



SLOVENSKI STANDARD
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Steel wire and wire products - Steel wire for ropes - Part 3: Round and shaped non alloyed steel wire for high duty applications

Stahldraht und Drahterzeugnisse - Stahldraht für Seile - Teil 3: Runder und profilierter Draht aus unlegiertem Stahl für hohe Beanspruchungen

Fils et produits tréfilés en acier - Fils pour câbles - Partie 3: Fils ronds et profilés, en acier non aillé, pour fortes sollicitations

[SIST EN 10264-3:2012](https://standards.iteh.ai/)

<https://standards.iteh.ai/standard/EN/10264-3/2012> **Ta slovenski standard je istoveten z: prEN 10264-3**

ICS:

77.140.45	Nelegirana jekla	Non-alloyed steels
77.140.65	Jeklene žice, jeklene vrvi in verige	Steel wire, wire ropes and link chains

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en,fr,de

EUROPEAN STANDARD
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ICS 77.140.65

Will supersede EN 10264-3:2002

English Version

Steel wire and wire products - Steel wire for ropes - Part 3: Round and shaped non alloyed steel wire for high duty applications

Fils et produits tréfilés en acier - Fils pour câbles - Partie 3:
Fils ronds et profilés, en acier non aillé, pour fortes
sollicitations

This draft European Standard is submitted to CEN members for enquiry. It has been drawn up by the Technical Committee ECISS/TC 30.

If this draft becomes a European Standard, 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.

This draft European Standard was established by CEN 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 CEN Management Centre has the same status as the official versions.

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Recipients of this draft are invited to submit, with their comments, notification of any relevant patent rights of which they are aware and to provide supporting documentation.

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Foreword

This document (prEN 10264-3:2008) has been prepared by Technical Committee ECISS/TC 30 “Steel wires”, the secretariat of which is held by AFNOR.

This document is currently submitted to the CEN Enquiry.

This document will supersede EN 10264-3:2002.

This European Standard for wire for ropes is made up of the following parts:

- *Part 1: General requirements*
- *Part 2: Cold drawn non alloyed steel wire for ropes for general applications*
- *Part 3: Round and shaped non alloyed steel wire for high duty applications*
- *Part 4: Stainless steel wire*

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prEN 10264-3:2008 (E)**1 Scope**

This part of this European Standard specifies round and shaped non alloyed steel wire for use in the manufacture of ropes for mine hoisting, man-riding haulage, cableways for the transportation of passengers and other high duty applications. High duty refers to situations where the stresses applied to the rope are either high or vary by large amount during service;

This part of this European Standard refers to round wires and three types of shaped wire: full lock (Z), half lock (H) and trapezoidal (T).

In addition to the requirements of this part of this European Standard, the requirements of EN 10264-1 also apply.

It does not apply to steel wire taken from manufactured ropes.

This part of this European Standard specifies the following for cold drawn non alloyed steel wire for ropes for high duty applications:

- dimensional tolerances;
- mechanical characteristics;
- requirements relating to the chemical composition of the steel wire;
- conditions to be satisfied by any coating.

2 Normative references

The following referenced documents are indispensable for the application of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies. [IST EN 10264-3:2012](https://standards.iteh.ai/catalog/standards/sist/27b93598-ff25-4917-b8b6-92c60a166eb8/sist-en-10264-3-2012)

<https://standards.iteh.ai/catalog/standards/sist/27b93598-ff25-4917-b8b6-92c60a166eb8/sist-en-10264-3-2012>
EN 10016-1, *Non-alloy steel rod for drawing and/or cold rolling — Part 1: General requirements.*

EN 10016-2, *Non-alloy steel rod for drawing and/or cold rolling — Part 2: Specific requirements for general purposes rod.*

EN 10016-4, *Non-alloy steel rod for drawing and/or cold rolling — Part 4: Specific requirements for rod for special applications.*

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

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

EN 10264-1, *Steel wire and wire products — Steel wire for ropes — Part 1: General requirements.*