
**Machine tools — Test conditions
for external cylindrical centreless
grinding machines — Testing of the
accuracy**

*Machines-outils — Conditions d'essai des machines à rectifier les
surfaces extérieures sans centre — Contrôle de l'exactitude*

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Foreword

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This fourth edition cancels and replaces the third edition (ISO 3875:2004), which has been technically revised. The main changes compared to the previous edition are as follows:

- the machine sizes (thickness of grinding wheel) covered have been extended more than 300 mm from ISO 3875:2004 for test M1 since machine size in the industry increased;
- machine configurations have been classified into three types to cover major configurations in the markets;
- references to ISO 230-1 and ISO 230-2 have been revised;
- a new machine test for Z-directional grinding wheel slide (straightness and positioning) has been introduced.