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**Tool holders with cylindrical shank —**

**Part 8:**  
Type Z, accessories

*Porte-outil à queue cylindrique —*

*Partie 8: Accessoires, type Z*



*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 8:

### Type Z, accessories

#### 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 dimensions, materials, designations and technical delivery conditions for accessories type Z, i.e. clamping rings, sealing plugs and ball-type noggles, for tool holders with cylindrical shank in accordance with ISO 10889-2 to ISO 10889-7. For non-standardized accessories such as accessories as shown in the drawings, it is recommended to apply the corresponding specifications of this part of ISO 10889.

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

ISO 10889-1:1997, *Tool holders with cylindrical shank — Part 1: Cylindrical shank, location bore — Technical delivery conditions.*

ISO 10889-2:1997, *Tool holders with cylindrical shank — Part 2: Type A, shanks for tool holders of special designs.*

ISO 10889-3:1997, *Tool holders with cylindrical shank — Part 3: Type B with rectangular radial seat.*

ISO 10889-4:1997, *Tool holders with cylindrical shank — Part 4: Type C with rectangular axial seat.*

ISO 10889-5:1997, *Tool holders with cylindrical shank — Part 5: Type D with more than one rectangular seat.*

ISO 10889-6:1997, *Tool holders with cylindrical shank — Part 6: Type E with cylindrical seat.*

ISO 10889-7:1997, *Tool holders with cylindrical shank — Part 7: Type F with taper seat.*