SLOVENSKI STANDARD
SIST EN 2484:2001

01-januar-2001

Aerospace series - Microfilming of drawings - Aperture card for 35 mm microfilm

Aerospace series - Microfilming of drawings - Aperture card for 35 mm microfilm

Luft- und Raumfahrt - Zeichnungsverfilmung - Mikrofilm-Lochkarte für Film 35 mm

Série aérospatiale - Microfilmage des dessins - Carte a fenetre pour microfilm 35 mm

Ta slovenski standard je istoveten z: **EN 2484:1989**

ICS:

37.080	Uporabniške rešitve za predstavitev dokumentov	Document imaging applications
49.020	Letala in vesoljska vozila na splošno	Aircraft and space vehicles in general

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EUROPEAN STANDARD

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English version

Aerospace series
Microfilming of drawings
Aperture card for 35 mm microfilm

Série aérospatiale
Microfilmage des dessins
Carte à fenêtre pour microfilm 35 mm

Luft- und Raumfahrt
Zeichnungsverfilmung
Mikrofilm-Lochkarte für Film 35 mm

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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.

Contents

0 Introduction

Technical drawings and associated documents can be transferred to microfilm for simplified handling in the exchange of information within and between organizations.

By combining a slave card with an aperture card containing a microimage on 35 mm film, the information content is increased, handling of the aperture card is reduced, and it is possible to use the slave card for data processing.

1 Scope and field of application

This standard specifies the aperture card for 35 mm microfilm and the column allocation and data entry of the control and identification characteristics for aerospace using card code A (see clause 4).

2 References

ISO 1681-1973	Information processing - Unpunched paper cards - Specification
ISO 3272/3-1975	Microcopying of technical drawings and other drawing office documents - Part 3 - Unitized 35 mm microfilm carriers
ISO 6586-1980	Data processing - Implementation of the ISO 7-bit and 8-bit coded character sets on punched cards.

3 Requirements

3.1 Unprinted microfilm aperture card

The microfilm aperture card shall conform to ISO 1681 and ISO 3272/3.

3.2 Printed microfilm aperture card

All printed data shall conform to the figure and appear on the front face of the microfilm aperture card.

The identification of the card manufacturer shall appear outside the data area at the lower card edge only.

3.3 Identification

The identification of the microfilm aperture card shall consist of :

- standard number EN 2484,
- card code A,
- code of the language in which the card is printed (see table 4),

and shall be given outside the data area on the right hand edge of the card (see figure).

3.4 Company's or authority's logo

The name and/or the symbol of the company or authority responsible for the microfilm aperture card shall be indicated below the aperture.

3.5 Copyright

A copyright reference may be given below the company's or authority's logo to protect the technical content of the microimage.

3.6 Identification of emulsion side and film type

The position of the emulsion side of the mounted microimage shall be marked on the microfilm aperture card by a code number according to table 1 on the right next to the aperture.

The film type is indicated by complete colouring of the microfilm aperture card or by a colour strip of 5 mm across the upper edge of the card (see table 1).

Table 1

Code no.	Characteristic	Film type	Card colour	Colour strip	Designation code
1	Emulsion side back	Original film	neutral	none	A
2	Emulsion side front	Duplicate film	or neutral	orange	B
			orange	none	C
1	Emulsion side back	Duplicate film	or neutral	yellow	D
			yellow	none	E

4 Control and identification characteristics

Punching positions of columns are used for control and identification of microfilm aperture cards. The mounted microimage is the primary data carrier.

The column allocation for the microfilm aperture card (see figure) and data entry is defined and explained by the card code A in table 2.

The card code identifies microfilm aperture cards of different column allocation.

