

Design For Involute Splines

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GB, GB/T, GBT - Product Catalog. Translated English of Chinese Standard (All national standards GB, GB/T, GBT, GBZ) -

<https://www.chinesestandard.net> 2018-01-01
This document provides the comprehensive list of Chinese National Standards - Category: GB; GB/T, GBT.

Cold Rolling Precision Forming of Shaft Parts - Jianli Song 2017-06-14

This book presents in detail the theory, processes and equipment involved in cold rolling precision forming technologies, focusing on spline and thread shaft parts. The main topics discussed include the status quo of research on these technologies; the design and calculation of process parameters; the numerical simulation of cold rolling forming processes; and the equipment used. The mechanism of cold rolling forming is extremely complex, and research on the processes, theory and mechanical analysis of spline cold rolling forming has remained very limited to date. In practice, the forming processes and production methods used are mainly chosen on the basis of individual experience. As such, there is a marked lack of both systematic, theory-based guidelines, and of specialized books covering theoretical analysis, numerical simulation, experiments and equipment used in spline cold rolling forming processes. Illustrated using tables, 3D photographs and formula derivations, this book fills that gap in the literature.

Engineering Drawing and Design - David A. Madsen 2016-02-01

For more than 25 years, students have relied on this trusted text for easy-to-read, comprehensive

drafting and design instruction that complies with the latest ANSI and ASME industry standards for mechanical drafting. The Sixth Edition of ENGINEERING DRAWING AND DESIGN continues this tradition of excellence with a multitude of real, high-quality industry drawings and more than 1,000 drafting, design, and practical application problems—including many new to the current edition. The text showcases actual product designs in all phases, from concept through manufacturing, marketing, and distribution. In addition, the engineering design process now features new material related to production practices that eliminate waste in all phases, and the authors describe practices to improve process output quality by using quality management methods to identify the causes of defects, remove them, and minimize manufacturing variables. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

Mechanical Engineering Design (SI Edition) - Ansel C. Ugural 2022-04-26

Mechanical Engineering Design, Third Edition, SI Version strikes a balance between theory and application, and prepares students for more advanced study or professional practice. Updated throughout, it outlines basic concepts and provides the necessary theory to gain insight into mechanics with numerical methods in design. Divided into three sections, the text presents background topics, addresses failure prevention across a variety of machine elements, and covers the design of machine components as well as entire machines. Optional sections

treating special and advanced topics are also included. Features: Places a strong emphasis on the fundamentals of mechanics of materials as they relate to the study of mechanical design. Furnishes material selection charts and tables as an aid for specific utilizations. Includes numerous practical case studies of various components and machines. Covers applied finite element analysis in design, offering this useful tool for computer-oriented examples. Addresses the ABET design criteria in a systematic manner. Presents independent chapters that can be studied in any order. Mechanical Engineering Design, Third Edition, SI Version allows students to gain a grasp of the fundamentals of machine design and the ability to apply these fundamentals to various new engineering problems.

Mechanical Design and Manufacturing of Electric Motors Wei Tong 2022-05-20

This Second Edition of Mechanical Design and Manufacturing of Electric Motors provides in-depth knowledge of design methods and developments of electric motors in the context of rapid increases in energy consumption, and emphasis on environmental protection, alongside new technology in 3D printing, robots, nanotechnology, and digital techniques, and the challenges these pose to the motor industry. From motor classification and design of motor components to model setup and material and bearing selections, this comprehensive text covers the fundamentals of practical design and design-related issues, modeling and simulation, engineering analysis, manufacturing processes, testing procedures, and performance characteristics of electric motors today. This Second Edition adds three brand new chapters on motor breaks, motor sensors, and power transmission and gearing systems. Using a practical approach, with a focus on innovative design and applications, the book contains a thorough discussion of major components and subsystems, such as rotors, shafts, stators, and frames, alongside various cooling techniques, including natural and forced air, direct- and indirect-liquid, phase change, and other newly-emerged innovative cooling methods. It also analyzes the calculation of motor power losses, motor vibration, and acoustic noise issues, and presents engineering analysis methods and case-study results. While suitable for motor

engineers, designers, manufacturers, and end users, the book will also be of interest to maintenance personnel, undergraduate and graduate students, and academic researchers. **Chinese Standard. GB; GB/T; GBT; JB; JB/T; YY; HJ; NB; HG; QC; SL; SN; SH; JJF; JJJ; CJ; TB; YD; YS; NY; FZ; JG; QB; SJ; SY; DL; AQ; CB; GY; JC; JR; JT -**

