

# JIS

JAPANESE INDUSTRIAL STANDARD

Light Rails

Ⓔ JIS E 1103—1981

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In the event of any doubt arising, the original  
standard in Japanese is to be evidence



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Light Rails

E 1103-1981

## 1. Scope

This Japanese Industrial Standard specifies the light rails of carbon steel, hereinafter referred to as the "rails".

Remark: The units and numerical values given in { } in this standard are in accordance with the International System of Units (SI), and are appended for reference.

## 2. Classes

The classes of the rails shall be as given in Table 1.

Table 1. Classes

Class	Notation	Note
		Calculated mass kg/m
6 kg rail	6	5.98
9 kg rail	9	8.94
10 kg rail	10	10.1
12 kg rail	12	12.2
15 kg rail	15	15.2
22 kg rail	22	22.3

Remark: The 10 kg rail shall preferably be not used.

### Applicable Standards:

JIS G 0303-General Rules for Inspection of Steel

JIS G 1211-Methods for Determination of Carbon in Iron and Steel

JIS G 1212-Methods for Determination of Silicon in Iron and Steel

JIS G 1213-Methods for Determination of Manganese in Iron and Steel

JIS G 1214-Methods for Determination of Phosphorus in Iron and Steel

JIS G 1215-Methods for Determination of Sulfur in Iron and Steel

JIS G 1253-Method for Photoelectric Emission Spectrochemical Analysis of Iron and Steel

JIS G 1256-Method for Fluorescent X-ray Analysis of Iron and Steel

JIS G 1257-Atomic Absorption Spectrochemical Analysis of Iron and Steel

JIS Z 2201-Test Pieces for Tensile Test for Metallic Materials

JIS Z 2241-Method of Tensile Test for Metallic Materials