



SLOVENSKI STANDARD
oSIST prEN IEC 60061-PR2023-1:2023
01-junij-2023

Vznožki in okovi žarnic in sijalk skupaj s kalibri za kontrolo medsebojne zamenljivosti in varnosti - Profili za okove GJ6.6 v 7005-188

Lamp caps and holders together with gauges for the control of interchangeability and safety - Gauges for holders GJ6.6 in 7005-188

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[oSIST prEN IEC 60061-PR2023-1:2023](https://standards.iteh.ai/catalog/standards/sist/c47b5a13ec/c4/osist-pr-en-iec-60061-pr2023-1-2023)

Ta slovenski standard je istoveten z: **prEN IEC 60061-PR2023-1:2023**

ICS:

29.140.10 Grla in držala žarnic Lamp caps and holders

oSIST prEN IEC 60061-PR2023-1:2023 en



34B/2170/CDV

COMMITTEE DRAFT FOR VOTE (CDV)

PROJECT NUMBER: IEC 60061-PR2023-1 ED3	
DATE OF CIRCULATION: 2023-04-28	CLOSING DATE FOR VOTING: 2023-07-21
SUPERSEDES DOCUMENTS: 34B/2163/DC, 34B/2168/INF, 34B/2169/RR	

IEC SC 34B: LAMP CAPS AND HOLDERS	
SECRETARIAT: Germany	SECRETARY: Mr Hans Finke
OF INTEREST TO THE FOLLOWING COMMITTEES:	PROPOSED HORIZONTAL STANDARD: <input type="checkbox"/> Other TC/SCs are requested to indicate their interest, if any, in this CDV to the secretary.
FUNCTIONS CONCERNED: <input type="checkbox"/> EMC <input type="checkbox"/> ENVIRONMENT <input type="checkbox"/> QUALITY ASSURANCE <input checked="" type="checkbox"/> SAFETY	
<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

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:

Lamp caps and holders together with gauges for the control of interchangeability and safety – Gauges for holders GJ6.6 in 7005-188

PROPOSED STABILITY DATE: 2027

NOTE FROM TC/SC OFFICERS:

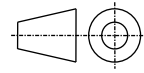
This amendment is proposed to amend IEC 60061-3 to include a set of gauges to make assessment of compliance for GJ6.6 caps and holders easier. These gauges are based on the previously circulated 34B/2163/DC and comments received in 34B/2168/INF - only expressions of support without technical or editorial comments were received.

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“NOT GO” GAUGE FOR CAP ENTRANCE WINDOW

CALIBRE “N’ENTRE PAS” POUR **CULOTS...**

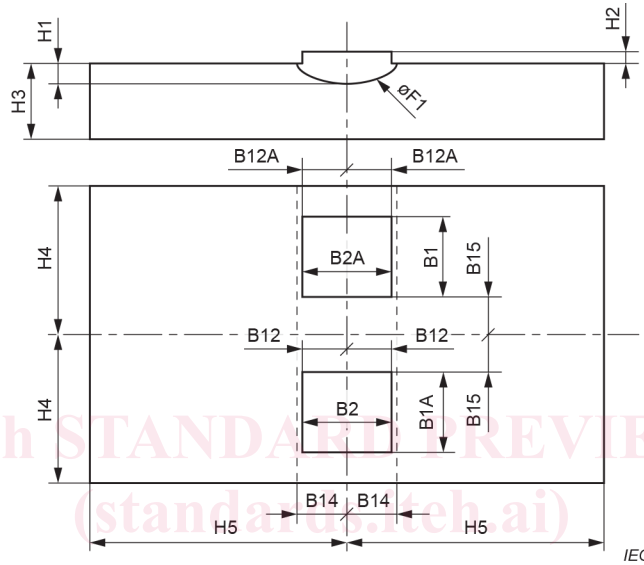
GJ6.6t, GJ6.6d-1, GJ6.6d-2 and GJ6.6 support cap



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



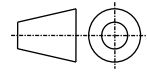
IEC

PURPOSE: To check the 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
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
ϕF1	27,9	+ 0,05 - 0,05

PIN DIMENSION AND LOCATOR "GO" GAUGE FOR CAPS

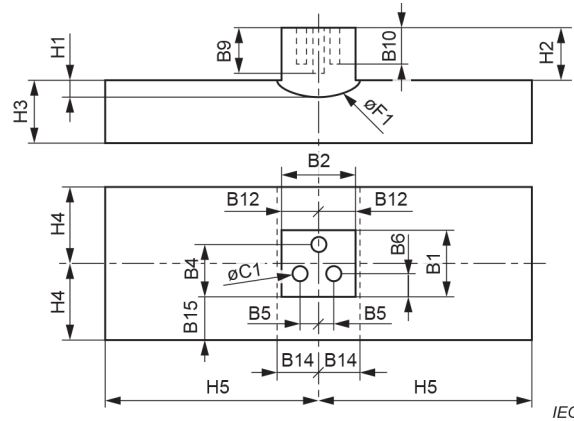
...CULOTS**GJ6.6t, GJ6.6d-1**

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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.