<https://www.chinesestandard.net> 2018-01-01
This document provides the comprehensive list of Chinese National Standards and Industry Standards (Total 17,000 standards).

Mechanical Design of Machine Elements by Graphical Methods - Majid Yaghoubi 2022-07-16

This book covers designing of various machine elements and serves as a reference for mechanical designing of machine elements in academia and industry. It provides information on designing approaches and several examples and problems, enabling readers to make all of their required calculations for their specific mechanical design or fabrication tasks by using the book's plots (graphs), instead of complicated formulas.

Mechanical Design of Machine Elements and Machines - Jack A. Collins 2009-10-19

Taking a failure prevention perspective, this book provides engineers with a balance between analysis and design. The new edition presents a more thorough treatment of stress analysis and fatigue. It integrates the use of computer tools to provide a more current view of the field. Photos or images are included next to descriptions of the types and uses of common materials. The book has been updated with the most comprehensive coverage of possible failure modes and how to design with each in mind. Engineers will also benefit from the consistent approach to problem solving that will help them apply the material on the job.

Transactions of Technical Conference on Metric Mechanical Fasteners - American National Metric Council 1975

Miscellaneous Publication - National Bureau of Standards - United States. National Bureau of Standards 1934

Power Transmissions Datong Qin 2016-11-10
This book presents papers from the International Conference on Power Transmissions 2016, held

in Chongqing, China, 27th-30th October 2016. The main objective of this conference is to provide a forum for the most recent advances, addressing the challenges in modern mechanical transmissions. The conference proceedings address all aspects of gear and power transmission technology and a range of applications. The presented papers are catalogued into three main tracks, including design, simulation and testing, materials and manufacturing, and industrial applications. The design, simulation and testing track covers topics such as new methods and designs for all types of transmissions, modelling and simulation of power transmissions, strength, fatigue, dynamics and reliability of power transmissions, lubrication and sealing technologies and theories, and fault diagnosis of power transmissions. In the materials and manufacturing track, topics include new materials and heat treatment of power transmissions, new manufacturing technologies of power transmissions, improved tools to predict future demands on production systems, new technologies for ecologically sustainable productions and those which preserve natural resources, and measuring technologies of power transmissions. The proceedings also cover the novel industrial applications of power transmissions in marine, aerospace and railway contexts, wind turbines, the automotive industry, construction machinery, and robots.

Gear Drive Systems Peter Lynwander
2019-01-22

This outstanding reference provides the complete range of practical and theoretical information - with over 250 detailed illustrations, figures and tables - needed to design, manufacture and operate reliable, efficient gear drive systems, emphasizing parallel shaft and planetary units with spur and helical gearing.

AASHTO Load and Resistance Factor Design Movable Highway Bridge Design Specifications - American Association of State Highway and Transportation Officials. Subcommittee on Bridges and Structures 2007

Tool and Manufacturing Engineers Handbook Desk Edition - W. H. Cubberly 1989
The TMEH Desk Edition presents a unique collection of manufacturing information in one

convenient source. Contains selected information from TMEH Volumes 1-5--over 1,200 pages of manufacturing information. A total of 50 chapters cover topics such as machining, forming, materials, finishing, coating, quality control, assembly, and management. Intended for daily use by engineers, managers, consultants, and technicians, novice engineers or students.

