



SLOVENSKI STANDARD SIST EN ISO 5183-1:2001

01-maj-2001

Nadomešča:
SIST EN 25183-1:1998

**Oprema za elektroporovno varjenje - Držala elektrod z zunanjim konusom 1:10 -
1. del: Konična pritrditev, konus 1:10 (ISO 5183-1:1998)**

Resistance welding equipment - Electrode adaptors, male taper 1:10 - Part 1: Conical
fixing, taper 1:10 (ISO 5183-1:1998)

Widerstandsschweißrichtungen - Elektrodenschäfte mit Außenkegel 1:10 - Teil 1:
Kegelige Befestigung, Kegel 1:10 (ISO 5183-1:1998)

Equipement de soudage par résistance - Allonges d'électrode a embout amovible, cône
mâle 1:10 - Partie 1: Emmanchement conique 1:10 (ISO 5183-1:1998)

Ta slovenski standard je istoveten z: EN ISO 5183-1:2000

ICS:

25.160.30 Varilna oprema Welding equipment

SIST EN ISO 5183-1:2001 en

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EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

EN ISO 5183-1

April 2000

ICS 25.160.30

Supersedes EN 25183-1:1991

English version

Resistance welding equipment - Electrode adaptors, male taper
1:10 - Part 1: Conical fixing, taper 1:10 (ISO 5183-1:1998)

Équipement de soudage par résistance - Allonges
d'électrode à embout amovible, cône mâle 1:10 - Partie 1:
Emmanchement conique 1:10 (ISO 5183-1:1998)

Widerstandsschweißeinrichtungen - Elektrodenschäfte mit
Außenkegel 1:10 - Teil 1: Kegelige Befestigung, Kegel 1:10
(ISO 5183-1:1998)

This European Standard was approved by CEN on 10 March 2000.

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.

This European Standard exists 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, Czech Republic, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and United Kingdom.

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EUROPEAN COMMITTEE FOR STANDARDIZATION
COMITÉ EUROPÉEN DE NORMALISATION
EUROPÄISCHES KOMITEE FÜR NORMUNG

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

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Foreword

The text of the International Standard from Technical Committee ISO/TC 44 "Welding and allied processes" of the International Organization for Standardization (ISO) has been taken over as an European Standard by Technical Committee CEN/TC 121 "Welding", the secretariat of which is held by DS.

This European Standard replaces EN 25183-1:1991.

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 2000, and conflicting national standards shall be withdrawn at the latest by October 2000.

According to the CEN/CENELEC Internal Regulations, the national standards organizations of the following countries are bound to implement this European Standard: Austria, Belgium, Czech Republic, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and the United Kingdom.

Endorsement notice

The text of the International Standard ISO 5183-1:1998 has been approved by CEN as a European Standard without any modification.

NOTE: Normative references to International Standards are listed in annex ZA (normative).

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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.

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN</u>	<u>Year</u>
ISO 5821	1979	Resistance spot welding electrode caps	EN 25821	1991

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INTERNATIONAL STANDARD

ISO
5183-1

Second edition
1998-09-01

Resistance welding equipment — Electrode adaptors, male taper 1:10 —

Part 1: Conical fixing, taper 1:10

*Équipement de soudage par résistance — Allonges d'électrode à embout
amovible, cône mâle 1:10 —*

Partie 1: Emmanchement conique 1:10

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Reference number
ISO 5183-1:1998(E)

ISO 5183-1:1998(E)**Foreword**

ISO (the International Organization for Standardization) is a worldwide federation of national standards bodies (ISO member bodies). The work of preparing International Standards is normally carried out through ISO technical committees. Each member body interested in a subject for which a technical committee has been established 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. ISO collaborates closely with the International Electrotechnical Commission (IEC) on all matters of electrotechnical standardization.

Draft International Standards adopted by the technical committees are circulated to the member bodies for voting. Publication as an International Standard requires approval by at least 75 % of the member bodies casting a vote.

Publication as an International Standard requires approval by at least 75 % of the national bodies casting a vote.

International Standard ISO 5183-1 was prepared by Technical Committee ISO/TC 44, *Welding and allied processes*, Subcommittee SC 6, *Resistance welding*.

ISO 5183 consists of the following parts, under the general title *Resistance welding equipment — Electrode adaptors, male taper 1:10*:

— Part 1: *Conical fixing, taper 1:10*

— Part 2: *Parallel shank fixing for end-thrust electrodes*

This second edition is a revision of the first edition (ISO 5183-1:1988), which has been technically revised.

Annexes A and B of this part of ISO 5183 are for information only.

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Introduction

This part of ISO 5183 is an updated edition of ISO 5183-1:1988 and is largely based on the former version.

It is extended to adaptors with longer taper fits (type C) conforming to ISO 1089:1980, type B.

These electrode adaptors are designed to be used when electrodes are mounted at an angle.

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