

JIS

JAPANESE INDUSTRIAL STANDARD

Keys and their corresponding keyways

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B 1301-1996

1. Scope This Japanese Industrial Standard specifies the parallel keys, taper keys and Woodruff keys made of steel used for general machines (hereafter referred to as "keys" in generic term) and their corresponding keyways.

Remarks 1. The standards cited in this Standard are as follows:

JIS B 0651 Instruments for the measurement of surface roughness by the stylus method

JIS Z 2241 Method of tensile test for metallic materials

2. The International Standards corresponding to this Standard are as follows.

ISO/R 773:1969 Rectangular or square parallel keys and their corresponding keyways

ISO/R 774:1969 Taper keys with or without gib head and their corresponding keyways

ISO 3912:1977 Woodruff keys and keyways

2. Classification and symbol of keys

2.1 Key The key shall be classified into six classes as shown in Table 1 according to its shape.

Table 1. Classification and symbol of keys

	Shape	Symbol
Parallel key	Without hole for screw thread	P
	With hole for screw thread	PS
Taper key	Without gib head	T
	With gib head	TG
Woodruff key	Normal form	WA
	Whitney form	WB

2.2 Key end The end of parallel key shall be classified into three classes as shown in Fig. 1 according to its shape.

If not designated, key ends shall be of both ends rectangular or square.