

# INTERNATIONAL STANDARD

## NORME INTERNATIONALE

### AMENDMENT 1

### AMENDEMENT 1

Low-voltage fuses **iTeh STANDARD PREVIEW**  
Part 3: Supplementary requirements for fuses for use by unskilled persons  
(fuses mainly for household and similar applications) – Examples of  
standardized systems of fuses A to F [IEC 60269-3:2010/AMD1:2013](https://standards.iteh.ai/catalog/standards/sist/03551e70-ac86-4958-8e19-116f9ad9882/iec-60269-3-2010-amd1-2013)

[Fusibles basse tension – IEC 60269-3:2010/AMD1:2013](https://standards.iteh.ai/catalog/standards/sist/03551e70-ac86-4958-8e19-116f9ad9882/iec-60269-3-2010-amd1-2013)  
**Partie 3: Exigences supplémentaires pour les fusibles destinés à être utilisés par des personnes non qualifiées (fusibles pour usages essentiellement domestiques et analogues) – Exemples de systèmes de fusibles normalisés A à F**





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## FOREWORD

This amendment has been prepared by subcommittee 32B: Low-voltage fuses, of IEC technical committee 32: Fuses.

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

CDV	Report on voting
32B/594/CDV	32B/602A/RVC

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

The committee has decided that the contents of this amendment and the base 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- withdrawn,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.

## iTeh STANDARD PREVIEW

The contents of the corrigendum of March 2013 and June 2013 have been included in this copy.

[IEC 60269-3:2010/AMD1:2013](https://standards.iteh.ai/catalog/standards/sist/03551e70-ac86-4958-8e19-6116f9ad9882/iec-60269-3-2010-amd1-2013)  
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## INTRODUCTION

*Delete the introduction.*

## 1 General scope

*Replace, in the second paragraph, "divided into six fuse systems" by "divided into four fuse systems".*

*Delete, in the list, fuse systems D and E.*

**Table 101 – Maximum values of power dissipation**

*Add, between the values 25 and 35, the following new line in the table:*

32 4,0 5,2

*Delete, in NOTE a, “32 A and”*

**Table 108 –  $I^2t$  values for the discrimination with circuit breakers**

The correction concerning the title of the table applies to the French text only.

*Add, between the values 25 and 35, the following new line in the table:*

32 1 860 1 290

**8.11.1.2 Mechanical strength of the fuse-carrier**

*Replace the last existing sentence by the following:  
iTeh STANDARD PREVIEW  
(standards.iteh.ai)*

