SLOVENSKI STANDARD
SIST EN 1993-1-3:2024/oprA1:2026

01-maj-2026

Evrokod 3 - Projektiranje jeklenih konstrukcij - 1-3. del: Hladno oblikovani profili in pločevina

Eurocode 3 - Design of steel structures - Part 1-3: Cold-formed members and sheeting

Eurocode 3 - Bemessung und Konstruktion von Stahlbauten - Teil 1-3: Kaltgeformte Bauteile und Profiltafeln

Eurocode 3 - Calcul des structures en acier - Partie 1-3: Règles générales - Profilés et plaques formés à froid

Ta slovenski standard je istoveten z: **EN 1993-1-3:2024/prA1**

ICS:

91.010.30	Tehnični vidiki	Technical aspects
91.080.13	Jeklene konstrukcije	Steel structures

SIST EN 1993-1-3:2024/oprA1:2026 **en,fr,de**

EUROPEAN STANDARD

NORME EUROPÉENNE

EUROPÄISCHE NORM

DRAFT
EN 1993-1-3:2024

prA1

March 2026

ICS

English Version

Eurocode 3 - Design of steel structures - Part 1-3: Cold-formed members and sheeting

Eurocode 3 - Calcul des structures en acier - Partie 1-3: Règles générales - Profilés et plaques formés à froid

Eurocode 3 - Bemessung und Konstruktion von Stahlbauten - Teil 1-3: Kaltgeformte Bauteile und Profiltafeln

This draft amendment is submitted to CEN members for enquiry. It has been drawn up by the Technical Committee CEN/TC 250.

This draft amendment A1, if approved, will modify the European Standard EN 1993-1-3:2024. If this draft becomes an amendment, CEN members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for inclusion of this amendment into the relevant national standard without any alteration.

This draft amendment was established by CEN 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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Recipients of this draft are invited to submit, with their comments, notification of any relevant patent rights of which they are aware and to provide supporting documentation.

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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 1993-1-3:2024/prA1:2026) has been prepared by Technical Committee CEN/TC 250 “Structural Eurocodes”, the secretariat of which is held by BSI. CEN/TC 250 is responsible for all Structural Eurocodes and has been assigned responsibility for structural and geotechnical design matters by CEN.

This document is currently submitted to the CEN Enquiry.

This document will amend EN 1993-1-3:2024.

NOTE Some modifications are purely editorial corrections to improve the quality of the document and these will not be tagged in the consolidated publication, as noted after the modification.

The first generation of EN Eurocodes was published between 2002 and 2007. This document forms part of the second generation of the Eurocodes, which have been prepared under Mandate M/515 issued to CEN by the European Commission and the European Free Trade Association.

The Eurocodes have been drafted to be used in conjunction with relevant execution, material, product and test standards, and to identify requirements for execution, materials, products and testing that are relied upon by the Eurocodes.

The Eurocodes recognise the responsibility of each Member State and have safeguarded their right to determine values related to regulatory safety matters at national level through the use of National Annexes.

1 Modifications throughout the whole document

Add "-1:2023+A1:2026" *to the reference "*EN 1990" *in clause 2 and update throughout the text when a dated reference is given.*

*Add part number "-1" to the reference "*EN 1990" *and update throughout the text when an undated reference is given.*

Replace the number of the CEN/TR "prCEN/TR 1993-1-103" with "FprCEN/TR 1993-1-102" throughout the text.

2 Modification to Introduction

0.1 *Replace* "— New parts are under development, e.g. Eurocode for design of structural glass"

with "— EN 19100, Eurocode 10 — Design of structural glass"

0.1 *Add the following new list item:* "— New parts are under development, e.g. Eurocode for design of fibre-polymer composite structures and for design of tensioned membrane structures"

0.2 *Replace the list of the various parts of EN 1993 with:*

EN 1993-1-1, *Eurocode 3 — Design of Steel Structures — Part 1-1: General rules and rules for buildings*;

EN 1993-1-2, *Eurocode 3 — Design of Steel Structures — Part 1-2: Structural fire design*;

EN 1993-1-3, *Eurocode 3 — Design of Steel Structures — Part 1-3: Cold-formed members and sheeting*;

NOTE Cold-formed hollow sections supplied according to EN 10219 (all parts) are covered in EN 1993-1-1.