Design Practices - SAE
Transmission/Axle/Driveline Forum Committee
2012-05-22

Since the mid-20th Century, automatic transmissions have benefited drivers by automatically changing gear ratios, freeing the driver from having to shift gears manually. The automatic transmission's primary job is to allow the engine to operate in its speed range while providing a wide range of output (vehicle) speeds automatically. The transmission uses gears to make more effective use of the engine's torque and to keep the engine operating at an appropriate speed. For nearly half a century, *Design Practices: Passenger Car Automatic Transmissions* has been the "go-to" handbook of design considerations for automatic transmission industry engineers of all levels of experience. This latest 4th edition represents a major overhaul from the prior edition and is arguably the most significant update in its long history. In summary, the authors have put together the most definitive handbook for automatic transmission design practices available today. Virtually all existing chapters have been updated and improved with the latest state-of-the-art information and many have been significantly expanded with more detail and design consideration updates; most notably for torque converters and start devices, gears/splines/chains, bearings, wet friction, one-way clutch, pumps, seals and gaskets, and controls. All new chapters have also been added, including state-of-the-art information on:

- Lubrication
- Transmission fluids
- Filtration
- Contamination control

Finally, details about the latest transmission technologies—including dual clutch and continuously variable transmissions—have been added.

Machine Design - 1966

Proceedings of the 9th IFToMM International

Conference on Rotor Dynamics - Paolo Pennacchi 2015-05-26

This book presents the proceedings of the 9th IFToMM International Conference on Rotor Dynamics. This conference is a premier global event that brings together specialists from the university and industry sectors worldwide in order to promote the exchange of knowledge, ideas, and information on the latest developments and applied technologies in the dynamics of rotating machinery. The coverage is wide ranging, including, for example, new ideas and trends in various aspects of bearing technologies, issues in the analysis of blade dynamic behavior, condition monitoring of different rotating machines, vibration control, electromechanical and fluid-structure interactions in rotating machinery, rotor dynamics of micro, nano and cryogenic machines, and applications of rotor dynamics in transportation engineering. Since its inception 32 years ago, the IFToMM International Conference on Rotor Dynamics has become an irreplaceable point of reference for those working in the field and this book reflects the high quality and diversity of content that the conference continues to guarantee.

Evolutionary Design and Manufacture - I.C. Parmee 2012-12-06

The fourth evolutionary/adaptive computing conference at the University of Plymouth again explores the utility of various evolutionary/adaptive search algorithms and complementary computational intelligence techniques within design and manufacturing. The content of the following chapters represents a selection of the diverse set of papers presented at the conference that relate to both engineering design and also to more general design areas. This expansion has been the result of a conscious effort to recognise generic problem areas and complementary research across a wide range of design and manufacture activity. There has been a major increase in both research into and utilisation of evolutionary and adaptive systems within the last two years. This is reflected in the establishment of major annual joint US genetic and evolutionary computing conferences and the introduction of a large number of events relating to the application of these technologies in specific fields. The

Plymouth conference remains a long-standing event both as ACDM and as the earlier ACEDC series. The conference maintains its policy of single stream presentation and associated poster and demonstrator sessions. The event retains the support of several UK Engineering Institutions and is now recognised by the International Society for Genetic and Evolutionary Computation as a mainstream event. It continues to attract an international audience of leading researchers and practitioners in the field.

Mechanical Design of Electric Motors - Wei Tong 2014-04-28

Rapid increases in energy consumption and emphasis on environmental protection have posed challenges for the motor industry, as has the design and manufacture of highly efficient, reliable, cost-effective, energy-saving, quiet, precisely controlled, and long-lasting electric motors. Suitable for motor designers, engineers, and manufacturers, as well

Design of Mechanical Joints - Alexander Blake 1985-10-29

"A cornerstone publication that covers the basic principles and practical considerations of design methodology for joints held by rivets, bolts, weld seams, and adhesive materials, Design of Mechanical Joints gives engineers the practical results and formulas they need for the preliminary design of mechanical joints, combining the essential topics of joint mechanics...strength of materials...and fracture control to provide a complete treatment of problems pertinent to the field of mechanical connections. "

Design Guide for Involute Splines - Robert W. Cedoz 1994-01-01

The purpose of this design guide is to provide the designer help in understanding the design, manufacture, and operation of splined shaft connections. It describes the types of splines that are typically used - including flexible and fixed splines. Contents cover: - Spline Terms and Definitions Applications Operation Dimensioning Manufacture Bibliography.

