



**International
Standard**

ISO 16809

**Non-destructive testing —
Ultrasonic thickness determination**

*Essais non destructifs — Détermination de l'épaisseur par
ultrasons*

**Third edition
2025-06**

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Foreword

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This document was prepared by Technical Committee ISO/TC 135, *Non-destructive testing*, Subcommittee SC 3, *Ultrasonic testing*, in collaboration with the European Committee for Standardization (CEN) Technical Committee CEN/TC 138, *Non-destructive testing*, in accordance with the Agreement on technical cooperation between ISO and CEN (Vienna Agreement).

This third edition cancels and replaces the second edition (ISO 16809:2017), which has been technically revised.

The main changes are as follows:

- terminology in the document has been modified, changing "measurement" to "determination";
- terminology has been aligned with ISO 16831;
- ultrasonic instruments with A-scan presentation that conform with ISO 22232-1 can be used to determine wall thicknesses;
- all figures have been improved.

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