
**Test conditions for machining
centres —**

**Part 10:
Evaluation of thermal distortions**

Conditions d'essai des centres d'usinage —

Partie 10: Évaluation des déformations thermiques





COPYRIGHT PROTECTED DOCUMENT

© ISO 2022

All rights reserved. Unless otherwise specified, or required in the context of its implementation, no part of this publication may be reproduced or utilized otherwise in any form or by any means, electronic or mechanical, including photocopying, or posting on the internet or an intranet, without prior written permission. Permission can be requested from either ISO at the address below or ISO's member body in the country of the requester.

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

Published in Switzerland

Contents

	Page
Foreword.....	iv
Introduction.....	v
1 Scope.....	1
2 Normative references.....	1
3 Terms and definitions.....	1
4 Preliminary remarks.....	1
4.1 Measuring units.....	1
4.2 Reference to ISO 230-3.....	2
4.3 Measuring instruments.....	2
4.4 Testing sequence.....	2
4.5 Tests to be performed.....	2
4.6 Diagrams.....	2
4.7 Tolerances.....	2
4.8 Software compensation.....	2
5 Thermal tests.....	3
Annex A (informative) Machining tests to evaluate thermal distortions.....	14
Bibliography.....	44