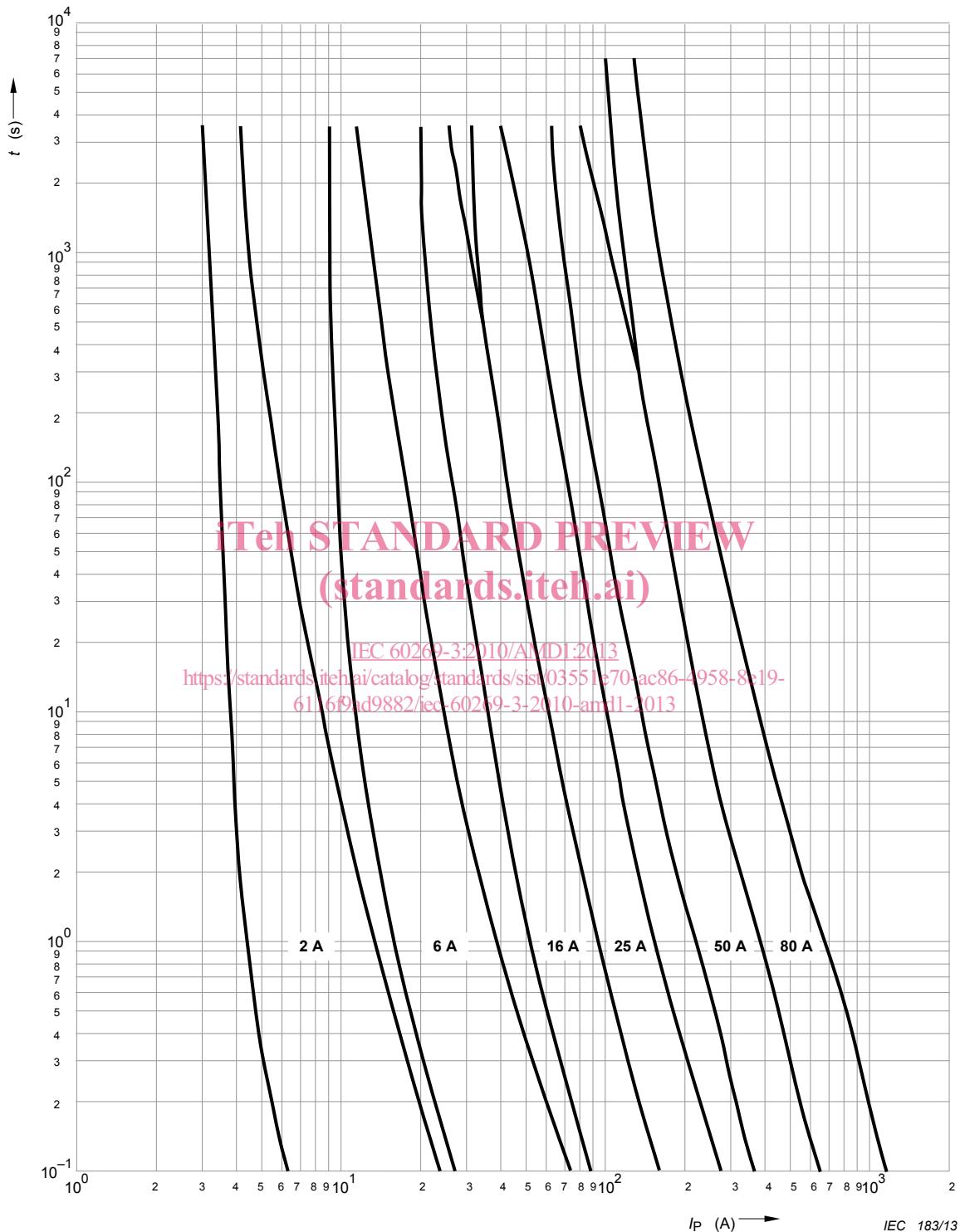
After this test, the test-dummy shown in Figure 126 shall be retained in the fuse-carrier when it is turned upside down.

[IEC 60269-3:2010/AMD1:2013](#)

<https://standards.iteh.ai/catalog/standards/sist/03551e70-ac86-4958-8e19-61169ad9882/iec-60269-3-2010-amd1-2013>

