

**Non-alloy steel wire rod for conversion to wire - Part 2:
Specific requirements for general-purpose wire rod (ISO
16120-2:2011)**

EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

<p>Käesolev Eesti standard EVS-EN ISO 16120-2:2011 sisaldab Euroopa standardi EN ISO 16120-2:2011 ingliskeelset teksti.</p> <p>Standard on kinnitatud Eesti Standardikeskuse 29.07.2011 käskkirjaga ja jõustub sellekohase teate avaldamisel EVS Teatajas.</p> <p>Euroopa standardimisorganisatsioonide poolt rahvuslikele liikmetele Euroopa standardi teksti kättesaadavaks tegemise kuupäev on 01.07.2011.</p> <p>Standard on kättesaadav Eesti standardiorganisatsioonist.</p>	<p>This Estonian standard EVS-EN ISO 16120-2:2011 consists of the English text of the European standard EN ISO 16120-2:2011.</p> <p>This standard is ratified with the order of Estonian Centre for Standardisation dated 29.07.2011 and is endorsed with the notification published in the official bulletin of the Estonian national standardisation organisation.</p> <p>Date of Availability of the European standard text 01.07.2011.</p> <p>The standard is available from Estonian standardisation organisation.</p>
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English Version

Non-alloy steel wire rod for conversion to wire - Part 2: Specific requirements for general-purpose wire rod (ISO 16120-2:2011)

Fil-machine en acier non allié destiné à la fabrication de fils
- Partie 2: Exigences spécifiques au fil-machine d'usage
général (ISO 16120-2:2011)

Walzdraht aus unlegiertem Stahl zum Ziehen - Teil 2:
Besondere Anforderungen an Walzdraht für allgemeine
Verwendung (ISO 16120-2:2011)

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Foreword

This document (EN ISO 16120-2:2011) has been prepared by Technical Committee ISO/TC 17 "Steel" in collaboration with 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of an identical text or by endorsement, at the latest by January 2012, and conflicting national standards shall be withdrawn at the latest by January 2012.

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.

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Endorsement notice

The text of ISO 16120-2:2011 has been approved by CEN as a EN ISO 16120-2:2011 without any modification.

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Non-alloy steel wire rod for conversion to wire —

Part 2:

Specific requirements for general-purpose wire rod

1 Scope

This part of ISO 16120 is applicable to general-purpose steel wire rod for drawing and/or cold rolling.

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.

ISO 4948-1, *Steels — Classification — Part 1: Classification of steels into unalloyed and alloy steels based on chemical composition*

ISO 4948-2, *Steels — Classification — Part 2: Classification of unalloyed and alloy steels according to main quality classes and main property or application characteristics*

ISO/TS 4949, *Steel names based on letter symbols*

ISO 16120-1:2011, *Non-alloy steel wire rod for conversion to wire — Part 1: General requirements*

3 Designation

In the designation C##D, “C” means non-alloy steel (see ISO/TS 4949); ## is the indicative average content of carbon; “D” signifies that it is for wire-drawing.

If steels are ordered according to chemical composition, ## indicates the values to be inserted by the purchaser according to the steel names designated in Table 1, first column.

Steels can also be ordered according to tensile strength. The mid-point of the required ultimate tensile strength (UTS) range shall be indicated as a suffix to the grade designation, e.g. C##D – 1020, where the required mid-point of the UTS is 1 020 MPa. “##” means “to be left blank” since the carbon content is at the discretion of the supplying mill, and the supplying mill indicates the exact number of ## based on the grade designation until shipment. See Table 1 for the grade designation.

4 Requirements

4.1 General

For the general requirements, see ISO 16120-1.