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**Väikelaevad. Kerekonstruktsioon ja prussid
. Osa 3: Materjalid: Teras,
alumiiniumisulamid, puit, muud materjalid**

Small craft - Hull construction and scantlings - Part
3: Materials: Steel, aluminium alloys, wood, other
materials

EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

<p>Käesolev Eesti standard EVS-EN ISO 12215-3:2002 sisaldab Euroopa standardi EN ISO 12215-3:2002 ingliskeelset teksti.</p> <p>Käesolev dokument on jõustatud 18.10.2002 ja selle kohta on avaldatud teade Eesti standardiorganisatsiooni ametlikus väljaandes.</p> <p>Standard on kättesaadav Eesti standardiorganisatsioonist.</p>	<p>This Estonian standard EVS-EN ISO 12215-3:2002 consists of the English text of the European standard EN ISO 12215-3:2002.</p> <p>This document is endorsed on 18.10.2002 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: This part of ISO 12215 specifies requirements for materials intended for use in the construction of the hull, superstructure and appendages, in particular:- weldable normal and higher strength hot-rolled steel plates, wide flats, section and bars; - austenitic stainless steels, fabricated in the form of plates or profiles; - wrought aluminium alloys fabricated as plates, sections and extruded profiles; - wood in the form of solid timber, plywood or veneer; - other suitable materials</p>	<p>Scope: This part of ISO 12215 specifies requirements for materials intended for use in the construction of the hull, superstructure and appendages, in particular:- weldable normal and higher strength hot-rolled steel plates, wide flats, section and bars; - austenitic stainless steels, fabricated in the form of plates or profiles; - wrought aluminium alloys fabricated as plates, sections and extruded profiles; - wood in the form of solid timber, plywood or veneer; - other suitable materials</p>
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ICS 49.080

Võtmesõnad: alloys, aluminium alloys, dimensions, hulls, materials, materials specification, ship hulls, shipbuilding, ships, small craft, specification (approval), specifications, steels, structural systems, testing, vessels, wood

ICS 47.080

English version

Small craft – Hull construction and scantlings

Part 3: Materials: Steel, aluminium alloys, wood, other materials
(ISO 12215-3 : 2002)

Petits navires – Construction de coques et échantillons – Partie 3: Matériaux: Acier, alliages d'aluminium, bois, autres matériaux (ISO 12215-3 : 2002)

Kleine Wasserfahrzeuge – Rumpfbauweise und Dimensionierung – Teil 3: Werkstoffe: Stahl, Aluminiumlegierungen, Holz, andere Werkstoffe (ISO 12215-3 : 2002)

This European Standard was approved by CEN on 2002-05-01.

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.

The European Standards exist 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, the Czech Republic, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Malta, the Netherlands, Norway, Portugal, Spain, Sweden, Switzerland, and the United Kingdom.

CEN

European Committee for Standardization
Comité Européen de Normalisation
Europäisches Komitee für Normung

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

Foreword

International Standard

ISO 12215-3 : 2002 Small craft – Hull construction and scantlings – Part 3: Materials: Steel, aluminium alloys, wood, other materials,

which was prepared by ISO/TC 188 'Small craft' of the International Organization for Standardization, has been adopted by CEN/BT as a European Standard.

This European Standard has been prepared under a mandate given to CEN by the Commission of European Communities and the European Free Trade Association and supports essential requirements of the relevant EC Directive.

This European Standard shall be given the status of a national standard, either by publication of an identical text or by endorsement, and conflicting national standards withdrawn, by November 2002 at the latest.

In accordance with the CEN/CENELEC Internal Regulations, the national standards organizations of the following countries are bound to implement this European Standard:

Austria, Belgium, the Czech Republic, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Malta, the Netherlands, Norway, Portugal, Spain, Sweden, Switzerland, and the United Kingdom.

Endorsement notice

The text of the International Standard ISO 12215-3 : 2002 was approved by CEN as a European Standard without any modification.

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1 Scope

This part of ISO 12215 specifies requirements for materials intended for use in the construction of the hull, superstructure and appendages, in particular:

- weldable normal and higher strength hot-rolled steel plates, wide flats, sections and bars;
- austenitic stainless steels, fabricated in the form of plates or profiles;
- wrought aluminium alloys fabricated as plates, sections and extruded profiles;
- wood in the form of solid timber, plywood or veneer;
- other suitable materials.

NOTE 1 Other materials may be used in the construction of small craft if adequate suitability and durability for the intended purpose can be demonstrated.

This part of ISO 12215 applies to small craft with a length hull (L_H) according to ISO 8666 of up to 24 m.

NOTE 2 The underlying reason for preparing this part of ISO 12215 is that the choice of materials for the construction of a small craft has a significant influence on short-term and long-term durability under the expected loads and environmental conditions.

2 Normative references

The following normative documents contain provisions which, through reference in this text, constitute provisions of this part of ISO 12215. For dated references, subsequent amendments to, or revisions of, any of these publications do not apply. However, parties to agreements based on this part of ISO 12215 are encouraged to investigate the possibility of applying the most recent editions of the normative documents indicated below. For undated references, the latest edition of the normative document referred to applies. Members of ISO and IEC maintain registers of currently valid International Standards.

ISO 8666: —¹⁾, *Small craft — Principal data*

ISO 12215-4:2002, *Small craft — Hull construction and scantlings — Part 4: Workshop and manufacturing*

3 Terms and definitions

For the purposes of this part of ISO 12215, the following terms and definitions apply.

1) To be published.