

STN	Ploché oceľové výrobky valcované za studena s vysokou medzou klzu na tvárnenie za studena. Technické dodacie podmienky.	STN EN 10268:2006+A1 42 6313
------------	--	--

Cold rolled steel flat products with high yield strength for cold forming - Technical delivery conditions

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. 02/14

Obsahuje: EN 10268:2006+A1:2013

Oznámením tejto normy sa ruší
STN EN 10268 (42 6313) z januára 2007

EUROPEAN STANDARD

EN 10268:2006+A1

NORME EUROPÉENNE

EUROPÄISCHE NORM

September 2013

ICS 77.140.50

Supersedes EN 10268:2006

English Version

Cold rolled steel flat products with high yield strength for cold forming - Technical delivery conditions

Produits plats laminés à froid à haute limite d'élasticité pour
formage à froid - Conditions techniques de livraison

Kaltgewalzte Flacherzeugnisse aus Stählen mit hoher
Streckgrenze zum Kaltumformen - Technische
Lieferbedingungen

This European Standard was approved by CEN on 12 June 2006 and includes Amendment 1 approved by CEN on 5 July 2013.

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.

CEN members are the national standards bodies of Austria, Belgium, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, Former Yugoslav Republic of Macedonia, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and United Kingdom.



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

Management Centre: Avenue Marnix 17, B-1000 Brussels

Contents

Page

Foreword.....	3
1 Scope	4
2 Normative references	4
3 Terms and definitions	5
4 Designation	5
5 Requirements	6
5.1 Steelmaking and manufacturing processes	6
5.2 Chemical composition	6
5.3 Delivery conditions	6
5.4 Mechanical properties	7
5.5 Surface characteristics	9
5.5.1 General.....	9
5.5.2 Surface quality	9
5.5.3 Surface finish	9
5.5.4 \square_{A1} Freedom from stretcher strains \square_{A1}	10
5.6 Suitability for surface coating	10
5.7 Weldability	10
5.8 Tolerances on dimensions and shape	10
6 Tests.....	10
6.1 General.....	10
6.2 Inspection units	10
6.2.1 Products of rolled width ≥ 600 mm	10
6.2.2 Products of rolled width < 600 mm	10
6.3 Number of tests.....	11
6.4 Sampling	11
6.5 Test methods.....	11
6.6 Chemical analysis.....	11
6.7 Retests	11
6.8 Inspection document.....	11
7 Marking	12
7.1 Products of rolled width ≥ 600 mm	12
7.2 Products of rolled width < 600 mm	12
8 Packing	12
9 Disputes	12
10 Information to be supplied by the purchaser at the time of enquiry and order	12
Bibliography.....	13

Foreword

This document (EN 10268:2006+A1:2013) has been prepared by Technical Committee ECISS/TC 109 “Coated and uncoated flat products to be used for cold forming”, 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 March 2014, and conflicting national standards shall be withdrawn at the latest by March 2014.

A1 Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CEN [and/or CENELEC] shall not be held responsible for identifying any or all such patent rights. **A1**

This document includes Amendment 1 approved by CEN on 5 July 2013.

This document supersedes **A1** EN 10268:2006 **A1**.

The start and finish of text introduced or altered by amendment is indicated in the text by tags **A1** **A1**.

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, Former Yugoslav Republic of Macedonia, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and the United Kingdom.

1 Scope

This European Standard applies to cold rolled uncoated steel flat products for cold forming with high yield strength. The thickness is equal to or less than 3 mm.

These products are delivered in sheet, wide strip, slit wide strip, narrow strip or cut lengths obtained from slit wide strip, narrow strip or sheet.

2 Normative references

[A1] 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. **[A1]**

[A1] *deleted text* **[A1]**

EN 10020:2000, *Definition and classification of grades of steel*

[A1] EN 10021:2006, *General technical delivery conditions for steel products* **[A1]**

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

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

[A1] EN 10079:2007 **[A1]**, *Definition of steel products*

EN 10130, *Cold rolled low carbon steel flat products for cold forming - Technical delivery conditions*

EN 10131, *Cold rolled uncoated low carbon and high yield strength steel flat products for cold forming - Tolerances on dimensions and shape*

EN 10139, *Cold rolled uncoated mild steel narrow strip for cold forming - Technical delivery conditions*

EN 10140, *Cold rolled narrow steel strip - Tolerances on dimensions and shape*

EN 10204:2004, *Metallic products - Types of inspection documents*

[A1] EN 10325, *Steel — Determination of yield strength increase by the effect of heat treatment [Bake-Hardening-Index]* **[A1]**

EN ISO 377, *Steel and steel products - Location and preparation of samples and test pieces for mechanical testing (ISO 377:1997)*

[A1] EN ISO 6892-1:2009, *Metallic materials — Tensile testing — Part 1: Method of test at room temperature (ISO 6892-1:2009)* **[A1]**

EN ISO 14284, *Steel and iron - Sampling and preparation of samples for the determination of chemical composition (ISO 14284:1996)*

ISO 10113, *Metallic materials - Sheet and strip - Determination of plastic strain ratio*

ISO 10275, *Metallic materials - Sheet and strip - Determination of tensile strain hardening exponent*

koniec náhľadu – text ďalej pokračuje v platenej verzii STN