

JIS

JAPANESE INDUSTRIAL STANDARD

**Alphanumeric Character Sets
for Optical Recognition**

JIS X 9001^{—1976}

Translated and Published

by

Japanese Standards Association

Translation without guarantee
In the event of any doubt arising, the original
standard in Japanese is to be evidence

1. Scope

This standard specifies the printed image shapes and sizes of alphanumeric characters and symbols designed for use in optical character recognition.

2. Meanings of Terms

The meanings of main terms used in this standard are as follows:

- (1) character A figure for denoting information. Alphabets, numerics and symbols are considered as characters.
- (2) character shape A shape of each character.
- (3) font A set of character shapes specified uniformly for a group of characters. Irrespective of variation of the size and the proportion of height and width for the whole of sets, the font is regarded as identical.
- (4) OCR-A, OCR-B Names of fonts to be specified in this standard. (See 3. Kinds of Fonts and Their Names)
- (5) centerline shape A shape drawn by a line or lines for showing the framework of a character.
- (6) printing frame A rectangle limiting dimensions of a centerline shape as a basic condition for font design. It depends upon the font and the size.

Remarks 1. The centerline shapes of Long Vertical Line, and some lower case alphabet letters and symbols of OCR-B may extend from the rectangle.

2. The centerline shapes of Character Erase and Group Erase are not defined in this standard.

- (7) strokewidth A width of character strokes forming a character shape.
- (8) base line A horizontal line used to determine the relative vertical position of characters printed on the same line.

Reference Standards:

JIS X 9010-Coding of OCR Character Sets for Information Interchange

JIS X 9003-KATAKANA Character Set for Optical Recognition

JIS X 9004-Printing Specifications for Optical Character Recognition