
Električna ročna orodja - Varnost - 2-3. del: Posebne zahteve za brusilnike, polirnike in diskovne brusilnike - Dopolnilo A13

Hand-held motor-operated electric tools - Safety - Part 2-3: Particular requirements for grinders, polishers and disk-type sanders

Handgeführte motorbetriebene Elektrowerkzeuge - Sicherheit - Teil 2-3: Besondere Anforderungen für Schleifer, Polierer und Schleifer mit Schleifblatt

Outils électroportatifs à moteur - Sécurité - Partie 2-3: Règles particulières pour les meuleuses, lustreuses et ponceuses du type à disque

<https://standards.iteh.ai/catalog/standards/sist/a7072628-6333-4e07-831c-a2104586892c/sist-en-60745-2-3-2011-a13-2016>

Ta slovenski standard je istoveten z: EN 60745-2-3:2011/A13:2015

ICS:

25.080.50 Brusilni in polirni stroji Grinding and polishing machines

25.140.20 Električna orodja Electric tools

SIST EN 60745-2-3:2011/A13:2016 **en,fr**

iTeh STANDARD PREVIEW
(standards.iteh.ai)

SIST EN 60745-2-3:2011/A13:2016

<https://standards.iteh.ai/catalog/standards/sist/a7072628-6333-4e07-831c-a2104586892c/sist-en-60745-2-3-2011-a13-2016>

EUROPEAN STANDARD

EN 60745-2-3:2011/A13

NORME EUROPÉENNE

EUROPÄISCHE NORM

November 2015

ICS 25.140.20

English Version

Hand-held motor-operated electric tools - Safety - Part 2-3: Particular requirements for grinders, polishers and disk- type sanders

Outils électroportatifs à moteur - Sécurité - Partie 2-3:
Règles particulières pour les meuleuses, lustreuses et
ponceuses du type à disque

Handgeführte motorbetriebene Elektrowerkzeuge -
Sicherheit - Teil 2-3: Besondere Anforderungen für
Schleifer, Polierer und Schleifer mit Schleifblatt

This amendment A13 modifies the European Standard EN 60745-2-3:2011; it was approved by CENELEC on 2015-09-28. 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.

CENELEC members are the national electrotechnical committees of Austria, Belgium, Bulgaria, Croatia, Cyprus, the Czech Republic, Denmark, Estonia, Finland, Former Yugoslav Republic of Macedonia, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, the Netherlands, Norway, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and the United Kingdom.



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

CEN-CENELEC Management Centre: Avenue Marnix 17, B-1000 Brussels

EN 60745-2-3:2011/A13:2015**European foreword**

This document (EN 60745-2-3:2011/A13:2015) has been prepared by CLC/TC 116 "Safety of motor-operated electric tools".

This amendment was developed to specify the dimensions for the size of flanges for depressed centre grinding wheels, as these dimensions are not clearly detailed in ISO 603-14 and ISO 603-16.

The following dates are fixed:

- latest date by which the amendment has to be implemented (dop) 2016-09-28
at national level by publication of an identical national standard or by endorsement
- latest date by which the national standards conflicting (dow) 2018-09-28
with the amendment have to be withdrawn

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

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

For the relationship with EU Directive, see informative Annex ZZ, which is included in EN 60745-2-3:2011.

ITeh STANDARD PREVIEW
(standards.iteh.ai)
[SIST EN 60745-2-3:2011/A13:2016](https://standards.iteh.ai/catalog/standards/sist/a7072628-6333-4e07-831c-a2104586892c/sist-en-60745-2-3-2011-a13-2016)
<https://standards.iteh.ai/catalog/standards/sist/a7072628-6333-4e07-831c-a2104586892c/sist-en-60745-2-3-2011-a13-2016>

Text of A13 to EN 60745-2-3:2011

19 Mechanical hazards

Replace the existing Subclause 19.104 by the following:

19.104 Flanges required by 19.102 shall be designed so that they secure and locate the abrasive products to the grinder. At least one of the flanges shall be keyed, screwed, shrunk-on or otherwise secured to prevent rotation relative to the tool spindle.

The flanges shall be flat and have no sharp edges.

The flanges shall have the dimensions specified in 19.104.1 and 19.104.2 and illustrated in Figure 104, where D is the outside diameter of the abrasive wheel, G and W are the dimensions of the recess and D_f is the outside diameter of the flange clamping surface. The outer dimensions of the locking flange shall be limited so that there is no interference with the depressed centre of wheels in accordance with ISO 603-14:1999 and ISO 603-16:1999 as illustrated in Figure Z107 with the dimensions $\varnothing K$, R and F as specified in Table Z108.

Table Z108 – Dimensions of depressed centre wheels

Outside diameter of the abrasive wheel D mm	$\varnothing K$ mm	Radius R mm	F mm
≤ 80	23	6	4
> 80 and ≤ 100	35,5	6	4
> 100 and ≤ 230	45	8	4,6

Flanges for wheels under 55 mm diameter may be unrecessed.

For wheels of any diameter with threaded inserts or projecting studs, the flanges shall be unrecessed, i.e. $G = 0$.

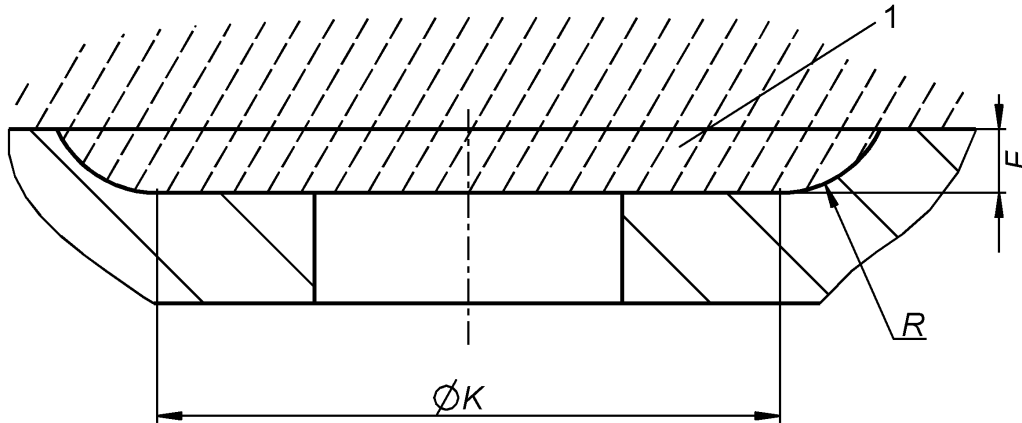
The backing and the locking flange shall have the same diameter D_f or the overlap of the backing and locking flange bearing surfaces shall be at least equal to dimension C .

In order to prevent interference, the locking flange and/or nut shall not extend beyond the plane defined by the lip of the guard when mounted with the thickest recommended Type 27, 28 or 29 wheel.

EN 60745-2-3:2011/A13:2015

Figures

Add the following new figure:



Key

1 area without interference

 $\text{Ø}K$ diameter of the depressed centre bottom R radius F height of the depressed centreiTeh STANDARD PREVIEW
(standards.iteh.ai)

SIST EN 60745-2-3:2011/A13:2016

<https://standards.iteh.ai/catalog/standards/sist/a7072628-6333-4e07-831c-a21043868920/sist-en-60745-2-3-2011-a13-2016>
 Figure Z107 – Depressed centre of abrasive wheels