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Metallic powders, excluding powders for hardmetals—
Determination of compressibility in uniaxial compression

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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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Foreword

This Japanese Industrial Standard has been 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 Powder Metallurgy Association (JPMA)/Japanese Standards Association (JSA) with a draft being attached, based on the provision of Article 12, paragraph (1) of the Industrial Standardization Act applied mutatis mutandis pursuant to the provision of Article 16 of the said Act. This edition replaces the previous edition (**JIS Z 2508**:2004), which has been technically revised.

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Introduction

This Japanese Industrial Standard has been prepared based on **ISO 3927**:2017, Edition 5, with some modifications of the technical contents.

The dotted underlines indicate changes from the corresponding International Standard. A list of modifications with the explanations is given in Annex JA.

1 Scope

This Standard specifies methods for measuring the extent to which a metallic powder is compacted when subjected to uniaxial compressive loading in a confining die under specified conditions. The method is not applicable to powders for hardmetals.

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

ISO 3927:2017 Metallic powders, excluding powders for hardmetals—Determination of compressibility in uniaxial compression (MOD)

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 21-1**.

2 Normative reference

The following standard contains provisions which, through reference in this text, constitute provisions of this Standard. The most recent edition of the standard (including amendments) indicated below shall be applied.

JIS Z 2500 Powder metallurgy—Vocabulary

3 Terms and definitions

For the purpose of this Standard, the terms and definitions given in **JIS Z 2500** apply.

4 Symbols and designations

The symbols and designations used in this Standard are defined in Table 1.