



SLOVENSKI STANDARD

SIST EN 2574:2001

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Aerospace series - Welds - Information on drawings

Aerospace series - Welds - Information on drawings

Luft- und Raumfahrt - Schweißnähte - Angaben in Zeichnungen

Série aérospatiale - Soudures - Informations sur les dessins

Ta slovenski standard je istoveten z: EN 2574:1990

[SIST EN 2574:2001](https://standards.iteh.ai/catalog/standards/sist/53b89fa3-84a3-4221-a5a6-fc939779dcbf/sist-en-2574-2001)

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ICS:

25.160.40	Varjeni spoji in vari	Welded joints
49.025.99	Drugi materiali	Other materials

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en

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English version**Aerospace series
Welds****Information on drawings**

Série aérospatiale
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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 European Standard has been prepared by the European Association of Aerospace Manufacturers (AECMA).

After inquiries and votes carried out in accordance with the rules of this Association, this Standard 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.

According to 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, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and United Kingdom.

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0 Introduction

In aerospace construction it is necessary to define additional requirements to ISO 2553 for welding.

1 Scope and field of application

This standard specifies the indications to be shown on drawings or other documents dealing with welding of metallic materials in aerospace industries.

2 References

ISO 2553-1984 Welds - Symbolic representation on drawings

ISO 4063-1978 Welding, brazing, braze welding and soldering of metals - List of processes, for symbolic representation on drawings

3 Indications on drawings

3.1 Symbolic representation

In conformity with ISO 2553. This standard shall be called up either on the drawing or other documents.

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3.2 Other indications (standards.iteh.ai)

Drawings of welded assemblies shall give, either directly, or by reference to other documents, all the necessary instructions :

- for defining precisely the requirements for preparation and carrying out of the weld,
- for acceptance of the welds by the appropriate authorities.

This information includes :

- location of the weld and (if necessary) the spacing or pitch,
- the welding process as per ISO 4063 or by reference to a document defining the process or processes,
- the dimensions of the weld,
- indication of the minimum physical properties of the weld and/or the welded parts after welding,
- the preparation of the edges (unless covered by the welding process),
- classification of the weld (in accordance with the regulations in force),
- indication of type of welding rod, if any (unless covered by the welding process),
- the designation of the materials of the parts to be assembled (in accordance with existing rules),
- heat treatment after welding,
- acceptance test procedure for welds.