

English Version

**Welding - Grouping systems for materials - European materials
(ISO 20172:2009)**

Soudage - Systèmes de groupement des matériaux -
Matériaux européens (ISO 20172:2009)

Schweißen - Werkstoffgruppeneinteilung - Europäische
Werkstoffe (ISO 20172:2009)

This Technical Report was approved by CEN on 30 May 2009. It has been drawn up by the Technical Committee CEN/TC 121.

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EUROPEAN COMMITTEE FOR STANDARDIZATION
COMITÉ EUROPÉEN DE NORMALISATION
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Management Centre: Avenue Marnix 17, B-1000 Brussels

Foreword

This document (CEN ISO/TR 20172:2009) has been prepared by Technical Committee CEN/TC 121 "Welding", the secretariat of which is held by DIN, in collaboration with Technical Committee ISO/TC 44 "Welding and allied processes".

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This document supersedes CEN ISO/TR 20172:2006.

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Introduction

This Technical Report reflects the situation in November 2007. Changes in European material standards will be taken into account in the next revision of this Technical Report.

Lists of former designations can be found in the relevant European materials standards.

For the materials not listed in this Technical Report, ISO/TR 20173:2005 and ISO/TR 20174:2005 are applicable.

Welding — Grouping systems for materials — European materials

1 Scope

This Technical Report establishes a European grouping system for materials for welding purposes, classified in accordance with the grouping system of ISO/TR 15608.

It is also applicable for other purposes such as heat treatment, forming and non-destructive testing.

This Technical Report covers grouping systems for the following standardized materials:

- a) steel;
- b) aluminium and its alloys;
- c) copper and its alloys;
- d) cast irons.

In case of dispute, for example where variations in properties such as thickness and yield strength occur, ISO/TR 15608 applies.