



National Standards Authority of Ireland

IRISH STANDARD

I.S. EN 24489 : 1994

ICS 77.040

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National Standards
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**SINTERED HARDMETALS – SAMPLING AND
TESTING (ISO 4489:1978)**

*This Irish Standard was
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and comes into effect on:
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Údarás um Chaighdeáin Náisiúnta na hÉireann



DECLARATION

OF

SPECIFICATION

ENTITLED

SINTERED HARDMETALS – SAMPLING AND TESTING

(ISO 4489:1978)

AS

THE IRISH STANDARD SPECIFICATION FOR

SINTERED HARDMETALS – SAMPLING AND TESTING

(ISO 4489:1978)

Forfás in exercise of the power conferred by section 20 (3) of the Industrial Research and Standards Act, 1961 (No. 20 of 1961) and the Industrial Development Act, 1993 (No. 19 of 1993), and with the consent of the Minister for Enterprise and Employment, hereby declares as follows:

1. This instrument may be cited as the Standard Specification (Sintered Hardmetals – Sampling and Testing (ISO 4489:1978)) Declaration, 1994.
2. (1) The Specification set forth in the Schedule to this declaration is hereby declared to be the standard specification for Sintered Hardmetals – Sampling and Testing (ISO 4489:1978). The Schedule comprises the text of EN 24489 : 1993.

(2) The said standard specification may be cited as Irish Standard/EN 24489:1994 or as I.S./EN 24489:1994.

EUROPEAN STANDARD

EN 24489:1993

NORME EUROPÉENNE

EUROPÄISCHE NORM

April 1993

UDC 621.762.5:669-492.2:620.1

Descriptors: Powder metallurgy, hard metals, sintered products, sampling, tests, standards lists

English version

**Sintered hardmetals - Sampling and testing
(ISO 4489:1978)**

Métaux-durs frittés - Echantillonnage et essais
(ISO 4489:1978)

Sinterhartmetalle - Probenahme und Prüfung
(ISO 4489:1978)

This European Standard was approved by CEN on 1993-04-02. 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 Central Secretariat or to any CEN member.

The European Standards exist 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 Central Secretariat has the same status as the official versions.

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

CEN

European Committee for Standardization
Comité Européen de Normalisation
Europäisches Komitee für Normung

Central Secretariat: rue de Stassart, 36 B-1050 Brussels

Foreword

In 1992 ISO 4489:1978 "Sintered hardmetals - Sampling and testing" was submitted to the CEN Primary Questionnaire procedure.

Following the positive result of the CEN/CS Proposal ISO 4489:1978 was submitted to the CEN Formal Vote. The result of the Formal Vote was positive.

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 October 1993, and conflicting national standards shall be withdrawn at the latest by October 1993.

According to the Internal Regulations of CEN/CENELEC, the following countries are bound to implement this European Standard :

Austria, Belgium, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and United Kingdom.

Endorsement notice

The text of the International Standard ISO 4489:1978 was approved by CEN as a European Standard without any modification.

NOTE: The European references to international publications are given in annex ZA (normative).

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