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oSIST prEN 10131:2027

01-januar-2027

Hladno valjani ploščati proizvodi za hladno oblikovanje, neprevlečeni in pocinkani ali prevlečeni s cink-nikljem, iz maloogljičnega jekla z veliko napetostjo tečenja - Mejni odstopki mer in tolerance oblike

Cold rolled uncoated and zinc or zinc-nickel electrolytically coated low carbon and high yield strength steel flat products for cold forming - Tolerances on dimensions and shape

Kaltgewalzte Flacherzeugnisse ohne Überzug und mit elektrolytischem Zink- oder Zink-Nickel-Überzug aus weichen Stählen sowie aus Stählen mit höherer Streckgrenze zum Kaltumformen - Grenzabmaße und Formtoleranzen

Produits plats laminés à froid, non revêtus ou revêtus de zinc ou de zinc-nickel par voie électrolytique, en acier à bas carbone et en acier à haute limite d'élasticité pour formage à froid - Tolérances sur les dimensions et sur la forme

Ta slovenski standard je istoveten z: **prEN 10131**

ICS:

77.140.50	Ploščati jekleni izdelki in polizdelki	Flat steel products and semi-products

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EUROPEAN STANDARD

NORME EUROPÉENNE

EUROPÄISCHE NORM

DRAFT
prEN 10131

October 2026

ICS

Will supersede EN 10131:2006

English Version

Cold rolled uncoated and zinc or zinc-nickel electrolytically coated low carbon and high yield strength steel flat products for cold forming - Tolerances on dimensions and shape

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This draft European Standard is submitted to CEN members for enquiry. It has been drawn up by the Technical Committee CEN/TC 459/SC 9.

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European foreword

This document (prEN 10131:202X) has been prepared by Technical Committee CEN/TC 459/SC 9 "Coated and uncoated flat products to be used for cold forming", the secretariat of which is held by AFNOR.

This document is currently submitted to the CEN Enquiry.

This document will supersede EN 10131:2006.

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prEN 10131 (E)

1 Scope

This document applies to cold rolled uncoated and electrolytically zinc or zinc-nickel coated low carbon steel products, steel products with high yield strength steel, low carbon steel flat products for vitreous enamelling, sheet and strip for welded gas cylinders and multiphase steel flat products for cold forming with a minimum thickness of 0,20 mm and, unless otherwise agreed at the time of ordering, less than or equal to 3 mm thick, delivered in sheet, wide strip , slit wide strip or cut lengths obtained from slit wide strip or sheet. The concerned standards are EN 10130 [1], EN 10152 [2], EN 10271 [3], EN 10268:2006+A1 [4], EN 10209 [5] and cold rolled products in EN 10120 [6] and EN 10338 [7].

The tolerances of this document can also be used for deliveries of non-standardized products.

It also applies to other cold rolled steel flat products with metallic coatings applied in other continuous processes, e.g. jet vapour deposition**,** except for hot-dip coating.

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 10079, *Definition of steel products*

3 Terms and definitions

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For the purposes of this document, the following terms and definitions given in EN 10079 and the following apply.

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- ISO Online browsing platform: available at http://www.iso.org/obp
- IEC Electropedia: available at http://www.electropedia.org/

3.1
nominal (specified) thickness
ordered thickness of the coated or uncoated product

Note 1 to entry: In the case of coated products, nominal thickness includes steel core and coating.

3.2
wide strip
cold rolled steel flat products with a rolling width ≥ 600 mm

3.3
slit wide strip
cold rolled steel flat products with a rolling width ≥ 600 mm, slit to a width less than 1 200 mm

4 Information to be supplied by the purchaser

4.1 General

Products related to this document shall be designated in the following order (see also Clause 5):

a) quantity to be delivered;

b) type of product (sheet, *wide strip* (3.2) , *slit wide strip* (3.3) or cut length);

c) reference to this document i.e. EN 10131;

d) *nominal thickness* (3.1) in millimetres;

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e) nominal width in millimetres;

f) nominal length in millimetres (sheets and cut lengths only);

4.2 Options

A number of options are specified in this document and listed below. If the purchaser does not indicate the wish to implement any of these options, the products shall be supplied in accordance with the normal specification of this document (see 4.1 and 5.1).

a) whether the products are to be supplied with special tolerances on thickness, add letter S (see Clause 6)

b) whether the products are to be supplied with: - mill edges tolerances on width, add letter M, - large tolerances on width, add letter L, - special tolerances on width, add letter S (see Clause 7);

c) whether the products are to be supplied with special tolerances on length (sheets and cut lengths only), add letter S (see Clause 8);

d) whether the products are to be supplied with special tolerances on flatness, add symbol FS (see Clause 9);

e) whether the products are to be supplied with special tolerances on camber, add symbol CS (see Clause 11);

f) whether the products are to be supplied with transposed tolerances in accordance with Annex A or Annex B .

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4.3 Designation

The product designation in accordance with 4.1 and 4.2 shall be followed by the complete designation of the steel ordered (e.g. according to EN 10130 [1]).

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EXAMPLE 1 100 tonnes of *wide strip* (3.2) according to this document of *nominal thickness* (3.1) 1,20 mm, nominal width of 1 500 mm in steel DC04-A-m as specified in EN 10130 [1] :

100 t *wide strip* (3.2) EN 10131-1,20x1500

Steel EN 10130 [1] -DC04-A-m

EXAMPLE 2 50 sheets according to this document of *nominal thickness* (3.1) 0,80 mm ordered with special thickness tolerance (S), nominal width of 1 200 mm with special tolerances on width (S), nominal length of 2 500 mm and with special tolerances on flatness (FS) in steel DC06-B-g as specified in EN 10130 [1] :

50 sheets EN 10131-0,80Sx1200Sx2500FS

Steel EN 10130 [1] -DC06-B-g

EXAMPLE 3 30 tonnes of *wide strip* (3.2) according to this document of *nominal thickness* (3.1) 0,80 mm ordered with transposed tolerances on the positive side, nominal width of 1000 mm with large tolerances on width (L) in steel HC340LA as specified in EN 10268:2006+A1 [4] :

30 t *wide strip* (3.2) EN 10131 0,80x1000L with thickness tolerances from Annex A

Steel EN 10268:2006+A1 [4] -HC340LA

5 Forms of supply

5.1 Flat products according to this document may be delivered as follows:

a) with normal or special thickness tolerances (see Table 1, Table 2, Table 3 and Table 4);

b) with mill edges, large, normal or special width tolerances (see Table 5 and Table 6);

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