

**Welding consumables - Solid wires and rods for fusion welding of copper and copper alloys - Classification**

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## EESTI STANDARDI EESSÕNA

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<p>Käesolev Eesti standard EVS-EN ISO 24373:2009 sisaldab Euroopa standardi EN ISO 24373:2009 ingliskeelset teksti.</p> <p>Standard on kinnitatud Eesti Standardikeskuse 29.05.2009 käskkirjaga ja jõustub sellekohase teate avaldamisel EVS Teatajas.</p> <p>Euroopa standardimisorganisatsioonide poolt rahvuslikele liikmetele Euroopa standardi teksti kättesaadavaks tegemise kuupäev on 22.04.2009.</p> <p>Standard on kättesaadav Eesti standardiorganisatsioonist.</p>	<p>This Estonian standard EVS-EN ISO 24373:2009 consists of the English text of the European standard EN ISO 24373:2009.</p> <p>This standard is ratified with the order of Estonian Centre for Standardisation dated 29.05.2009 and is endorsed with the notification published in the official bulletin of the Estonian national standardisation organisation.</p> <p>Date of Availability of the European standard text 22.04.2009.</p> <p>The standard is available from Estonian standardisation organisation.</p>
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English Version

**Welding consumables - Solid wires and rods for fusion welding  
of copper and copper alloys - Classification (ISO 24373:2008)**

Produits consommables pour le soudage - Fils pleins et baguettes pleines pour le soudage par fusion du cuivre et des alliages de cuivre - Classification (ISO 24373:2008)

Schweißzusätze - Massivdrähte und -stäbe zum Schmelzschiessen von Kupfer und Kupferlegierungen - Einteilung (ISO 24373:2008)

This European Standard was approved by CEN on 10 April 2009.

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## Foreword

The text of ISO 24373:2008 has been prepared by Technical Committee ISO/TC 44 "Welding and allied processes" of the International Organization for Standardization (ISO) and has been taken over as EN ISO 24373:2009 by Technical Committee CEN/TC 121 "Welding" the secretariat of which is held by DIN.

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of an identical text or by endorsement, at the latest by October 2009, and conflicting national standards shall be withdrawn at the latest by October 2009.

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### Endorsement notice

The text of ISO 24373:2008 has been approved by CEN as a EN ISO 24373:2009 without any modification.

## Introduction

For copper-welding consumables, there is no unique relationship between the product form (solid wire or rod) and the welding process used (e.g. gas-shielded metal arc welding, gas tungsten arc welding, plasma arc or other welding processes). For this reason, the solid wires or rods may be classified on the basis of any of the above product forms and can be used, as appropriate, for more than one of the above processes.

ISO 24373 is based on EN 14640:2005.

# **Welding consumables — Solid wires and rods for fusion welding of copper and copper alloys — Classification**

## **1 Scope**

This International Standard specifies requirements for classification of solid wires and rods for fusion welding of copper and copper alloys. The classification of the solid wires and rods is based on their chemical composition.

## **2 Normative references**

The following referenced documents are indispensable for the application of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

ISO 31-0:1992, *Quantities and units — Part 0: General principles*

ISO 544, *Welding consumables — Technical delivery conditions for welding filler materials — Type of product, dimensions, tolerances and markings*

ISO 4063, *Welding and allied processes — Nomenclature of processes and reference numbers*

ISO 14344, *Welding and allied processes — Flux and gas shielded electrical welding processes — Procurement guidelines for consumables*