

## JAPANESE INDUSTRIAL STANDARD

Translated and Published by Japanese Standards Association

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(JGWA/JSA)

Bonded abrasive products — Shape types, designation and marking

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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 Grinding Wheel Association (JGWA)/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 R 6242: 2015), which has been technically revised.

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# Bonded abrasive products — Shape types, designation and marking

JIS R 6242: 2023

#### Introduction

This Japanese Industrial Standard has been prepared based on **ISO 525**: 2020, Edition 5, with some modifications of the technical contents to comply with actual market situations in Japan.

Annex JA is unique to **JIS** and not given in the corresponding International Standard. The vertical lines on both sides and dotted underlines indicate changes from the corresponding International Standard. A list of modifications with the explanations is given in Annex JB.

### 1 Scope

This Standard specifies the requirements for shapes, designation and marking of bonded abrasive products, excluding abrasive products with diamond/cubic boron nitride (CBN) tools and coated abrasives.

This Standard specifies:

- dimensional symbols;
- shape types and illustrations thereof;
- profiles and symbols thereof;
- specifications;
- Level of safety;
- designation of products; and
- marking requirements.

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

ISO 525: 2020 Bonded abrasive products — Shape types, designation and marking (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 references

Part or all of the provisions of the following standards, through reference in this text, constitute provisions of this Standard. The most recent editions of the standards (including amendments) indicated below shall be applied.