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Standards

Irish Standard  
I.S. EN IEC 62841-2-6:2020

Electric motor-operated hand-held tools,  
transportable tools and lawn and garden  
machinery - Safety - Part 2-6: Particular  
requirements for hand-held hammers

**I.S. EN IEC 62841-2-6:2020**

*Incorporating amendments/corrigenda/National Annexes issued since publication:*

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## National Foreword

I.S. EN IEC 62841-2-6:2020 is the adopted Irish version of the European Document EN IEC 62841-2-6:2020, Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery - Safety - Part 2-6: Particular requirements for hand-held hammers

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EUROPEAN STANDARD

**EN IEC 62841-2-6**

NORME EUROPÉENNE

EUROPÄISCHE NORM

October 2020

ICS 25.140.20

Supersedes EN 60745-2-6:2010 and all of its  
amendments and corrigenda (if any)

English Version

**Electric motor-operated hand-held tools, transportable tools and  
lawn and garden machinery - Safety - Part 2-6: Particular  
requirements for hand-held hammers  
(IEC 62841-2-6:2020)**

Outils électroportatifs à moteur, outils portables et machines  
pour jardins et pelouses - Sécurité - Partie 2-6 : Exigences  
particulières pour les marteaux portatifs  
(IEC 62841-2-6:2020)

Elektrische motorbetriebene handgeführte Werkzeuge,  
transportable Werkzeuge und Rasen- und  
Gartenmaschinen - Sicherheit - Teil 2-6: Besondere  
Anforderungen für handgeführte Hämmer  
(IEC 62841-2-6:2020)

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Comité Européen de Normalisation Electrotechnique  
Europäisches Komitee für Elektrotechnische Normung

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

## **EN IEC 62841-2-6:2020 (E)**

### **European foreword**

The text of document 116/459/FDIS, future edition 1 of IEC 62841-2-6, prepared by IEC/TC 116 “Safety of motor-operated electric tools” was submitted to the IEC-CENELEC parallel vote and approved by CENELEC as EN IEC 62841-2-6:2020.

The following dates are fixed:

- latest date by which the document has to be implemented at national (dop) 2021-05-10 level by publication of an identical national standard or by endorsement
- latest date by which the national standards conflicting with the (dow) 2024-08-10 document have to be withdrawn

This document supersedes EN 60745-2-6:2010 and all of its amendments and corrigenda (if any).

This Part 2-6 is to be used in conjunction with EN 62841-1:2015 and its amendments.

This Part 2-6 supplements or modifies the corresponding clauses in EN 62841-1:2015, so as to convert it into the European Standard: Particular requirements for hand-held hammers.

Where a particular subclause of Part 1 is not mentioned in this Part 2-6, that subclause applies as far as relevant. When this standard states “addition”, “modification” or “replacement”, the relevant text in Part 1 is to be adapted accordingly.

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**IEC 62841-2-6**

Edition 1.0 2020-07

# **INTERNATIONAL STANDARD**

# **NORME INTERNATIONALE**



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**Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery – Safety –  
Part 2-6: Particular requirements for hand-held hammers**

**Outils électroportatifs à moteur, outils portables et machines pour jardins et pelouses – Sécurité –  
Partie 2-6: Exigences particulières pour les marteaux portatifs**



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**IEC 62841-2-6**

Edition 1.0 2020-07

# **INTERNATIONAL STANDARD**

# **NORME INTERNATIONALE**



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**Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery – Safety –  
Part 2-6: Particular requirements for hand-held hammers**

**Outils électroportatifs à moteur, outils portables et machines pour jardins et pelouses – Sécurité –  
Partie 2-6: Exigences particulières pour les marteaux portatifs**

INTERNATIONAL  
ELECTROTECHNICAL  
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## CONTENTS

|  |    |
|--|----|
| FOREWORD.....  | 4  |
| 1 Scope.....   | 6  |
| 2 Normative references .....   | 6  |
| 3 Terms and definitions .....  | 6  |
| 4 General requirements .....   | 7  |
| 5 General conditions for the tests .....   | 7  |
| 6 Radiation, toxicity and similar hazards.....   | 7  |
| 7 Classification.....  | 7  |
| 8 Marking and instructions.....  | 7  |
| 9 Protection against access to live parts.....   | 8  |
| 10 Starting .....  | 8  |
| 11 Input and current .....   | 8  |
| 12 Heating.....  | 8  |
| 13 Resistance to heat and fire .....   | 9  |
| 14 Moisture resistance .....   | 9  |
| 15 Resistance to rusting.....  | 9  |
| 16 Overload protection of transformers and associated circuits .....   | 9  |
| 17 Endurance .....   | 9  |
| 18 Abnormal operation .....  | 12 |
| 19 Mechanical hazards.....   | 13 |
| 20 Mechanical strength .....   | 23 |
| 21 Construction .....  | 23 |
| 22 Internal wiring.....  | 24 |
| 23 Components .....  | 24 |
| 24 Supply connection and external flexible cords .....   | 25 |
| 25 Terminals for external conductors.....  | 25 |
| 26 Provision for earthing .....  | 25 |
| 27 Screws and connections .....  | 25 |
| 28 Creepage distances, clearances and distances through insulation.....  | 25 |
| Annexes .....  | 26 |
| Annex I (informative) Measurement of noise and vibration emissions.....  | 26 |
| Annex K (normative) Battery tools and battery packs .....  | 39 |
| Annex L (normative) Battery tools and battery packs provided with mains connection<br>or non-isolated sources..... | 44 |
| Annex AA (informative) Loading device.....   | 46 |
| Bibliography.....  | 58 |
| Figure 101 – Example of a testing apparatus .....  | 11 |
| Figure 102 – Reaction torque measurement of single handle tools (1) .....  | 14 |
| Figure 103 – Reaction torque measurement of single handle tools (2) .....  | 15 |
| Figure 104 – Reaction torque measurement of multi handle tools (1) .....   | 16 |
| Figure 105 – Reaction torque measurement of multi handle tools (2) .....   | 17 |

