

JIS

JAPANESE INDUSTRIAL STANDARD

**Magnetic tape for
information interchange**

JIS X 6101⁻¹⁹⁹¹

Translated and Published

by

Japanese Standards Association

In the event of any doubt arising,
the original Standard in Japanese is to be final authority.

1. Scope

This Japanese Industrial Standard specifies the magnetic tape (hereafter referred to as tape), which is used as recording medium intended for information interchange purpose between electronic digital computers, similar associated devices.

Remarks 1. The applicable standards for this standard are given as follows:

JIS B 7502-Micrometer Callipers for External Measurement

JIS H 4000-Aluminium and Aluminium Alloy Sheets and Plates, Strip and Coiled Sheets

JIS X 6102-Magnetic Tape Reel for Information Interchange

JIS X 6201-200 mm Flexible Disk Cartridges

2. The corresponding international standard to this standard is given as follows:

ISO 1864 Information processing-Unrecorded 12, 7 mm (0.5 in) wide magnetic tape for information interchange-8 and 32 rpmm (200 and 800 rpi) NRZI, and 63 rpmm (1600 rpi) phase-encoded

2. Definition of terms

For the purposes of this standard, the following definitions apply:

- (1) E-value Difference between the radii of the wound tape and of the reel flange.
- (2) self-loading cartridge An annular cartridge mountable to and dismountable from the outer periphery of a magnetic tape reel. Use of this cartridge with a tape on the magnetic tape drive unit with automatic mounting mechanism will make automatic mounting easier, and in addition, will facilitate the storage and preservation of tapes.
- (3) rim end and hub end of tape The tape end farthest from the hub of a tape and the tape end nearest thereto, respectively.
- (4) reference tape A tape of which its electromagnetic conversion characteristics are used as the standard and are specified by the International Organization for Standardization (ISO).