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Second edition  
2011-11-15

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## Mechanical pencils —

Part 1:

### Classification, dimensions, performance requirements and testing

*Porte-mine — Partie 1: Classification, dimensions, caractéristiques de fonctionnement et essais*



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## Foreword

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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.

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.

ISO 9177-1 was prepared by Technical Committee ISO/TC 10, *Technical product documentation*.

This second edition cancels and replaces the first edition (ISO 9177-1:1989), of which it constitutes a minor revision.

ISO 9177 consists of the following parts, under the general title *Mechanical pencils*:

- *Part 1: Classification, dimensions, performance requirements and testing*
- *Part 2: Black leads — Classification and dimensions*
- *Part 3: Black leads — Bending strengths of HB leads*