
Vznožki in okovi žarnic in sijalk skupaj s kalibri za nadzorovanje medsebojne zamenljivosti in varnosti: Predlog za dodajanje kompleta merilnikov GJ6.6d-2-x v standard IEC 60061-3

Lamp caps and holders together with gauges for the control of interchangeability and safety: Proposal to add a set of GJ6.6d-2-x gauges in IEC 60061-3

Culots de lampes et douilles ainsi que calibres pour le contrôle de l'interchangeabilité et de la sécurité: Proposition d'ajout d'un jeu de calibres GJ6.6d-2-x dans l'IEC 60061-3

Ta slovenski standard je istoveten z: prEN IEC 60061-PR2025-3:2026

ICS:

29.140.10 Grla in držala žarnic Lamp caps and holders

oSIST prEN IEC 60061-PR2025-3:2026 en,fr,de

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34B/2229/CDV

COMMITTEE DRAFT FOR VOTE (CDV)

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| | |
|---|--|
| IEC SC 34B : FIT SYSTEMS FOR LIGHT SOURCES | |
| SECRETARIAT: Germany | SECRETARY: Mr Jens Marggraf |
| OF INTEREST TO THE FOLLOWING COMMITTEES: | HORIZONTAL FUNCTION(S): |
| ASPECTS CONCERNED: | |
| <input checked="" type="checkbox"/> 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. | <input type="checkbox"/> NOT SUBMITTED FOR CENELEC PARALLEL VOTING |

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TITLE:

**Lamp caps and holders together with gauges for the control of interchangeability and safety:
Proposal to add a set of GJ6.6d-2-x gauges in IEC 60061-3**

PROPOSED STABILITY DATE: 2027

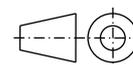
NOTE FROM TC/SC OFFICERS:

Amendment 61 is proposed to amend IEC 600061-3 to include a set of gauges to make assessment of compliance for GJ6.6 (including GJ6.6d-2-x) caps and holders easier. These gauges are based on the previously circulated 34B/2220/DC and comments received in 34B/2227/INF. Only expressions of support without technical or editorial comments were received.

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Informative overview of the pages on GJ6.6 gauges

GJ6.6t, GJ6.6d-1, GJ6.6d-2-x and/et GJ6.6 support caps/culots de support



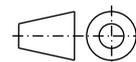
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Introduction:

The gauges specified in the following datasheets are recommended to make testing of GJ6.6 caps, holders and the finished lamp and luminaire system easier. These fit systems comprise four types: GJ6.6t, GJ6.6d-1, GJ6.6d-2-x and GJ6.6 support only caps and holders. The table below can be used to assist in identifying the appropriate gauges for each type of cap or holder. Detailed information on the gauge specifications can be found by looking up the appropriate sheet numbers given in the table. For details of GJ6.6 caps see IEC 60061-1, sheets 7004-188. For details of GJ6.6 holders see IEC 60061-2, sheets 7005-188.

