

# INTERNATIONAL STANDARD

**ISO**  
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## **Roller ball pens and refills — Part 1: General use**

*Stylos rollers et recharges —  
Partie 1: Utilisation générale*



Reference number  
ISO 14145-1:1998(E)

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## Foreword

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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.

International Standard ISO 14145-1 was prepared by Technical Committee ISO/TC 10, *Technical drawings, product definition and related documentation*, Subcommittee SC 9, *Media and equipment for drawing and related documentation*.

ISO 14145 consists of the following parts, under the general title *Roller ball pens and refills*:

- *Part 1: General use*
- *Part 2: Documentary use (DOC)*

Annex A of this part of ISO 14145 is for information only.

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## Introduction

This part of ISO 14145 is applicable to roller ball pens for general use. Part 2 of ISO 14145 is applicable to roller ball pens for documentary use.

For documentary use, some requirements, in addition to those for general use, are necessary

- a) to assure the legibility of lettering, and
- b) for the handling and storage of documents during long periods of time (these requirements are often discussed with the archivist).

An example of documentary use is the preparation of documents that are required as evidence.

Furthermore, pens which meet the requirements for documentary use produce lines which are more resistant to modification (e.g. attempts to falsify a document) than those for general use.