

SLOVENSKI STANDARD

SIST EN ISO 3581:2012

01-maj-2012

Nadomešča:
SIST EN 1600:1999

Dodajni materiali za varjenje - Oplaščene elektrode za ročno obločno varjenje nerjavnih in ognjeodpornih jekel - Klasifikacija (ISO 3581:2003+Cor 1:2008+Amd 1:2011)

Welding consumables - Covered electrodes for manual metal arc welding of stainless and heat-resisting steels - Classification (ISO 3581:2003+Cor 1:2008+Amd 1:2011)

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Schweißzusätze - Umhüllte Stabelektroden zum Lichtbogenhandschweißen von nichtrostenden und hitzebeständigen Stählen - Einteilung (ISO 3581:2003+Cor 1:2008+Amd 1:2011)

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Produits consommables pour le soudage - Électrodes enrobées pour le soudage manuel à l'arc des aciers inoxydables et résistant aux températures élevées - Classification (ISO 3581:2003+Cor 1:2008+Amd 1:2011)

Ta slovenski standard je istoveten z: EN ISO 3581:2012

ICS:

25.160.20 Potrošni material pri varjenju Welding consumables

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en,fr,de

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EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

EN ISO 3581

February 2012

ICS 25.160.20

Supersedes EN 1600:1997

English Version

**Welding consumables - Covered electrodes for manual metal
arc welding of stainless and heat-resisting steels - Classification
(ISO 3581:2003+Cor 1:2008+Amd 1:2011)**

Produits consommables pour le soudage - Électrodes
enrobées pour le soudage manuel à l'arc des aciers
inoxydables et résistant aux températures élevées -
Classification (ISO 3581:2003+Cor 1:2008+Amd 1:2011)

Schweißzusätze - Umhüllte Stabelektroden zum
Lichtbogenhandschweißen von nichtrostenden und
hitzebeständigen Stählen - Einteilung (ISO 3581:2003+Cor
1:2008+Amd 1:2011)

This European Standard was approved by CEN on 8 January 2012.

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, 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

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Foreword

The text of ISO 3581:2003+Cor 1:2008+Amd 1:2011 has been prepared by Technical Committee ISO/TC 44 "Welding and allied processes" of the International Organization for Standardization (ISO) and has been taken over as EN ISO 3581:2012 by Technical Committee CEN/TC 121 "Welding" the secretariat of which is held by DIN.

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 August 2012, and conflicting national standards shall be withdrawn at the latest by August 2012.

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.

This document supersedes EN 1600:1997.

According to the CEN/CENELEC Internal Regulations, the national standards organizations 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, Romania, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and the United Kingdom.

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Endorsement notice

The text of ISO 3581:2003+Cor 1:2008+Amd 1:2011 has been approved by CEN as a EN ISO 3581:2012 without any modification.

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INTERNATIONAL STANDARD

ISO 3581

Second edition
2003-02-01

Welding consumables — Covered electrodes for manual metal arc welding of stainless and heat-resisting steels — Classification

*Produits consommables pour le soudage — Électrodes enrobées pour
le soudage manuel à l'arc des aciers inoxydables et résistant aux
températures élevées — Classification*

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ISO 3581:2003(E)**Foreword**

ISO (the International Organization for Standardization) is a worldwide federation of national standards bodies (ISO member bodies). The work of preparing International Standards is normally carried out through ISO technical committees. Each member body interested in a subject for which a technical committee has been established has the right to be represented on that committee. International organizations, governmental and non-governmental, in liaison with ISO, also take part in the work. ISO collaborates closely with the International Electrotechnical Commission (IEC) on all matters of electrotechnical standardization.

International Standards are drafted in accordance with the rules given in the ISO/IEC Directives, Part 2.

The main task of technical committees is to prepare International Standards. Draft International Standards adopted by the technical committees are circulated to the member bodies for voting. Publication as an International Standard requires approval by at least 75 % of the member bodies casting a vote.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. ISO shall not be held responsible for identifying any or all such patent rights.

ISO 3581 was prepared in collaboration with the International Institute of Welding which has been approved by the ISO Council as an international standardizing body in the field of welding.

This second edition cancels and replaces the first edition (ISO 3581:1976), which has been technically revised.

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Introduction

This International Standard provides a classification system for stainless steel, covered welding electrodes in terms of chemical composition of deposited weld metal and type of electrode covering. Other properties of the electrodes are specified by reference to tables.

This International Standard has been prepared by the International Institute of Welding, Commission II "Arc Welding", Subcommittee II-E. It recognizes that there are two somewhat different approaches in the global market, for classifying a given stainless steel, covered electrode, and allows for either or both to be used to suit a particular need. Application of either (or both) type(s) of classification designation identifies a product as classified according to this International Standard. It should be noted that the two systems are not exactly equivalent, therefore each system must be used independent of the other, without combining designators in any way.

The classification according to ISO 3581, system A, is mainly based upon EN 1600; the classification according to ISO 3581, system B, is mainly based upon standards used around the Pacific Rim.

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