



National Standards Authority of Ireland

IRISH STANDARD

**I.S. EN ISO 14577-1:2002**

ICS 77.040.10

**METALLIC MATERIALS - INSTRUMENTED  
INDENTATION TEST FOR HARDNESS AND  
MATERIALS PARAMETERS - PART 1: TEST  
METHOD (ISO 14577-1:2002)**

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EUROPEAN STANDARD

**EN ISO 14577-1**

NORME EUROPÉENNE

EUROPÄISCHE NORM

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ICS 77.040.10

English version

**Metallic materials - Instrumented indentation test for hardness  
and materials parameters - Part 1: Test method (ISO 14577-  
1:2002)**

Matériaux métalliques - Essai de pénétration instrumenté  
pour la détermination de la dureté et de paramètres des  
matériaux - Partie 1: Méthode d'essai (ISO 14577-1:2002)

Metallische Werkstoffe - Instrumentierte Eindringprüfung  
zur Bestimmung der Härte und anderer Werkstoffparameter  
- Teil 1: Prüfverfahren (ISO 14577-1:2002)

This European Standard was approved by CEN on 9 September 2002.

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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.

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## EN ISO 14577-1:2002 (E)

### Foreword

This document (EN ISO 14577-1:2002) 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of an identical text or by endorsement, at the latest by April 2003, and conflicting national standards shall be withdrawn at the latest by April 2003.

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, Malta, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and the United Kingdom.

**NOTE FROM CMC** The foreword is susceptible to be amended on reception of the German language version. The confirmed or amended foreword, and when appropriate, the normative annex ZA for the references to international publications with their relevant European publications will be circulated with the German version.

### Endorsement notice

The text of ISO 14577-1:2002 has been approved by CEN as EN ISO 14577-1:2002 without any modifications.

# INTERNATIONAL STANDARD

# ISO 14577-1

First edition  
2002-10-01

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## **Metallic materials — Instrumented indentation test for hardness and materials parameters —**

### **Part 1: Test method**

*Matériaux métalliques — Essai de pénétration instrumenté pour la  
détermination de la dureté et de paramètres des matériaux —*

*Partie 1: Méthode d'essai*



Reference number  
ISO 14577-1:2002(E)

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