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**Jeklena žica in žični izdelki za ograje - 6. del: Jeklen žični pletež s štirikotnimi zankami**

Steel wire and wire products for fences - Part 6: Steel wire chain link fencing

Stahldraht und Erzeugnisse aus Stahldraht für Zäune - Teil 6: Stahldrahtgeflecht mit viereckigen Maschen

Fils et produits tréfilés en acier pour clôtures et grillages - Partie 6: Grillage a simple torsion

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Ta slovenski standard je istoveten z: **EN 10223-6:1998**

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**ICS:**

77.140.65	Jeklene žice, jeklene vrvi in verige	Steel wire, wire ropes and link chains
91.090	Konstrukcije zunaj stavb	External structures

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**en**

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EUROPEAN STANDARD  
NORME EUROPÉENNE  
EUROPÄISCHE NORM

EN 10223-6

March 1998

ICS 77.140.65

Descriptors: fences, wire nettings, wire, steels, designation, characteristics, dimensions, dimensional tolerances, manufacturing, galvanizing, zinc alloys, mechanical strength, tests

English version

Steel wire and wire products for fences - Part 6 : Steel wire  
chain link fencing

Fils et produits tréfilés en acier pour clôtures et grillages -  
Partie 6 : Grillage à simple torsion

Stahldraht und Erzeugnisse aus Stahldraht für Zäune - Teil  
6 : Stahldrahtgeflecht mit viereckigen Maschen

This European Standard was approved by CEN on 26 February 1998.

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 Central Secretariat 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 Central Secretariat has the same status as the official versions.

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.

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EUROPEAN COMMITTEE FOR STANDARDIZATION  
COMITÉ EUROPÉEN DE NORMALISATION  
EUROPÄISCHES KOMITEE FÜR NORMUNG

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

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## Foreword

This European Standard has been prepared by Technical Committee ECISS/TC 30 "Steel wires", the secretariat of which is held by BSI.

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 September 1998, and conflicting national standards shall be withdrawn at the latest by September 1998.

This standard comprises the following parts:

- Part 1 Zinc and zinc alloy coated steel barbed wire
- Part 2 Hexagonal steel wire netting for agricultural, insulation and fencing purposes
- Part 3 Hexagonal steel wire netting for engineering purposes
- Part 4 Steel wire welded mesh fencing
- Part 5 Steel wire woven hinged joint and knotted mesh fencing
- Part 6 Steel wire chain link fencing

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.

## 1 Scope

This Part of this European Standard specifies dimensions, properties and coatings of steel wire chain link fencing.

## 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.

EN 10021	General technical delivery conditions for iron and steel products
EN 10204	Metallic products - Types of inspection documents
EN 10218-1	Steel wire and wire products - General - Part 1 : Test methods
EN 10218-2	Steel wire and wire products - General - Part 2 : Dimensions and tolerances
prEN 10244-1	Steel wire and wire products - Non ferrous metallic coatings on steel wire - Part 1 : General principles
prEN 10244-2	Steel wire and wire products - Non-ferrous metallic coatings on steel wire - Part 2 : Zinc and zinc alloy coatings
prEN 10245-1	Steel wire and wire products - Organic coatings on wire Part 1 : General rules
prEN 10245-2	Steel wire and wire products - Organic coatings on wire Part 2 : PVC coated wire
prEN 10245-3	Steel wire and wire products - Organic coatings on wire Part 3 : PE coated wire

### 3 Definitions

For the purpose of this Standard, the following definitions apply:

**3.1 mesh size** : Distance measured at right angles internally between adjacent parallel wires. See figure 1.

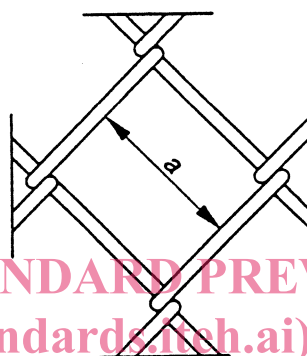
**3.2 chain link fencing** : fencing manufactured from the interlocking of steel wire helices which provide approximately square meshes. See figure 2.

Chain link fencing may be supplied knuckled (see figure 3) or with barbed ends, i.e. adjacent pairs of wire ends twisted together and cut at an angle (see figure 4). Any combination of these two presentations are used for the bottom and top of the fence.

### 4 Information to be supplied by the purchaser

The following information shall be supplied by the purchaser at the time of enquiry and order.

- a) the number of this European Standard
- b) the quantity and type of winding (tight or loose)
- c) zinc or zinc alloy coating type and class and if coating uniformity is to be measured
- d) organic coating type colour and degree of adhesion required
- e) mesh size
- f) wire size
- g) height in metres
- h) length of rolls
- i) whether barbed or knuckled
- j) tensile range
- k) inspection documentation requirements
- l) agreed quality characteristics for testing (see clause 7)



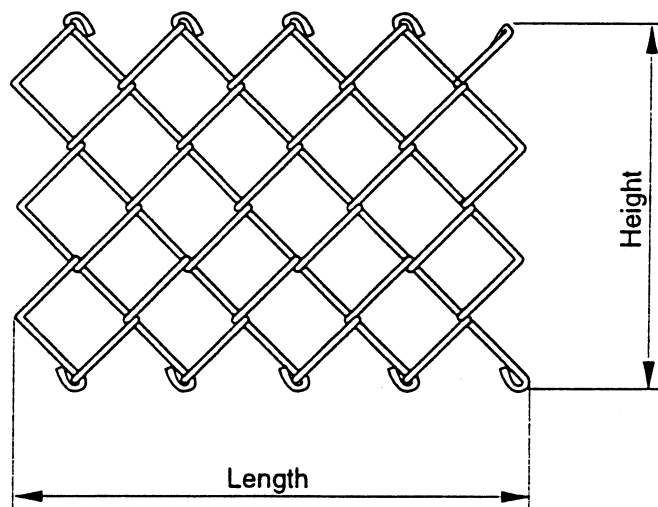
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**Figure 1: Mesh size**



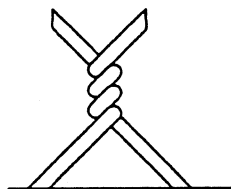


**Figure 2: Chain link fencing**  
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**Figure 3: Knuckled ends**



**Figure 4: Barbed ends**