

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

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## EESTI STANDARDI EESSÕNA

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Standard on jõustunud sellekohase teate avaldamisega EVS Teatajas.	This standard has been endorsed with a notification published in the official bulletin of the Estonian Centre for Standardisation.
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English Version

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

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

Stahldraht und Drahterzeugnisse für Zäune und  
Drahtgeflechte - Teil 6: Stahldrahtgeflecht mit viereckigen  
Maschen

This European Standard was approved by CEN on 13 October 2012.

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## Foreword

This document (EN 10223-6:2012) has been prepared by Technical Committee ECISS/TC 106 "Wire rod and wires", 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of an identical text or by endorsement, at the latest by May 2013, and conflicting national standards shall be withdrawn at the latest by May 2013.

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 supersedes EN 10223-6:1998.

EN 10223 "Steel wire and wire products for fencing and netting" consists of 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 mesh products 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*
- *Part 7: Steel wire welded panels for fencing*
- *Part 8: Welded mesh gabion products*

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## 1 Scope

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

## 2 Normative references

The following documents, in whole or in part, are normatively referenced in this document and are indispensable for its application. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

EN 10021, *General technical delivery conditions for steel products*.

EN 10204, *Metallic products — Types of inspection documents*.

EN 10218-1, *Steel wire and wire products — General — Part 1: Test methods*

EN 10218-2:2012, *Steel wire and wire products — General — Part 2: Wire dimensions and tolerances*

EN 10244-1, *Steel wire and wire products — Non-ferrous metallic coatings on steel wire — Part 1: General principles*

EN 10244-2:2009, *Steel wire and wire products — Non-ferrous metallic coatings on steel wire — Part 2: Zinc or zinc alloy coatings*

EN 10245-1, *Steel wire and wire products — Organic coatings on steel wire — Part 1: General rules*

EN 10245-2, *Steel wire and wire products — Organic coatings on steel wire — Part 2: PVC finished wire*

EN 10245-3, *Steel wire and wire products — Organic coatings on steel wire — Part 3: PE coated wire*

EN ISO 16120-1, *Non-alloy steel wire rod for conversion to wire — Part 1: General requirements (ISO 16120-1)*

EN ISO 16120-2, *Non-alloy steel wire rod for conversion to wire — Part 2: Specific requirements for general-purpose wire rod (ISO 16120-2)*

## 3 Terms and definitions

For the purposes of this document, the following terms and 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)

Note 1 to entry: 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.