

Terasvalu ehituslikuks kasutamiseks

Steel castings for structural uses

EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

<p>Käesolev Eesti standard EVS-EN 10340:2007 sisaldab Euroopa standardi EN 10340:2007 ingliskeelset teksti.</p> <p>Käesolev dokument on jõustatud 22.11.2007 ja selle kohta on avaldatud teade Eesti standardiorganisatsiooni ametlikus väljaandes.</p> <p>Standard on kättesaadav Eesti standardiorganisatsioonist.</p>	<p>This Estonian standard EVS-EN 10340:2007 consists of the English text of the European standard EN 10340:2007.</p> <p>This document is endorsed on 22.11.2007 with the notification being published in the official publication of the Estonian national standardisation organisation.</p> <p>The standard is available from Estonian standardisation organisation.</p>
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<p>Käsitlusala:</p> <p>This European Standard applies to steel castings:- for structural uses in buildings and civil engineering works. Its uses include housing and service buildings, bridges, roads, pipe network. In cases where castings are joined by welding by the founder, this European Standard applies. This European Standard does not apply in cases where castings are welded: - to wrought products (plates, tubes, forgings...); - or by non founders.</p>	<p>Scope:</p> <p>This European Standard applies to steel castings:- for structural uses in buildings and civil engineering works. Its uses include housing and service buildings, bridges, roads, pipe network. In cases where castings are joined by welding by the founder, this European Standard applies. This European Standard does not apply in cases where castings are welded: - to wrought products (plates, tubes, forgings...); - or by non founders.</p>
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ICS 77.140.80

Võtmesõnad:

ICS 77.140.80

English Version

Steel castings for structural uses

Aciers moulés de construction

Stahlguss für das Bauwesen

This European Standard was approved by CEN on 18 August 2007.

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.

CEN members are the national standards bodies of Austria, Belgium, Bulgaria, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, Switzerland and United Kingdom.



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Contents

Page

Foreword.....	3
Introduction	4
1 Scope	5
2 Normative references	5
■3 Terms and definitions	5
●4 Information to be supplied by the purchaser	5
5 Designation	6
6 Manufacture.....	6
7 Requirements	6
8 Testing and documents on material testing	8
■9 Identification and marking	9
■10 Packaging and surface protection	9
■11 Complaints	9
12 Dangerous substances	9
13 Evaluation of conformity.....	9
Annex A Welding conditions	13
Annex B (normative) Evaluation of conformity	14
Annex ZA (informative) Relationship between this European Standard and the Essential Requirements of EU Directive 89/106/EEC, EU Construction Products Directive	18
Bibliography	23

Foreword

This document (EN 10340:2007) has been prepared by Technical Committee ECISS/TC 31 "Steel castings", the secretariat of which is held by AFNOR.

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 2008, and conflicting national standards shall be withdrawn at the latest by July 2009.

This document has been prepared under a mandate M120 given to CEN by the European Commission and the European Free Trade Association, and supports essential requirements of EU Directive(s) "Construction Products Directive (89/106/EEC)".

For relationship with EU Directive(s) "Construction Products Directive (CPD)", see informative Annex ZA, which is an integral part of this document.

This document is intended to be read in conjunction with EN 1559-1:1997 and EN 1559-2:2000 and the referenced test Standards.

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.

This document has been prepared under a mandate given to CEN by the European Commission and the European Free Trade Association, and supports essential requirements of EC Directive(s).

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, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, Switzerland and the United Kingdom.

Introduction

This draft European Standard retains the same format for clauses as EN 1559-1:1997 and EN 1559-2:2000. It is intended to be used in conjunction with these standards. Where no text is given under a paragraph heading, the corresponding paragraph of EN 1559-1:1997 and EN 1559-2:2000 applies.

The structure of this standard is as follows:

- clauses and subclauses preceded by ■ indicate no additional conditions to EN 1559-1¹⁾ and EN 1559-2¹⁾;
- clauses and subclauses marked with a single dot • indicate that the conditions shall be agreed at the time of enquiry and order in so far as such conditions do no conflict with the regulatory requirements of the European Union State or EFTA of destination;
- subclauses marked with two dots •• indicate that conditions may be agreed at the time of enquiry and order (optional) in so far as such conditions do no conflict with the regulatory requirements of the European Union State or EFTA of destination;
- subclauses without dot marking are a requirement of this standard.

1) When complementary information is given in a clause or subclause of this standard (versus the same clause or subclause of EN 1559-1:1997 or EN 1559-2:2000) it is preceded by "in addition to EN 1559".

1 Scope

This European Standard applies to steel castings:

- for structural uses in buildings and civil engineering works. Its uses include housing and service buildings, bridges, roads, pipe network.

In cases where castings are joined by welding by the founder, this European Standard applies.

This European Standard does not apply in cases where castings are welded:

- to wrought products (plates, tubes, forgings...);
- or by non founders.

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 1559-1:1997, *Founding - Technical conditions of delivery - Part 1: General*

EN 1559-2:2000, *Founding - Technical conditions of delivery - Part 2: Additional requirements for steel castings*

EN 10204, *Metallic products - Types of inspection documents*

EN ISO 8062-3, *Geometrical Product Specifications (GPS) - Dimensional and geometrical tolerances for moulded parts - Part 3: General dimensional and geometrical tolerances and machining allowances for castings (ISO 8062-3:2007)*

EN ISO 9001:2000, *Quality management systems - Requirements (ISO 9001:2000)*

EN ISO 11970, *Specification and approval of welding procedures for production welding of steel castings (ISO 11970:2001)*

■3 Terms and definitions

For the purposes of this document, the terms and definitions given in EN 1559-1:1997 and EN 1559-2:2000 apply.

●4 Information to be supplied by the purchaser

In cases of grades with different mechanical properties relating to heat treatment conditions the manufacturer shall obtain from the purchaser the heat treatment symbol in accordance with Clause 5.