

Materialles magnéticos. Parte 17: Métodos de medición de las características de magnetoestricción de bandas y láminas de acero eléctricas orientadas al grano por medio de un ensayo de lámina simple y un sensor óptico. (Ratificada por la Asociación Española de Normalización en enero de 2022.)

Materiales magnéticos. Parte 17: Métodos de medición de las características de magnetostricción de bandas y láminas de acero eléctricas orientadas al grano por medio de un ensayo de lámina simple y un sensor óptico. (Ratificada por la Asociación Española de Normalización en enero de 2022.)

Magnetic materials - Part 17: Methods of measurement of the magnetostriction characteristics of grain-oriented electrical steel strip and sheet by means of a single sheet tester and an optical sensor (Endorsed by Asociación Española de Normalización in January of 2022.)

Matériaux magnétiques - Partie 17: Méthodes de mesure des caractéristiques de magnétostriction des bandes et tôles magnétiques en acier à grains orientés au moyen d'un essai sur tôle unique et d'un capteur optique (Entérinée par l'Asociación Española de Normalización en janvier 2022.)

En cumplimiento del punto 11.2.5.4 de las Reglas Internas de CEN/CENELEC Parte 2, se ha otorgado el rango de documento normativo español UNE al documento normativo europeo EN IEC 60404-17:2021 (Fecha de disponibilidad 2021-12-10)

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English Version

**Magnetic materials - Part 17: Methods of measurement of the magnetostriction characteristics of grain-oriented electrical steel strip and sheet by means of a single sheet tester and an optical sensor
(IEC 60404-17:2021)**

Matériaux magnétiques - Partie 17: Méthodes de mesure des caractéristiques de magnétostriction des bandes et tôles magnétiques en acier à grains orientés au moyen d'un essai sur tôle unique et d'un capteur optique
(IEC 60404-17:2021)

Magnetische Werkstoffe - Teil 17: Verfahren zur Messung der Magnetostruktioneigenschaften von kornorientiertem Elektroband und -blech mit einem Tafelmessgerät und einem optischen Sensor
(IEC 60404-17:2021)

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Comité Européen de Normalisation Electrotechnique
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European foreword

The text of document 68/685/CDV, future edition 1 of IEC 60404-17, prepared by IEC/TC 68 “Magnetic alloys and steels” was submitted to the IEC-CENELEC parallel vote and approved by CENELEC as EN IEC 60404-17:2021.

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) 2022-09-09
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In the official version, for Bibliography, the following notes have to be added for the standards indicated:

IEC 60404-16:2018 NOTE Harmonized as EN IEC 60404-16:2018 (not modified)

IEC 60076-10:2016 NOTE Harmonized as EN 60076-10:2016 (not modified)

Annex ZA (normative)

Normative references to international publications with their corresponding European publications

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.

NOTE 1 Where 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 60050-103	-	International Electrotechnical Vocabulary - - Part 103: Mathematics - Functions	-	-
IEC 60050-121	-	International Electrotechnical Vocabulary - - Part 121: Electromagnetism	-	-
IEC 60050-221	-	International Electrotechnical Vocabulary. - Chapter 221: Magnetic materials and components	-	-
IEC 60050-801	-	International Electrotechnical Vocabulary - - Chapter 801: Acoustics and electroacoustics	-	-
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 61672-1	2013	Electroacoustics - Sound level meters - Part 1: Specifications	EN 61672-1	2013



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INTERNATIONAL STANDARD

NORME INTERNATIONALE

Magnetic materials –

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Matériaux magnétiques –

Partie 17: Méthodes de mesure des caractéristiques de magnétostriction des bandes et tôles magnétiques en acier à grains orientés au moyen d'un essai sur tôle unique et d'un capteur optique



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