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Date: 03 May 2018

Origin: International

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Project No. 2010/02450

Responsible committee: CPL/34/2 Lamp caps and holders

Interested committees:

Title: Draft BS EN 60061-3 Amendment 56 - Lamp caps and holders together with gauges for the control of interchangeability and safety

Part 3: Gauges

Please notify the secretary if you are aware of any keywords that might assist in classifying or identifying the standard or if the content of this standard

- i) has any issues related to 3rd party IPR, patent or copyright
- ii) affects other national standard(s)
- iii) requires additional national guidance or information

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Responsible Committee Secretary: **Committee Service Centre (BSI)**
Direct tel: **020 8996 7009**
E-mail: **csc@bsigroup.com**

Introduction

This draft standard is based on international discussions in which the UK has taken an active part. Your comments on this draft are welcome and will assist in the preparation of the consequent standard. There is a high probability that this text could be adopted by CENELEC as a reference document for harmonization or as a European Standard. Recipients of this draft are requested to comment on the text bearing in mind this possibility.

UK Vote

Please indicate whether you consider the UK should submit a negative (with reasons) or positive vote on this draft.

Submission of Comments

- The guidance given below is intended to ensure that all comments receive efficient and appropriate attention by the responsible BSI committee. **Annotated drafts are not acceptable and will be rejected.**
- All comments must be submitted, preferably electronically, to the Responsible Committee Secretary at the address given on the front cover. Comments should be compatible with version 6.0 or version 97 of Microsoft Word for Windows, if possible; otherwise comments in ASCII text format are acceptable. **Any comments not submitted electronically should still adhere to these format requirements.**
- All comments submitted should be presented as given in the example below. Further information on submitting comments and how to obtain a blank electronic version of a comment form are available from the BSI website at: <http://drafts.bsigroup.com/>

Template for comments and secretariat observations

Date: xx/xx/20xx	Document: ISO/DIS xxxx
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1	2	(3)	4	5	(6)	(7)
MB	Clause No./ Subclause No./Annex (e.g. 3.1)	Paragraph/ Figure/ Table/Note	Type of comment	Comment (justification for change) by the MB	Proposed change by the MB	Secretariat observations on each comment submitted
	3.1	Definition 1	ed	Definition is ambiguous and needs clarifying.	Amend to read '...so that the mains connector to which no connection...'	
	6.4	Paragraph 2	te	The use of the UV photometer as an alternative cannot be supported as serious problems have been encountered in its use in the UK.	Delete reference to UV photometer.	



PROJECT NUMBER:

IEC 60061-3/AMD56 ED3

DATE OF CIRCULATION:

2018-04-20

CLOSING DATE FOR VOTING:

2018-07-13

SUPERSEDES DOCUMENTS:

34B/1940/CD, 34B/1968/CC

IEC SC 34B : LAMP CAPS AND HOLDERS	
SECRETARIAT: Germany	SECRETARY: Mr Hans Finke
OF INTEREST TO THE FOLLOWING COMMITTEES:	PROPOSED HORIZONTAL STANDARD: ☐ Other TC/SCs are requested to indicate their interest, if any, in this CDV to the secretary.
FUNCTIONS CONCERNED: ☐ EMC ☐ ENVIRONMENT ☐ QUALITY ASSURANCE ☒ SAFETY	
☒ SUBMITTED FOR CENELEC PARALLEL VOTING Attention IEC-CENELEC parallel voting The attention of IEC National Committees, members of CENELEC, is drawn to the fact that this Committee Draft for Vote (CDV) is submitted for parallel voting. The CENELEC members are invited to vote through the CENELEC online voting system.	☐ NOT SUBMITTED FOR CENELEC PARALLEL VOTING

This document is still under study and subject to change. It should not be used for reference purposes.

Recipients of this document are invited to submit, with their comments, notification of any relevant patent rights of which they are aware and to provide supporting documentation.

TITLE:

Amendment 56 - Lamp caps and holders together with gauges for the control of interchangeability and safety - Part 3: Gauges

PROPOSED STABILITY DATE: 2021

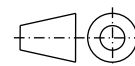
NOTE FROM TC/SC OFFICERS:

This CDV is based on the comments and observation agreed on during the meeting of SC 34B/WG 1 on 2018-02-05 in Sydney.

