

Infotehnoloogia. Salvestiseta 12,7 mm (0,5 tolli) laiune magnetlint infovahetuseks. 32 jalg/mm (800 jalg/toll), NRZ1, 126 jalg/mm (3 200 jalg/toll) faaskodeerimisega ja 356 jalg/mm (9 042 jalg/toll), NRZ1

Information technology - Unrecorded 12,7 mm (0.5 in) wide magnetic tape for information interchange - 32 ftpmm (800 ftpi), NRZ1, 126 ftpmm (3 200 ftpi) phase encoded and 356 ftpmm (9 042 ftpi), NRZ1

EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

See Eesti standard EVS-EN 21864:1999 sisaldab Euroopa standardi EN 21864:1993 ingliskeelset teksti.	This Estonian standard EVS-EN 21864:1999 consists of the English text of the European standard EN 21864:1993.
Standard on jõustunud sellekohase teate avaldamisega EVS Teatajas.	This standard has been endorsed with a notification published in the official bulletin of the Estonian Centre for Standardisation.
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Võtmesõnad: bobbin s, data processing, dimensions, information interchange, magnetic tapes, specifications, virgin medium,

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UDC 681.327.64

Descriptors: Data processing, information interchange, magnetic tape, virgin medium, characteristics, dimensions, interchangeability, codification.

English version

Information technology

Unrecorded 12,7 mm (0,5 in) wide magnetic tape for information interchange, 32 ftpmm (800 ftpi), NRZ1, 126 ftpmm (3200 ftpi), phase-encoded, and 356 ftpmm (9042 ftpi), NRZ1
(ISO 1864:1992)

Technologie de l'information; bande magnétique vierge de 12,7 mm (0,5 in) de large pour l'échange d'information, 32 ftpmm (800 ftpi), NRZ1, 126 ftpmm (3200 ftpi) par codage de phase et 356 ftpmm (9042 ftpi), NRZ1 (ISO 1864:1992)

Informationstechnik; unbeschriebenes 12,7 mm (0,5 in) breites Magnetband für den Datenaustausch bei 32, 126 und 356 Flußwechseln/mm (800, 3200 und 9042 Flußwechseln/in) (ISO 1864:1992)

This European Standard was approved by CEN on 1993-11-25 and is identical to the ISO Standard as referred to.

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.

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 CEN member into its own language and notified to the Central Secretariat has the same status as the official versions.

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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

in 1993, CEN/BT decided to submit the International Standard

ISO 1864:1992 Information technology; unrecorded 12,7 mm (0,5 in) wide magnetic tape for information interchange, 32 ftpmm (800 ftpi), NRZ1, 126 ftpmm (3200 ftpi), phase-encoded, and 356 ftpmm (9042 ftpi), NRZ1

to Formal Vote. The result was positive.

In accordance with 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 and United Kingdom.

Endorsement notice

The text of the International Standard ISO 1864:1992 was approved by CEN as a European Standard without any modification.

1 Scope

This International Standard specifies the characteristics of 12,7 mm (0,5 in) wide magnetic tape with reel, to enable magnetic and mechanical interchangeability of such tape between information processing systems.

This International Standard applies solely to magnetic tape for digital recording using the NRZ1 method of recording at 32 ftpmm and 356 ftpmm (800 ftpi and 9 042 ftpi) or the phase-encoded method of recording at 126 ftpmm (3 200 ftpi) in which the direction of magnetization is nominally longitudinal.

NOTE 1 Some numeric values in the SI and/or Imperial measurement system in this International Standard have been rounded off and therefore are consistent with, but not exactly equal to, each other. Either system may be used, but the two should be neither intermixed nor re-converted. The original design was made using the Imperial measurement system.

2 Normative references

The following standards contain provisions which, through reference in this text, constitute provisions of this International Standard. At the time of publication, the editions indicated were valid. All standards are subject to revision, and parties to agreements based on this International Standard are encouraged to investigate the possibility of applying the most recent editions of the standards indicated below. Members of IEC and ISO maintain registers of currently valid International Standards.

ISO 209-1:1989, *Wrought aluminium and aluminium alloys — Chemical composition and forms of products — Part 1: Chemical composition.*

ISO 468:1982, *Surface roughness — Parameters, their values and general rules for specifying requirements.*

ISO 1863:1990, *Information processing — 9-track, 12,7 mm (0,5 in) wide magnetic tape for information interchange using NRZ1 at 32 ftpmm (800 ftpi) — 32 cpmm (800 cpi).*

ISO/IEC 3788:1990, *Information processing — 9-track, 12,7 mm (0,5 in) wide magnetic tape for information interchange using phase encoding at 126 ftpmm (3 200 ftpi), 63 cpmm (1 600 cpi).*

ISO 5652:1984, *Information processing — 9-Track, 12,7 mm (0,5 in) wide magnetic tape for information interchange — Format and recording, using group coding at 246 cpmm (6 250 cpi).*

ISO 6098:1984, *Information processing — Self-loading cartridges for 12,7 mm (0,5 in) wide magnetic tape.*

ASTM D 2000, *Rubber products in automotive applications, classification system for.*

3 Definitions

For the purposes of this International Standard, the following definitions apply.

3.1 magnetic tape: A tape that will accept and retain the magnetic signals intended for input, output and storage purposes on computers and associated equipment.

3.2 Master Standard Reference Tape: A tape selected as the standard for signal amplitude.

NOTE 2 A Master Standard Reference Tape has been established at the US National Institute of Standards and