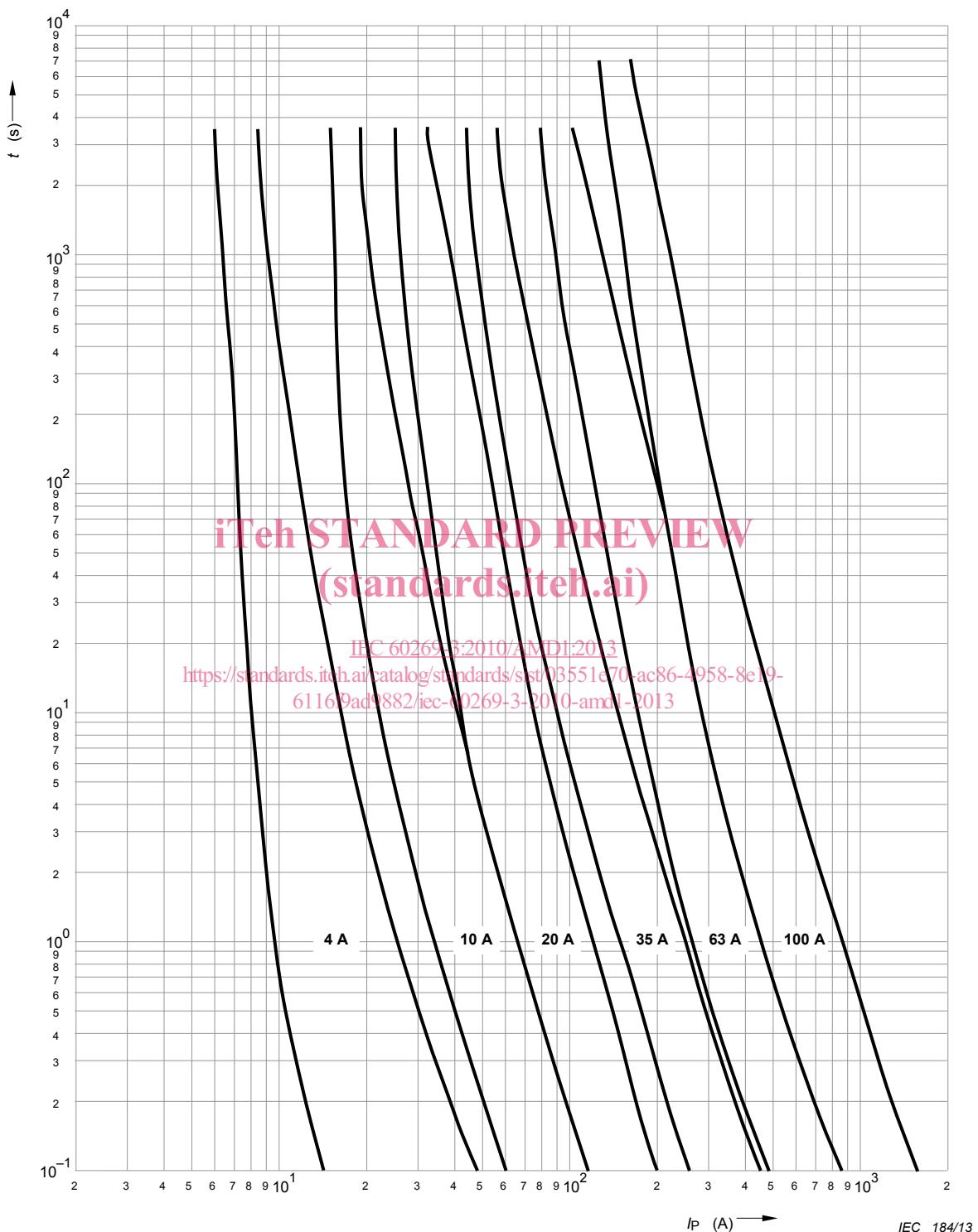
**Figure 101 – Time-current zone for "gG" fuse-links**

Replace the existing Figure 101 by the following new figure:



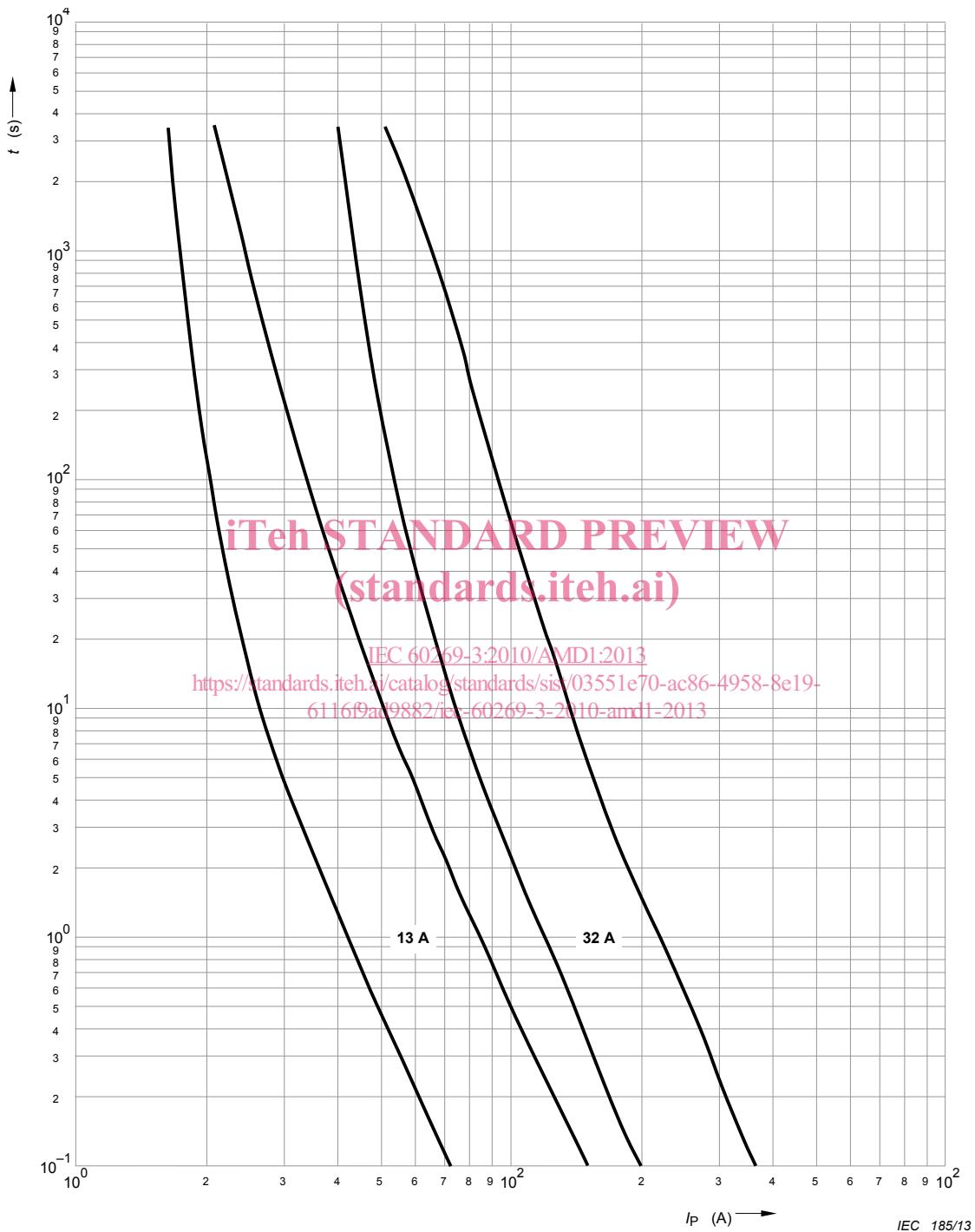
**Figure 102 – Time-current zone for "gG" fuse-links**