Tribological Research and Design for Engineering Systems - D. Dowson 2003-07-17

These papers represent the proceedings from the 29th Leeds-Lyon Symposium on Tribology, 'Tribological Research and Design for

Engineering Systems' which was held in September 2002. Over 130 delegates from 18 countries attended the symposium, and the extensive discussions generated over 150 written questions and responses, which are documented at the end of this proceedings volume. There have been many advances in the field of tribology in recent years, with progress being made in the engineering and interaction of surfaces; micro and nano-tribology; elasto-hydrodynamics; surface films; surface texture; tribochemistry; wear and life prediction; with both experimental and theoretical contributions. These advances were reviewed, and the impact of this understanding on the fundamentals upon total engineering activity in design, manufacture and machine operation were considered. Readership: Scientists and researchers in the field of tribology.

On the Design of Involute Splined Couplings
- Per Walter 1993

Transaction of Technical Conference on Metric Mechanical Fasteners -

Machine Design with CAD and Optimization

- Sayed M. Metwalli 2021-04-08

MACHINE DESIGN WITH CAD AND

OPTIMIZATION A guide to the new CAD and optimization tools and skills to generate real design synthesis of machine elements and systems Machine Design with CAD and Optimization offers the basic tools to design or synthesize machine elements and assembly of prospective elements in systems or products. It contains the necessary knowledge base, computer aided design, and optimization tools to define appropriate geometry and material selection of machine elements. A comprehensive text for each element includes: a chart, excel sheet, a MATLAB® program, or an interactive program to calculate the element geometry to guide in the selection of the appropriate material. The book contains an introduction to machine design and includes several design factors for consideration. It also offers information on the traditional rigorous design of machine elements. In addition, the author reviews the real design synthesis approach and offers material about stresses and material failure due to applied loading during intended

performance. This comprehensive resource also contains an introduction to computer aided design and optimization. This important book: Provides the tools to perform a new direct design synthesis rather than design by a process of repeated analysis Contains a guide to knowledge-based design using CAD tools, software, and optimum component design for the new direct design synthesis of machine elements Allows for the initial suitable design synthesis in a very short time Delivers information on the utility of CAD and Optimization Accompanied by an online companion site including presentation files Written for students of engineering design, mechanical engineering, and automotive design. Machine Design with CAD and Optimization contains the new CAD and Optimization tools and defines the skills needed to generate real design synthesis of machine elements and systems on solid ground for better products and systems.

GB/T; GBT - Product Catalog. Translated English of Chinese Standard. (GB/T; GBT) -

<https://www.chinesestandard.net> 2018-01-01

This document provides the comprehensive list of Chinese National Standards - Category: GB/T; GBT.

Mechanical Design of Machine Components

- Ansel C. Ugural 2018-09-03

Analyze and Solve Real-World Machine Design Problems Using SI Units Mechanical Design of Machine Components, Second Edition: SI Version strikes a balance between method and theory, and fills a void in the world of design. Relevant to mechanical and related engineering curricula, the book is useful in college classes, and also serves as a reference for practicing engineers. This book combines the needed engineering mechanics concepts, analysis of various machine elements, design procedures, and the application of numerical and computational tools. It demonstrates the means by which loads are resisted in mechanical components, solves all examples and problems within the book using SI units, and helps readers gain valuable insight into the mechanics and design methods of machine components. The author presents structured, worked examples and problem sets that showcase analysis and design techniques, includes case studies that

