



SLOVENSKI STANDARD
SIST EN 2309:2001
01-januar-2001

Aerospace series - Hole sizes for solid rivets

Aerospace series - Hole sizes for solid rivets

Luft- und Raumfahrt - Nietlöcher für Vollnieten

Série aérospatiale - Dimensions des trous pour rivets pleins

Ta slovenski standard je istoveten z: EN 2309:1989

[SIST EN 2309:2001](https://standards.iteh.ai/catalog/standards/sist/de27b44e-d025-4437-9082-e5d251f93af5/sist-en-2309-2001)

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ICS:

49.030.60 Kovice Rivets

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EUROPEAN STANDARD
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EN 2309

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English version

Aerospace series
Hole sizes for solid rivets

Série aéronautique
Dimensions des trous
pour rivets pleins

Luft- und Raumfahrt
Nietlöcher für Vollniete

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CEN

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

Central Secretariat : Rue Bréderode 2, B-1000 Bruxelles

Brief History

This draft European Standard has been prepared by the European Association of Aerospace Manufacturers (AECMA).

After enquiries and votes carried out in accordance with the rules of this Association, this draft has successively received the approval of the National Associations and the Official Services of the member countries of AECMA, prior to its presentation to CEN.

In accordance with the Common CEN/CENELEC Rules, the following countries are bound to implement this European Standard: Austria, Belgium, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxemburg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and United Kingdom.

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1 Scope and field of application

This standard specifies hole sizes for solid rivets set by cold forming and is applicable to all materials.

It is applicable to all solid rivets in the EN series.

The purpose of the standard is to reduce the variety of drills and plug gauges used for the production of rivet holes and to ensure consistency in the performance of rivetted joints used in aerospace applications.

2 Reference

ISO/R 286 - 1962, ISO System of limits and fits - Part 1 : General, tolerances and deviations

3 Required characteristics

Dimensions and tolerances shall correspond with table.

Table - Dimensions
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Dimensions in millimetres

Nominal rivet diameter	Rivet max diameter	Hole diameter		
		min.	Tolerance grade	max.
1,6	1,65	1,65	H12	1,75
2,4	2,45	2,45		2,55
3,2	3,25	3,25		3,37
4	4,05	4,05		4,17
4,8	4,85	4,85		4,97
5,6	5,65	5,65		5,77
6,4	6,45	6,45		6,54
8	8,03	8,03	H11	8,12
9,6	9,63	9,63		9,72