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**JIS G 5527** : 2014

(JDPA)

**Ductile iron fittings**

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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 Japan Ductile Iron Pipe Association (JDPA) 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 G 5527:1998** is replaced with this Standard.

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# Ductile iron fittings

## Introduction

This Japanese Industrial Standard has been prepared based on the sixth edition of **ISO 2531** published in 2009 with some modifications of the technical contents.

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

## 1 Scope

This Standard specifies the ductile iron fittings (hereafter referred to as “fittings”) and accessories used to convey water and the like, under pressure or non-pressure, through piping buried underground or laid on the ground.

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

ISO 2531:2009 *Ductile iron pipes, fittings, accessories and their joints for water applications* (MOD)

The 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 0202 *Parallel pipe threads*

JIS B 0205-1 *ISO general purpose metric screw threads—Part 1: Basic profile*

JIS B 0205-3 *ISO general purpose metric screw threads—Part 3: Selected sizes for screws, bolts and nuts*

JIS B 0205-4 *ISO general purpose metric screw threads—Part 4: Basic dimensions*

JIS B 1181 *Hexagon head bolts and hexagon head screws*

JIS B 1184 *Hexagon nuts and hexagon thin nuts*

JIS B 7507 *Vernier, dial and digital callipers*

JIS G 3101 *Rolled steels for general structure*

JIS G 3505 *Low carbon steel wire rods*

JIS G 3506 *High carbon steel wire rods*

JIS G 3507-1 *Carbon steels for cold heading—Part 1: Wire rods*

JIS G 4303 *Stainless steel bars*