

# **SLOVENSKI STANDARD**

## **SIST EN ISO 1107:2003**

**01-oktober-2003**

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### **Ribiške mreže - Mreženje - Osnovni pojmi in definicije (ISO 1107:2003)**

Fishing nets - Netting - Basic terms and definitions (ISO 1107:2003)

Fischnetze - Netztuch - Grundbegriffe und Definitionen (ISO 1107:2003)

Filets de peche - Nappes de filet - Termes fondamentaux et définitions (ISO 1107:2003)

**Ta slovenski standard je istoveten z: EN ISO 1107:2003**

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#### **ICS:**

01.040.65	Kmetijstvo (Slovarji)	Agriculture (Vocabularies)
65.150	Ribolov in ribogojstvo	Fishing and fish breeding

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**en**

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EUROPEAN STANDARD  
NORME EUROPÉENNE  
EUROPÄISCHE NORM

**EN ISO 1107**

June 2003

ICS 01.040.65; 65.150

English version

**Fishing nets - Netting - Basic terms and definitions (ISO 1107:2003)**

Filets de pêche - Nappes de filet - Termes fondamentaux  
et définitions (ISO 1107:2003)

Fischnetze - Netztuch - Grundbegriffe und Definitionen  
(ISO 1107:2003)

This European Standard was approved by CEN on 12 December 2002.

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.

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 Management Centre has the same status as the official versions.

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## Contents

	page
Foreword .....	3
1     Scope.....	4
2     Normative references .....	4
3     Terms and definitions .....	4

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## Foreword

This document (EN ISO 1107:2003) has been prepared by Technical Committee CEN/TC 248 "Textiles and textile products", the secretariat of which is held by BSI, in collaboration with Technical Committee ISO/TC 38 "Textiles".

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 2003, and conflicting national standards shall be withdrawn at the latest by December 2003.

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, Hungary, Iceland, Ireland, Italy, Luxembourg, Malta, Netherlands, Norway, Portugal, Slovakia, Spain, Sweden, Switzerland and the United Kingdom.

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## 1 Scope

This European Standard gives the principal terms relating to netting for fishing nets, together with their definitions or, in some cases, the method of expressing dimensions.

## 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 (including amendments).

EN ISO 1530:2003, *Fishing nets — Description and designation of knotted netting (ISO 1530:2002)*.

ISO 858, *Fishing nets — Designation of netting yarns in the Tex System*.

ISO 1139, *Textiles — Designation of yarns*.

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## 3 Terms and definitions

For the purposes of this European Standard the following terms and definitions apply.

### 3.1 netting

a meshed structure of indefinite shape and size composed of one yarn or of one or more systems of yarns interlaced or joined, or obtained by other means, for example by stamping or cutting from sheet material or by extrusion

### 3.2 netting yarn

all types of yarns<sup>1)</sup> suitable for the manufacture of netting

NOTE 1 The principal types of netting yarns are twines. The latter are defined below.

The size of netting yarn is indicated by its linear density expressed in the unit tex of the Tex system in accordance with ISO 858. The size of the final product is expressed by the “resultant linear density” in accordance with ISO 1139.

NOTE 2 The resultant linear density is the reciprocal of “runnage” which expresses the length per unit mass, in metres per gram or per kilogram, for example.

#### 3.2.1 netting twine

the product of one twisting operation embracing two or more single yarns or monofilaments

#### 3.2.2 cabled netting twine

the product of further twisting operations embracing two or more netting twines

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1) The definition in ISO 1139 denotes “yarn” folded yarn and cabled yarn as a general term embracing a single yarn (including monofilament) multiple wound yarns.

**3.2.3****braided netting twine**

the product of braiding or plaiting netting yarns and/or netting twines

**3.3****mesh**

a design formed opening, surrounded by netting material. There are several types of mesh shapes:

**3.3.1****diamond mesh**

a mesh composed of four sides of the same length

**3.3.2****square mesh**

a diamond mesh in which adjacent sides are at right angles

**3.3.3****hexagonal mesh**

a mesh composed of six sides, out of which the length of one pair of opposite sides can be different from that of the other four sides, in case of an irregular hexagon

**3.4****size of mesh****3.4.1****length of mesh side (also referred to as half mesh)**

the distance between two sequential knots or joints, measured from centre to centre when the yarn between those points is fully extended as shown in Figure 1

