

# INTERNATIONAL STANDARD

# ISO 1641-1

Second edition  
2003-06-01

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## End mills and slot drills —

### Part 1: Milling cutters with cylindrical shanks

*Fraises cylindriques 2 tailles et fraises à rainurer —*

*Partie 1: Fraises à queue cylindrique*



Reference number  
ISO 1641-1:2003(E)

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## Foreword

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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 1641-1 was prepared by Technical Committee ISO/TC 29, *Small tools*, Subcommittee SC 2, *Drills, reamers, milling cutters and milling machine accessories*.

This second edition cancels and replaces the first edition (ISO 1641-1:1978), which has been technically revised, in particular by the inclusion of threaded shanks.

ISO 1641 consists of the following parts, under the general title *End mills and slot drills*:

- *Part 1: Milling cutters with cylindrical shanks*
- *Part 2: Milling cutters with Morse taper shanks*
- *Part 3: Milling cutters with 7/24 taper shanks*