

BUREAU OF INDIAN STANDARDS

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Doc.: PGD 09 (26556) WC

June 2025

भारतीय मानक मसौदा

आबंध अपघर्षक उत्पाद — आयाम

भाग 15 स्टेशनरी या मोबाइल कटिंग-ऑफ मशीनों पर कटिंग-ऑफ ग्राइंडिंग व्हील

(IS/ISO 603-15 का पहला पुनरीक्षण)

Draft Indian Standard

Bonded Abrasive Products — Dimensions

Part 15 Cutting-off Wheels on Stationary or Mobile Cutting-off Machines

(First Revision of IS/ISO 603-15)

ICS 25.100.70

Abrasives Sectional Committee, PGD 09	Last date for Comments: 30 days from the date of approval for WC.
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NATIONAL FOREWORD

This Indian Standard (Part 15) (First Revision) which is identical with ISO 603-15 : 2022 ‘Bonded abrasive products — Dimensions — Part 15: Grinding wheel for cutting-off wheels on stationary or mobile cutting-off machines’ issued by the International Organization for Standardization (ISO) will be adopted by the Bureau of Indian Standards on recommendation of the Abrasives Sectional Committee and approval by the Production and General Engineering Division Council.

This standard was originally published in 1999. This revision has been brought out to align it with ISO 603-15 : 2022.

The major changes in this revision are as follows:

- The scope has been updated to clarify that it does not include limit deviations or run-out tolerances
- Normative references has been revised;
- Terms and definitions has been updated; and
- Shape types and dimensions, introductory, explanatory sentences have been added.

This standard is published in eighteen parts. The other parts in this series are:

- Part 1 Grinding wheels for external cylindrical grinding between centres
Part 2 Grinding wheels for centreless external cylindrical grinding

- Part 3 Grinding wheels for internal cylindrical grinding
- Part 4 Grinding wheels for surface grinding/peripheral grinding
- Part 5 Grinding wheels for surface grinding/face grinding
- Part 6 Grinding wheels for tool and tool room grinding
- Part 7 Grinding wheels for manually guided grinding
- Part 8 Grinding wheels for deburring and fettling/snagging on stationary machine
- Part 9 Grinding wheels for high — pressure grinding
- Part 10 Stones for honing and super finishings
- Part 11 Hand finishing sticks
- Part 12 Grinding wheels for deburring and fettling on a straight grinder
- Part 13 Grinding wheels for deburring and fettling on a vertical grinder
- Part 14 Grinding wheels for deburring and fettling/snagging on an angle grinder
- Part 16 Cutting-off wheels on hand held power tools
- Part 17 Spindle mounted wheels
- Part 18 Grinding wheels for flat glass edge grinding machines

The text of ISO Standard has been approved as suitable for publication as an Indian Standard without deviations. Certain conventions are, however, not identical to those used in Indian Standards. Attention is particularly drawn to the following:

- (a) Wherever the words ‘International Standard’ appear referring to this standard, they should be read as ‘Indian Standard’.
- (b) Comma (,) has been used as a decimal marker while in Indian Standards, the current practice is to use a point (.) as the decimal marker.

In this adopted standard, reference appears to the following International Standard for which Indian Standard also exists. The corresponding Indian Standard which is to be substituted in its place is listed below along with its degree of equivalence for the edition indicated.

<i>International Standard</i>	<i>Corresponding Indian Standard</i>	<i>Degree of Equivalence</i>
ISO 525 Bonded abrasive products — Shape types, designation and marking	PGD 09 (23642)/ISO 525 : 2020 Bonded abrasive products — shape types designation and marking	Identical

For the purpose of deciding whether a particular requirement of this standard is complied with the final value, observed or calculated, expressing the result of a test or analysis shall be rounded off in accordance with IS 2 : 2022 ‘Rules for rounding off numerical values (*second revision*)’. The number of significant places retained in the rounded off value should be the same as that of the specified value in this standard.

NOTE: The technical content of draft standard is not available on website. For details, please refer to ISO 603-15 : 2022 or contact:

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