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JIS E 1102 : 2001

**Fish plates for rails**

JIS E 1102 : 2001 has been revised under date of March 25, 2006.  
The revised items are included in Amendment 1.

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ICS 45.080

**Descriptors** : fish plates, railway rails

**Reference number** : JIS E 1102 : 2001 (E)

## 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 in accordance with the Industrial Standardization Law. Consequently **JIS E 1102 : 1992** is replaced with **JIS E 1102 : 2001**.

This revision, in striving after conformity to the corresponding International Standard, adopts **ISO 6305-1** *Railway components—Technical delivery requirements—Part 1 : Rolled steel fishplates* as the basis.

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,  
the original JIS is to be the final authority.

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## Fish plates for rails

**Introduction** This Standard has been prepared based on the first edition of **ISO 6305-1 Railway components—Technical delivery requirements—Part 1 : Rolled steel fishplates** published in 1981 without modifying the technical contents of the corresponding International Standard, except supplement of the following clauses and technical contents not specified in the corresponding International Standard and deletion of some requirements of that Standard.

While **ISO 6305-1** has no specification for classification of fishplates, this Standard, as relative to flat bottom railway rails of **JIS E 1101**, specifies the classification as usual and further supplements some contents of the former **JIS**.

The parts sidlined or underlined with dots in this Standard show the matters not specified in the corresponding International Standard.

**1 Scope** This Japanese Industrial Standard specifies the quality requirements of the product and the conditions of acceptance testing for fishplates intended for use with railway rails<sup>(1)</sup> of calculated mass equal to or greater than 30 kg/m (hereafter referred to as “fishplates”).

Note (1) The **JIS** standards for these rails are listed as follows.

JIS E 1101 Flat bottom railway rails and special rails for switches and crossings of non-treated steel

JIS E 1120 Head hardened rails

JIS E 1122 Compromise rails

JIS E 1123 End hardened rails

Remarks 1 The purchaser's attention is drawn to the fact that an invitation to tender should normally be accompanied by such relevant documents as definitions of the conditions of use and manufacture, and in particular those concerning the application of this Standard.

2 The International Standard corresponding to this Standard is as follows.

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**.

ISO 6305-1 Railway components—Technical delivery requirements—Part 1 : Rolled steel fishplates (MOD)

**2 Normative references** The following standards contain provisions which, through reference in this Standard, constitute provisions of this Standard. The most recent editions of the standards (including amendments) indicted below shall be applied.

JIS B 7514 Steel straightedges

JIS G 0303 General rules for inspection of steel

JIS G 1211 Iron and steel—Methods for determination of carbon content