

INTERNATIONAL STANDARD

NORME INTERNATIONALE

AMENDMENT 2
AMENDEMENT 2

Hand-held motor-operated electric tools – Safety –
Part 2-14: Particular requirements for planers

Outils électroportatifs à moteur – Sécurité –
Partie 2-14: Règles particulières pour les rabots

IT-1 STANDARD PREVIEW
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IEC 60745-2-14:2003/AMD2:2010

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FOREWORD

This amendment has been prepared by IEC committee 116: Safety of hand-held motor-operated electric tools.

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

FDIS	Report on voting
116/35/FDIS	116/43/RVD

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

This amendment modifies Part 2-14 of IEC 60745 to ensure its conformity with the fourth edition (2006) of IEC 60745-1, *Hand-held motor-operated electric tools – Safety – Part 1: General requirements*.

The committee has decided that the contents of the base publication and its amendments 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- withdrawn;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.

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1 Scope

Replace the existing text by the following:

This clause of Part 1 is applicable except as follows:

Addition:

This standard applies to planers.

3 Definitions

Replace the title and existing text of this clause by the following:

3 Terms and definitions

This clause of Part 1 is applicable except as follows:

3.101 planer

tool intended for removing surface material, equipped with a rotating cutting head where the axis of the cutting head is parallel to the base plate

3.102**lift-off device**

device which keeps the blade(s) from making contact when the planer is placed on a flat surface

3.103**cutting head**

assembly of blades, cutter block, blade fixing elements, relevant screws and spindle, the whole being ready for working

8 Marking and instructions

Replace the existing Subclause 8.12.1 by the following:

8.12.1.1 Addition:**Planer safety warnings**

- **Wait for the cutter to stop before setting the tool down.** *An exposed rotating cutter may engage the surface leading to possible loss of control and serious injury.*

NOTE The above warning applies only to planers without an automatic closing guard.

- **Hold the power tool by insulated gripping surfaces only, because the cutter may contact its own cord.** *Cutting a "live" wire may make exposed metal parts of the power tool "live" and could give the operator an electric shock.*
- **Use clamps or another practical way to secure and support the workpiece to a stable platform.** *Holding the work by your hand or against the body leaves it unstable and may lead to loss of control.*

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19 Mechanical hazards

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Replace the existing Subclause 19.1 by the following:

19.1 Addition:

For the requirements given in 19.106, 19.107 and 19.108, only the test probe shown in Figure 102 is used.

Replace the existing Subclause 19.102 by the following:

19.102 At any depth of cut, the distance "b" (see Figure 101) between the rotating circle of the cutting edges and the trailing edge on the side of the adjustable shoe shall not exceed 5 mm measured radially.

Compliance is checked by measurement and by inspection.

Add the following new subclause:

19.111 If a lift-off device is provided, it shall be designed so that

- it is automatically activated, when the planer is lifted up from a horizontal surface, and

- the blade(s) do not make contact, when the planer is set at maximum depth of cut and placed on a horizontal surface.

Compliance is checked by inspection.

