

# SVENSK STANDARD

## SS-EN 10263-2:2017



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### **Valstråd, stång och tråd av stål för kallstukning – Del 2: Tekniska leveransbestämmelser för stål som inte är avsedda för värmebehandling efter kallbearbetning**

### **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**

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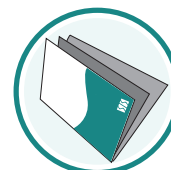
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Europastandarden EN 10263-2:2017 gäller som svensk standard. Detta dokument innehåller den officiella engelska versionen av EN 10263-2:2017.

Denna standard ersätter SS-EN 10263-2, utgåva 1.

The European Standard EN 10263-2:2017 has the status of a Swedish Standard. This document contains the official version of EN 10263-2:2017.

This standard supersedes the Swedish Standard SS-EN 10263-2, edition 1.

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EUROPEAN STANDARD

EN 10263-2

NORME EUROPÉENNE

EUROPÄISCHE NORM

November 2017

ICS 77.140.60; 77.140.65

Supersedes EN 10263-2:2001

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.

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 CEN-CENELEC Management Centre 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 CEN-CENELEC Management Centre has the same status as the official versions.

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EUROPEAN COMMITTEE FOR STANDARDIZATION  
COMITÉ EUROPÉEN DE NORMALISATION  
EUROPÄISCHES KOMITEE FÜR NORMUNG

**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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## **SS-EN 10263-2:2017 (E)**

### **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.