| Type of cap/holder | | Header EN | Header FR | Sheet number 7006-XXX |
|--------------------|--------|---|---|-----------------------|
| GJ6.6t | Cap | "Not go" gauge for cap entrance window | Calibre "n'entre pas" pour fenêtre d'entrée des culots | -188A |
| | | Pin dimension and locator "go" gauge for caps | Dimension de broches et calibre "entre" de repérage du positionnement pour les culots | -188B |
| | | Earth pin length "not go" gauge for caps | Calibre "n'entre pas" de longueur de broches de terre pour les culots | -188D |
| | | Load pin 1 length "not go" gauge for caps | Calibre "n'entre pas" de longueur de broches 1 de charge pour les culots | -188E |
| | | Load pin 2 length "not go" gauge for caps | Calibre "n'entre pas" de longueur de broches 2 de charge pour les culots | -188F |
| GJ6.6t | Holder | Hole locator "go" gauge for holders | Calibre "entre" de repérage du positionnement de l'orifice pour les douilles | -188H |
| | | Retention force gauge for holders | Calibre de force de retenue pour les douilles | -188K |
| | | Contact making test gauge for holders | Calibre d'essai d'établissement du contact pour les douilles | -188L |
| GJ6.6d-1 | Cap | "Not go" gauge for cap entrance window | Calibre "n'entre pas" pour fenêtre d'entrée des culots | -188A |
| | | Pin dimension and locator "go" gauge for caps | Dimension de broches et calibre "entre" de repérage du positionnement pour les culots | -188B |
| | | Load pin 1 length "not go" gauge for caps | Calibre "n'entre pas" de longueur de broches 1 de charge pour les culots | -188E |
| | | Load pin 2 length "not go" gauge for caps | Calibre "n'entre pas" de longueur de broches 2 de charge pour les culots | -188F |
| GJ6.6d-1 | Holder | Hole locator "go" gauge for holders | Calibre "entre" de repérage du positionnement de l'orifice pour les douilles | -188I |
| | | Retention force gauge for holders | Calibre de force de retenue pour les douilles | -188K |
| | | Contact making test gauge for holders | Calibre d'essai d'établissement du contact pour les douilles | -188M |
| GJ6.6d-2-x | Cap | "Not go" gauge for cap entrance window | Calibre "n'entre pas" pour fenêtre d'entrée des culots | -188A |
| | | Pin dimension and locator "go" gauge for caps | Dimension de broches et calibre "entre" de repérage du positionnement pour les culots | -188C |
| | | Load pin length "not go" gauge for caps | Calibre "n'entre pas" de longueur de broches de charge pour les culots | -188G |
| GJ6.6d-2-x | Holder | Hole locator "go" gauge for holders | Calibre "entre" de repérage du positionnement de l'orifice pour les douilles | -188J |
| | | Retention force gauge for holders | Calibre de force de retenue pour les douilles | -188K |
| | | Contact making test gauge for holders | Calibre d'essai d'établissement du contact pour les douilles | -188N |
| GJ6.6 support | Cap | "Not go" gauge for cap entrance window | Calibre "n'entre pas" pour fenêtre d'entrée des culots | -188A |
| GJ6.6 support | Holder | Retention force gauge for holders | Calibre de force de retenue pour les douilles | -188K |

7006-188-2

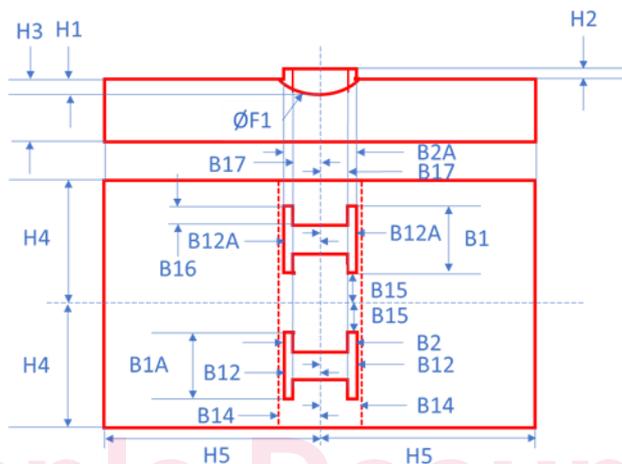
“NOT GO” GAUGE FOR CAP ENTRANCE WINDOW**CALIBRE "N'ENTRE PAS" POUR FENÊTRE D'ENTRÉE DES CULOTS****GJ6.6t, GJ6.6d-1, GJ6.6d-2-x and GJ6.6 support caps
Culots de support GJ6.6t, GJ6.6d-1, GJ6.6d-2-x et GJ6.6**

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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 GJ6.6 see sheet 7004-188
Pour les détails des culots GJ6.6 voir la feuille 7004-188

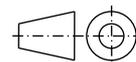


PURPOSE: To check the maximum dimensions B1 and B2 of the lamp cap entrance window.