Proposal for a revision of E26d (7006-29M) and GR6d (7006-187)

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**GAUGE FOR TESTING UNACCEPTABLE
CONTACT-MAKING IN LAMPHOLDERS
CALIBRE POUR LA VERIFICATION DE LA REALITE DU
CONTACT NON SOUHAITEE DANS LES DOUILLES
E26d**

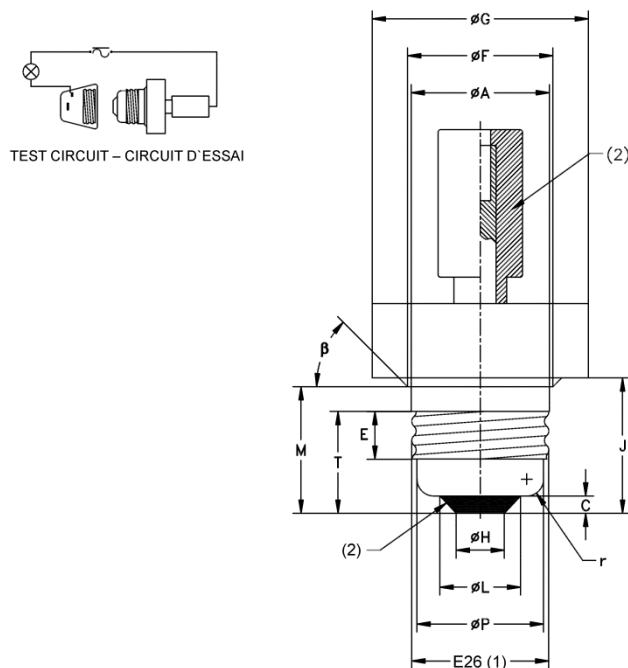


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Dimensions in millimetres - Dimensions en millimètres

The drawing is intended only to illustrate the essential dimensions of the gauge.
Le dessin a pour seul but d'illustrer les dimensions essentielles du calibre.

For details of holder E26d, see sheet 7005-29.
Pour les détails de la douille E26d, voir feuille 7005-29.



Reference	Dimension	Tolerance
A	24,51	+ 0,02 0
C	3,28	+ 0,05 0
E	9,04	+ 0,02 - 0,02
F	27,56	+ 0,02 0
G	40,87	+ 0,02 0
H	9,14	0 - 0,02
J	25,65	+ 0,05 0
L	15,29	0 - 0,02
M	24,13	0 - 0,05
P	24,0	0 - 0,05
T	19,56	0 - 0,05
r	3,18	+ 0,05 - 0,05
β	45°	+30' - 30'

(1) The thread of the gauge is made in accordance with the maximum dimensions of the cap on a finished lamp, subject to a tolerance of + 0,0 mm; - 0,03 mm. See sheet 7004-21A.

(2) Insulating material. All other parts metal.

(1) Le filetage du calibre est exécuté conformément aux dimensions maximales du culot sur lampes terminées avec une tolérance de + 0,0 mm; - 0,03 mm. Voir feuille 7004-21A.

(2) Matière isolante. Tous les autres parties en métal.

PURPOSE: To check for undesirable contact that might occur between the intermediate contact of an E26d lampholder and the shell of an E26 (single-contact) cap.

TESTING: When the gauge is fully screwed home in the lampholder, the lamp shall not light.

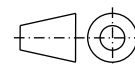
BUT: Vérification si des contacts non souhaités peuvent s'établir entre le contact intermédiaire d'une douille E26d et la chemise d'un culot E26 (contact simple).

ESSAI: Lorsque le calibre est complètement vissé dans la douille, la lampe ne doit pas s'allumer.

Proposal for a revision of

7006-29M-1

"GO" GAUGE FOR CAPS
CALIBRE "ENTRE" POUR CULOTS
GR6d-...

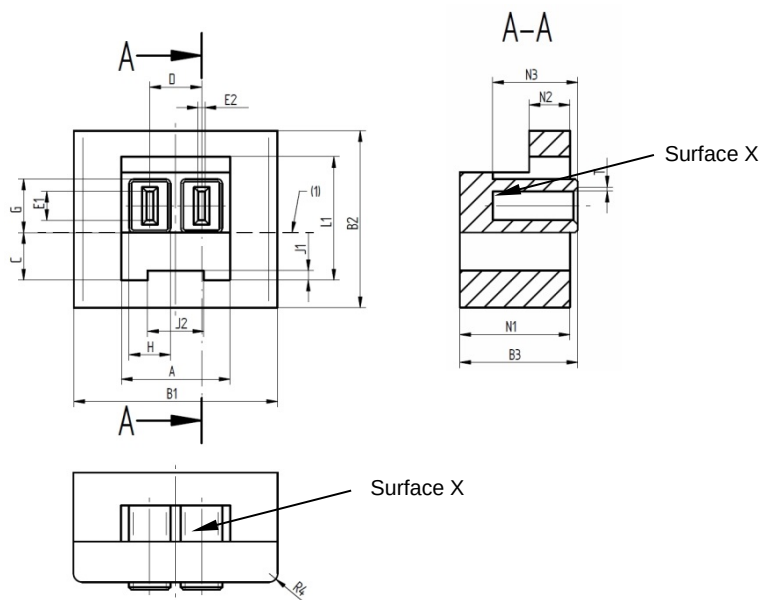


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Dimensions in millimetres - Dimensions en millimètres

The drawing is intended only to illustrate the essential dimensions of the gauge.
 Le dessin a pour seul but d'illustrer les dimensions essentielles du calibre.