present different aspects of the same design or analysis problem, and links together a variety of topics in successive chapters. SI units are used exclusively in examples and problems, while some selected tables also show U.S. customary (USCS) units. This book also presumes knowledge of the mechanics of materials and material properties. New in the Second Edition: Presents a study of two entire real-life machines Includes Finite Element Analysis coverage supported by examples and case studies Provides MATLAB solutions of many problem samples and case studies included on the book's website Offers access to additional information on selected topics that includes website addresses and open-ended web-based problems Class-tested and divided into three sections, this comprehensive book first focuses on the fundamentals and covers the basics of loading, stress, strain, materials, deflection, stiffness, and stability. This includes basic concepts in design and analysis, as well as definitions related to properties of engineering materials. Also discussed are detailed equilibrium and energy methods of analysis for determining stresses and deformations in variously loaded members. The second section deals with fracture mechanics, failure criteria, fatigue phenomena, and surface damage of components. The final section is dedicated to machine component design, briefly covering entire machines. The fundamentals are applied to specific elements such as shafts, bearings, gears, belts, chains, clutches, brakes, and springs.

Ordnance Engineering Design Handbook
United States. Army. Ordnance Corps 1959

Mechanical Design - T.H.C. Childs 2021-06-29
Mechanical Design: Theory and Applications, Third Edition introduces the design and selection of common mechanical engineering components and machine elements, hence providing the foundational "building blocks" engineers need to practice their art. In this book, readers will learn how to develop detailed mechanical design skills in the areas of bearings, shafts, gears, seals, belt and chain drives, clutches and brakes, and springs and fasteners. Where standard components are available from manufacturers, the steps necessary for their specification and selection are thoroughly

developed. Descriptive and illustrative information is used to introduce principles, individual components, and the detailed methods and calculations that are necessary to specify and design or select a component. As well as thorough descriptions of methodologies, this book also provides a wealth of valuable reference information on codes and regulations. Presents new material on key topics, including actuators for robotics, alternative design methodologies, and practical engineering tolerancing Clearly explains best practice for design decision-making Provides end-of-chapter case studies that tie theory and methods together Includes up-to-date references on all standards relevant to mechanical design, including ASNI, ASME, BSI, AGMA, DIN and ISO
List of English-translated Chinese standards
[GB/T] - <https://www.codeofchina.com>
[HTTPS://WWW.CODEOFCHINA.COM](https://www.codeofchina.com)
[EMAIL:COC@CODEOFCHINA.COM](mailto:COC@CODEOFCHINA.COM)
"Codeofchina Inc., a part of TransForyou (Beijing) Translation Co., Ltd., is a professional Chinese code translator in China. Now, Codeofchina Inc. is running a professional Chinese code website, www.codeofchina.com. Through this website, Codeofchina Inc. provides English-translated Chinese codes to clients worldwide. About TransForyou TransForyou (Beijing) Translation Co., Ltd., established in 2003, is a reliable language service provider for clients at home and abroad. Since our establishment, TransForyou has been aiming to build up a translation brand with our professional dedicated service. Currently, TransForyou is the director of China Association of Engineering Construction Standardization (CECS); the committeeman of Localization Service Committee / Translators Association of China (TAC) and the member of Boya Translation Culture Salon (BTCS); and the field study center of the University of the University of International Business & Economics (UIBE) and Hebei University (HU). In 2016, TransForyou ranked 27th among Asian Language Service Providers by Common Sense Advisory. "

Blake's Design of Mechanical Joints - Harold Josephs 2018-10-11
Blake's Design of Mechanical Joints, Second Edition, is an updated revision of Alexander

Blake's authoritative book on mechanical joint and fastener design. This revision brings Blake's 1985 volume up-to-date with modern developments in joint design, and recent technological advances in metallic and non-metallic materials, and in adhesive joining technologies. The book retains Blake's lucid, readable style and his balance of basic concepts with practical applications. Coverage of statistical methods, computational software usage, extensive examples, and a full glossary have been added to make the new edition a comprehensive, practical sourcebook for today's mechanical design engineers.

