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JIS E 1307 : 1999

## Guards for turnouts and crossings— Shapes and dimensions

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ICS 45.080

**Descriptors** : designations, shape, dimensions, point work, turnouts, diamond crossings

**Reference number** : JIS E 1307 : 1999 (E)

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## Foreword

This translation has been made based on the original Japanese Industrial Standard revised by the Minister of Transportation through deliberations at the Japanese Industrial Standards Committee in accordance with the Industrial Standardization Law:

Date of Establishment: 1975-04-01

Date of Revision: 1999-07-21

Date of Public Notice in Official Gazette: 1999-08-04

Investigated by: Japanese Industrial Standards Committee  
Divisional Council on Railways and Rolling  
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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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## Guards for turnouts and crossings— Shapes and dimensions

**Introduction** This Japanese Industrial Standard has been prepared for the chief purpose of ensuring safety in the wheel operation, relating to the shapes and dimensions of guards for railway turnouts and crossings, established in 1975. As to this revision, while inquiries have been made to **ISO** and **UIC**, no International Standard corresponding to this Standard has been established.

**1 Scope** This Standard specifies the shapes and dimensions of guards for railway turnouts and crossings of 1 067 mm and 1 435 mm gauges (hereafter referred to as “guards”). This Standard, however, does not apply to the crossings of Shinkansen railways, being based on the National Shinkansen Network Law.

**2 Normative reference** The following standard contains provisions which, through reference in this Standard, constitute provisions of this Standard. The most recent edition of the standard indicated below shall be applied.

JIS E 1304 *Dimension of turnouts and crossings*

**3 Shapes and dimensions of guards** For the purpose of this Standard, Table 1 gives the shapes and dimensions of guards.

The classification of geometries is according to **JIS E 1304**.