Replace the existing Figure 102 by the following new figure:



**Figure 103 – Time-current zone for "gG" fuse-links 13 A**

Replace the existing Figure 103 and figure title by the following new figure and new figure title:

**Figure 103 – Time-current zone for "gG" fuse-links 13 A and 32 A**

**Figure 110 – Fuse-link, D-type. Sizes D01-D03**

Add, for D02 and between the values 25 and 35, the following new line:

32 13,3 13,8 15,3  ${}^0_{-0,8}$  10 16,7 (max) 18,5 36 1

Delete, in NOTE 3, “32 A and”

**Figure 111 – Fuse-link, D-type. Sizes DII-DIV**

Add, for DIII and before the value 35, the following new line:

32 16  ${}^{+0,2}_{-0,4}$  20,2 15 min 28  ${}^0_{-2}$  - -

Add, in the table above the Notes, between the values 25 and 35, the following new line:

32 Violet

Delete, in NOTE 3, “32 A and”

## The STANDARD PREVIEW (standards.iteh.ai)

**Figure 121 – Gauge-piece and hand-key, D-type. Sizes D01-D03**

IEC 60269-3:2010/AMD1:2013  
<https://standards.iteh.ai/catalog/standards/sist/03551e70-ac86-4958-8e19-6110daa9882/iec-60269-3-2010-and-1-2013>

32 13,9 16,6

**Figure 122 – Gauge-piece and hand-key, D-type. Sizes DII-DIV**

Add, for DIII and before the value 35, the following new line:

32 16,5  ${}^{+0,8}_0$  15 15 30 26 25 (note 7)

Delete, in NOTE 1, “32 A and”

