

**Water-cooled secondary connection cables
for resistance welding - Part 2: Dimensions
and requirements for singleconductor
connection cables**

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resistance welding - Part 2: Dimensions and
requirements for singleconductor connection cables

EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

Käesolev Eesti standard EVS-EN ISO 8205-2:2003 sisaldab Euroopa standardi EN ISO 8205-2:2002 ingliskeelset teksti.

Käesolev dokument on jõustatud 18.02.2003 ja selle kohta on avaldatud teade Eesti standardiorganisatsiooni ametlikus väljaandes.

Standard on kättesaadav Eesti standardiorganisatsioonist.

This Estonian standard EVS-EN ISO 8205-2:2003 consists of the English text of the European standard EN ISO 8205-2:2002.

This document is endorsed on 18.02.2003 with the notification being published in the official publication of the Estonian national standardisation organisation.

The standard is available from Estonian standardisation organisation.

Käsitlusala:

This part of ISO 8205 specifies the dimensions of single-conductor connection cables used for resistance welding and allied processes. It stipulates the requirements regarding the electrical and cooling characteristics of these cables and their conditions of use

Scope:

This part of ISO 8205 specifies the dimensions of single-conductor connection cables used for resistance welding and allied processes. It stipulates the requirements regarding the electrical and cooling characteristics of these cables and their conditions of use

ICS 25.160.30

Võtmesõnad:

English version

**Water-cooled secondary connection cables for
resistance welding**

**Part 2: Dimensions and requirements for single-conductor connection cables
(ISO 8205-2 : 2002)**

Câbles secondaires refroidis par
eau pour le soudage par résistance –
Partie 2: Dimensions et exigences
pour câbles à un conducteur
(ISO 8205-2 : 2002)

Wassergekühlte Sekundäranschluss-
kabel für das Widerstandsschweißen –
Teil 2: Abmessungen und Anforderungen
für Einleiter-Anschlusskabel
(ISO 8205-2 : 2002)

This European Standard was approved by CEN on 2002-06-24.

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.

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 Management Centre has the same status as the official versions.

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

CEN

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

Management Centre: rue de Stassart 36, B-1050 Brussels

Foreword

International Standard

ISO 8205-2 : 2002 Water-cooled secondary connection cables for resistance welding – Part 2: Dimensions and requirements for single-conductor connection cables,

which was prepared by ISO/TC 44 'Welding and allied processes' of the International Organization for Standardization, has been adopted by Technical Committee CEN/TC 121 'Welding', the Secretariat of which is held by DS, as a European Standard.

This European Standard shall be given the status of a national standard, either by publication of an identical text or by endorsement, and conflicting national standards withdrawn, by February 2003 at the latest.

In accordance with the CEN/CENELEC Internal Regulations, the national standards organizations of the following countries are bound to implement this European Standard:

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

Endorsement notice

The text of the International Standard ISO 8205-2 : 2002 was approved by CEN as a European Standard without any modification.

NOTE: Normative references to international publications are listed in Annex ZA (normative).

1 Scope

This part of ISO 8205 specifies the dimensions of single-conductor connection cables used for resistance welding and allied processes. It stipulates the requirements regarding the electrical, mechanical and cooling characteristics of these cables and their conditions of use.

2 Normative reference

The following normative document contains provisions which, through reference in this text, constitute provisions of this part of ISO 8205. For dated references, subsequent amendments to, or revisions of, this publication do not apply. However, parties to agreements based on this part of ISO 8205 are encouraged to investigate the possibility of applying the most recent edition of the normative document indicated below. For undated references, the latest edition of the normative document referred to applies. Members of ISO and IEC maintain registers of currently valid International Standards.

ISO 8205-3:1993, *Water-cooled secondary connection cables for resistance welding — Part 3: Test requirements*

3 Term and definition

For the purposes of this part of ISO 8205, the following term and definition apply.

3.1

single-conductor connection cable

cable comprising one conductor providing an electrical link between the secondary terminals of a welding transformer and the welding set (manual or robotized guns)

4 Classification

Single-conductor water-cooled connection cables are classified into two types, C and D, according to the form of the end lugs (see 5.3).