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Coated abrasive products — Dimensional tolerances on non-standard conversions

*Produits abrasifs appliqués — Tolérances dimensionnelles sur les produits convertis non
normalisés*

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Foreword

ISO (the International Organization for Standardization) is a worldwide federation of national standards bodies (ISO member bodies). The work of preparing International Standards is normally carried out through ISO technical committees. Each member body interested in a subject for which a technical committee has been established has the right to be represented on that committee. International organizations, governmental and non-governmental, in liaison with ISO, also take part in the work.

Draft International Standards adopted by the technical committees are circulated to the member bodies for approval before their acceptance as International Standards by the ISO Council. They are approved in accordance with ISO procedures requiring at least 75 % approval by the member bodies voting.

International Standard ISO 8366 was prepared by Technical Committee ISO/TC 29, *Small tools*.

Users should note that all International Standards undergo revision from time to time and that any reference made herein to any other International Standard implies its latest edition, unless otherwise stated.

Coated abrasive products — Dimensional tolerances on non-standard conversions

1 Scope and field of application

This International Standard lays down the dimensional tolerances on non-standard discs, belts and other cross-sections for coated abrasive products.

The dimensional tolerances on standardized products are specified in ISO 1929, ISO 2235 and ISO 3017.

2 References

ISO 554, *Standard atmospheres for conditioning and/or testing — Specifications*.

ISO 1929, *Abrasive belts — Designation, dimensions and tolerances*.

ISO 2235, *Abrasive sheets — Designation, dimensions and tolerances*.

ISO 3017, *Abrasive discs — Designation, dimensions and tolerances — Selection of disc outside diameter/centre hole diameter combinations*.

3 Measurement conditions

Tolerances defined in this International Standard are valid only for products as supplied by the manufacturer, and measured under factory reference conditions in accordance with ISO 554.

Manufacturers shall specify these reference conditions.

Measurements shall be carried out on products stored for at least 24 h under the set conditions.

4 Dimensional tolerances on discs

4.1 Outside diameter

Tolerances on the outside diameter, D , are given in table 1.

Table 1

Dimensions and tolerances in millimetres

$D < 115$	$D > 115$
Tolerances	
± 2	± 3

4.2 Hole diameter

Tolerances on the hole diameter, d , are specified in ISO 3017.

5 Dimensional tolerances on belts

5.1 Width

Tolerances on the width, l , are given in table 2.

Table 2

Dimensions and tolerances in millimetres

$l < 50$	$50 < l < 1\,000$	$l > 1\,000$
Tolerances		
± 1	± 2	± 3