

JIS

JAPANESE INDUSTRIAL STANDARD

Handprinted Numerals for Optical Character Recognition

JIS X 9006₋₁₉₇₉

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Handprinted Numerals for Optical Character
Recognition

X 9006-1979

1. Scope

This Japanese Industrial Standard specifies character shapes of handprinted numerals to be used for optical character recognition, hereinafter referred to as the "OCR," system and the specifications related thereof.

2. Definitions

In this standard the following definitions shall apply:

- (1) numerals The numerals mean arabic numerals of 0, 1, 2, 3, 4, 5, 6, 7, 8, and 9.
- (2) character shape The character shape means the shape of each numeral.
- (3) character set The character set means a set of character shape provided as standard for a group of numerals.
- (4) stroke The stroke means a line with width that constitutes each character shape.
- (5) stroke width The stroke width means of the stroke which constitutes the character shape.
- (6) spur The spur means a short stroke lying approximately perpendicular to a long stroke.
- (7) hook The hook means a short stroke to be perpendicularly attached to the beginning end of finishing end of a long stroke.
- (8) machine reference mark The machine reference mark means a mark used as the reference at scanning by the machine. (Refer to Attached Fig. 1)
- (9) guide box The guide box means a rectangle which indicates a space in which a numeral shall be written, and consists of a pair of sides parallel to and a pair perpendicular to the machine reference mark (inside of sides). (Refer to Attached Fig. 1)
- (10) width of guide box The width of guide box means horizontal distance between the insides of two vertical sides which constitute the guide box. (Refer to Attached Fig. 1)
- (11) height of guide box The height of guide box means vertical distance between the insides of two horizontal sides which constitute the guide box. (Refer to Attached Fig. 1.)
- (12) writing zone The writing zone means the minimum rectangle which covers all guide boxes within a group of guide boxes in a line, and consists of a pair of sides parallel to and a pair perpendicular to the machine reference mark. (Refer to Attached Fig. 2.)
- (13) horizontal guide box spacing The horizontal guide box spacing means horizontal distance between the vertical centre lines of an adjacent guide box pair in a writing zone. (Refer to Attached Fig. 1.)