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Circular saw blades for woodworking

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Descriptors : circular saws (machines), woodworking machines, cutting tools,
woodworking, blades

Reference number : JIS B 4802 : 1998 (E)

B 4802:1998

Foreword

This translation has been made based on the original Japanese Industrial Standard revised by the Minister of International Trade and Industry through deliberations at Japanese Industrial Standards Committee in accordance with the Industrial Standardization Law. Consequently, JIS B 4802:1973 is replaced with JIS B 4802:1998.

This revision is intended to conform to corresponding International Standard, **ISO 2935:1974**, *Circular saw blades for woodworking — Dimensions* and practical use.

Attention is drawn to the possibility that some parts of this Standard may conflict with a patent right, application for a patent after opening to the public, utility model right or application for registration of utility model after opening to the public which have technical properties. The relevant Minister and the Japanese Industrial Standards Committee are not responsible for identifying the patent right, application for a patent after opening to the public, utility model right or application for registration of utility model after opening to the public which have the said technical properties.

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In the event of any doubts arising as to the contents,
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Circular saw blades for woodworking

Introduction This Japanese Industrial Standard has been made on the basis of **ISO 2935**, *Circular saw blades for woodworking — Dimensions* published in 1974 as the first edition, without changing the technical contents except the classes and their shapes and dimensions specified conventionally in the Japanese Industrial Standard. Besides, the items (quality, material, test method, inspection, designation of products and marking) not specified in the corresponding International Standard were also added to this Japanese Industrial Standard.

1 Scope This Japanese Industrial Standard specifies the circular saw blades for woodworking (hereafter referred to as "circular saw"). Those of special type such as miter saws are excluded.

Remarks: The following is the corresponding International Standard to this Standard:

ISO 2935:1974 *Circular saw blades for woodworking — Dimensions*

2 Normative references The following standards contain provisions which, through references in this Standard, constitute provisions of this Standard. The most recent editions of the standards indicated below shall be applied.

JIS B 7502 *Micrometer callipers*

JIS B 7503 *Dial gauges*

JIS B 7726 *Rockwell and Rockwell superficial hardness testing machines*

JIS G 4401 *Carbon tool steels*

JIS Z 2245 *Method of Rockwell and Rockwell superficial hardness test*

3 Quality

3.1 Appearance The appearance shall be free from cracks, flaws harmful in use and the finish shall be good.

3.2 Variation of thickness The variation of thickness of the circular saw shall be as given in Table 1.

Table 1 Variation of thickness

Unit: mm

Division of outside diameter	Variation of thickness (in a single saw)
630 or under	0.06 or under
Exceeding 630	0.1 or under