

# INTERNATIONAL STANDARD

**ISO**  
**8051**

Second edition  
1999-03-01

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## **Long shank taps with nominal diameters from M3 to M10 — Full-diameter shank taps with recess**

*Tarauds à machine, à queue longue, de diamètre nominal M3 à M10 —  
Tarauds à queue pleine, à gorge*



Reference number  
ISO 8051:1999(E)

## 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 3.

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 8051 was prepared by Technical Committee ISO/TC 29, *Small tools*, Subcommittee SC 4, *Screwing taps and dies*.

This second edition cancels and replaces the first edition (ISO 8051:1989) which has been technically revised.

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# Long shank taps with nominal diameters from M3 to M10 — Full-diameter shank taps with recess

## 1 Scope

This International Standard specifies the dimensions for full-diameter shank taps with recess with nominal diameters from M3 to M10 and thus complements ISO 2283 which concerns relieved shank taps.

It applies to long shank machine taps.

Technical specifications for taps covered by this International Standard (including marking) are given in ISO 8830.

## 2 Normative references

The following normative documents contain provisions which, through reference in this text, constitute provisions of this International Standard. For dated references, subsequent amendments to, or revisions of, any of these publications do not apply. However, parties to agreements based on this International Standard are encouraged to investigate the possibility of applying the most recent editions of the normative documents indicated below. For undated references, the latest edition of the normative document referred to applies. Members of ISO and IEC maintain registers of currently valid International Standards.

ISO 529:1993, *Short machine taps and hand taps*.

ISO 8830:1991, *High-speed steel machine taps with ground threads — Technical specifications*.