steel X105CrMo17 (1.3544) -
Hardened and tempered - Bars - $D_e \leq 150$ mm**

EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

See Eesti standard EVS-EN 2030:2014 sisaldab Euroopa standardi EN 2030:2013 inglisekeelset teksti.	This Estonian standard EVS-EN 2030:2014 consists of the English text of the European standard EN 2030:2013.
Standard on jõustunud sellekohase teate avaldamisega EVS Teatajas.	This standard has been endorsed with a notification published in the official bulletin of the Estonian Centre for Standardisation.
Euroopa standardimisorganisatsioonid on teinud Euroopa standardi rahvuslikele liikmetele kättesaadavaks 18.12.2013.	Date of Availability of the European standard is 18.12.2013.
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English Version

Aerospace series - Steel X105CrMo17 (1.3544) - Hardened and tempered - Bars - $D \leq 150$ mm

Série aérospatiale - Acier X105CrMo17 (1.3544) - Trempé et revenu - Barres - $D \leq 150$ mm

Luft- und Raumfahrt - Stahl X105CrMo17 (1.3544) - Gehärtet und Angelassen - Stangen - $D \leq 150$ mm

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COMITÉ EUROPÉEN DE NORMALISATION
EUROPÄISCHES KOMITEE FÜR NORMUNG

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Foreword

This document (EN 2030:2013) 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of an identical text or by endorsement, at the latest by June 2014, and conflicting national standards shall be withdrawn at the latest by June 2014.

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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 4500-003.

1 Scope

This European Standard specifies the requirements relating to:

Steel X105CrMo17 (1.3544)
Hardened and tempered
Bars
 $D_e \leq 150$ mm

for aerospace applications.

NOTE Other common designation:
UNS: S44004,
AISI: 440C, XDBD.

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 2951, *Aerospace series — Metallic materials — Test method — Micrographic determination of content of non-metallic inclusions* ¹⁾

EN 4050-4, *Aerospace series — Test method for metallic materials — Ultrasonic inspection of bars, plates, forging stock and forgings — Part 4: Acceptance criteria*

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

EN 4500-003, *Aerospace series — Metallic materials — Rules for drafting and presentation of material standards — Part 003: Specific rules for heat resisting alloys*

EN 4700-002, *Aerospace series — Steel and heat resisting alloys — Wrought products — Technical specification — Part 002: Bar and section*

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

1) Published as ASD-STAN Prestandard at the date of publication of this standard. <http://www.asd-stan.org/>