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Metallic materials — Knoop hardness test —

Part 1:

Test method

Matériaux métalliques — Essai de dureté Knoop —

Partie 1: Méthode d'essai



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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.

International Standards are drafted in accordance with the rules given in the ISO/IEC Directives, Part 2.

The main task of technical committees is to prepare International Standards. 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.

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ISO 4545-1 was prepared by Technical Committee ISO/TC 164, *Mechanical testing of metals*, Subcommittee SC 3, *Hardness testing*.

ISO 4545-1 cancels and replaces ISO 4545:1993, which has been technically revised.

ISO 4545 consists of the following parts, under the general title Metallic materials — Knoop hardness test:

- Part 1: Test method
- Part 2: Verification and calibration of testing machines
- Part 3: Calibration of reference blocks
- Part 4: Table of hardness values

Introduction

The periodic checking of the testing machine described in informative Annex A is good metrological practice. It is intended to make this annex normative in the next revision of this part of ISO 4545.