



SLOVENSKI STANDARD
SIST EN 12339:2000
01-december-2000

Inland navigation vessels - Rope tubs

Inland navigation vessels - Rope tubs

Fahrzeuge der Binnenschifffahrt - Seilkörbe

Bateaux de navigation intérieure - Grils à câble ou à cordage

Ta slovenski standard je istoveten z: EN 12339:1997

[SIST EN 12339:2000](https://standards.iteh.ai/catalog/standards/sist/31ec1cc8-7441-4fb2-ae52-6fefa99bc0c/sist-en-12339-2000)

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ICS:

47.020.50	Palubna oprema ter naprave	Deck equipment and installations
47.060	Jezerska in rečna plovila	Inland navigation vessels

SIST EN 12339:2000

en

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EUROPEAN STANDARD

EN 12339

NORME EUROPÉENNE

EUROPÄISCHE NORM

June 1997

ICS 47.020.50 ; 47.060

Descriptors: shipbuilding, inland navigation, bobbins, cables : ropes, cordages, windings, specifications, dimensions

English version

Inland navigation vessels - Rope tubsBateaux de navigation intérieure - Grils à
câble ou à cordage

Fahrzeuge der Binnenschifffahrt - Seilkörbe

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Up-to-date lists and bibliographical references concerning such national standards may be obtained on application to the Central Secretariat or to any CEN member.

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CEN members are the national standards bodies of Austria, Belgium, Czech Republic, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and United Kingdom.

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

Central Secretariat: rue de Stassart,36 B-1050 Brussels

Foreword

This European Standard has been prepared by Technical Committee CEN/TC 15 "Inland navigation vessels", the secretariat of which is held by DIN.

It has been required to harmonize type, dimensions, safety requirements and testing of rope rubs.

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of an identical text or by endorsement, at the latest by December 1997, and conflicting national standards shall be withdrawn at the latest by month of December 1997.

According to the CEN/CENELEC Internal Regulations, the national standards organizations of the following countries are bound to implement this European Standard: Austria, Belgium, Czech Republic, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and the United Kingdom.

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1 Scope

This European Standard specifies main dimensions, construction and requirements for rope tubs.

Rope tubs are used on inland vessels to stow up steel wire ropes, man-made fibre ropes or natural fibre ropes which are needed for example for tying and hauling. The use of rope tubs prevents the risk to the crew during manoeuvres, of getting entangled in tightening slings or stumbling over ropes laid down on deck.

2 Normative references

This European Standard incorporates by dated or undated reference, provisions from other publications. These normative references are cited at the appropriate places in the text and the publications are listed hereafter. For dated references, subsequent amendments to or revisions of any of these publications apply to this European Standard only when incorporated in it by amendment or revision. For undated references the latest edition of the publication referred to applies.

prEN 1029 : 1993

Protection against corrosion – Hot dip galvanizing (general galvanizing) – Requirements and tests

EN 10025 : 1994

Hot rolled products of non-alloy structural steels – Technical delivery conditions

ENV 10220 : 1993

Seamless and welded steel tubes – Dimensions and masses per unit length

EN 22768-1 : 1993

General tolerances – Part 1: Tolerances for linear and angular dimensions without individual tolerance indications (ISO 2768-1:1989)

3 Dimensions

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Dimensions in millimetres

General tolerances: ISO 2768 - c

Rope tubs are not expected to conform to the design illustrated in figure 1, compliance is only required with the dimensions specified in table 1. A rope tub with a bottom consisting of spokes is illustrated.

Table 1: Dimensions

Dimensional letter	Preferential dimension	Permissible range of dimension		Dimensional graduation
		from	to	
D	1 500	1 000	2 000	250
H_1	300	250	350	50
H_2	150	100	200	50

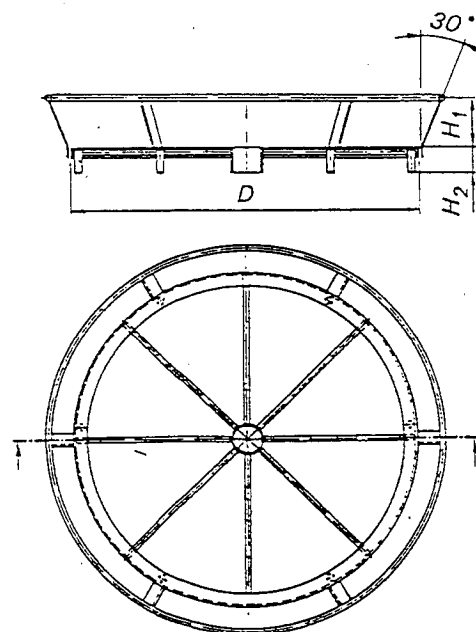


Figure 1: Rope tub

Diameter D and height H_1 of the rope tub shall be dimensioned in such a way that the ropes used can be taken up by the rope tub.

4 Material

As a minimum, steel in accordance with EN 10025-S235JRG2 (Material No. 1.0038) shall be used.

5 Construction

Semi-finished products for the upper ring shall consist of steel tube having a minimum outer diameter of 33,7 mm and a minimum wall thickness of 3,2 mm in accordance with ENV 10220. Selection and dimensioning of the other semi-finished products are left to the manufacturer's discretion.

The bottom shall consist of at least 8 spokes, of perforated plate or of wire mesh.

6 Surface protection

The surfaces shall be protected against influences of the weather, e.g. by protective painting or hot galvanizing in accordance with prEN 1029.

7 Testing

The testing shall be carried out by measurement and visual examination.

8 Designation

Example of the designation of a rope tub with diameter $D = 1500$ mm, height of rope tub $H_1 = 300$ mm and height of support $H_2 = 100$ mm:

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Rope tub EN 12339 - 1500 - 300 - 100

9 Marking

The rope tub shall be marked with

- manufacturer's/supplier's name
- designation in accordance with clause 8.