
Električna motorna ročna orodja, prenosna orodja ter stroji za trato in vrt - Varnost - 3-6. del: Posebne zahteve za premične diamantne svedre s tekočinskim sistemom - Dopolnilo A12

Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery - Safety - Part 3-6: Particular requirements for transportable diamond drills with liquid system

Elektrische motorbetriebene handgeführte Werkzeuge, transportable Werkzeuge und Rasen- und Gartenmaschinen - Sicherheit - Teil 3-6: Besondere Anforderungen für transportable Diamantbohrmaschinen mit Flüssigkeitssystem

<https://standards.iteh.ai/catalog/standards/sist/fc2ce70e-9441-488b-b982-3b1ed579e12a/sist-en-62841-3-6-2014-a12-2022>

Outils électroportatifs à moteur, outils portables et machines pour jardins et pelouses - Sécurité - Partie 3-6: Exigences particulières pour les forets diamantés transportables avec système liquide

Ta slovenski standard je istoveten z: EN 62841-3-6:2014/A12:2022

ICS:

25.080.40	Vrtalniki	Drilling machines
25.140.20	Električna orodja	Electric tools

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EUROPEAN STANDARD

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NORME EUROPÉENNE

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English Version

Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery - Safety - Part 3-6: Particular requirements for transportable diamond drills with liquid system

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This amendment A12 modifies the European Standard EN 62841-3-6:2014; it was approved by CENELEC on 2022-05-16. CENELEC members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this amendment the status of a national standard without any alteration.

Up-to-date lists and bibliographical references concerning such national standards may be obtained on application to the CEN-CENELEC Management Centre or to any CENELEC member.

This amendment exists in three official versions (English, French, German). A version in any other language made by translation under the responsibility of a CENELEC member into its own language and notified to the CEN-CENELEC Management Centre has the same status as the official versions.

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European Committee for Electrotechnical Standardization
Comité Européen de Normalisation Electrotechnique
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EN 62841-3-6:2014/A12:2022 (E)**European foreword**

This document (EN 62841-3-6:2014/A12:2022) has been prepared by CLC/TC 116 "Safety and environmental aspects of motor-operated electric tools".

The following dates are fixed:

- latest date by which this document has to be implemented at national level by publication of an identical national standard or by endorsement (dop) 2023-05-16
- latest date by which the national standards conflicting with this document have to be withdrawn (dow) 2026-05-16

EN 62841-3-6:2014/A12:2022 introduces clarifications on the requirements for liquid systems and extends the range for supply cords in Table 8.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CENELEC shall not be held responsible for identifying any or all such patent rights.

This document has been prepared under a Standardization Request given to CENELEC by the European Commission and the European Free Trade Association, and supports essential requirements of EU Directive(s) / Regulation(s).

For relationship with EU Directive(s) / Regulation(s), see informative Annex ZZ, which is an integral part of this document.

Any feedback and questions on this document should be directed to the users' national committee. A complete listing of these bodies can be found on the CENELEC website.

1 Modification to Clause 1, “Scope”

Add the following to the existing Clause 1:

“This document covers all significant hazards, hazardous situations or hazardous events relevant for tools covered by this standard.

NOTE Z101 Essential requirements not mentioned in Table ZZ.1 are deemed to be not applicable, because the corresponding hazards are either not relevant for tools covered by this document or do not require specific action by the designer.”

2 Modification to Clause 2, “Normative references”

Replace the normative reference “IEC 62841-1:2014” with the following in Clause 2 and throughout the text:

EN 62841-1:2015¹, *Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery - Safety - Part 1: General requirements*

3 Modification to Clause 14, “Moisture resistance”

In 14.5, **delete** NOTE 2 and NOTE 3.

4 Modification to Clause 24, “Supply connection and external flexible cords”

Replace the existing 24.5 with the following:

“**24.5** Replacement of Table 8:

Table 8 — Minimum cross-sectional area of supply cords

Rated current of the tool A	Nominal cross-sectional area mm ²
Up to and including 6	0,75
Over 6 up to and including 10	1
Over 10 up to and including 16	1,5
Over 16 up to and including 25	2,5
Over 25 up to and including 32	4
Over 32 up to and including 40	6
Over 40 up to and including 63	10

¹ As impacted by EN 62841-1:2015/AC:2015 and EN 62841-1:2015/A11:2022.