For details of caps GR6d-..., see sheet 7004-187.
 Pour les détails des culots GR6d-..., voir feuille 7004-187.



Reference	Dimension	Tolerance
A	12,5	+ 0,02 0
B1	23,6	+ 0,1 - 0,1
B2	20,5	+ 0,1 - 0,1
B3	13,6	+ 0,1 - 0,1
C	5,5	+ 0,02 0
D	6	+ 0,005 - 0,005
E1 (1)	3,3	+ 0,01 0
E2 (2)	0,9	+ 0,01 0
G	6,2	0 - 0,02
H	4,6	0 - 0,02
J1	0,9	0 - 0,02
J2	6,0	+ 0,1 - 0,1
L1	14,4	+ 0,02 0
N1	12,7	+ 0,1 - 0,1
N2	4,7	+ 0,1 - 0,1
N3	9,8	0 - 0,02
R4	1	+ 0,05 - 0,05
T	0,5 x 45°	+ 0,05 - 0,05

- (1) An allowance of 0,1 mm is included to accommodate pin alignment errors.
 (2) An allowance of 0,35 mm is included to accommodate pin spacing and alignment errors.
- (1) Une tolérance de 0,1 mm est incluse pour accueillir les erreurs d'alignement de la broche.
 (2) Une tolérance de 0,35 mm est incluse pour accueillir l'espacement des broches et le erreurs d'alignement.

PURPOSE: To check maximum cap outline with respect to dimensions A, C, E1, E2, G, H, J and L1 and the combined spacing and displacement of the contacts.

TESTING: It shall be possible to insert the cap into the gauge until the cap is in contact with the gauge surface X.

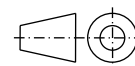
BUT: Vérifier le contour maximal du culot par rapport aux dimensions A, C, E1, E2, G, H, J et L1 et la combinaison de l'espacement et de déplacement des contacts.

ESSAI: Il doit être possible d'insérer le culot dans le calibre jusqu'à ce que le culot soit en contact avec la surface de calibre.

Proposal for a revision of

7006-187-1

“GO” GAUGE FOR CAPS
CALIBRE "ENTRE" POUR CULOTS
GR6d-...

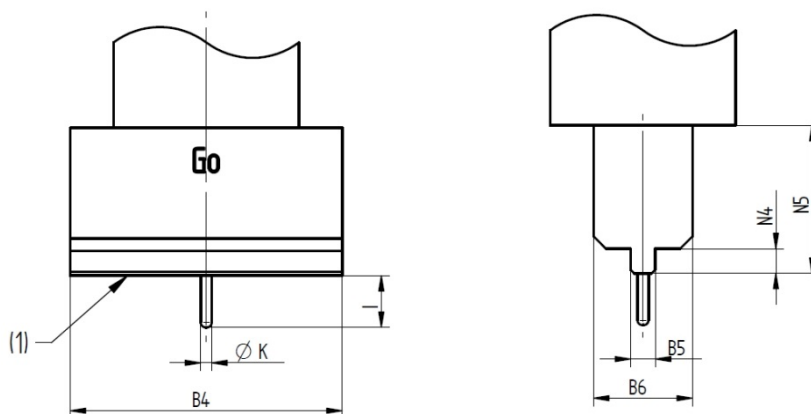


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Dimensions in millimetres - Dimensions en millimètres

The drawing is intended only to illustrate the essential dimensions of the gauge.
 Le dessin a pour seul but d'illustrer les dimensions essentielles du calibre.

For details of caps GR6d-..., see sheet 7004-187.
 Pour les détails des culots GR6d-..., voir feuille 7004-187.



(1) Surface X.

Reference	Dimension	Tolerance
B4	22	+ 0,1 - 0,1
B5	2	+ 0,1 - 0,1
B6	8	+ 0,1 - 0,1
I	4,2	+ 0,02 0
K	0,9	- 0,02
N4	2	+ 0,1 - 0,1
N5	12	+ 0,1 - 0,1

PURPOSE: To check the minimum cap retention path depth I and width K.

TESTING: It shall be possible to insert the cap into the gauge until the cap is in contact with the gauge surface X. It shall be possible to move the pin of the gauge in the complete retention path.

BUT: Vérifier le chemin minimum de retenue du culot de largeur I et de profondeur K.

ESSAI: Il doit être possible d'insérer le culot dans le calibre jusqu'à ce que le culot soit en contact avec la surface de calibre X.

Proposal for a revision of

7006-187-1