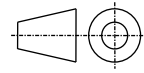
TESTING: It shall be possible to fit the gauge into the cap to fully contact the surface, $\phi F1$.

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

PIN DIMENSION AND LOCATOR "GO" GAUGE FOR CAPS

...CULOTS

GJ6.6d-2

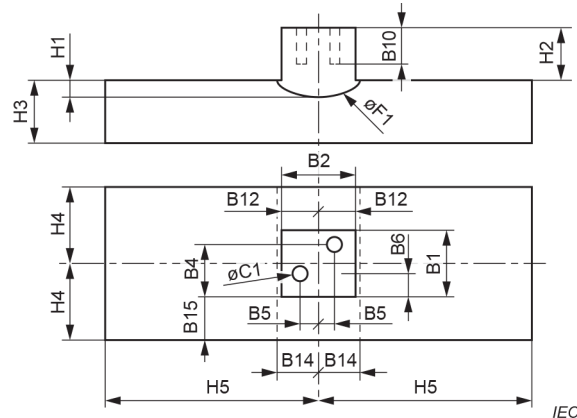


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Dimensions in millimetres - Dimensions en millimètres

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.

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

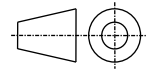
Reference	Dimension	Tolerance
B1	13,0	0 - 0,02
B2	16,4	0 - 0,02
B4	8,0	+ 0,01 - 0,01
B5	3,3	+ 0,01 - 0,01
B6	2,7	+ 0,01 - 0,01
B10	8,9	+ 0,02 0
B12	8,2	+ 0,1 - 0,1
B14	8,4	+ 0,1 - 0,1
B15	6,5	+ 0,1 - 0,1
H1	2,8	+ 0,1 - 0,1
H2	11,2	+ 0,1 - 0,1
H3	20,0	+ 1,0 - 1,0
H4	13,0	+ 1,0 - 1,0
H5	30,0	+ 1,0 - 1,0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

7006-XXX-1

EARTH PIN LENGTH "NOT GO" GAUGE FOR CAPS

...CULOTS

GJ6.6t

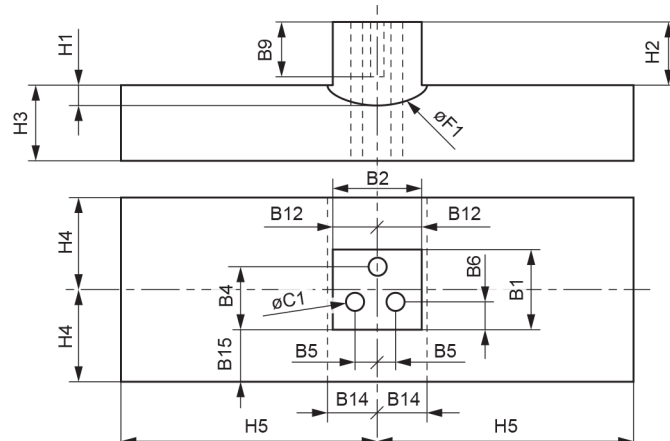


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Dimensions in millimetres - Dimensions en millimètres

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



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PURPOSE: To check the minimum earth pin length dimension, B9.

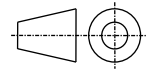
TESTING: It shall not be possible to gently fit the gauge into the cap to fully contact the surface, $\phi F1$.

Reference	Dimension	Tolerance
B1	10,0	+ 0,1 - 0,1
B2	15,0	+ 0,1 - 0,1
B4	7,7	+ 0,1 - 0,1
B5	3,3	+ 0,1 - 0,1
B6	2,3	+ 0,1 - 0,1
B9	9,8	0 -0,01
B12	7,5	+ 0,1 - 0,1
B14	8,4	+ 0,1 - 0,1
B15	8,0	+ 0,1 - 0,1
H1	2,8	+ 0,1 - 0,1
H2	11,2	+ 0,1 - 0,1
H3	20,0	+ 1,0 -1,0
H4	13,0	+ 1,0 -1,0
H5	30,0	+ 1,0 -1,0
$\phi C1$	2,3	+ 0,1 - 0,1
$\phi F1$	27,9	+ 0,05 - 0,05

