
Elektromotorna ročna orodja, prenosna orodja ter stroji za trato in vrt - Varnost - 2-23. del: Posebne zahteve za ročne preme brusilnike in mala rotacijska orodja (IEC 62841-2-23:2024)

Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery - Safety - Part 2-23: Particular requirements for hand-held die grinders and small rotary tools (IEC 62841-2-23:2024 (EQV))

Elektrische motorbetriebene handgeführte Werkzeuge, transportable Werkzeuge und Rasen- und Gartenmaschinen – Sicherheit – Teil 2-23: Besondere Anforderungen für handgeführte Stabschleifer und kleine rotierende Elektrowerkzeuge (IEC 62841-2-23:2024)

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EUROPEAN STANDARD

EN IEC 62841-2-23

NORME EUROPÉENNE

EUROPÄISCHE NORM

March 2026

ICS 25.140.20

English Version

Electric motor-operated hand-held tools, transportable tools and
lawn and garden machinery - Safety - Part 2-23: Particular
requirements for hand-held die grinders and small rotary tools
(IEC 62841-2-23:2024)

Outils électroportatifs à moteur, outils portables et machines
pour jardins et pelouses - Sécurité - Partie 2-23: Exigences
particulières pour les meules à rectifier les matrices
portatives et les outils rotatifs de petite taille
(IEC 62841-2-23:2024)

Elektrische motorbetriebene handgeführte Werkzeuge,
transportable Werkzeuge und Rasen- und
Gartenmaschinen - Sicherheit - Teil 2-23: Besondere
Anforderungen für handgeführte Stabschleifer und kleine
rotierende Elektrowerkzeuge
(IEC 62841-2-23:2024)

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

CEN-CENELEC Management Centre: Rue de la Science 23, B-1040 Brussels

EN IEC 62841-2-23:2026 (E)

European foreword

The text of document 116/759/FDIS, future edition 1 of IEC 62841-2-23, prepared by TC 116 "Safety of motor-operated electric tools" was submitted to the IEC-CENELEC parallel vote and approved by CENELEC as EN IEC 62841-2-23:2026.

The following dates are fixed:

- latest date by which the document has to be implemented at national (dop) 2027-03-31 level by publication of an identical national standard or by endorsement
- latest date by which the national standards conflicting with the (dow) 2030-03-31 document have to be withdrawn

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This document is read in conjunction with EN IEC 62841-2-23:2026/A11:2026.

This document has been prepared under a standardization request addressed to CENELEC by the European Commission. The Standing Committee of the EFTA States subsequently approves these requests for its Member States.

For the relationship with EU Legislation, see informative Annex ZZ, which is an integral part of EN IEC 62841-2-23:2026/A11:2026.

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The text of the International Standard IEC 62841-2-23:2024 was approved by CENELEC as a European Standard without any modification.

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

IEC 62841-2-3 NOTE Approved as EN IEC 62841-2-3



IEC 62841-2-23

Edition 1.0 2024-06

INTERNATIONAL STANDARD

NORME INTERNATIONALE

**Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery – Safety –
Part 2-23: Particular requirements for hand-held die grinders and small rotary tools**

**Outils électroportatifs à moteur, outils portables et machines pour jardins et pelouses – Sécurité –
Partie 2-23: Exigences particulières pour les meules à rectifier les matrices portatives et les outils rotatifs de petite taille**

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INTERNATIONAL ELECTROTECHNICAL COMMISSION

**ELECTRIC MOTOR-OPERATED HAND-HELD TOOLS, TRANSPORTABLE
TOOLS AND LAWN AND GARDEN MACHINERY –
SAFETY –**

**Part 2-23: Particular requirements for hand-held die grinders and
small rotary tools**

FOREWORD

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IEC 62841-2-23 has been prepared by IEC technical committee 116: Safety of motor-operated electric tools. It is an International Standard.

The text of this International Standard is based on the following documents:

| Draft | Report on voting |
|--------------|------------------|
| 116/759/FDIS | 116/797/RVD |

Full information on the voting for its approval can be found in the report on voting indicated in the above table.

The language used for the development of this International Standard is English.

This document was drafted in accordance with ISO/IEC Directives, Part 2, and developed in accordance with ISO/IEC Directives, Part 1 and ISO/IEC Directives, IEC Supplement, available at www.iec.ch/members_experts/refdocs. The main document types developed by IEC are described in greater detail at www.iec.ch/publications.

This document is to be used in conjunction with IEC 62841-1:2014.

This document supplements or modifies the corresponding clauses in IEC 62841-1, so as to convert it into the IEC Standard: Particular requirements for hand-held die grinders and small rotary tools.

Where a particular subclause of IEC 62841-1 is not mentioned in this document, that subclause applies as far as reasonable. Where this document states "addition", "modification" or "replacement", the relevant text in IEC 62841-1 is to be adapted accordingly.

The following print types are used:

- requirements: in roman type;
- *test specifications: in italic type;*
- **terms defined in Clause 3: in bold type**
- notes: in small roman type.

Subclauses, notes, tables and figures which are additional to those in IEC 62841-1 are numbered starting from 101.

Subclauses, notes, tables and figures in Annex K and Annex L which are additional to those in the main body of this document are numbered starting from 301.

A list of all parts in the IEC 62841 series, published under the general title *Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery – Safety*, can be found on the IEC website.

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

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- withdrawn, or
- revised.

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It is the recommendation of the committee that the content of this publication be adopted for implementation nationally not earlier than 36 months from the date of publication.