

<<机械零件设计>>

图书基本信息

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内容概要

Design of Machine Elements is particularly written for bilingual machine design course to Chinese students with a balanced consideration of the basic requirements of the course and the students' English proficiency. Hopefully the students can learn not only the skills of machine design but also the usage of English, thus strengthening their ability of solving practical mechanical engineering problems and meeting the challenge of globalization. There are thirteen chapters in this book. The first three chapters discuss the general concerns of machine design, fundamentals of strength design, and introduction of tribology, respectively. The following chapters deal with the design of various specific machine elements, namely, shafting, sliding bearings, rolling-element bearings, posset screws, threaded joints, springs, gears, worm gears, brakes and clutches, and belt drives. This book can be used as a textbook for teachers and students in mechanical engineering specialty or as a reference for the advanced-level students and the practicing engineers as well.

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