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IRISH STANDARD

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**METALLIC MATERIALS - TENSILE TESTING -
PART 1: METHOD OF TEST AT AMBIENT
TEMPERATURE**

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EUROPEAN STANDARD

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English version

Metallic materials - Tensile testing - Part 1: Method of test at ambient temperature

Matériaux métalliques - Essai de traction - Partie 1:
Méthode d'essai à température ambiante

Metallische Werkstoffe - Zugversuch - Teil 1: Prüfverfahren
bei Raumtemperatur

This European Standard was approved by CEN on 12 May 2001.

CEN members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this European Standard the status of a national standard without any alteration. Up-to-date lists and bibliographical references concerning such national standards may be obtained on application to the Management Centre or to any CEN member.

This European Standard exists in three official versions (English, French, German). A version in any other language made by translation under the responsibility of a CEN member into its own language and notified to the Management Centre has the same status as the official versions.

CEN members are the national standards bodies of Austria, Belgium, Czech Republic, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and United Kingdom.



EUROPEAN COMMITTEE FOR STANDARDIZATION
COMITÉ EUROPÉEN DE NORMALISATION
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Foreword

This European Standard has been prepared by 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of an identical text or by endorsement, at the latest by January 2002, and conflicting national standards shall be withdrawn at the latest by January 2002.

This European Standard supersedes EN 10002-1:1990.

The European Standard EN 10002-1 "Metallic materials - Tensile testing - Part 1: Method of test (at ambient temperature)" was approved by CEN on 27 November 1989.

After a first 5 years lifetime, ECISS decided to revise this standard.

The revised prEN 10002-1 was discussed during two meetings of ECISS/TC1/SC1 with the participation of 4 CEN member countries (Belgium, France, Germany, United Kingdom).

EN 10002 was composed of five parts :

Part 1 : Method of test (at ambient temperature)

Part 2 : Verification of the force measuring system of the tensile testing machines

Part 3 : Calibration of force proving instruments used for the verification of uniaxial testing machines

Part 4 : Verification of extensometers used in uniaxial testing

Part 5 : Method of testing at elevated temperature

NOTE Part 2 has been already replaced by EN ISO 7500-1. Parts 3 and 4 will be replaced by corresponding ISO standards.

The annexes B, C, D and E are normative. The annexes A, F, G, H and J are informative.

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

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