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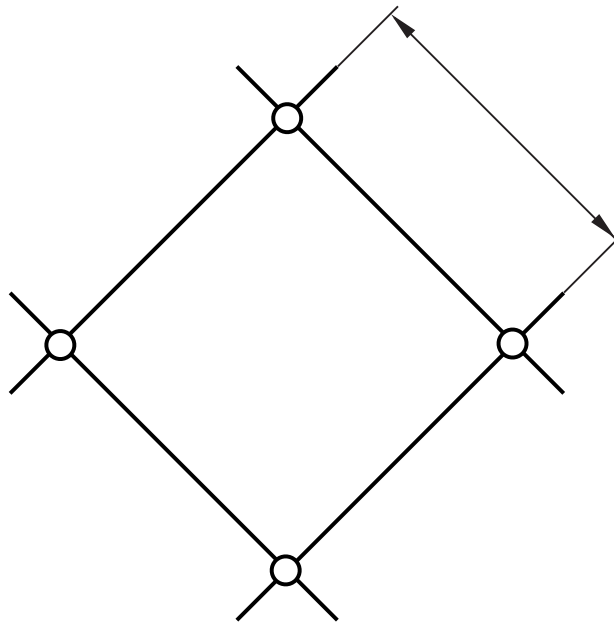


Figure 1 — Length of mesh side

NOTE In hexagonal meshes two different values are possible in case of an irregular hexagon.

### 3.4.2

#### length of mesh

(see Figure 2)

- a) for knotted netting, the distance between the centres of two opposite knots in the same mesh when fully extended in the N-direction (see definition 3.5.1.1),
- b) for knotless netting, the distance between the centres of two opposite joints in the same mesh when fully extended along its longest possible axis (see definition 3.6.1.1).

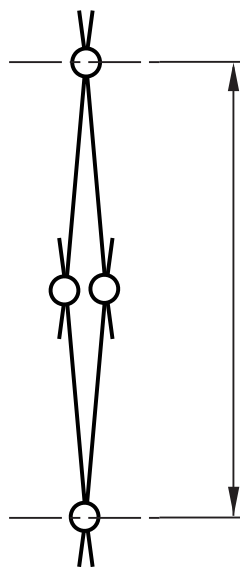


Figure 2 — Length of mesh



### 3.4.3

#### opening of mesh

(see Figure 3)

- a) for knotted netting, the longest distance between two opposite knots in the same mesh when fully extended in the N-direction (see definition 3.5.1.1);
- b) for knotless netting, the inside distance between two opposite joints in the same mesh when fully extended along its longest possible axis (see definition 3.6.1.1).

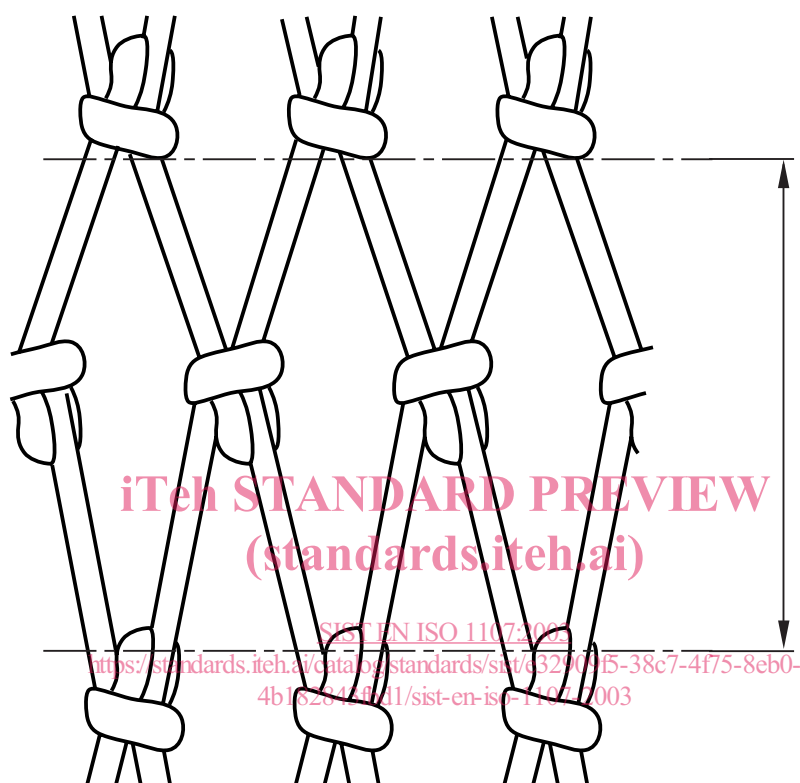


Figure 3 — Opening of mesh

## 3.5

### knotted netting

#### 3.5.1

##### general direction of the netting yarn

##### 3.5.1.1

###### N-direction (depthwise)

the direction at right angles (Normal) to the general course of the netting yarn as shown in Figure 4

##### 3.5.1.2

###### T-direction, (lengthwise)

the direction parallel to the general course of the netting yarn (Twinewise) as shown in Figure 4