
**Cylindrical gears — ISO system of
flank tolerance classification —**

**Part 2:
Definitions and allowable values
of double flank radial composite
deviations**

*Engrenages cylindriques — Système ISO de classification des
tolérances sur flancs —*

Partie 2: Définitions et valeurs admissibles des écarts composés radiaux

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Foreword

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This document was prepared by Technical Committee ISO/TC 60, *Gears*.

This second edition cancels and replaces the first edition (ISO 1328-2:1997), which has been technically revised. The main changes compared to the previous edition are as follows:

- the document title of this part has been revised to correspond to that of part 1 and better reflect the contents of this part;
- the scope of applicability has been expanded to include sector gears;
- revisions have been made to the formulae which define the double flank radial composite tolerances, and the range of classification numbers has been changed to clarify the independence of this classification system from that given in part 1;
- the change in tolerance value between consecutive tolerance classes has been reduced, so two steps in the new system results in the same change as one step of the old system, but approximately the same global range of tolerance values is maintained with additional steps;
- annexes have been added to describe complementary information and examples;
- evaluation of runout, previously handled in this document, has been moved to ISO 1328-1:2013;
- advice on appropriate inspection methods has been removed; the information can be found in ISO/TR 10064-2.

A list of all parts in the ISO 1328 series can be found on the ISO website.

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