



National Standards Authority of Ireland

IRISH STANDARD

**I.S. EN ISO 4057:2007**

ICS 77.160  
77.040.10

**SINTERED FERROUS MATERIALS,  
CARBURIZED OR CARBONITRIDED -  
DETERMINATION AND VERIFICATION OF  
CASE-HARDENING DEPTH BY A MICRO-  
HARDNESS TEST (ISO 4507:2000)**

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EUROPEAN STANDARD  
NORME EUROPÉENNE  
EUROPÄISCHE NORM

**EN ISO 4507**

February 2007

ICS 77.160; 77.040.10

English Version

**Sintered ferrous materials, carburized or carbonitrided -  
Determination and verification of case-hardening depth by a  
micro-hardness test (ISO 4507:2000)**

Matériaux ferreux frittés, cimentés ou carbonitrurés -  
Détermination et vérification de la profondeur de  
cémentation, par mesurage de la microdureté (ISO  
4507:2000)

Sinter-Eisenwerkstoffe, ausgekohlt oder karbonitriert -  
Bestimmung und Prüfung der Einsatzhärtungstiefe durch  
Messung der Mikrohärte (ISO 4507:2000)

This European Standard was approved by CEN on 28 December 2006.

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 CEN Management Centre or to any CEN member.

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## **EN ISO 4507:2007 (E)**

### **Foreword**

The text of ISO 4507:2000 has been prepared by Technical Committee ISO/TC 119 "Powder metallurgy" of the International Organization for Standardization (ISO) and has been taken over as EN ISO 4507:2007 by Technical Committee CEN/SS M11 "Powder metallurgy", the secretariat of which is held by CMC.

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of an identical text or by endorsement, at the latest by August 2007, and conflicting national standards shall be withdrawn at the latest by August 2007.

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### **Endorsement notice**

The text of ISO 4507:2000 has been approved by CEN as EN ISO 4507:2007 without any modifications.

# INTERNATIONAL STANDARD

**ISO  
4507**

Second edition  
2000-03-01

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## **Sintered ferrous materials, carburized or carbonitrided — Determination and verification of case-hardening depth by a micro-hardness test**

*Matériaux ferreux frittés, cémentés ou carbonitrurés — Détermination et  
vérification de la profondeur de cémentation, par mesurage de la  
microdureté*



Reference number  
ISO 4507:2000(E)

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## ISO 4507:2000(E)

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