



SLOVENSKI STANDARD

SIST EN 60404-8-6:2017

01-junij-2017

Nadomešča:

SIST EN 60404-8-6:2009

Magnetni materiali - 8-6. del: Specifikacije za posamezne materiale - Mehkomagnetni kovinski material (IEC 60404-8-6:2016)

Magnetic materials - Part 8-6: Specifications for individual materials - Soft magnetic metallic materials (IEC 60404-8-6:2016)

Magnetische Werkstoffe - Teil 8-6: Anforderungen an einzelne Werkstoffe - Weichmagnetische metallische Werkstoffe (IEC 60404-8-6:2016)

Matériaux magnétiques - Partie 8-6: Spécifications pour matériaux particuliers - Matériaux métalliques magnétiquement doux (IEC 60404-8-6:2016)

Ta slovenski standard je istoveten z: EN 60404-8-6:2017

ICS:

29.030 Magnetni materiali Magnetic materials

SIST EN 60404-8-6:2017 en

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EUROPEAN STANDARD

EN 60404-8-6

NORME EUROPÉENNE

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English Version

**Magnetic materials - Part 8-6: Specifications for individual materials - Soft magnetic metallic materials
(IEC 60404-8-6:2016)**

Matériaux magnétiques - Partie 8-6: Spécifications pour matériaux particuliers - Matériaux métalliques magnétiquement doux
(IEC 60404-8-6:2016)

Magnetische Werkstoffe - Teil 8-6: Anforderungen an einzelne Werkstoffe - Weichmagnetische metallische Werkstoffe
(IEC 60404-8-6:2016)

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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 CENELEC member.

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European Committee for Electrotechnical Standardization
Comité Européen de Normalisation Electrotechnique
Europäisches Komitee für Elektrotechnische Normung

CEN-CENELEC Management Centre: Avenue Marnix 17, B-1000 Brussels

EN 60404-8-6:2017**European foreword**

The text of document 68/528/CDV, future edition 3 of IEC 60404-8-6, prepared by IEC/TC 68 "Magnetic alloys and steels" was submitted to the IEC-CENELEC parallel vote and approved by CENELEC as EN 60404-8-6:2017.

The following dates are fixed:

- latest date by which the document has to be implemented at national level by publication of an identical national standard or by endorsement (dop) 2017-10-21
- latest date by which the national standards conflicting with the document have to be withdrawn (dow) 2020-04-21

This document supersedes EN 60404-8-6:2009.

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In the official version, for Bibliography, the following note has to be added for the standard indicated:

ISO 286-1:2010

NOTE Harmonized as EN ISO 286-1:2010.

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Annex ZA (normative)

Normative references to international publications with their corresponding European publications

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.

NOTE 1 When an International Publication has been modified by common modifications, indicated by (mod), the relevant EN/HD applies.

NOTE 2 Up-to-date information on the latest versions of the European Standards listed in this annex is available here: www.cenelec.eu.

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
IEC 60050-121	-	International Electrotechnical Vocabulary (IEV) - Part 121: Electromagnetism	-	-
IEC 60050-131	-	International Electrotechnical Vocabulary (IEV) - Part 131: Circuit theory	-	-
IEC 60050-221	-	International Electrotechnical Vocabulary (IEV) - Chapter 221: Magnetic materials and components	-	-
IEC 60404-1	-	Magnetic materials - Part 1: Classification	-	-
IEC 60404-2	-	Magnetic materials - Part 2: Methods of measurement of the magnetic properties of electrical steel sheet and strip by means of an Epstein frame	EN 60404-2	-
IEC 60404-4	-	Magnetic materials - Part 4: Methods of measurement of d.c. magnetic properties of magnetically soft materials	EN 60404-4	-
IEC 60404-6	-	Magnetic materials - Part 6: Methods of measurement of the magnetic properties of magnetically soft metallic and powder materials at frequencies in the range 20 Hz to 200 kHz by the use of ring specimens	EN 60404-6	-
IEC 60404-7	-	Magnetic materials - Part 7: Method of measurement of the coercivity of magnetic materials in an open magnetic circuit	-	-
IEC 60404-8-3	-	Magnetic materials - Part 8-3: Specifications of individual materials - Cold-rolled electrical non-alloyed and alloyed steel sheet and strip delivered in the semi-processed state	-	-
IEC 60404-8-4	-	Magnetic materials - Part 8-4: Specifications for individual materials - Cold-rolled non-oriented electrical steel strip and sheet delivered in the fully-processed state	-	-
IEC 60404-8-7	-	Magnetic materials - Part 8-7: Specifications for individual materials - Cold-rolled grain-oriented electrical steel strip and sheet delivered in the fully-processed state	-	-
IEC 60404-8-8	-	Magnetic materials - Part 8: Specifications for individual materials - Section 8: Specification for thin magnetic steel strip for use at medium frequencies	-	-
IEC 60404-8-10	-	Magnetic materials - Part 8-10: Specifications for individual materials - Magnetic materials (iron and steel) for use in relays	-	-

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IEC 60404-9	-	Magnetic materials - Part 9: Methods of determination of the geometrical characteristics of magnetic steel sheet and strip	-	-
IEC 60635	-	Toroidal strip-wound cores made of magnetically soft material	-	-
ISO 404	-	Steel and steel products - General technical delivery requirements	-	-
ISO 10474	-	Steel and steel products - Inspection documents	-	-

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NORME INTERNATIONALE

Magnetic materials – Part 8-6: Specifications for individual materials – Soft magnetic metallic materials

Matériaux magnétiques – Partie 8-6: Spécifications pour matériaux particuliers – Matériaux métalliques magnétiquement doux

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INTERNATIONAL ELECTROTECHNICAL COMMISSION

MAGNETIC MATERIALS –**Part 8-6: Specifications for individual materials –
Soft magnetic metallic materials**

FOREWORD

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International Standard IEC 60404-8-6 has been prepared by IEC technical committee 68: Magnetic alloys and steels.

This third edition cancels and replaces the second edition published in 1999 and Amendment 1:2007. This edition constitutes a technical revision.

This edition includes the following significant technical changes with respect to the previous edition:

Removal of Table 2b).

The text of this standard is based on the following documents:

CDV	Report on voting
68/528/CDV	68/552/RVC

Full information on the voting for the approval of this International Standard can be found in the report on voting indicated in the above table.

This document has been drafted in accordance with the ISO/IEC Directives, Part 2.

A list of all parts in the IEC 60404 series, published under the general title *Magnetic materials*, can be found on the IEC website.

The committee has decided that the contents of this publication will remain unchanged until the stability date indicated on the IEC website under "<http://webstore.iec.ch>" in the data related to the specific publication. At this date, the publication will be

- reconfirmed,
- withdrawn,
- replaced by a revised edition, or
- amended.

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