

INTERNATIONAL STANDARD

NORME INTERNATIONALE

**Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery – Safety –
Part 3-13: Particular requirements for transportable drills**

**Outils électroportatifs à moteur, outils portables et machines pour jardins et pelouses – Sécurité –
Partie 3-13: Exigences particulières pour les perceuses transportables**



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INTERNATIONAL ELECTROTECHNICAL COMMISSION

ELECTRIC MOTOR-OPERATED HAND-HELD TOOLS, TRANSPORTABLE TOOLS AND LAWN AND GARDEN MACHINERY – SAFETY –**Part 3-13: Particular requirements for transportable drills**

FOREWORD

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International Standard IEC 62841-3-13 has been prepared by IEC technical committee 116: Safety of motor-operated electric tools.

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

FDIS	Report on voting
116/309/FDIS	116/315/RVD

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

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

This Part 3-13 is to be used in conjunction with the first edition of IEC 62841-1 (2014).

This Part 3-13 supplements or modifies the corresponding clauses in IEC 62841-1, so as to convert it into the IEC Standard: Particular requirements for transportable drills.

Where a particular subclause of Part 1 is not mentioned in this Part 3-13, that subclause applies as far as relevant. Where this standard states “addition”, “modification” or “replacement”, the relevant text in Part 1 is to be adapted accordingly.

The following print types are used:

- requirements: in roman type;
- *test specifications: in italic type;*
- notes: in small roman type.

The terms defined in Clause 3 are printed in **bold typeface**.

Subclauses, notes and figures which are additional to those in Part 1 are numbered starting from 101.

A list of all parts of the IEC 62841 series, 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 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- withdrawn,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.

NOTE The attention of National Committees is drawn to the fact that equipment manufacturers and testing organizations may need a transitional period following publication of a new, amended or revised IEC publication in which to make products in accordance with the new requirements and to equip themselves for conducting new or revised tests.

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.

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

Part 3-13: Particular requirements for transportable drills

1 Scope

This clause of Part 1 is applicable, except as follows:

Addition:

This part of IEC 62841 applies to transportable **drills**, with manually fed axial movement of the spindle, having a maximum chuck capacity of 13 mm.

NOTE 101 Transportable **drills** are also known as bench **drills** or drill presses.

This part of IEC 62841 does not apply to stationary drilling machines.

This part of IEC 62841 does not apply to radial arm drills.

This part of IEC 62841 does not apply to magnetic drill stands and drill motors.

NOTE 102 Magnetic drill stands and drill motors will be covered by a future part of IEC 62841-3.

NOTE 103 In Europe (EN 62841-3-13), the following conditions apply:

Radial arm drills and stationary drilling machines are covered by EN 12717.

2 Normative references

This clause of Part 1 is applicable.

3 Terms and definitions

This clause of Part 1 is applicable, except as follows:

3.2 accessory

Addition:

Note 1 to entry: Typical **accessories** for **drills** are bits for drilling and deburring.

3.101 drill

tool equipped with a typical three jaw chuck specifically designed to bore holes in various materials such as metal, plastics, wood, etc., consisting of a **drill unit** and a **drill stand**, see Figure 101

Note 1 to entry: The **drill unit** or the chuck is manually moved up and down by a means such as a hand wheel or lever.

3.102 drill unit

device consisting of a motor and the chuck