LOAD PIN 1 LENGTH "NOT GO" GAUGE FOR CAPS

...CULOTS

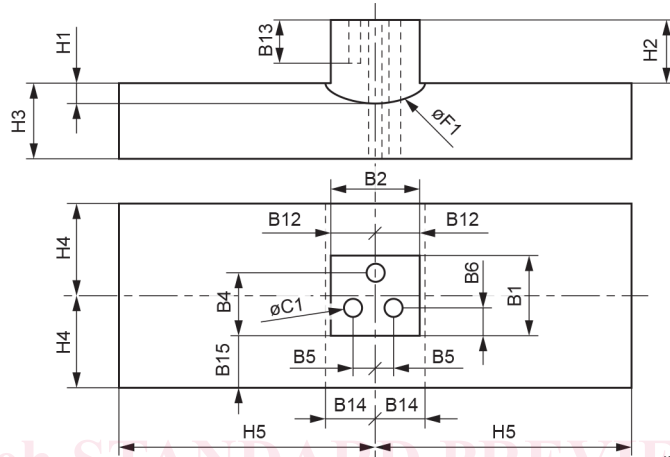
GJ6.6t, GJ6.6d-1



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



STANDARD PREVIEW
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PURPOSE: To check the minimum load pin length dimension, B13.

TESTING: It shall not be possible to gently fit the gauge into the cap to fully contact the surface, phi F1.

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https://standards.iteh.ai/

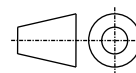
4-049c-4a17-b26f-e7b5a15e7c4/osist-pr-en-iec-60061-2023-1-2023

Reference	Dimension	Tolerance
B1	10,0	+ 0,1 - 0,1
B2	15,0	+ 0,1 - 0,1
B4	7,7	+ 0,1 - 0,1
B5	3,3	+ 0,1 - 0,1
B6	2,3	+ 0,1 - 0,1
B12	7,5	+ 0,1 - 0,1
B13	8,4	0 -0,01
B14	8,4	+ 0,1 - 0,1
B15	8,0	+ 0,1 - 0,1
H1	2,8	+ 0,1 - 0,1
H2	11,2	+ 0,1 - 0,1
H3	20,0	+ 1,0 -1,0
H4	13,0	+ 1,0 -1,0
H5	30,0	+ 1,0 -1,0
phi C1	2,3	+ 0,1 - 0,1
phi F1	27,9	+ 0,05 - 0,05

LOAD PIN 2 LENGTH "NOT GO" GUAGE FOR CAPS

...CULOTS

GJ6.6t, GJ6.6d-1

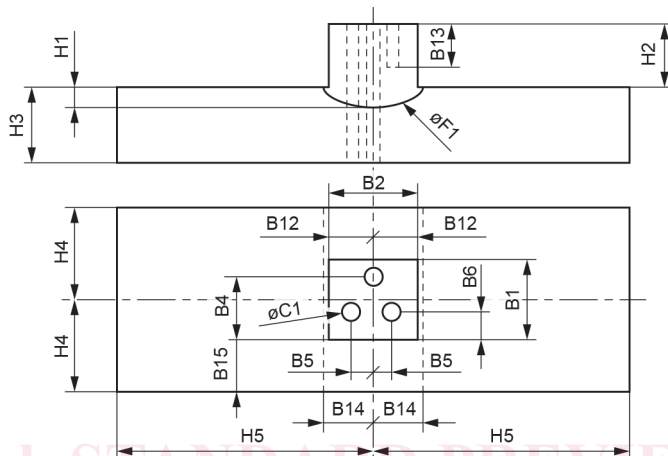


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Dimensions in millimetres - Dimensions en millimètres

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



STANDARD PREVIEW
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PURPOSE: To check the minimum load pin length dimension, B13.

TESTING: It shall not be possible to gently fit the gauge into the cap to fully contact the surface, $\phi F1$.

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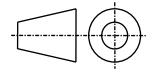
https://standards.iteh.ai/standards/iec/60061-1-2023/4-049c-4a17-b26f-e7b5a15e7c4/061-1-2023-1-2023

Reference	Dimension	Tolerance
B1	10,0	+ 0,1 - 0,1
B2	15,0	+ 0,1 - 0,1
B4	7,7	+ 0,1 - 0,1
B5	3,3	+ 0,1 - 0,1
B6	2,3	+ 0,1 - 0,1
B12	7,5	+ 0,1 - 0,1
B13	8,4	0 -0,01
B14	8,4	+ 0,1 - 0,1
B15	8,0	+ 0,1 - 0,1
H1	2,8	+ 0,1 - 0,1
H2	11,2	+ 0,1 - 0,1
H3	20,0	+ 1,0 -1,0
H4	13,0	+ 1,0 -1,0
H5	30,0	+ 1,0 -1,0
$\phi C1$	2,3	+ 0,1 - 0,1
$\phi F1$	27,9	+ 0,05 - 0,05