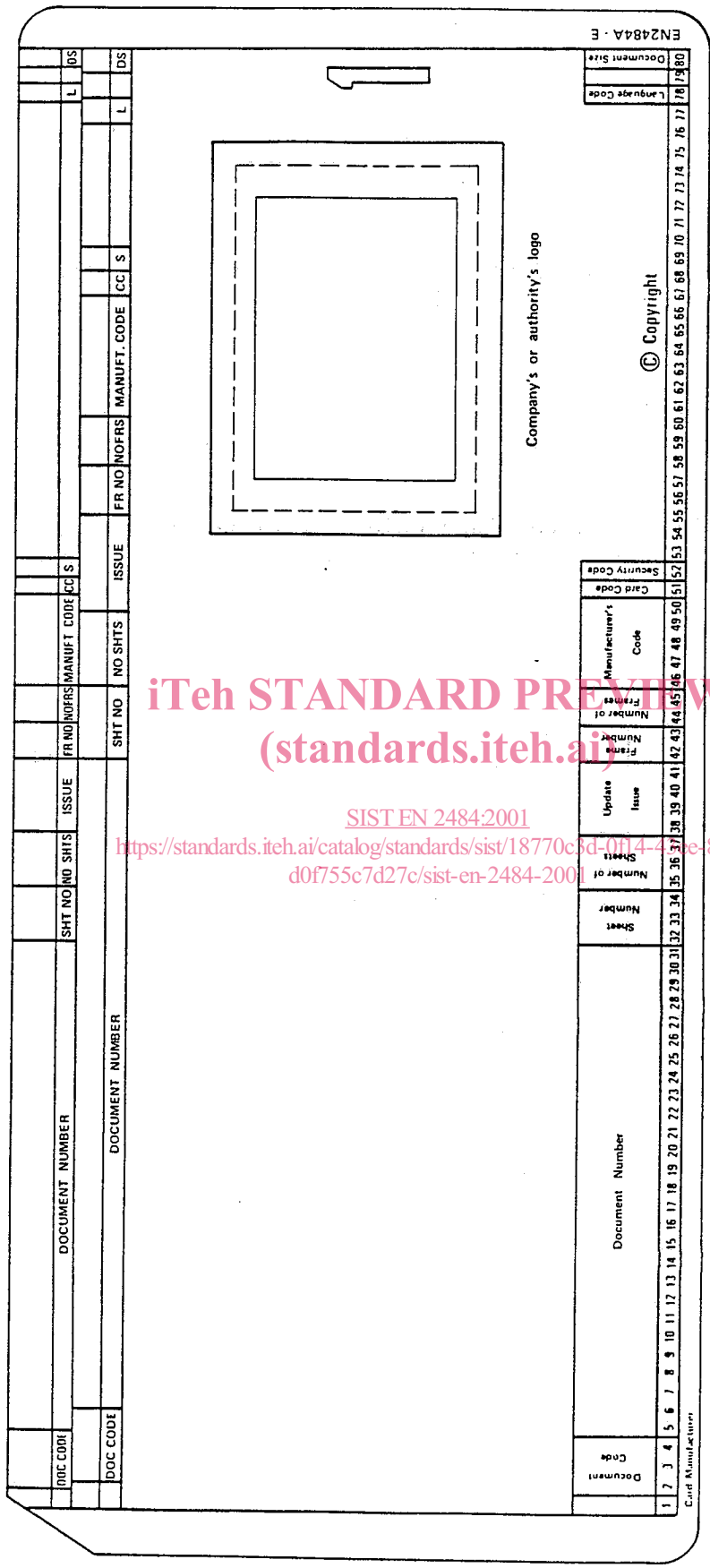

FIGURE — Microfilm aperture card *card code A* of code N° 1 as per table 1 (not to scale)

Table 2 - Column allocation and data entry for card code A

Column	Number of digits	Designation and short code	Data entry
1	1	(blank)	Available for internal use. Remains blank for exchange between organizations.
2 to 4	3	Document code DOC. CODE	Alphabetic code left justified; numeric code right-justified
5 to 31	27	Document number	Left-justified
32 to 34	3	Sheet number SHT. NO.	Right-justified
35 to 37	3	Number of sheets NO. SHTS.	Right-justified
38 to 41	4	Update issue ISSUE	Alphabetic code left-justified; numeric code right-justified
42 and 43	2	Frame number FR. NO.	When microfilming a one-part technical document in sections, right-justified
44 and 45	2	Number of frames NO. FRS.	
46 to 50	5	Manufacturer's code MANUFT. CODE	Code number [1] of the company or authority having established the technical document.
51	1	Card code CC	Letter code "A"
52	1	Securitiy classification code S	Code number according to table 3 or in line with the regulations of the security organizations
53 to 77	25	(Microimage)	No punching
78	1	Language code [2] L	Code letter according to table 4
79	1	(blank)	
80	1	Document size code DS	Code number according to table 5

[1] For code number see "Cataloging Handbook H 4-Series" (list of manufacturer's codes). If no manufacturer's code is allocated, the columns remain blank.

[2] Entry recommended, this indicates the original language of the technical document.