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Materiel för luftledning – Länk-gaffelkopplingar för kedjeisolatorer – Mått

*Clevis and tongue couplings of string insulator units –
Dimensions*

Som svensk standard gäller europastandarden EN IEC 60471:2020. Den svenska standarden innehåller den officiella engelska språkversionen av EN IEC 60471:2020.

Nationellt förord

Europastandarden EN IEC 60471:2020

består av:

- **europastandardens ikraftsättningsdokument**, utarbetat inom CENELEC
- **IEC 60471, Third edition, 2020 - Clevis and tongue couplings of string insulator units - Dimensions**

utarbetad inom International Electrotechnical Commission, IEC.

ICS 29.240.20; 29.080.10

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ICS 29.080.10; 29.240.20

English Version

Clevis and tongue couplings of string insulator units - Dimensions (IEC 60471:2020)

Assemblages à chape et tenon des éléments de chaînes
d'isolateurs - Dimensions
(IEC 60471:2020)

Klöppel- und Pfannen-Verbindungen von Isolatorketten -
Anschlussmaße
(IEC 60471:2020)

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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 European Standard 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.

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

CEN-CENELEC Management Centre: Rue de la Science 23, B-1040 Brussels

European foreword

The text of document 36/484/FDIS, future edition 3 of IEC 60471, prepared by IEC/TC 36 "Insulators" was submitted to the IEC-CENELEC parallel vote and approved by CENELEC as EN IEC 60471:2020.

The following dates are fixed:

- latest date by which the document has to be implemented at national level by publication of an identical national standard or by endorsement (dop) 2021-05-13
- latest date by which the national standards conflicting with the document have to be withdrawn (dow) 2023-08-13

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Endorsement notice

The text of the International Standard IEC 60471:2020 was approved by CENELEC as a European Standard without any modification.

In the official version, for Bibliography, the following notes have to be added for the standards indicated:

IEC 60305	NOTE	Harmonized as EN 60305
IEC 60383-1	NOTE	Harmonized as EN 60383-1
IEC 60433	NOTE	Harmonized as EN 60433
IEC 61325	NOTE	Harmonized as EN 61325
IEC 62223:2009	NOTE	Harmonized as EN 62223:2009 (not modified)

Annex ZA (normative)

Normative references to international publications with their corresponding European publications

The following documents are referred to in the text in such a way that some or all of their content constitutes requirements of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

NOTE 1 Where an International Publication has been modified by common modifications, indicated by (mod), the relevant EN/HD applies.

NOTE 2 Up-to-date information on the latest versions of the European Standards listed in this annex is available here: www.cenelec.eu.

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
IEC 60050-471	2007	International Electrotechnical Vocabulary - Part 471: Insulators	-	-
IEC 60120	2020	Ball and socket couplings of string insulator units - Dimensions	EN IEC 60120	2020

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INTERNATIONAL ELECTROTECHNICAL COMMISSION

**CLEVIS AND TONGUE COUPLINGS OF
STRING INSULATOR UNITS – DIMENSIONS****FOREWORD**

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International Standard IEC 60471 has been prepared by IEC technical committee 36: Insulators.

This third edition cancels and replaces the second edition published in 1977. This edition constitutes a technical revision.

This edition includes the following significant technical changes with respect to the previous edition:

- a) According to the results of the questionnaire(36/424/Q), it is confirmed that there are no new clevis and tongue couplings;
- b) For the dimensions of the existing designated size of couplings that characterize the same location, the effective number of the size is unified.

The text of this International Standard is based on the following documents:

FDIS	Report on voting
36/484/FDIS	36/494/RVD

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

This document has been drafted in accordance with the ISO/IEC Directives, Part 2.

The committee has decided that the contents of this document will remain unchanged until the stability date indicated on the IEC website under "<http://webstore.iec.ch>" in the data related to the specific document. At this date, the document will be

- reconfirmed,
- withdrawn,
- replaced by a revised edition, or
- amended.

CLEVIS AND TONGUE COUPLINGS OF STRING INSULATOR UNITS – DIMENSIONS

1 Scope

This international standard applies to string insulator units of the cap and pin type and also of the long rod type as well as the fittings used with such insulators.

The object of this document is to define the dimensions of a series of clevis and tongue couplings to permit the assembly of insulators or fittings supplied by different manufacturers.

NOTE 1 IEC 60305 gives the coordination between the standardized dimensions of Table 1 and the strength classes of cap and pin insulator. IEC 60433 gives the coordination between the standardized dimensions of Table 2 and the strength classes of long rod insulators.

NOTE 2 If the dimensions given in Table 1 are not sufficient, higher strength classes are given in IEC 60305.

2 Normative references

The following documents are referred to in the text in such a way that some or all of their content constitutes requirements of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

IEC 60050-471:2007, *International Electrotechnical Vocabulary (IEV) – Part 471: Insulators*

IEC 60120:2020, *Ball and socket couplings of string insulator units - Dimensions*