



NSAI
Standards

Irish Standard
I.S. EN 10263-1:2017

Steel rod, bars and wire for cold heading and cold extrusion - Part 1: General technical delivery conditions

I.S. EN 10263-1:2017

Incorporating amendments/corrigenda/National Annexes issued since publication:

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National Foreword

I.S. EN 10263-1:2017 is the adopted Irish version of the European Document EN 10263-1:2017, Steel rod, bars and wire for cold heading and cold extrusion - Part 1: General technical delivery conditions

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EUROPEAN STANDARD

EN 10263-1

NORME EUROPÉENNE

EUROPÄISCHE NORM

November 2017

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Supersedes EN 10263-1:2001

English Version

Steel rod, bars and wire for cold heading and cold extrusion - Part 1: General technical delivery conditions

Barres, fil machine et fils en acier pour transformation
à froid et extrusion à froid - Partie 1: Conditions
techniques générales de livraison

Walzdraht, Stäbe und Draht aus Kaltstach- und
Kaltfließpreßstählen - Teil 1: Allgemeine technische
Lieferbedingungen

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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EN 10263-1:2017 (E)

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EN 10263-1:2017 (E)

European foreword

This document (EN 10263-1:2017) 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of an identical text or by endorsement, at the latest by May 2018, and conflicting national standards shall be withdrawn at the latest by May 2018.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 10263-1:2001.

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 steels*

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1 Scope

1.1 This part of EN 10263 specifies the general technical delivery conditions for round rod, round bars and wire for cold heading and cold extrusion made of:

- a) non alloy steels not intended for heat treatment after cold working, as specified in EN 10263-2;
- b) non alloy and alloy steels for case hardening, as specified in EN 10263-3;
- c) non alloy and alloy steels for quenching and tempering, as specified in EN 10263-4;
- d) stainless steels, as specified in EN 10263-5.

1.2 Parts 2, 3 and 4 of this EN 10263 cover products having a diameter up to and including 100 mm.

Part 5 covers products having a diameter up to and including:

- 25 mm for ferritic and austenitic-ferritic steels;
- 50 mm for austenitic steels;
- 100 mm for martensitic steels.

1.3 In special cases supplementary requirements or deviations with respect to this European Standard may be agreed between the purchaser and the supplier at the time of enquiry and order (See Annex A).

1.4 The general technical delivery conditions in EN 10021 also apply to products supplied in accordance with this European Standard

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 10021, *General technical delivery conditions for steel products*

EN 10027-1, *Designation systems for steels - Part 1: Steel names*

EN 10027-2, *Designation systems for steels - Part 2: Numerical system*

EN ISO 4885, *Ferrous materials - Heat treatments - Vocabulary (ISO 4885)*

EN 10060, *Hot rolled round steel bars for general purposes - Dimensions and tolerances on shape and dimensions*

EN 10079, *Definition of steel products*

EN 10108, *Round steel rod for cold heading and cold extrusion - Dimensions and tolerances*

EN 10204, *Metallic products - Types of inspection documents*

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