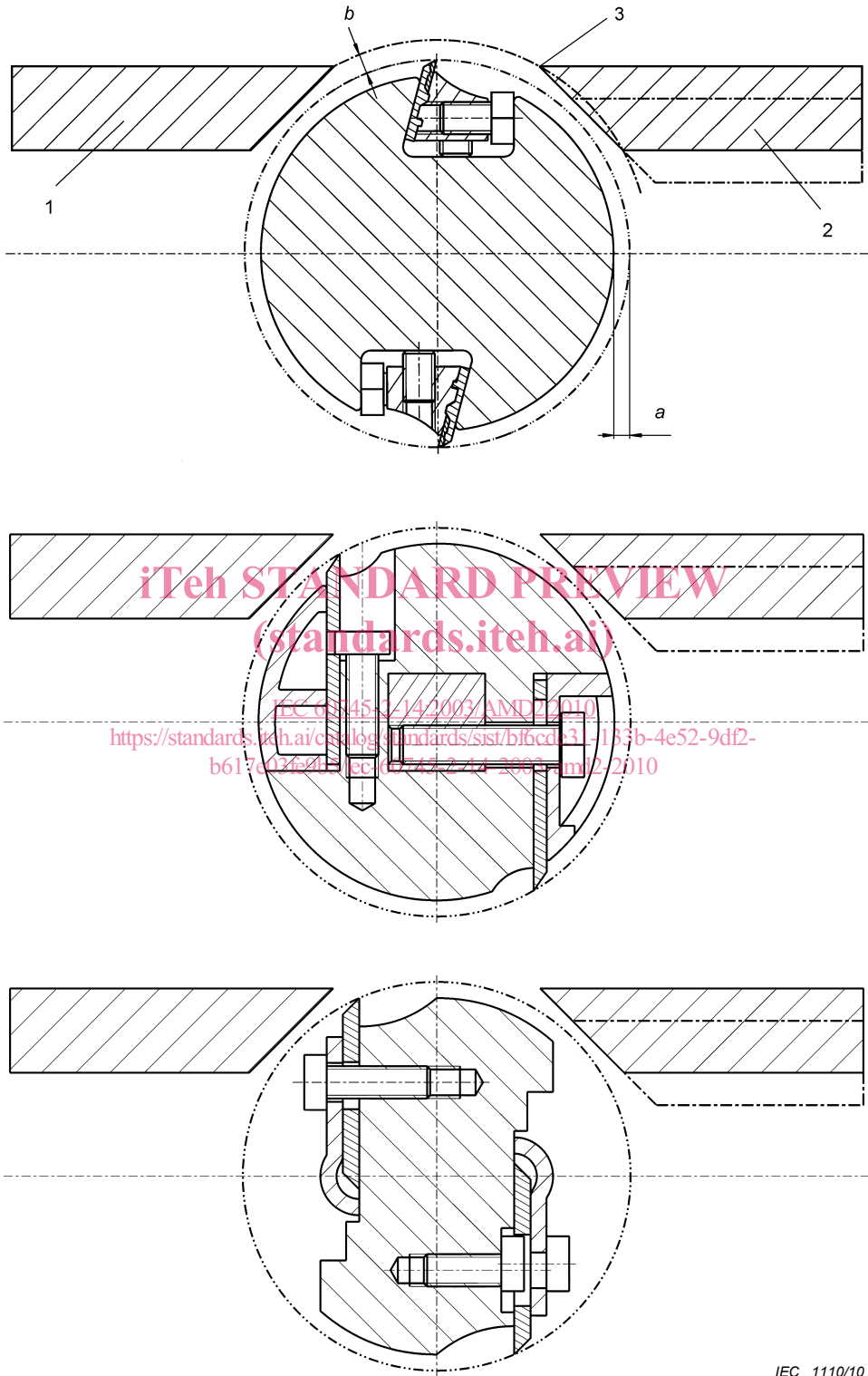
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Figure 101 – Examples of cutting heads with basic dimensions and clearance distances

Replace the existing Figure 101 by the following:



IEC 1110/10

- Key**
- 1 Fixed shoe
 - 2 Adjustable shoe
 - 3 Trailing edge

Figure 101 – Examples of cutting heads with basic dimensions and clearance distances

Annex K – Battery tools and battery packs

Replace the existing text of Annex K by the following:

K.1 Addition:

All clauses of this Part 2 apply unless otherwise specified in this annex.

K.8.12.1.1 Replacement of this subclause of Part 2:

Planer safety warnings

- **Wait for the cutter to stop before setting the tool down.** *An exposed rotating cutter may engage the surface leading to possible loss of control and serious injury.*

NOTE The above warning applies only to planers without an automatic closing guard.

- **Use clamps or another practical way to secure and support the workpiece to a stable platform.** *Holding the work by your hand or against the body leaves it unstable and may lead to loss of control.*

K.12.4 This subclause of Part 2 is not applicable.

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Annex L – Battery tools and battery packs provided with mains connection or non-isolated sources

Replace the existing text of Annex L by the following:

L.1 Addition:

All clauses of this Part 2 apply unless otherwise specified in this annex.

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