



SLOVENSKI STANDARD
SIST EN 2424:2001
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Aerospace series - Marking of aerospace products

Aerospace series - Marking of aerospace products

Luft- und Raumfahrt - Kennzeichnung von Luft- und Raumfahrt-Erzeugnissen

Série aérospatiale - Marquage des produits aérospatiaux

Ta slovenski standard je istoveten z: EN 2424:1995

[SIST EN 2424:2001](https://standards.iteh.ai/catalog/standards/sist/1762b4a0-64ba-47d8-bf2b-370ee246ed84/sist-en-2424-2001)

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ICS:

49.035	Sestavni deli za letalsko in vesoljsko gradnjo	Components for aerospace construction
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EUROPEAN STANDARD

EN 2424

NORME EUROPÉENNE

EUROPÄISCHE NORM

March 1995

ICS 49.040.00

Descriptors: Aircraft industry, aircraft equipment, designation, marking

English version

Aerospace series - Marking of aerospace products

Série aérospatiale - Marquage des produits aérospatiaux

Luft- und Raumfahrt - Kennzeichnung von Luft- und Raumfahrt-Erzeugnissen

This European Standard was approved by CEN on 1995-03-14. CEN members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this European Standard the status of a national standard without any alteration.

Up-to-date lists and bibliographical references concerning such national standards may be obtained on application to the Central Secretariat or to any CEN member.

The European Standards exist in three official versions (English, French, German). A version in any other language made by translation under the responsibility of a CEN member into its own language and notified to the Central Secretariat has the same status as the official versions.

CEN members are the national standards bodies of Austria, Belgium, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and United Kingdom.

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CEN

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

Central Secretariat: rue de Stassart, 36 B-1050 Brussels

Foreword

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.

This standard was submitted for Formal Vote, and the result was positive.

This European Standard shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by September 1995, and conflicting national standards shall be withdrawn at the latest by September 1995.

According to the CEN/CENELEC Internal Regulations, 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, United Kingdom.

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1 Scope

This standard specifies the rules for the marking of aerospace products.

It is applicable whenever referenced in the definition document of the product.

2 Normative references

This European Standard incorporates by dated or undated reference provisions from other publications. These normative references are cited at the appropriate places in the text and the publications are listed hereafter. For dated references, subsequent amendments to or revisions of any of these publications apply to this European Standard only when incorporated in it by amendment or revision. For undated references the latest edition of the publication referred to applies.

TR 3198 Aerospace series - Manufacturers' identification monograms and marks for EN aerospace products ¹⁾

3 Aim

The marking allows the identification of the products and/or their manufacturer.

3.1 Product identification

It shall be as complete as possible. It shall be carried out by means of information in accordance with the marking style (see 4.2).

Style A ensures a complete identification. The other styles need a complementary check on parameters such as : form, dimensions, material, surface treatment etc. to completely define the product.

3.2 Manufacturer identification

It is carried out by means of his monogram or his name (see table 1).

4 Marking practice

4.1 Position

It shall be arranged so as :

- not to be detrimental to the function of the product ;
- to ensure, as far as possible, product identification in the assembled condition.

It shall be stated in the definition document of the product.

1) Published as AECMA Technical Report at the date of publication of this standard

4.2 Marking style

See table 1.

It depends on the space available. The style(s) used shall be quoted in the definition document of the product.

For products needing special identification which is not defined in table 1 (for instance : marking of the left-hand thread for threaded products), specific instructions shall be given in their definition document.

Table 1

Style	Composition of Marking	Example	Application
A	a) Identity block of the definition document of the product b) Manufacturer's monogram ¹⁾	EN2932-060030 ...	All products which can be marked according to this style.
B	a) Identity block of the definition document of the product minus one or several codes ²⁾ b) Manufacturer's monogram ¹⁾	EN2888-080 ...	Products which cannot be marked according to style A.
C	a) Number of the definition document of the product b) Manufacturer's monogram ¹⁾	EN3377 ...	Products which cannot be marked according to styles A or B.
D	a) Number of the EN product standard b) Manufacturer's monogram ¹⁾	2584 ...	Does not apply to the definition documents published since March 1988.
E	a) Last digit of the number of the EN product standard. b) Manufacturer's monogram ¹⁾	4 ...	
F	Manufacturer's monogram ¹⁾	...	Products which cannot be marked according to styles A, B, C, N or P.
G	a) Identity block of the definition document of the product b) Manufacturer's name or monogram ¹⁾ c) Batch number d) Quantity or mass	EN2139-14016	Labels and/or packaging of products which cannot be marked.
H	a) One or several codes of the identity block of the definition document of the product b) Manufacturer's monogram ¹⁾	050 ...	Does not apply to the definition documents published since March 1994.
K			Apply category N.
L			Apply category F.
N	a) Identification of the thread system ³⁾ b) Manufacturer's monogram ¹⁾	... SIST EN 2424:2001 ... https://standards.iteh.ai/catalog/standards/sist/1762b4a0-64ba-778c8f2b-370bc246cd84/sist-en-2424-2001	Threaded products which cannot be marked according to styles A, B or C.
P	a) Manufacturer's monogram ¹⁾ b) Manufacturer's part number c) Additional marking (e.g. date of manufacture : year, week) ⁴⁾	Electrical products
1) In accordance with TR 3198 for EN aerospace products. 2) For bolts, the length code shall be mentioned in priority. 3) MJ or JM for metric J thread according to the manufacturer's choice and UJ for UNJ thread in inches 4) If required by the definition document of the product			

4.3 Procedure

It shall ensure permanent marking and shall not prejudice the requirements to be met for the product.

Unless otherwise stated in the definition document of the product :

- the choice of the procedure is left to the option of the manufacturer ;
- the marking shall be indented or embossed. The intrusion or protrusion of the characters shall be comprised between 0,05 mm and 0,25 mm.

4.4 Legibility

The marking shall be legible without magnification after a possible surface treatment. The character size shall not be less than 0,8 mm. The preferred character size is 1,5 mm.

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