LOAD PIN LENGTH "NOT GO" GAUGE FOR CAPS

...CULOTS

GJ6.6d-2

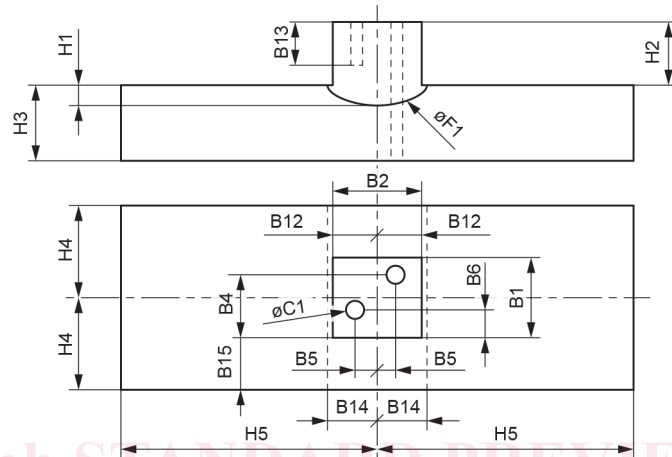


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Dimensions in millimetres - Dimensions en millimètres

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 load pin length dimension, B13.

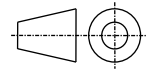
TESTING: It shall not be possible to gently fit the gauge into the cap to fully contact the surface, $\phi F1$. Both pins shall be tested sequentially by rotating the gauge.

Reference	Dimension	Tolerance
B1	10,0	+ 0,1 - 0,1
B2	15,0	+ 0,1 - 0,1
B4	7,7	+ 0,1 - 0,1
B5	3,3	+ 0,1 - 0,1
B6	2,3	+ 0,1 - 0,1
B12	7,5	+ 0,1 - 0,1
B13	8,4	0 -0,01
B14	8,4	+ 0,1 - 0,1
B15	8,0	+ 0,1 - 0,1
H1	2,8	+ 0,1 - 0,1
H2	11,2	+ 0,1 - 0,1
H3	20,0	+ 1,0 -1,0
H4	13,0	+ 1,0 -1,0
H5	30,0	+ 1,0 -1,0
$\phi C1$	2,3	+ 0,1 - 0,1
$\phi F1$	27,9	+ 0,05 - 0,05

HOLE LOCATOR "GO" GAUGE FOR HOLDERS

..DOUILLES

GJ6.6t

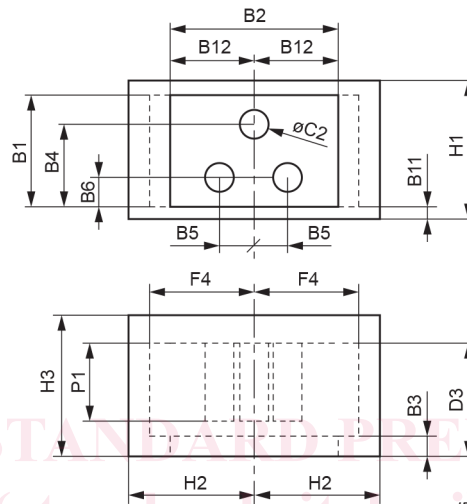


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Dimensions in millimetres - Dimensions en millimètres

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 holders GJ6.6 see sheet 7005-188
Pour les détails des douilles GJ6.6 voir la feuille 7005-188



PURPOSE: To check the holder hole location dimensions, B4, B5, B6 and B12.

TESTING: It shall be possible to fit the gauge fully into the holder engaging the retention mechanism.

Reference	Dimension	Tolerance
B1	10,6	+ 0,1 - 0,1
B2	16,4	+ 0,1 - 0,1
B3 ¹	1,6	+ 0,1 - 0,1
B4	7,9	+ 0,01 - 0,01
B5	3,3	+ 0,01 - 0,01
B6	2,6	+ 0,01 - 0,01
B11	1,4	+ 0,1 - 0,1
B12	8,2	+ 0,1 - 0,1
D3	11,6	+ 0,1 - 0,1
F4	9,3	+ 0,1 - 0,1
H1	15,0	+ 1,0 - 1,0
H2	11,0	+ 1,0 - 1,0
H3	14,0	+ 1,0 - 1,0
P1	9,0	+ 1,0 - 1,0
φC2	3,4	+ 0,01 - 0,01

¹ From cap sheet 7004-188