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**Tool holders with cylindrical shank —**

**Part 1:**

Cylindrical shank, location bore — Technical  
delivery conditions

*Porte-outil à queue cylindrique —*

*Partie 1: Queue cylindrique, alésage de réception — Conditions techniques  
de livraison*



## 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 10889-1 was prepared by Technical Committee ISO/TC 29, *Small tools*.

ISO 10889 consists of the following parts, under the general title *Tool holders with cylindrical shank*:

- *Part 1: Cylindrical shank, location bore — Technical delivery conditions*
- *Part 2: Type A, shanks for tool holders of special designs*
- *Part 3: Type B with rectangular radial seat*
- *Part 4: Type C with rectangular axial seat*
- *Part 5: Type D with more than one rectangular seat*
- *Part 6: Type E with cylindrical seat*
- *Part 7: Type F with taper seat*
- *Part 8: Type Z, accessories*

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## Tool holders with cylindrical shank —

### Part 1:

### Cylindrical shank, location bore — Technical delivery conditions

#### 1 Scope

ISO 10889 applies to tool holders with cylindrical shank for machine tools with non-rotating tools, preferably for turning machines.

This part of ISO 10889 specifies the interchangeability dimensions of the cylindrical shank and location bore, and the dimensions related to data medium. It also specifies the technical delivery conditions of the tool holders.

#### 2 Normative references

The following standards contain provisions which, through reference in this text, constitute provisions of this part of ISO 10889. At the time of publication, the editions indicated were valid. All standards are subject to revision, and parties to agreements based on this part of ISO 10889 are encouraged to investigate the possibility of applying the most recent editions of the standards indicated below. Members of IEC and ISO maintain registers of currently valid International Standards.

ISO 1629:1995, *Rubber and latices — Nomenclature*.

ISO 2768-1:1989, *General tolerances — Part 1: Tolerances for linear and angular dimensions without individual tolerance indications*.

#### 3 Cylindrical shank

##### 3.1 Dimensions

The dimensions of cylindrical shank are shown in figure 1 and given in table 1; the geometrical tolerances are shown in figure 2.

Unspecified details shall be chosen appropriately.

General tolerances: ISO 2768-1 - m