



**SLOVENSKI STANDARD**  
**kSIST FprEN ISO 9453:2014**  
**01-april-2014**

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**Mehke spajke - Kemijska sestava in oblike (ISO/FDIS 9453:2014)**

Soft solder alloys - Chemical compositions and forms (ISO/FDIS 9453:2014)

Weichlote - Chemische Zusammensetzung und Lieferformen (ISO/FDIS 9453:2014)

Alliages de brasage tendre - Compositions chimiques et formes (ISO/FDIS 9453:2014)

**Ta slovenski standard je istoveten z: prEN ISO 9453**

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**ICS:**

25.160.50      Trdo in mehko lotanje      Brazing and soldering

**kSIST FprEN ISO 9453:2014**                      **en,de**



FINAL  
DRAFT

INTERNATIONAL  
STANDARD

ISO/FDIS  
9453

ISO/TC 44/SC 12

Secretariat: DIN

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**2014-03-06**

Voting terminates on:  
**2014-05-06**

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## Soft solder alloys — Chemical compositions and forms

*Alliages de brasage tendre — Compositions chimiques et formes*

Please see the administrative notes on page iii

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Reference number  
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## ISO/CEN PARALLEL PROCESSING

This final draft has been developed within the International Organization for Standardization (ISO), and processed under the **ISO-lead** mode of collaboration as defined in the Vienna Agreement. The final draft was established on the basis of comments received during a parallel enquiry on the draft.

This final draft is hereby submitted to the ISO member bodies and to the CEN member bodies for a parallel two-month approval vote in ISO and formal vote in CEN.

**Positive votes shall not be accompanied by comments.**

**Negative votes shall be accompanied by the relevant technical reasons.**

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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 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.

The procedures used to develop this document and those intended for its further maintenance are described in the ISO/IEC Directives, Part 1. In particular the different approval criteria needed for the different types of ISO documents should be noted. This document was drafted in accordance with the editorial rules of the ISO/IEC Directives, Part 2. [www.iso.org/directives](http://www.iso.org/directives)

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. ISO shall not be held responsible for identifying any or all such patent rights. Details of any patent rights identified during the development of the document will be in the Introduction and/or on the ISO list of patent declarations received. [www.iso.org/patents](http://www.iso.org/patents)

Any trade name used in this document is information given for the convenience of users and does not constitute an endorsement.

For an explanation on the meaning of ISO specific terms and expressions related to conformity assessment, as well as information about ISO's adherence to the WTO principles in the Technical Barriers to Trade (TBT), see the following URL: Foreword - Supplementary information

The committee responsible for this document is ISO/TC 44, *Welding*, Subcommittee SC 12, *Soldering materials*.

This third edition cancels and replaces the second edition (ISO 9453:2006), which has been technically revised.

Request for an official interpretation of technical aspects of this International Standard should be directed to the relevant secretariat of ISO/TC 44/SC 12 "Soldering materials" via the user's national standardization body; a listing of these bodies can be found at: <http://www.iso.org>.

**ISO/FDIS 9453:2014(E)****Introduction**

The International Organization for Standardization (ISO) draws attention to the fact that it is claimed that compliance with this document may involve the use of patents concerning soft solder alloy compositions given in [Table 3](#).

ISO takes no position concerning the evidence, validity and scope of this patent right.

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