TESTING: It shall not be possible to fit either gauge into the cap.

| Reference | Dimension | Tolerance |
|-----------|-----------|------------------|
| B1 | 13,2 | + 0,02 0 |
| B2 | 16,5 | + 0,02 0 |
| B1A | 13,0 | + 0,1 - 0,1 |
| B2A | 16,4 | + 0,1 - 0,1 |
| B12 | 8,3 | + 0,1 - 0,1 |
| B12A | 8,2 | + 0,1 - 0,1 |
| B14 | 8,4 | + 0,1 - 0,1 |
| B15 | 6,5 | + 0,1 - 0,1 |
| B16 | 3,4 | + 0,1 - 0,1 |
| B17 | 6,9 | + 0,1 - 0,1 |
| H1 | 2,8 | + 0,1 - 0,1 |
| H2 | 2,3 | + 0,1 - 0,1 |
| H3 | 20,0 | + 1,0 - 1,0 |
| H4 | 26,0 | + 1,0 - 1,0 |
| H5 | 30,0 | + 1,0 - 1,0 |
| ØF1 | 27,9 | + 0,05 - 0,05 |

7006-188A-2

PIN DIMENSION AND LOCATOR "GO" GAUGE FOR CAPS**DIMENSION DE BROCHES ET CALIBRE "ENTRE" DE REPÉRAGE
DU POSITIONNEMENT POUR LES CULOTS****GJ6.6t, GJ6.6d-1**

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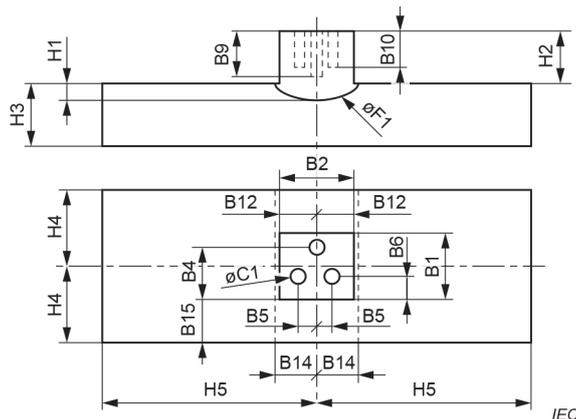
Dimensions in millimetres – Dimensions en millimètres

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 GJ6.6, see sheet 7004-188.

Pour les détails des culots GJ6.6, voir la feuille 7004-188.



IEC

PURPOSE: To check the minimum dimensions B1 and B2 of the lamp cap entrance window, the maximum pin diameter, $\phi C1$, and maximum pin length dimensions, B9 and B10, and the pin locations, B4, B5 and B6.

TESTING: It shall be possible to fit the gauge into the cap to fully contact the surface, $\phi F1$.

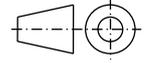
BUT: Vérifier les dimensions minimales B1 et B2 de la fenêtre d'entrée du culot de lampe, le diamètre maximal de la broche, $\phi C1$, et les dimensions maximales de longueur de broche, B9 et B10, ainsi que l'emplacement des broches, B4, B5 et B6.

ESSAI: Il doit être possible d'insérer le calibre dans le culot pour qu'il soit en contact complet avec la surface, $\phi F1$.

| Reference | Dimension | Tolerance | Reference | Dimension | Tolerance |
|-----------|-----------|------------------|-----------|-----------|------------------|
| B1 | 13,0 | 0 - 0,02 | B15 | 6,5 | + 0,1 - 0,1 |
| B2 | 16,4 | 0 - 0,02 | H1 | 2,8 | + 0,1 - 0,1 |
| B4 | 8,0 | + 0,01 - 0,01 | H2 | 11,2 | + 0,1 - 0,1 |
| B5 | 3,3 | + 0,01 - 0,01 | H3 | 20,0 | + 1,0 - 1,0 |
| B6 | 2,7 | + 0,01 - 0,01 | H4 | 13,0 | + 1,0 - 1,0 |
| B9 | 10,3 | + 0,02 0 | H5 | 30,0 | + 1,0 - 1,0 |
| B10 | 8,9 | + 0,02 0 | $\phi C1$ | 2,1 | + 0,01 - 0,01 |
| B12 | 8,2 | + 0,1 - 0,1 | $\phi F1$ | 27,9 | + 0,05 - 0,05 |
| B14 | 8,4 | + 0,1 - 0,1 | | | |

