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**NATIONAL STANDARD OF THE  
PEOPLE'S REPUBLIC OF CHINA**

**GB/T 145-2001**

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**Center holes  
(English Translation)**

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### Foreword

In this Standard, Type A center holes are equivalent to the type and size of the Type A center holes in the Appendix of the international standard ISO

#### **866.1975 Centre drills for centre holes without protecting chamfers - Type A;**

Type B center holes are equivalent to the type and size of the Type B center holes in the Appendix of the international standard ISO 2540.1973 Centre drills for centre holes with protecting chamfer - Type B; and Type R center holes are equivalent to the type and size of the Type R center holes in the Appendix of the international standard ISO 2541.1972 Centre drills for centre holes with radius form - Type R. In this Standard, Type C center holes are equivalent to the German standard DIN 332/2-1970 Center holes 60° with thread for shaft ends for rotating electrical machines. This Standard is a revision of GB/T 145-1985.

This Standard adds "Foreword", "Chapter 1 Scope", and "D2 size of Type C center holes" on the basis of the original standard. The article numbers and contents in each chapter have changed slightly.

This Standard replaces GB/T 145-1985 from the date of implementation.

This Standard was proposed by the China Machinery Industry Federation.

This Standard shall be under the jurisdiction of the National Technical Committee for Standardization of Tools.

Main drafting organization of this Standard. Chengdu Tool Research Institute.

Main drafter of this Standard. Xia Qian.

This Standard was first published in June 1959 and first revised in June 1985.

Center holes

## **1 Scope**

This Standard specifies the types and sizes of the Type A, Type B, Type C, and Type R center holes.

This Standard applies to the Type A, Type B, Type C, and Type R center holes.

**2.1 The type of the Type A center hole is shown in Figure 1, and the sizes are given in Table 1.**

**2.2 The type of the Type B center hole is shown in Figure 2, and the sizes are given in Table 2.**

**2.4 The type of the Type R center hole is shown in Figure 4, and the sizes are given in Table 4.**

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