

Terastraat ja traattooted. Üldinfo. Osa 1: Katsemeetodid

Steel wire and wire products - General - Part 1: Test methods

EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

<p>Käesolev Eesti standard EVS-EN 10218-1:2000 sisaldab Euroopa standardi EN 10218-1:1994 ingliskeelset teksti.</p> <p>Käesolev dokument on jõustatud 11.01.2000 ja selle kohta on avaldatud teade Eesti standardiorganisatsiooni ametlikus väljaandes.</p> <p>Standard on kättesaadav Eesti standardiorganisatsioonist.</p>	<p>This Estonian standard EVS-EN 10218-1:2000 consists of the English text of the European standard EN 10218-1:1994.</p> <p>This document is endorsed on 11.01.2000 with the notification being published in the official publication of the Estonian national standardisation organisation.</p> <p>The standard is available from Estonian standardisation organisation.</p>
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<p>Käsitlusala: See EN 10218 standardi osa määrab kindlaks üldised katsetusmeetodid terastraadi ja traadist toodete kohta, mis on külmtöödeldud, lõõmutatud või õlikarastatud ja noolutatud ja/või pinnakattega ning millel on ümar või erikujuline konstantne ristlõige.</p>	<p>Scope:</p>
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Võtmesõnad: katse, raud- ja terastooted, terased, traat

Hinnagrupp G

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English version

Steel wire and wire products – General
Part 1: Test methods

Fils et produits tréfilés en acier; généralités. Partie 1: Méthodes d'essai

Stahldraht und Drahterzeugnisse; Allgemeines. Teil 1: Prüfverfahren

This European Standard was approved by CEN on 1994-03-07.

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.

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CEN

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

The European Committee for Iron and Steel Standardization (ECISS) asked Technical Committee 30 'Steel wire and wire products', the Secretariat of which is held by BSI, to prepare a European Standard on general test methods and general dimensions and tolerances for steel wire and wire products.

The standard will comprise the following Parts:

Part 1: Test methods

Part 2: Wire dimensions and tolerances

This European Standard shall be given the status of a national standard, either by publication of an identical text or by endorsement, and conflicting national standards withdrawn, by September 1994 at the latest.

According to the CEN/CENELEC Internal Regulations, the following countries are bound to implement this European Standard:

Austria, Belgium, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and United Kingdom.

Introduction

In this Part of EN 10218, in some cases reference is simply made to other test standards whereas in other cases the test is described in detail. The standard is intended to be referenced in whole or part in steel wire and wire products standards.

1 Scope

This Part of EN 10218 specifies the general methods of testing steel wire and wire products which have been cold worked, annealed or oil hardened and tempered and/or coated and are of constant cross section, either of circular or of special forms. It includes tensile testing, torsion testing, reverse bend testing, as well as the wrapping test, bend test, reverse torsion test, compression test, deep etch test, hardness test, quench hardenability test, fatigue test, wire cast measurement, artificial ageing, decarburization test, non-destructive tests, grain size tests, segregation test, non-metallic inclusions test and chemical analysis.

2 Normative references

This 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 EN 10218-1 only when incorporated in it by amendment or revision. For undated references, the latest edition of the publication referred to applies.

- EN 10002-1 Metallic materials; tensile testing. Part 1: Method of test at ambient temperature
- EN 10002-5 Metallic materials; tensile testing. Part 5: Method of test at elevated temperature
- EN 10003-1 Metallic materials; Brinell hardness testing. Part 1: Method of test
- EN 10016-1 Non-alloy steel rod for drawing and/or cold rolling. Part 1: General requirements
- EN 10021 General technical delivery conditions for steel and iron and steel products
- EN 10109-1 Metallic materials; hardness testing. Part 1: Rockwell test (scales A, B, C, D, E, F, G, H, K) and Rockwell superficial test (scales 15 N, 30 N, 45 N, 15 T, 30 T and 45 T)