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**Testing methods for taper screw
thread angle and pitch diameter of
cylindrical machined graphite
electrodes**

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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 Carbon Association (JCA)/Japanese Standards Association (JSA) 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 R 7202 : 1997** is replaced with this Standard.

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Testing methods for taper screw thread angle and pitch diameter of cylindrical machined graphite electrodes

Introduction

This Japanese Industrial Standard was established in 1952 and has gone through 6 revisions to this day. After the last revision, which was made in 1997, **JIS R 7201** was published in 2002. The revision at this time is for the purpose of maintaining the alignment of this Standard with **JIS R 7201**. Specifically, a size of the taper thread has been added, and specification concerning straight threads has been deleted.

Further, no International Standard corresponding to this Standard has been established at this point.

1 Scope

This Standard specifies the testing methods for taper screw thread angle and pitch diameter of cylindrical machined graphite electrodes used for electric steel making.

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 0262 *Inspection method for taper screw gauges*

JIS B 4652 *Hand torque tools—Requirements and test methods*

JIS B 7503 *Dial gauges*

JIS R 7201 *Dimensions of cylindrical machined graphite electrodes*

JIS Z 8401 *Guide to the rounding of numbers*

3 Terms and definitions

For the purposes of this Standard, the terms and definitions given in **JIS R 7201** apply.

4 Test items

Test items specified in this Standard are taper screw thread angle and pitch diameter.

5 Measuring instruments of taper screw thread angle and pitch diameter

5.1 Classification of measuring instruments

The taper thread plug gauge and the taper thread ring gauge shall be used for the measurement of taper screw thread angle and pitch diameter. The classification is as given in table 1.