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5 Replacement of the Annex ZA, “Normative references to international publications with their corresponding European publications”

Replace the existing Annex ZA with the following:

“

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 When 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.

Annex ZA of EN 62841-1:2015 is applicable, except as follows:

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
<i>Addition:</i>				
IEC 61008-1 (mod)	2010	Residual current operated circuit-breakers without integral overcurrent protection for household and similar uses (RCCBs) - Part1: General rules	EN 61008-1	2012
+ A1 (mod)	2012		+ A1	2014
			+ AC	2016
+ A2 (mod)	2013		+ A2	2014
			+ A11	2015
			+ A12	2017
IEC 62841-1	2014	Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery - Safety - Part 1: General requirements	EN 62841-1	2015
			+ AC	2015
			+ A11	2022

“

6 Replacement of the Annex ZZ, “Coverage of Essential Requirements of Directive 2006/42/EC”

Replace the existing Annex ZZ with the following:

“

Annex ZZ (informative)

Relationship between this European Standard and the essential requirements of Directive 2006/42/EC aimed to be covered

This European Standard has been prepared under a Commission’s standardization request “M/396 Mandate to CEN and CENELEC for Standardisation in the field of machinery” to provide one voluntary means of conforming to essential requirements of Directive 2006/42/EC of the European Parliament and of the Council of 17 May 2006 on machinery, and amending Directive 95/16/EC (recast)

Once this standard is cited in the Official Journal of the European Union under that Directive, compliance with the normative clauses of this standard given in Table ZZ.1 confers, within the limits of the scope of this standard, a presumption of conformity with the corresponding essential requirements of that Directive, and associated EFTA regulations.

Table ZZ.1 — Correspondence between this European Standard and Annex I of Directive 2006/42/EC

The relevant Essential Requirements of Directive 2006/42/EC	Clause(s) / sub-clause(s) of this EN	Remarks / Notes:
1.1.2 a)	4	-
1.1.2 c)	8.14.1.1, 18, K.8.14.1.1, K.18, L.8.14.1.1, L.18	-
1.1.3 (Materials and products)	5, 6.1, 21.6, K.5, L.5, L.21	-
1.1.5 (Design of machinery to facilitate its handling)	19.4	-
1.1.6 (Ergonomics)	5, 19.5, 21.18.2, K.5, L.5, L.21	-
1.1.7 (Operating positions)	L.21	-
1.2.1 (Safety and reliability of control systems)	5, 18.6, 18.8, 23.1.6, 23.1.10, 23.1.11, K.5, K.18.6, K.18.8, K.23.1.10, K.23.1.201, L.5, L.18, L.23.1.10	-
1.2.2 (Control devices)	5, 8.5, 8.9, 8.10, 8.11, 21.1, 21.2, 21.4, 21.17, 21.18, K.5, K.21.17.1.2, L.5, L.21	-
1.2.3 (Starting)	5, 21.17, K.5, K.21.17.1.2, L.5, L.21	-
1.2.4.1 (Normal stop)	5, 21.17, K.5, K.21.17.1.2, L.5, L.21	-

