
**Test conditions for numerically
controlled turning machines and turning
centres —**

**Part 8:
Evaluation of thermal distortions**

*Conditions d'essai des tours à commande numérique et des centres de
tournage —*

Partie 8: Évaluation des effets thermiques



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Foreword

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ISO 13041-8 was prepared by Technical Committee ISO/TC 39, *Machine tools*, Subcommittee SC 2, *Test conditions for metal cutting machine tools*.

ISO 13041 consists of the following parts, under the general title *Test conditions for numerically controlled turning machines and turning centres*:

- *Part 1: Geometric tests for machines with a horizontal workholding spindle*
- *Part 2: Geometric tests for machines with vertical workholding spindle*
- *Part 3: Geometric tests for machines with inverted vertical workholding spindle*
- *Part 4: Accuracy and repeatability of positioning of linear and rotary axes*
- *Part 5: Accuracy of feeds, speeds and interpolations*
- *Part 6: Accuracy of a finished test piece*
- *Part 7: Evaluation of contouring performance in the coordinate planes*
- *Part 8: Evaluation of thermal distortions*