|   |    |
|---|----|
| Figure 106 – Locating point "S" on different power switch and handle designs .....  | 18 |
| Figure 107 – Locating point "F" on different flange designs .....   | 19 |
| Figure 108 – Measurement of length <i>a</i> for stick-type auxiliary handles without flange<br>used on rotary hammers that can also operate in percussion only mode ..... | 20 |
| Figure 109 – Example torque of a tool with a stable signal region .....   | 22 |
| Figure 110 – Example torque of a tool without a stable signal region .....  | 22 |
| Figure 111 – Example torque of a tool with an overload clutch .....   | 23 |
| Figure I.101 – Positions of microphones for the hemispherical measurement surface .....   | 27 |
| Figure I.102 – Test block and example of rebar configuration .....  | 30 |
| Figure I.103 – Testing device .....   | 31 |
| Figure I.104 – Application of load .....  | 32 |
| Figure I.105 – Positions of transducers for percussion hammers .....  | 34 |
| Figure I.106 – Positions of transducers for rotary hammers .....  | 35 |
| Figure AA.1 – Loading device .....  | 47 |
| Figure AA.2 – Details of the stamper SDS-Plus (size 40) .....   | 48 |
| Figure AA.3 – Details of the stamper SDS-Max (size 60) .....  | 49 |
| Figure AA.4 – Details of the stamper HEX 22 (size 60) .....   | 50 |
| Figure AA.5 – Details of the stamper HEX 28 (size 100) .....  | 51 |
| Figure AA.6 – Details of the stamper (generic) .....  | 52 |
| Figure AA.7 – Details of the bottom plate .....   | 53 |
| Figure AA.8 – Details of the cylinder .....   | 54 |
| Figure AA.9 – Details of the cover plate .....  | 55 |
| Figure AA.10 – Details of the flange .....  | 56 |
| Figure AA.11 – Details of the steel ball reaction plate .....   | 57 |
| <br>  |    |
| Table 4 – Required performance levels .....   | 12 |
| Table I.101 – Coordinates of the six microphone positions .....   | 27 |
| Table I.102 – Noise test conditions for rotary hammers .....  | 32 |
| Table I.103 – Concrete specifications .....   | 33 |
| Table I.104 – Detailed example of a concrete formulation that fulfils the requirements<br>of Table I.103 .....  | 33 |
| Table I.105 – Drill bit size .....  | 33 |
| Table I.106 – Vibration test conditions for percussion hammers under load .....   | 36 |
| Table I.107 – Vibration test conditions for rotary hammers .....  | 37 |
| Table 4 – Required performance levels .....   | 40 |
| Table AA.1 – Loading device parameters .....  | 46 |

## INTERNATIONAL ELECTROTECHNICAL COMMISSION

**ELECTRIC MOTOR-OPERATED HAND-HELD TOOLS, TRANSPORTABLE TOOLS AND LAWN AND GARDEN MACHINERY – SAFETY –****Part 2-6: Particular requirements for hand-held hammers**

## FOREWORD

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International Standard IEC 62841-2-6 has been prepared by IEC technical committee 116: Safety of motor-operated electric tools

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

| FDIS         | Report on voting |
|--------------|------------------|
| 116/459/FDIS | 116/466/RVD      |

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

This Part 2-6 is to be used in conjunction with IEC 62841-1:2014.

This Part 2-6 supplements or modifies the corresponding clauses in IEC 62841-1, so as to convert it into the IEC Standard: Particular requirements for hand-held hammers.

Where a particular subclause of Part 1 is not mentioned in this Part 2-6, 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 in 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 web site 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.

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

## Part 2-6: Particular requirements for hand-held hammers

### 1 Scope

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

*Addition:*

This part of IEC 62841 applies to hand-held hammers.

Tools covered by this document include **percussion hammers** and **rotary hammers**, including **rotary hammers** with the capability to rotate only with the percussion system disengaged (drill only mode).

This document does not apply to drills and impact drills.

NOTE 101 Drills and impact drills are covered by IEC 62841-2-1.

This document does not apply to tools that are designed exclusively for driving fasteners, such as palm nailers.

### 2 Normative references

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

*Addition:*

EN 206:2013, *Concrete. Specification, performance, production and conformity*  
EN 206:2013/AMD1:2016

### 3 Terms and definitions

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

*Addition:*

#### 3.101

##### **percussion hammer**

tool equipped with a built-in percussion system where the impact energy is not dependent on the feed force applied by the operator and has no capability of rotational motion

Note 1 to entry: **Percussion hammers** are also known as chisel hammers, hammers, breakers, concrete breakers and picks.

#### 3.102

##### **rotary hammer**

tool capable of rotational motion and equipped with a built-in percussion system where the impact energy is not dependent on the feed force applied by the operator (**rotary hammer mode**) and additionally, may have one or more of the following modes:

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