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

GB/T 4127.17-2017

**Bonded abrasive products -- Dimensions -- Part 17: Spindle
mounted wheels**

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1 --- chuck.

Foreword

GB/T 4127 "fixed abrasive size" is divided into the following 18 sections.

- Part 1. Cylindrical grinding wheel (workpiece clamping between the top);
- Part 2. Unmotivated cylindrical grinding wheel;
- Part 3. Internal grinding wheel;
- Part 4. Plane grinding with the surrounding grinding wheel;
- Part 5. Plane grinding face grinding wheel;
- Part 6. Tool grinding and tool room grinding wheel;
- Part 7. Manual manipulation of grinding wheel;
- Part 8 deburring, wasteland 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. Direct grinding machine deburring and deserted grinding wheel;
- Part 13. Vertical wheel deburring and deserted grinding wheel;
- Part 14. Angle grinder deburring, wasteland and rough grinding wheel;
- Part 15. Fixed or mobile cutting machine cutting wheel;
- Part 16. Handheld power tools with cutting wheel;
- Part 17. Sharpened head;
- Part 18. Flat glass grinding wheel.

This section GB/T 4127 Part 17.

This section drafted in accordance with GB/T 1.1-2009 given rules.

This section uses the redrafted law revision adopted ISO 603-17.2014 "fixed abrasive size Part 17. Sharpened head."

This part of ISO 603-17.2014 technical differences and the reasons are as follows.

--- On normative references, this standard made a technical difference with the adjustment to adapt to China's technical conditions, adjust the situation

Concentration reflected in the second chapter "Normative references", the specific adjustments are as follows.

* Replacing ISO 525 with International Standard GB/T 2484;

* increase the reference GB/T 2485.

--- Modify the part of the size of the code (Sd to S, L3 to L1, L2 to L), in line with China's relevant national standards

Regulations

--- Modify the shape of each type handle grinding head and delete all the tables in the "mark" column, because the shape code and markings should be consistent with me

The relevant national standards of the country;

--- Removed all the tables in the "old code" column, as the first version of ISO 603-17.2014, there is no "old code" argument;

--- Table 1, Table 3, Table 4, Table 6 to Table 12 to add the size of the shank grinding head size, because the provisions of ISO 603-17.2014

Size series do not completely cover our product specifications;

--- Product marking, handle the material and signs and other technical requirements amended to comply with the relevant provisions of our national standards to meet our country

Usage and requirements.

This part is proposed by China Machinery Industry Federation.

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

This part of the drafting unit. Zhengzhou abrasive abrasive grinding Institute Co., Ltd., Ningbo Wanfu abrasive Abrasives Factory, Fengxin Xinfeng Abrasives Factory,

Pigeon Abrasive Co., Ltd.

1 Scope

GB/T 4127 provisions of this part of the following fixed abrasive shape and size, marking and technical requirements.

--- 52 type. Shank grinding head.

This section provides fixed abrasive for hand-held grinding and manual grinding.

2 Normative references

The following documents for the application of this document is essential. For dated references, only the dated version applies to this article

Pieces. For undated references, the latest edition (including all amendments) applies to this document.

GB/T 2484 General requirements for fixed abrasive (GB/T 2484-2006, ISO 525.1999, MOD)

GB/T 2485 fixed abrasive technical conditions

3.1 cylindrical, 5201 type

See Figure 1 and Table 1.

The unit is millimeter

Description.

1 --- chuck.

$aL1 \geq 10$.

$bS = 3, L = 30$, or $S = 6, L = 40$, or $S = 8, L = 40$.

Figure 1 cylindrical, 5201 type

Table 1 cylindrical, 5201 type in millimeters

DTS

3 6,10,13 3

5 6,10,13 3