Kontaktpunktkeevitus. Elektroodide üleminekupuksid, pistikkoonused 1:10. Osa 2: Elektroodikorpuste paralleelne kinnitus elektroodiotsadele jõu rakendamiseks

Resistance spot welding - Electrode adaptors, male taper 1:10 - Part 2: Parallel shank fixing for end-thrust electrodes

EESTI STANDARDI EESSÕNA **NATIONAL FOREWORD**

Käesolev Eesti standard EVS-EN ISO 5183-2:2002 sisaldab Euroopa standardi EN ISO 5183-2:2001 ingliskeelset teksti. Käesolev dokument on jõustatud 19.04.2002 ja selle kohta on avaldatud teade Eesti standardiorganisatsiooni ametlikus väljaandes. Standard on kättesaadav Eesti standardiorganisatsioonist.	This Estonian standard EVS-EN ISO 5183-2:2002 consists of the English text of the European standard EN ISO 5183-2:2001. This document is endorsed on 19.04.2002 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 EN ISO 5183 specifies the dimensions and tolerances of resistance spot welding electrode adaptors where the fixing element for the cap (see ISO 5821) is a male taper of 1:10 and a parallel shaft is used to fix the adaptor to the electrode holder in accordance with ISO 8430-3.	**Scope:** This part of EN ISO 5183 specifies the dimensions and tolerances of resistance spot welding electrode adaptors where the fixing element for the cap (see ISO 5821) is a male taper of 1:10 and a parallel shaft is used to fix the adaptor to the electrode holder in accordance with ISO 8430-3.

ICS 25.160.30

Võtmesõnad:

EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

EN ISO 5183-2

October 2001

ICS 25.160.30

Supersedes EN 25183-2 : 1991.

English version

Resistance spot welding – Electrode adaptors, male taper 1 : 10

Part 2: Parallel shank fixing for end-thrust electrodes
(ISO 5183-2 : 2000)

Equipement de soudage par résistance – Allonges d'électrode à embout amovible, cône mâle 1 : 10 – Partie 2: Emmanchement cylindrique pour poussée en bout
(ISO 5183-2 : 2000)

Widerstandspunktschweißen – Elektrodenschäfte mit Außenkegel 1 : 10 – Teil 2: Zylindrische Befestigung für gerade Beanspruchung
(ISO 5183-2 : 2000)

This European Standard was approved by CEN on 2001-10-04.

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, 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

Ref. No. EN ISO 5183-2 : 2001 E

Foreword

International Standard

ISO 5183-2 : 2000 Resistance spot welding – Electrode adaptors, male taper 1:10 – Part 2: Parallel shank fixing for end-thrust electrodes,

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 April 2002 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, the Netherlands, Norway, Portugal, Spain, Sweden, Switzerland, and the United Kingdom.

Endorsement notice

The text of the International Standard ISO 5183-2 : 2000 was approved by CEN as a European Standard without any modification.

1 Scope

This part of ISO 5183 specifies the dimensions and tolerances of resistance spot welding electrode adaptors where the fixing element for the cap (see ISO 5821) is a male taper of 1:10 and a parallel shaft is used to fix the adaptor to the electrode holder in accordance with ISO 8430-3.

2 Normative references

The following normative documents contain provisions which, through reference in this text, constitute provisions of this part of ISO 5183. For dated references, subsequent amendments to, or revisions of, any of these publications do not apply. However, parties to agreements based on this part of ISO 5183 are encouraged to investigate the possibility of applying the most recent editions of the normative documents 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 5182:1991, *Welding — Materials for resistance welding electrodes and ancillary equipment.*

ISO 5821:1979, *Resistance spot welding electrode caps.*

ISO 8430-3: 1988, *Resistance spot welding — Electrode holders — Part 3: Parallel shank fixing for end thrust.*

3 Dimensions

The dimensions shall be those given in Figure 1 and Table 1.

4 Designation

The designation of electrode adaptors which comply with this part of ISO 5183 shall include the following:

a) the description block (i.e. "spot welding electrode adaptor");

b) reference to this part of ISO 5183, i.e. ISO 5183-2;

c) the type of electrode adaptor, in accordance with Figure 1;

d) the diameter, d_1, in millimetres;

e) the length, l_1, in millimetres;

f) the material of which the electrode adaptor is made, in accordance with ISO 5182.