

Metallic materials — Calibration of force-proving instruments used for the verification of uniaxial testing machines

The European Standard EN ISO 376:2004 has the status of a
British Standard

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National foreword

This British Standard is the official English language version of EN ISO 376:2004. It is identical with ISO 376:2004. It supersedes BS EN ISO 376:2002 which is withdrawn.

The UK participation in its preparation was entrusted by Technical Committee ISE/NFE/4, Mechanical testing of materials, to Subcommittee ISE/NFE/4/1, Uniaxial testing of metals, which has the responsibility to:

- aid enquirers to understand the text;
- present to the responsible international/European committee any enquiries on the interpretation, or proposals for change, and keep the UK interests informed;
- monitor related international and European developments and promulgate them in the UK.

A list of organizations represented on this subcommittee can be obtained on request to its secretary.

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Summary of pages

This document comprises a front cover, an inside front cover, the EN ISO title page, the EN ISO foreword page, the ISO title page, pages ii to v, a blank page, pages 2 to 20, an inside back cover and a back cover.

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English version

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Matériaux métalliques - Etalonnage des instruments de mesure de force utilisés pour la vérification des machines d'essais uniaxiaux (ISO 376:2004)

This European Standard was approved by CEN on 20 October 2004.

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EUROPÄISCHES KOMITEE FÜR NORMUNG

Management Centre: rue de Stassart, 36 B-1050 Brussels

Foreword

This document (EN ISO 376:2004) has been prepared by Technical Committee ISO/TC 164 "Mechanical testing of metals" in collaboration with Technical Committee ECISS/TC 1 "Steel - Mechanical testing", the secretariat of which is held by AFNOR.

This European Standard shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by May 2005, and conflicting national standards shall be withdrawn at the latest by May 2005.

This document supersedes EN ISO 376 :2002.

According to the CEN/CENELEC Internal Regulations, the national standards organizations of the following countries are bound to implement this European Standard: Austria, Belgium, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Slovakia, Slovenia, Spain, Sweden, Switzerland and United Kingdom.

Endorsement notice

The text of ISO 376:2004 has been approved by CEN as EN ISO 376:2004 without any modifications.

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*Matériaux métalliques — Étalonnage des instruments de mesure de
force utilisés pour la vérification des machines d'essais uniaxiaux*



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AVA **Documents**
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Contents

Page

Foreword	iv
Introduction	v
1 Scope	1
2 Normative references	1
3 Terms and definitions	1
4 Symbols and their designations	1
5 Principle	2
6 Characteristics of force-proving instruments	3
6.1 Identification of the force-proving instrument	3
6.2 Application of force	3
6.3 Measurement of deflection	3
7 Calibration of the force-proving instrument	3
7.1 General	3
7.2 Resolution of the indicator	4
7.3 Minimum force	4
7.4 Calibration procedure	5
7.5 Assessment of the force-proving instrument	6
8 Classification of the force-proving instrument	7
8.1 Principle of classification	7
8.2 Classification criteria	8
8.3 Calibration certificate and duration of validity	8
9 Use of calibrated force-proving instruments	9
Annex A (informative) Example of dimensions of force transducers and corresponding loading fittings	10
Annex B (informative) Additional information	17
Bibliography	20

Foreword

ISO (the International Organization for Standardization) is a worldwide federation of national standards bodies (ISO member bodies). The work of preparing International Standards is normally carried out through ISO technical committees. Each member body interested in a subject for which a technical committee has been established has the right to be represented on that committee. International organizations, governmental and non-governmental, in liaison with ISO, also take part in the work. ISO collaborates closely with the International Electrotechnical Commission (IEC) on all matters of electrotechnical standardization.

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ISO 376 was prepared by Technical Committee ISO/TC 164, *Mechanical testing of metals*, Subcommittee SC 1, *Uniaxial testing*.

This third edition cancels and replaces the second edition (ISO 376:1999), which has been technically revised.

Introduction

No information is currently provided in this International Standard for determining the uncertainty of a force-proving device or its indicator. An ISO/TC 164/SC 1 working group is currently developing procedures for determining the measurement uncertainty of force-proving devices. Until such information is provided in this International Standard, procedures for determining the measurement uncertainty of force-proving devices can be found in the two first documents listed in the Bibliography.

