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Kõvasulamid. Vickersi kõvadusteim

Hardmetals - Vickers hardness test

EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

<p>Käesolev Eesti standard EVS-EN 23878:2000 sisaldab Euroopa standardi EN 23878:1993 ingliskeelset teksti.</p> <p>Käesolev dokument on jõustatud 11.01.2000 ja selle kohta on avaldatud teade Eesti standardiorganisatsiooni ametlikus väljaandes.</p> <p>Standard on kättesaadav Eesti standardiorganisatsioonist.</p>	<p>This Estonian standard EVS-EN 23878:2000 consists of the English text of the European standard EN 23878:1993.</p> <p>This document is endorsed on 11.01.2000 with the notification being published in the official publication of the Estonian national standardisation organisation.</p> <p>The standard is available from Estonian standardisation organisation.</p>
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EUROPEAN STANDARD

EN 23878:1993

NORME EUROPÉENNE

EUROPÄISCHE NORM

April 1993

UDC 669.018.25:620.178.152.341

Descriptors: Powder metallurgy, hard metals, mechanical tests, hardness tests, Vickers hardness

English version

**Hardmetals - Vickers hardness test
(ISO 3878:1983)**

Métaux-durs - Essai de dureté Vickers
(ISO 3878:1983)

Hartmetalle - Vickers-Härteprüfung
(ISO 3878:1983)

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.

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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 3878:1983 "Hardmetals - Vickers hardness test" was submitted to the CEN Primary Questionnaire procedure.

Following the positive result of the CEN/CS Proposal ISO 3878:1983 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 3878:1983 was approved by CEN as a European Standard without any modification.

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

Annex ZA (normative)
Normative references to international publications
with their relevant European publications

This European Standard incorporates by dated or undated reference, provisions from other publications. These normative references are cited at the appropriate places in the text and the publications are listed hereafter. For dated references, subsequent amendments to or revisions of any of these publications apply to this European Standard only when incorporated in it by amendment or revision. For undated references the latest edition of the publication referred to applies (including amendments).

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
ISO 146		Metallic materials - Hardness test - Verification of Vickers hardness testing machines HV 0,2 to HV 100	----	----
ISO 409-1		Metallic materials - Hardness test - Tables of Vickers hardness values for use in tests made on flat surfaces - Part 1: HV 5 to HV 100	----	----
ISO 409-2		Metallic materials - Hardness test - Tables of Vickers hardness values for use in tests made on flat surfaces - Part 2: HV 0,2 to less than HV 5	----	----
ISO 4505		Hardmetals - Metallographic determination of porosity and uncombined carbon	EN 24505	
ISO 6507-1		Metallic materials - Hardness test - Vickers test - Part 1: HV 5 to HV 100	----	----
ISO 6507-2		Metallic materials - Hardness test - Vickers test - Part 2: HV 0,2 to less than HV 5	----	----

International Standard



3878

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Hardmetals — Vickers hardness test

Métaux-durs — Essai de dureté Vickers

Second edition — 1983-08-15

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Foreword

ISO (the International Organization for Standardization) is a worldwide federation of national standards bodies (ISO member bodies). The work of developing International Standards is carried out through ISO technical committees. Every member body interested in a subject for which a technical committee has been authorized 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.

Draft International Standards adopted by the technical committees are circulated to the member bodies for approval before their acceptance as International Standards by the ISO Council.

International Standard ISO 3878 was developed by Technical Committee ISO/TC 119, *Powder metallurgy*, and was circulated to the member bodies in August 1982.

It has been approved by the member bodies of the following countries :

Austria	Italy	Sweden
China	Korea, Rep. of	Switzerland
Czechoslovakia	Poland	Thailand
Egypt, Arab Rep. of	Romania	United Kingdom
France	South Africa, Rep. of	USA
Germany, F.R.	Spain	USSR

No member body expressed disapproval of the document.

This second edition cancels and replaces the first edition (i.e. ISO 3878-1976).