EN 1993-1-4, *Eurocode 3 — Design of Steel Structures — Part 1-4: Stainless steel structures*;

EN 1993-1-5, *Eurocode 3 — Design of Steel Structures — Part 1-5: Plated structural elements*;

EN 1993-1-6, *Eurocode 3 — Design of Steel Structures — Part 1-6: Strength and stability of shell structures*;

EN 1993-1-7, *Eurocode 3 — Design of Steel Structures — Part 1-7: Plate assemblies with elements under transverse loads*;

EN 1993-1-8, *Eurocode 3 — Design of Steel Structures — Part 1-8: Joints*;

EN 1993-1-9, *Eurocode 3 — Design of Steel Structures — Part 1-9: Fatigue*;

EN 1993-1-10, *Eurocode 3 — Design of Steel Structures — Part 1-10: Material toughness and through-thickness properties*;

EN 1993-1-11, *Eurocode 3 — Design of Steel Structures — Part 1-11: Tension components*;

EN 1993-1-12, *Eurocode 3 — Design of Steel Structures — Part 1-12: Additional rules for steel grades up to S960*;

EN 1993-1-13, *Eurocode 3 — Design of Steel Structures — Part 1-13: Beams with large web openings*;

EN 1993-1-14, *Eurocode 3 — Design of Steel Structures — Part 1-14: Design assisted by finite element analysis*;

EN 1993-2, *Eurocode 3 — Design of Steel Structures — Part 2: Bridges*;

EN 1993-3, *Eurocode 3 — Design of Steel Structures — Part 3: Towers, masts and chimneys*;

EN 1993-4-1, *Eurocode 3 — Design of Steel Structures — Part 4-1: Silos*;

EN 1993-4-2, *Eurocode 3 — Design of Steel Structures — Part 4-2: Tanks*;

EN 1993-5, *Eurocode 3 — Design of Steel Structures — Part 5: Piling*;

EN 1993-6, *Eurocode 3 — Design of Steel Structures — Part 6: Crane supporting structures*;

EN 1993-7, *Eurocode 3 — Design of Steel Structures — Part 7: Sandwich panels* (under preparation).

3 Modification to Clause 3, "Terms and definitions"

3.1.6.13 *Add new term and definition as follows*:

"

3.1.6.13

pull-through resistance

failure mode of fastenings in which the fastened component I (for bolt fastenings it also applies to component II) is pulled over the head of the fastener (for bolt fastenings it also applies to the nut) and, if present, over the washer; often accompanied with large deformations and tearing of the component

".

3.1.6.14 *Add new term and definition as follows*:

"

3.1.6.14

ull-out resistance

failure mode of fastenings in which the fastener is pulled out of component II; in threaded fastenings accompanied with stripping of the threads of the fastener and/or of component II (supporting structure)

".

3.2.1 *Delete the index* "c" *and add index* ",com" *in the definition for* $M_{lt,c,Rd}$ *to read:* "$M_{lt,Rd,com}$".

3.2.1 *Delete the index* "t" *and add index* ",ten" *in the definition for* $M_{lt,t,Rd}$ *to read:* "$M_{lt,Rd,ten}$".

3.1.1.3 *Add "*of the sheet*" in the definition for the nominal thickness to read:* "**nominal thickness** target average thickness of the sheet after cold-forming specified by the steel supplier, inclusive of zinc and other metallic coating layers, but not including organic coatings".

3.1.1.4 *Add "*of the the sheet*" in the definition for the steel core thickness to read:* "**steel core thickness** nominal thickness of the sheet minus zinc and other metallic coating layers".

3.1.4.1 *Add "*of the the sheet*" in the definition for the design thickness to read:* "**design thickness** steel thickness of the sheet used in design by calculation, according to 3.3.3(6) and 5.2.4".

3.2.2 *Delete "*sheet*" in the definition for* t_{nom} *to read*: "t_{nom} nominal thickness after cold-forming, inclusive of zinc and other metallic coatings, but not including any organic coatings".

3.2.2 *Replace "*z_c*" with "*z_{com}".

3.2.2 *Replace "*z_t*"with "*z_{ten}".

3.2.2 *Replace "*y-coordinate*" with "*z-coordinate*" in the definition for the shear centre coordinate* z_0 *to read:* "z-coordinate of the shear centre relative to the centroid of the gross cross-section".