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**Railway switches—Shape and  
dimension**

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## Foreword

This Japanese Industrial Standard has been revised by the Minister of Land, Infrastructure, Transport and Tourism through deliberations at the Japanese Industrial Standards Committee as the result of proposal for revision of Japanese Industrial Standard submitted by Japan Railway Turnout Manufacturers' Association (JRTMA)/Japanese Standards Association (JSA) 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 E 1305**:1998 is replaced with this Standard.

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# Railway switches—Shape and dimension

## Introduction

This Japanese Industrial Standard was established in 1973 and has gone through three revisions up to the present. The last revision was made in 1998, and this third revision has been made for the purpose of correcting and unifying some aspects of the representation of the drawings.

No corresponding International Standard has been established at this point.

## 1 Scope

This Standard specifies shape and dimensions of railway switches for 1 067 mm and 1 435 mm gauge turnouts (hereafter referred to as switches). It is not applicable to the switches intended for Shinkansen railways built in conformance with the Nationwide Shinkansen Railway Development Act.

## 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 0205 (standard series) *ISO general purpose metric screw threads*

JIS E 1301 *Turnout number*

JIS E 1311 *Railway—Turnouts and crossings vocabulary*

## 3 Terms and definitions

For the purpose of this Standard, the terms and definitions given in **JIS E 1311** apply.

In this Standard, those parts that are situated on the right with respect to the track centreline when viewed from the toe of the turnout toward its heel are referred to as the right-hand parts, and those on the left-hand side, as the left-hand parts.

## 4 Shape and dimensions of switches

The shape and dimensions of switches are shown in Table 1.

The numbering of the switches shown in this Standard is in accordance with **JIS E 1301**.