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**Evrokod 3: Projektiranje jeklenih konstrukcij - 1-4. del: Splošna pravila - Dodatna pravila za nerjavna jekla**

Eurocode 3 - Design of steel structures - Part 1-4: General rules - Supplementary rules for stainless steels

Eurocode 3 - Bemessung und Konstruktion von Stahlbauten - Teil 1-4: Allgemeine Bemessungsregeln - Ergänzende Regeln zur Anwendung von nichtrostender Stählen

Eurocode 3 - Calcul des structures en acier - Partie 1-4: Règles générales - Règles supplémentaires pour les aciers inoxydables

**Ta slovenski standard je istoveten z: EN 1993-1-4:2006/prA2**

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**ICS:**

77.140.20	Visokokakovostna jekla	Stainless steels
91.010.30	Tehnični vidiki	Technical aspects
91.080.13	Jeklene konstrukcije	Steel structures

**SIST EN 1993-1-4:2007/oprA2:2020**      **en,fr,de**

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Full standard:  
<https://standards.iteh.ai/catalog/standards/sist/a5be8c8a-9e59-4d2f-b7bc-0939ed9df8e4/sist-en-1993-1-4-2007-opr-a2-2020>

EUROPEAN STANDARD  
NORME EUROPÉENNE  
EUROPÄISCHE NORM

**DRAFT**  
**EN 1993-1-4:2006**  
**prA2**

June 2020

ICS 91.010.30; 91.080.13

English Version

## Eurocode 3 - Design of steel structures - Part 1-4: General rules - Supplementary rules for stainless steels

Eurocode 3 - Calcul des structures en acier - Partie 1-4:  
Règles générales - Règles supplémentaires pour les  
aciers inoxydables

Eurocode 3 - Bemessung und Konstruktion von  
Stahlbauten - Teil 1-4: Allgemeine Bemessungsregeln -  
Ergänzende Regeln zur Anwendung von  
nichtrostender Stählen

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 A2, if approved, will modify the European Standard EN 1993-1-4:2006. 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

**CEN-CENELEC Management Centre: Rue de la Science 23, B-1040 Brussels**

## Contents

Page

European foreword.....	3
1 Modifications to 5.4.2.1, "Buckling curves" .....	4

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## European foreword

This document (EN 1993-1-4:2006/prA2:2020) has been prepared by Technical Committee CEN/TC 250 “Structural Eurocodes”, the secretariat of which is held by BSI.

This document is currently submitted to the CEN Enquiry.

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## EN 1993-1-4:2006/prA2:2020 (E)

## 1 Modifications to 5.4.2.1, "Buckling curves"

Replace Table 5.3 by the following one:

"

Table 5.3 — Values of  $\alpha$  and  $\bar{\lambda}_0$  for flexural, torsional and torsional-flexural buckling

Buckling mode	Type of member	Axis of buckling	Austenitic and austenitic-ferritic		Ferritic	
			$\alpha$	$\bar{\lambda}_0$	$\alpha$	$\bar{\lambda}_0$
Flexural	Cold formed angles and channels	Any	0,76	0,2	0,76	0,2
	Cold formed lipped channels	Any	0,49	0,2	0,49	0,2
	Cold formed rectangular hollow sections	Any	0,49	0,3	0,49	0,2
	Cold formed circular hollow sections	Any	0,49	0,2	0,49	0,2
	Hot finished rectangular hollow sections	Any	0,49	0,2	0,34	0,2
	Hot finished circular hollow sections	Any	0,49	0,2	0,34	0,2
	Hot rolled sections and welded open or box sections	Major	0,49	0,2	0,49	0,2
Minor		0,76	0,2	0,76	0,2	
Torsional and torsional-flexural	All members	The values of $\alpha$ and $\bar{\lambda}_0$ for flexural buckling about the minor axis apply.				

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