## INTERNATIONAL STANDARD



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# Technical drawings — Simplified representation and dimensioning of holes

Dessins techniques — Représentation et cotation simplifiées des trous



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### Foreword

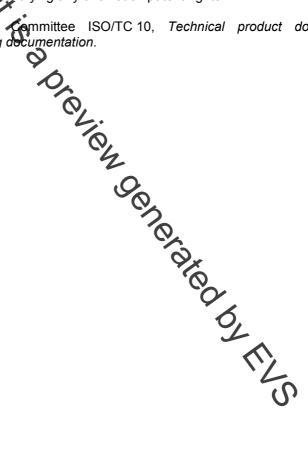
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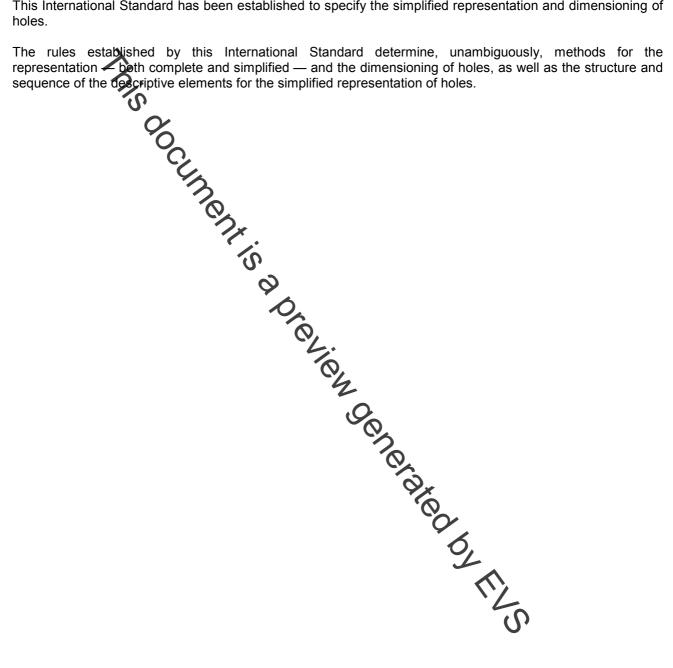
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#### Introduction

This International Standard has been established to specify the simplified representation and dimensioning of holes.



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## Technical drawings — Simplified representation and dimensioning of holes

## 1 Scope

This International Standard specifies rules for the simplified representation, dimensioning and tolerancing of holes, counterbores, internal threads and chamfers on drawings.

Where there could be misipterpretation using simplified representation, the complete representation and dimensioning by cuts, sections or elements on a larger scale apply, according to ISO 128-30, ISO 128-34, ISO 128-40, ISO 128-44, ISO 129-50, ISO 129-1 and ISO 406.

#### 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 128-22, Technical drawings — General proviples of presentation — Part 22: Basic conventions and applications for leader lines and reference lines

ISO 128-30, Technical drawings — General principles of presentation — Part 30: Basic conventions for views

ISO 128-34, Technical drawings — General principles presentation — Part 34: Views on mechanical engineering drawings

ISO 128-40, Technical drawings — General principles of presentation — Part 40: Basic conventions for cuts and sections

ISO 128-44, Technical drawings — General principles of presentation — Part 44: Sections on mechanical engineering drawings

ISO 128-50, Technical drawings — General principles of presentation Part 50: Basic conventions for representing areas on cuts and sections

ISO 129-1, Technical drawings — Indication of dimensions and tolerances — Part General principles

ISO 406, Technical drawings — Tolerancing of linear and angular dimensions

ISO 1101, Geometrical Product Specifications (GPS) — Geometrical tolerancing — Tolerances of form, orientation, location and run-out

ISO 1302, Geometrical Product Specifications (GPS) — Indication of surface texture in technical product documentation

ISO 5458, Geometrical Product Specifications (GPS) — Geometrical tolerancing — Positional tolerancing

ISO 6410-3:1993, Technical drawings — Screw threads and threaded parts — Part 3: Simplified representation