7006-188B-2

PIN DIMENSION AND LOCATOR "GO" GAUGE FOR CAPS
DIMENSION DE BROCHES ET CALIBRE "ENTRE" DE REPÉRAGE
DU POSITIONNEMENT POUR LES CULOTS



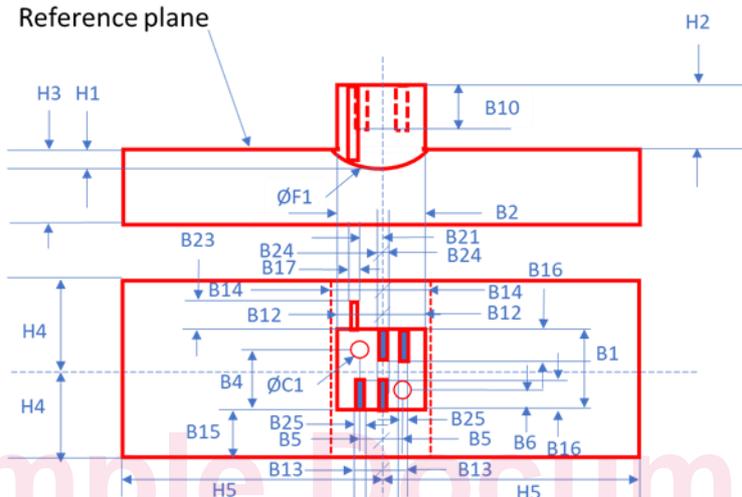
GJ6.6d-2-x (x = 1, 3, 4, 5, 6, 8, 12)

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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 GJ6.6 see sheet 7004-188
 Pour les détails des culots GJ6.6 voir la feuille 7004-188



PURPOSE: To check the minimum dimensions B1 and B2 of the lamp cap entrance window, the maximum pin diameter, $\phi C1$, and maximum pin length dimension, B10, and the pin locations, B4, B5 and B6. Also, to check the positions of a master key and configuration keys.

TESTING: It shall be possible to fit the gauge into the cap such that the reference plane touches the lamp cap window opening.

| Reference | Dimension | Tolerance | Reference | Dimension | Tolerance |
|-----------|-----------|------------------|-----------|-----------|------------------|
| B1 | 13,0 | 0 - 0,02 | B21 | 3,1 | + 0,01 - 0,01 |
| B2 | 16,4 | 0 - 0,02 | B23 | 3,3 | + 0,01 - 0,01 |
| B4 | 8,0 | + 0,01 - 0,01 | B24 | 1,1 | + 0,01 - 0,01 |
| B5 | 3,3 | + 0,01 - 0,01 | B25 | 2,3 | + 0,1 - 0,1 |
| B6 | 2,7 | + 0,01 - 0,01 | H1 | 2,8 | + 0,1 - 0,1 |
| B10 | 8,9 | + 0,02 0 | H2 | 11,2 | + 0,1 - 0,1 |
| B12 | 8,2 | + 0,1 - 0,1 | H3 | 20,0 | + 1,0 - 1,0 |
| B13 | 4,7 | + 0,01 - 0,01 | H4 | 13,0 | + 1,0 - 1,0 |
| B14 | 8,4 | + 0,1 - 0,1 | H5 | 30,0 | + 1,0 - 1,0 |
| B15 | 6,5 | + 0,1 - 0,1 | $\phi C1$ | 2,1 | + 0,01 - 0,01 |
| B16 | 3,3 | + 0,01 - 0,01 | $\phi F1$ | 27,9 | + 0,05 - 0,05 |
| B17 | 2,0 | + 0,1 - 0,1 | | | |

7006-188C-2