
**Passenger car, truck and bus tyre
rolling resistance measurement
method — Single point test and
correlation of measurement results**

*Méthode de mesure de la résistance au roulement des pneumatiques
pour voitures particulières, camions et autobus — Essai à condition
de mesure unique et corrélation des résultats de mesure*

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ISO copyright office
CP 401 • Ch. de Blandonnet 8
CH-1214 Vernier, Geneva
Phone: +41 22 749 01 11
Fax: +41 22 749 09 47
Email: copyright@iso.org
Website: www.iso.org

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Foreword

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The procedures used to develop this document and those intended for its further maintenance are described in the ISO/IEC Directives, Part 1. In particular the different approval criteria needed for the different types of ISO documents should be noted. This document was drafted in accordance with the editorial rules of the ISO/IEC Directives, Part 2 (see www.iso.org/directives).

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This document was prepared by ISO/TC 31, *Tyres, rims and valves*.

Any feedback or questions on this document should be directed to the user's national standards body. A complete listing of these bodies can be found at www.iso.org/members.html.

This second edition cancels and replaces the first edition (ISO 28580:2009), which has been technically revised. The main changes compared to the previous edition are as follows:

- Incorporation of clarifications and additional detail, for example those identified in ISO/TR 16377;
- Expansion of the concept of reference machine to include two possible types, a physical reference or a virtual reference;
- Allowance for alignment to be carried out based on a set of two or more alignment tyres as defined by the authorizing body;
- Ability to reduce the warm-up duration of larger truck and bus tyres under certain conditions;
- Alignment improvement through the use of four measures of each alignment tyre, using only the last three measures for computations;
- Additional information concerning machine drift evaluation.

