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(JWES)

**Welding and allied processes — Symbolic  
representation**

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In the event of any doubts arising as to the contents,  
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## Foreword

This translation has been made based on the original Japanese Industrial Standard revised by the Minister of Economy, Trade and Industry through deliberations at the Japanese Industrial Standards Committee as the result of proposal for revision of Japanese Industrial Standard submitted by The Japan Welding Engineering Society (JWES) with the draft being attached, based on the provision of Article 12 Clause 1 of the Industrial Standardization Law applicable to the case of revision by the provision of Article 14. Consequently **JIS Z 3021:2010** is replaced with this Standard.

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Attention is drawn to the possibility that some parts of this Standard may conflict with patent rights, applications for a patent after opening to the public or utility model rights. The relevant Minister and the Japanese Industrial Standards Committee are not responsible for identifying any of such patent rights, applications for a patent after opening to the public or utility model rights.

# Welding and allied processes — Symbolic representation

## Introduction

This Japanese Industrial Standard was established in 1955 and has gone through eight revisions up to the present. The last revision was made in 2010, and the revision at this time is to conform to **ISO 2553** revised in 2013.

**ISO 2553** : 2013 allows System A based on **ISO 2553** : 1992 to coexist with System B based upon standards used by Pacific Rim countries.

This Standard adopts System B given in the fourth edition of **ISO 2553** published in 2013 with some modifications of the technical contents.

When necessary, System A specified in **ISO 2553** is applied.

The portions given sidelines or dotted underlines are the matters in which the contents of the original International Standard have been modified. A list of modifications with the explanations is given in Annex JB.

## 1 Scope

This Standard defines the rules to be applied for symbolic representation of welding on technical drawings according to System B.

NOTE : The International Standard corresponding to this Standard and the symbol of degree of correspondence are as follows.

ISO 2553 : 2013 *Welding and allied processes — Symbolic representation on drawings — Welded joints* (MOD)

In addition, symbols which denote the degree of correspondence in the contents between the relevant International Standard and **JIS** are IDT (identical), MOD (modified), and NEQ (not equivalent) according to **ISO/IEC Guide 21-1**.

## 2 Normative references

The following standards contain provisions which, through reference in this text, constitute provisions of this Standard. The most recent editions of the standards (including amendments) indicated below shall be applied.

JIS B 0031 *Geometrical Product Specifications (GPS) — Indication of surface texture in technical product documentation*

NOTE : Corresponding International Standard : ISO 1302 *Geometrical Product Specifications (GPS) — Indication of surface texture in technical product documentation* (IDT)

JIS Z 2300 *Terms and definitions of nondestructive testing*