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**NATIONAL STANDARD OF THE
PEOPLE'S REPUBLIC OF CHINA**

GB/T 4127.6-2008

Replacing GB/T 4127-1997

**Abrasive size -- Part 6: Tools and tool room grinding wheels for
(English Translation)**

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Foreword

GB/T 4127 "fixed abrasive size" is divided into 16 parts.

--- Part 1. Cylindrical grinding wheel (workpiece clamping between the top);

--- Part 2. unmotivated cylindrical grinding wheel;

--- Part 3. Internal grinding wheels;

--- Part 4. Surface grinding with grinding wheel;

--- Part 5. face grinding face grinding wheel;

--- Part 6. Tool grinding and tool room grinding wheel;

--- Part 7. Manual grinding wheel;

--- Part 8. Deburring, deserted and rough grinding wheel;

--- Part 9. Heavy-duty grinding wheel;

--- Part 10. Honing and super-fine grinding stone;

--- Part 11. Hand-held polished stone;

--- Part 12. Straight wheel deburring and deserted grinding wheel;

--- Part 13. Vertical grinder with deburring and deserted grinding wheel;

--- Part 14. Angular grinding machine deburring, deserted and rough grinding wheel;

--- Part 15. Fixed or mobile cutting machine cutting wheel;

--- Part 16. Handheld power tools with cutting wheel.

This section GB/T 4127 Part 6.

This part of the amendment adopted ISO 603-6.:1999 "Abrasive size Part 6. Tool grinding and tool room grinding wheel" (in English).

Taking into account China's national conditions, the adoption of ISO 603-6.:1999, this

section made some changes. The relevant technical differences have been incorporated into the text, and marked with a vertical single line in the margins of the clauses to which they relate. In Appendix A (informative) gives a technical poor A very different list of reasons for reference.

For ease of use, this section also made the following editorial changes.

- "This part of ISO 603" be replaced by "This Part";
- Use the decimal point "." Instead of as a decimal point comma ",";
- Remove the foreword international standards.

This Part replaces GB/T 4127-1997 "ordinary abrasive wheel shape and size" part of the content. This part of the amendment reads as follows.

- In line with the international name of such products, the standard name of the "ordinary abrasive" to "fixed abrasive."
- Increased ISO 603-6.:1999 Type 1, Type 3, Type 5, Type 6, Type 7, Type 11, Type 12 wheel and its size series.
- Added to the product markings, requirements and signs of the provisions.

This part is proposed by China Machinery Industry Federation.

This part of the National Abrasives Standardization Technical Committee (SAC/TC139) centralized.

This section is drafted. Suzhou Far East Wheel Co., Ltd. Shandong Lu Xin High-tech Industry Co., Ltd..

1 Scope

GB/T 4127 provisions of this part of the following models wheel size, marking and requirements.

- 1 type. flat grinding wheel
- 1-C type. flat C-type surface grinding wheel
- 3 type. single bevel wheel
- 4 type. double bevel wheel
- 5 type. single concave wheel
- 6 type. cup wheel
- 7 type. double concave wheel
- 11 type. bowl wheel

--- 12 type. disc wheel

--- 12a type. a disc-shaped wheel

--- 12b type. Disc two wheel the provisions of this part of the consolidation abrasive tools for cutting surface and edge grinding or grinding. Workpieces and grinding wheels are mechanically manipulated.

2 Normative references

The following documents contain provisions which, through reference in this part of GB/T 4127, become the provisions of this section. Any reference to the date of the citation all subsequent amendments (not including errata content) or revisions do not apply to this section, however, encouraged to be reached under this section the parties to the agreement examine whether the latest versions of these documents are available. For undated references, the latest version applies to this book section.

GB/T 2484 General requirements for fixed abrasive (GB/T 2484-2006, ISO 525.:1999, MOD) GB/T 2485 fixed abrasive technical conditions

3 Size

3.1 1 type. flat grinding wheel See Figure 1 and Table 1.

Figure 1 1 type