



JAPANESE
INDUSTRIAL
STANDARD

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Japanese Standards Association

JIS B 0041 : 1999

(ISO 6411 : 1982)

**Technical drawings—
Simplified representation
of centre holes**

ICS 01.100.20

Descriptors : centre-holes, engineering drawings, graphic representation

Reference number : **JIS B 0041 : 1999 (E)**

B 0041 : 1999 (ISO 6411 : 1982)

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 0041 : 1983** is replaced with **JIS B 0041 : 1999**.

As a result of this revision, this Standard has become identical with **ISO 6411 : 1982**, *Technical drawings—Simplified representation of centre holes* which is the corresponding International Standard.

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In the event of any doubts arising as to the contents,
the original JIS is to be the final authority.

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Technical drawings—Simplified representation of centre holes

Introduction This Japanese Industrial Standard has been prepared based on the first edition issued in 1982 of ISO 6411, *Technical drawings—Simplified representation of centre holes* without changing the technical contents.

The description underlined with a dotted line in this Standard is not included in the original International Standard.

1 Scope This Standard specifies the simplified representation of centre holes and their designation. Simplified representation of centre holes may be used particularly when it is not necessary to show the exact form and size and where the designation of standardized centre holes is sufficient for information.

2 Normative references The following standards contain provisions which, through reference in this text, constitute provisions of this Standard.

For these normative references, the most recent editions shall apply.

JIS B 4304 *Centre drills for centre holes*

Remarks: The provisions cited from ISO 866, *Centre drills for centre holes without protecting chamfers—Type A*, ISO 2540, *Centre drills for centre holes with protecting chamfers—Type B* and ISO 2541, *Centre drills for centre holes with radius form—Type R* are equivalent to this said standard.

JIS Z 8313-1 *Technical drawings—Lettering—Part 1 : Currently used characters*

Remarks: This said standard is identical to ISO 3098-1 *Technical drawings—Lettering—Part 1 : Currently used characters*.

JIS Z 8316 *Technical drawings—General principles of presentation*

Remarks: The provisions cited from ISO 128, *Technical drawings—General principles of presentation* are equivalent to the relevant provisions in this said standard.

ISO 6428 *Technical drawings—Requirements for microcopying*

3 Indication on drawings

3.1 Requirements Generally, three different requirements may be defined on technical drawings for the form and size of centre holes, namely:

- a) centre hole is required on the finished part;
- b) centre hole can be accepted on the finished part, but is not a fundamental requirement;
- c) centre hole shall not exist on the finished part.