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## Test pieces for tensile test for metallic materials

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ICS 77.040.10

**Descriptors** : metals, tensile testing, test specimens, metal sections

**Reference number** : JIS Z 2201 : 1998 (E)

## Foreword

This translation has been made based on the original Japanese Industrial Standard revised by the Minister of International Trade and Industry through deliberations at Japanese Industrial Standards Committee in accordance with the Industrial Standardization Law. Consequently, JIS Z 2201:1980 is replaced with JIS Z 2201:1998.

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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## Test pieces for tensile test for metallic materials

**Introduction** This Japanese Industrial Standard is based on **ISO 6892** : 1984, *Metallic materials—Tensile testing*. However, this Standard specifies the non-proportional test piece not included in **ISO 6892**. This is because that the sudden abortion of the non-proportional test piece which has been specified so far in the Japanese Industrial Standard for a long time is considered to affect a commercial transaction to a great extent. Nevertheless, taking this circumstance into account the division of use and the dimension of test piece specified in **ISO 6892** are included newly in Remarks Table 1 to contribute to the use, when testing the materials specified in **ISO** Standard with a view to seeking the conformity with the International Standard.

**1 Scope** This Japanese Industrial Standard specifies test pieces for tensile test for metallic materials (hereafter referred to as "test piece").

Remarks 1 When the tensile test values are required to be compared between the test pieces of different materials or different dimensions, or when the tensile test results are used in international trade, it is preferable to use the proportional test piece specified in this Standard.

2 The following standard is corresponding International Standard to this Standard :

ISO 6892 : 1984 *Metallic materials—Tensile testing*

**2 Normative references** 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 G 0202 *Glossary of terms used in iron and steel (testing)*

**3 Definitions** For the purpose of this Standard, the definitions given in **JIS G 0202** apply.

### 4 Types of test piece

**4.1** The test pieces shall be classified as specified in **5.1** depending upon the form and size. These are classified into the proportional test piece and the non-proportional one as given in Table 1.