



SLOVENSKI STANDARD SIST EN ISO 26945:2011

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Nadomešča:
SIST EN ISO 26945:2009

Kovinske in druge anorganske prevleke - Galvanske prevleke kositer-kobaltovih zlitin (ISO 26945:2011)

Metallic and other inorganic coatings - Electrodeposited coatings of tin-cobalt alloy (ISO 26945:2011)

Metallische und andere anorganische Überzüge - Galvanische Überzüge aus Zinn-Cobalt-Legierungen (ISO 26945:2011)

Revêtements métalliques et autres revêtements inorganiques - Dépôts électrolytiques d'alliage étain-cobalt (ISO 26945:2011)

Ta slovenski standard je istoveten z: EN ISO 26945:2011

ICS:

25.220.40 Kovinske prevleke Metallic coatings

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EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

EN ISO 26945

February 2011

ICS 25.220.40

Supersedes EN ISO 26945:2008

English Version

Metallic and other inorganic coatings - Electrodeposited coatings of tin-cobalt alloy (ISO 26945:2011)

Revêtements métalliques et autres revêtements
inorganiques - Dépôts électrolytiques d'alliage étain-cobalt
(ISO 26945:2011)

Metallische und andere anorganische Überzüge -
Galvanische Überzüge aus Zinn-Cobalt-Legierungen (ISO
26945:2011)

This European Standard was approved by CEN on 8 February 2011.

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.

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EUROPEAN COMMITTEE FOR STANDARDIZATION
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Foreword

This document (EN ISO 26945:2011) has been prepared by Technical Committee ISO/TC 107 "Metallic and other inorganic coatings" in collaboration with Technical Committee CEN/TC 262 "Metallic and other inorganic coatings" the secretariat of which is held by BSI.

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of an identical text or by endorsement, at the latest by August 2011, and conflicting national standards shall be withdrawn at the latest by August 2011.

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.

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INTERNATIONAL STANDARD

ISO
26945

Second edition
2011-02-15

Metallic and other inorganic coatings — Electrodeposited coatings of tin-cobalt alloy

*Revêtements métalliques et autres revêtements inorganiques — Dépôts
électrolytiques d'alliage étain-cobalt*

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ISO 26945:2011(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 26945 was prepared by Technical Committee ISO/TC 107, *Metallic and other inorganic coatings*.

This second edition cancels and replaces the first edition (ISO 26945:2008), of which it constitutes a minor revision.

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Introduction

Electrodeposited coating of tin-cobalt alloy is characterized by its bright surface which is similar to decorative chromium coating. Hardness and wear-resistance properties of tin-cobalt alloy coatings are not equivalent to those of chromium coatings, but are similar to those of tin-nickel alloy coatings (see ISO 2179). Thus, tin-cobalt coatings may be regarded, as far as surface lustre is concerned, as one of the possible alternatives to chromium coating. Due to its higher current efficiency (more than 70 %), tin-cobalt alloy coatings can be applied by rack-and-barrel plating processes to a wide range of complicated shapes and sizes, e.g. nuts, bolts, rivets, etc.

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