

Steel rod, bars and wire for cold heading and cold extrusion - Part 2: Technical delivery conditions for steels not intended for heat treatment after cold working

EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

See Eesti standard EVS-EN 10263-2:2017 sisaldab Euroopa standardi EN 10263-2:2017 ingliskeelset teksti.	This Estonian standard EVS-EN 10263-2:2017 consists of the English text of the European standard EN 10263-2:2017.
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.
Euroopa standardimisorganisatsioonid on teinud Euroopa standardi rahvuslikele liikmetele kättesaadavaks 01.11.2017.	Date of Availability of the European standard is 01.11.2017.
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ICS 77.140.60, 77.140.65

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English Version

Steel rod, bars and wire for cold heading and cold
extrusion - Part 2: Technical delivery conditions for steels
not intended for heat treatment after cold working

Barres, fil machine et fils en acier pour transformation
à froid et extrusion à froid - Partie 2: Conditions
techniques de livraison des aciers n'étant pas destinés
à un traitement thermique après travail à froid

Walzdraht, Stäbe und Draht aus Kaltstauch- und
Kaltfließpreßstählen - Teil 2: Technische
Lieferbedingungen für nicht für eine
Wärmebehandlung nach der Kaltverarbeitung
vorgesehene Stähle

This European Standard was approved by CEN on 16 July 2017.

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COMITÉ EUROPÉEN DE NORMALISATION
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CEN-CENELEC Management Centre: Avenue Marnix 17, B-1000 Brussels

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European foreword

This document (EN 10263-2:2017) 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of an identical text or by endorsement, at the latest by May 2018, and conflicting national standards shall be withdrawn at the latest by May 2018.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CEN shall not be held responsible for identifying any or all such patent rights.

This document supersedes EN 10263-2:2001.

This European Standard EN 10263 is subdivided as follows:

- *Part 1: General technical delivery conditions*
- *Part 2: Technical delivery conditions for steels not intended for heat treatment after cold working*
- *Part 3: Technical delivery conditions for case hardening steels*
- *Part 4: Technical delivery conditions for steels for quenching and tempering*
- *Part 5: Technical delivery conditions for stainless steel.*

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1 Scope

1.1 This part of EN 10263 is applicable to round rod and bars and wire with a diameter up to and including 100 mm, of non-alloy and alloy steel, intended for cold heading and cold extrusion without subsequent heat treatment on the final components.

1.2 EN 10263-1 is indispensable for this part of EN 10263.

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 10020, *Definition and classification of grades of steel*

EN 10263-1:2017, *Steel rod, bars and wire for cold heading and cold extrusion — Part 1: General technical delivery conditions*

3 Terms and definitions

For the purposes of this document, the terms and definitions given in EN 10263-1:2017 apply.

4 Classification and designation

4.1 Classification

All steel grades covered by this part of EN 10263 are non-alloy or alloy special steels (8MnSi7 and 7MnB8) according to EN 10020.

4.2 Designation

4.2.1 Steel names

See EN 10263-1:2017.

4.2.2 Steel numbers

See EN 10263-1:2017.

5 Production process

5.1 General

See EN 10263-1:2017.

5.2 Deoxidation

All steel grades quoted in Table 2, except 8MnSi7, are aluminium-killed steels. By agreement aluminium may be replaced by another suitable element having a similar effect.