

STN	Oceľové zápustkové výkovky na všeobecné účely Časť 4: Nehrdzavejúce ocele	STN EN 10250-4 42 0286
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Open die steel forgings for general engineering purposes - Part 4: Stainless steels

Táto norma obsahuje anglickú verziu európskej normy.
This standard includes the English version of the European Standard.

Táto norma bola oznámená vo Vestníku ÚNMS SR č. 08/21

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English Version

Open die steel forgings for general engineering purposes - Part 4: Stainless steels

Pièces forgées en acier pour usage général - Partie 4 :
Aciers inoxydables

Freiformschmiedestücke aus Stahl für allgemeine
Verwendung - Teil 4: Nichtrostende Stähle

This European Standard was approved by CEN on 12 April 2021.

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

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European foreword

This document (EN 10250-4:2021) has been prepared by Technical Committee CEN/TC 459/SC 11 “Steel castings and forgings”, 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of an identical text or by endorsement, at the latest by November 2021, and conflicting national standards shall be withdrawn at the latest by November 2021.

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 10250-4:1999.

In comparison with the previous edition, the following technical modifications have been made:

- addition of EN 10028-7 after EN 10088-3 in the note of the Scope;
- removal of EN 10021 and EN 10088-3 from the Normative references;
- addition of Clause 3, Terms and definitions;
- restructuration of Clause 4, Chemical composition;
- introduction of three steel grades in Table 2: X1CrNi25-21, X1CrNiSi18-15-4 and X2CrNiMnMoN25-18-6-5;
- alignment of silicon characteristics with EN 10088-3 in Table 4;
- addition of 2 columns on resistance to intergranular corrosion in Tables 6 and 7;
- introduction of footnotes in Tables of Annex A;
- deletion of Annex C, Elevated temperature proof strength.

The EN 10250 series, *Open die steel forgings for general engineering purposes*, consists of the following parts:

- *Part 1: General requirements;*
- *Part 2: Non-alloy quality and special steels;*
- *Part 3: Alloy special steels;*
- *Part 4: Stainless steels.*

According to the CEN-CENELEC Internal Regulations, the national standards organisations of the following countries are bound to implement this European Standard: Austria, Belgium, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Republic of North Macedonia, Romania, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and the United Kingdom.

EN 10250-4:2021 (E)**1 Scope**

This document specifies the technical delivery requirements for open die forgings, forged bars and products pre-forged and finished in ring rolling mills, manufactured from stainless steels with ferritic, martensitic, austenitic and austenitic-ferritic structures.

NOTE The majority of steels listed in this part of EN 10250 are identical to steels specified EN 10088-3 and EN 10028-7, and more extensive information on properties is given in these European Standards.

General information on technical delivery conditions is given in EN 10021.

2 Normative references

The following documents are referred to in the text in such a way that some or all of their content constitutes requirements 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.

EN 10250-1:1999, *Open die steel forgings for general engineering purposes - Part 1: General requirements*

koniec náhľadu – text ďalej pokračuje v platenej verzii STN