**Figure 123 – Gauge-piece and hand-key, D-type push-in gauge rings. Size DII-DIII**

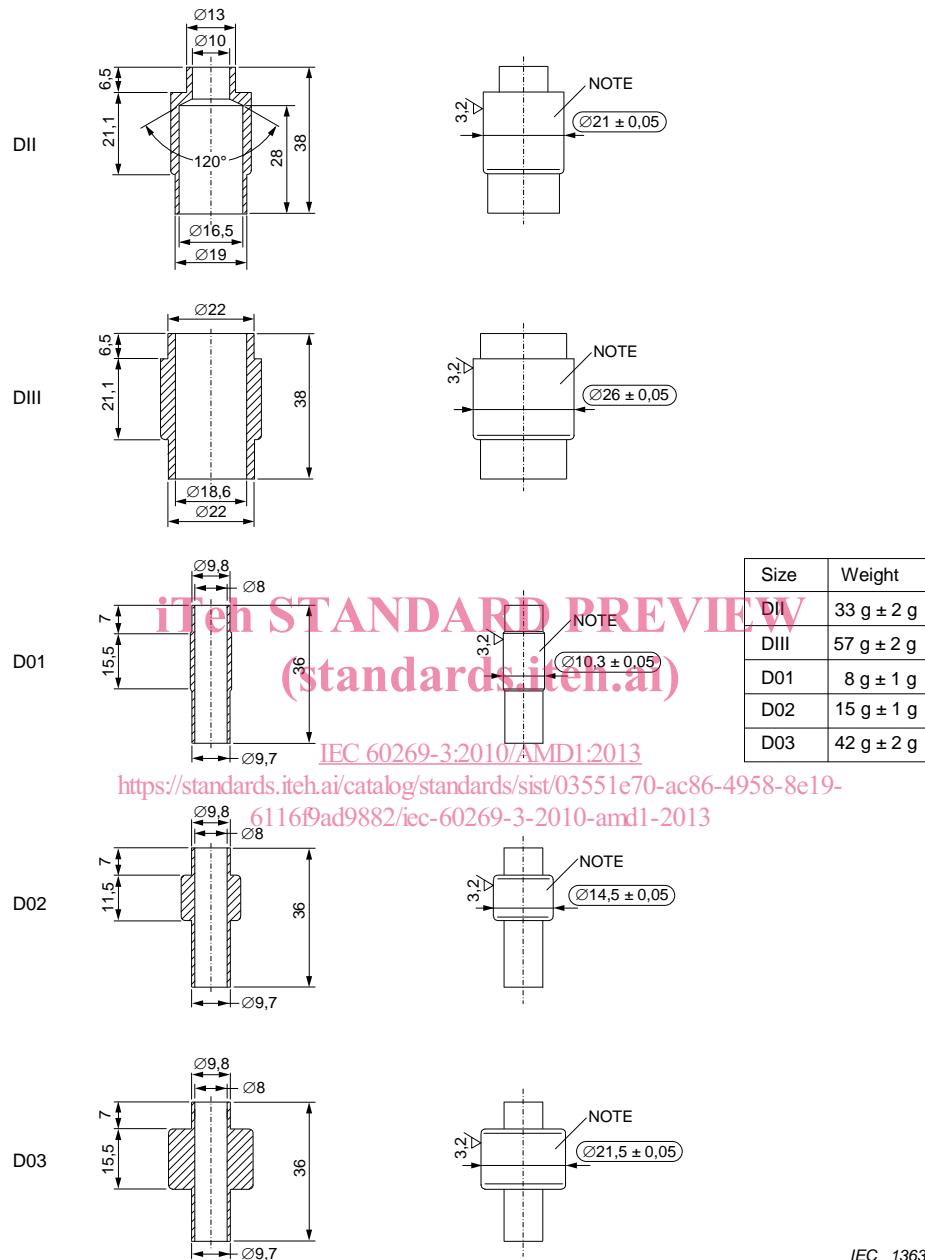
Add, for DIII and between the values 25 and 35, the following new line:

32 16,5 28,5 24,5 26,5 20 Violet

Delete, in NOTE 1, “32 A and”

Add, after Figure 125, the following new Figure 126:

*Dimensions in millimetres  
Undimensioned radii R0,6*



NOTE The dimension "21,1" has been corrected in DII.

**Figure 126 – Test dummies DII, DIII, D01, D02 and D03 for fuse-carrier test**

### Fuse system D – Cylindrical fuses, type C (Italian cylindrical fuse system)

Delete the whole section on fuse system D.

## Fuse system E – Pin-type fuses

*Delete the whole section on fuse system E.*

## Bibliography

*Add, below ISO 965-1, the following new reference:*

*ISO 1302, Geometrical Product Specifications (GPS) – Indication of surface texture in technical product documentation*

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[IEC 60269-3:2010/AMD1:2013](#)

<https://standards.iteh.ai/catalog/standards/sist/03551e70-ac86-4958-8e19-6116f9ad9882/iec-60269-3-2010-amd1-2013>