



BSI Standards Publication

Magnetic materials

Part 8-1: Specifications for individual materials —
Permanent magnet (magnetically hard) materials

This is a preview of BS EN IEC 60404-8-1:2023. [Click here to purchase the full version from the ANSI store.](#)

National foreword

This British Standard is the UK implementation of EN IEC 60404-8-1:2023. It is identical to IEC 60404-8-1:2023. It supersedes BS EN 60404-8-1:2015, which is withdrawn.

The UK participation in its preparation was entrusted to Technical Committee ISE/108, Magnetic Alloys and Steels.

A list of organizations represented on this committee can be obtained on request to its committee manager.

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Amendments/corrigenda issued since publication

Date	Text affected
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English Version

Magnetic materials - Part 8-1: Specifications for individual materials - Permanent magnet (magnetically hard) materials (IEC 60404-8-1:2023)

Matériaux magnétiques - Partie 8-1: Spécifications pour matériaux particuliers - Matériaux (magnétiques durs) pour aimants permanents (IEC 60404-8-1:2023)

Magnetische Werkstoffe - Teil 8-1: Anforderungen an einzelne Werkstoffe - Hartmagnetische Werkstoffe (Dauermagnete) (IEC 60404-8-1:2023)

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

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European foreword

The text of document 68/732/CDV, future edition 4 of IEC 60404-8-1, prepared by IEC/TC 68 "Magnetic alloys and steels" was submitted to the IEC-CENELEC parallel vote and approved by CENELEC as EN IEC 60404-8-1:2023.

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) 2024-07-25
- latest date by which the national standards conflicting with the document have to be withdrawn (dow) 2026-10-25

This document supersedes EN 60404-8-1:2015 and all of its amendments and corrigenda (if any).

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Endorsement notice

The text of the International Standard IEC 60404-8-1:2023 was approved by CENELEC as a European Standard without any modification.

In the official version, for Bibliography, the following notes have to be added for the standard indicated:

IEC 60404-1:2016 NOTE Approved as EN 60404-1:2017 (not modified)

IEC 60404-7:2019 NOTE Approved as EN IEC 60404-7:2020 (not modified)

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(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.cencenelec.eu.

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
IEC 60050-121	-	International Electrotechnical Vocabulary - - Part 121: Electromagnetism	-	-
IEC 60050-151	-	International Electrotechnical Vocabulary - - Part 151: Electrical and magnetic devices	-	-
IEC 60050-221	-	International Electrotechnical Vocabulary. - Chapter 221: Magnetic materials and components	-	-
IEC 60404-5	2015	Magnetic materials - Part 5: Permanent magnet (magnetically hard) materials - Methods of measurement of magnetic properties	EN 60404-5	2015

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