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The relevant Essential Requirements of Directive 2006/42/EC	Clause(s) / sub-clause(s) of this EN	Remarks / Notes:
1.2.6 (Failure of the power supply)	5, K.5, L.5, L.21	-
1.3.1 (Risk of loss of stability)	5, 19.101, 19.102, 19.103, K.5, L.5	-
1.3.2 (Risk of break-up during operation)	5, 13.1, 17, 20, 21.23, 27, K.5, K.13.1, K.17, K.20, K.27.1, L.5, L.13.1, L.17, L.20, L.21	-
1.3.3 (Risk due to falling or ejected objects)	5, 18.3, 19.101, 19.102, 19.103, K.5, L.5, L.18, L.21	-
1.3.4 (Risks due to surfaces, edges or angles)	19.2, 21.24, L.21	-
1.3.7 (Risks related to moving parts)	5, 19.1, 19.3, K.5, L.5	-
1.3.8.1 (Moving transmission parts)	5, 19.1, 19.3, K.5, L.5	-
1.3.8.2 (Moving parts involved in the process)	5, 19.1, K.5, L.5	-
1.4.1 (General requirements (for guards and protective devices))	5, 19.1, 20.1, 20.2, 20.3, 20.4, 21.22, K.5, K.20.1, K.20.3, L.5, L.20, L.21	-
1.4.2.1 (Special requirements for fixed guards)	5, 19.1, 19.9, K.5, L.5	-
1.4.2.3 (Special requirements for adjustable guards restricting access)	5, 19.1, K.5, L.5	-
1.5.1 (Risks due to electricity supply)	5, 7, 9, 10, 11, 12, 14, 15, 16, 17, 18.1 to 18.7, 21.3, 21.5 to 21.16, 21.19 to 21.22, 21.25 to 21.34, 22, 23.1.1 to 23.1.5, 23.1.7 to 23.1.9, 23.2, 23.4, 23.5, 24, 25, 26, 27, 28, K.5, K.9, K.12, K.18.1 to K.18.7, K.22, K.24, K.27.1, K.28.1, L.5, L.7.1, L.9, L.10, L.11, L.12, L.14, L.16, L.17, L.18, L.20, L.21, L.22, L.24, L.25, L.26, L.28.1, Annex C	-
1.5.4 (Risks due to errors of fitting)	5, 8.7, 8.8, 8.13, 8.14.2, 21.7, 21.8, 21.19, 27.1, K.5, K.19.201, K.21.201, K.21.203, K.27.1, L.5, L.19.201, L.21	-
1.5.5 (Risks due to extreme temperatures)	5, 12.5, 18.4, K.5, K.12.1, L.5	-

The relevant Essential Requirements of Directive 2006/42/EC	Clause(s) / sub-clause(s) of this EN	Remarks / Notes:
1.5.6 (Risks due to fire)	5, 13, 18.1, 18.2, 18.6, 28.1, K.5, K.12.201, K.13, K.18.1, K.18.6, K.18.201, K.18.202, K.18.203, K.20.1, K.20.3, K.21.201, K.21.203, K.23.201, K.23.202, K.28.1, L.5, L.12.201, L.13, L.18, L.20.201, L.20.202, L.21.201, L.21.203, L.23.201, L.23.202, L.28.1, L.28.201	-
1.5.7 (Risks due to explosion)	5, K.5, K.12.201, K.18.201, K.18.202, K.18.203, K.19.202, K.20.1, K.20.3, K.21.202, K.21.203, L.5, L.12.201, L.18.202, L.18.203, L.18.204, L.19.202, L.20.201, L.20.202, L.21.202, L.21.203	-
1.5.8 (Noise reduction)	21.Z1	-
1.5.10 (Risks due to radiation)	5, 6.1, 6.3, K.5, L.5	-
1.5.11 (Risks due to external radiation)	5, 18.8, K.5, K.18.8, L.5, L.18.8	-
1.5.12 (Risks due to laser radiation)	6.2	-
1.5.13 (Risks due to emissions of hazardous materials and substances)	L.21	-
1.6.1 (Machinery maintenance)	24.1	-
1.6.3 (Isolation of energy sources)	24.1	-
1.7.1 (Information and warnings on machinery)	8.1, 8.2, 8.4, 8.6, K.8.1, K.8.4, L.8.1, L.8.4	-
1.7.2 (Warning of residual risks)	8.2, 8.4, K.8.4, L.8.4	-
1.7.3 (Marking of machinery)	8.3, 8.4, 8.12, K.8.3, K.8.4, L.8.3, L.8.4	-
1.7.4 (Instructions)	8.14	-
1.7.4.1 (General principle for drafting of instructions)	8.14	-
1.7.4.2 (Contents of the instructions)	8.14.1, 8.14.2, 8.14.3, K.8.14.1.1, K.8.14.2, L.8.14.1.1, L.8.14.2	-
1.7.4.3 (Sales literature)	-	Not covered

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WARNING 1 — Presumption of conformity stays valid only as long as a reference to this European standard is maintained in the list published in the Official Journal of the European Union. Users of this standard should consult frequently the latest list published in the Official Journal of the European Union.

WARNING 2 — Other Union legislation may be applicable to the product(s) falling within the scope of this standard.”

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