International Gear Conference 2014: 26th-28th August 2014, Lyon Philippe Vexel 2014-09-18

This book presents papers from the International Gear Conference 2014, held in Lyon, 26th-28th August 2014. Mechanical transmission components such as gears, rolling element bearings, CVTs, belts and chains are present in every industrial sector and over recent years, increasing competitive pressure and environmental concerns have provided an impetus for cleaner, more efficient and quieter units. Moreover, the emergence of relatively new applications such as wind turbines, hybrid transmissions and jet engines has led to even more severe constraints. The main objective of this conference is to provide a forum for the most recent advances, addressing the challenges in modern mechanical transmissions. The conference proceedings address all aspects of gear and power transmission technology and range of applications (aerospace, automotive, wind turbine, and others) including topical issues such as power losses and efficiency, gear vibrations and noise, lubrication, contact failures, tribo-dynamics and nano transmissions. A truly international contribution with more than 120 papers from all over the world A judicious balance between fundamental research and industrial concerns Participation of the most respected international experts in the field of gearing A wide range of applications in terms of size, power, speed, and industrial sector

Dudley's Handbook of Practical Gear Design and Manufacture - Stephen P. Radzevich 2016-09-15
Dudley's Handbook of Practical Gear Design & Manufacture, Third Edition, is the definitive reference work for gear design, production,

inspection, and application. This fully updated edition provides practical methods of gear design, and gear manufacturing methods, for high-, medium-, and low-volume production. Comprehensive tables and references are included in the text and in its extensive appendices, providing an invaluable source information for all those involved in the field of gear technology.

The Art of Gear Fabrication - Prem H. Daryani 2001

Written by a manufacturing professional with extensive worldwide experience, this unique and complete guidebook places emphasis on teaching beginners and advanced planners how to process gears, and will enable manufacturing engineers familiar with machine shop practice to be specialists in the gear manufacturing field. The first few chapters are devoted to common gear nomenclature and analysis of processing of six typical gears, including explanations of the logic and reasoning for every sequence of operation. Subsequent chapters thoroughly describe production, selection of materials, heat treatment, plating, methods of cutting, hobbing, shaping, and grinding. Gear designers and entry-level manufacturing and processing engineers in the machine shop field will find this reference extremely helpful and valuable.

Couplings and Joints John R. Mancuso 1999-04-23

"Second Edition provides new material on coupling ratings, general purpose couplings versus special purpose couplings, retrofitting of lubricated couplings to nonlubricated couplings, torsional damping couplings, torque meter couplings, and more."

Encyclopedia of Automotive Engineering - David Crolla 2015-03-23

A Choice Outstanding Academic Title The Encyclopedia of Automotive Engineering provides for the first time a large, unified knowledge base laying the foundation for advanced study and in-depth research. Through extensive cross-referencing and search functionality it provides a gateway to detailed but scattered information on best industry practice, engendering a better understanding of interrelated concepts and techniques that cut across specialized areas of engineering. Beyond traditional automotive subjects the Encyclopedia

addresses green technologies, the shift from mechanics to electronics, and the means to produce safer, more efficient vehicles within varying economic restraints worldwide. The work comprises nine main parts: (1) Engines: Fundamentals (2) Engines: Design (3) Hybrid and Electric Powertrains (4) Transmission and Driveline (5) Chassis Systems (6) Electrical and Electronic Systems (7) Body Design (8) Materials and Manufacturing (9) Telematics. Offers authoritative coverage of the wide-ranging specialist topics encompassed by automotive engineering An accessible point of reference for entry level engineers and students who require an understanding of the fundamentals of technologies outside of their own expertise or training Provides invaluable guidance to more detailed texts and research findings in the technical literature Developed in conjunction with FISITA, the umbrella organisation for the national automotive societies in 37 countries around the world and representing more than 185,000 automotive engineers 6 Volumes www.automotive-reference.com An essential resource for libraries and information centres in industry, research and training organizations, professional societies, government departments, and all relevant engineering departments in the academic sector.

Design Engineer's Case Studies and Examples - Keith L. Richards 2013-11-15

The Engineering Council (UK) have reported an encouraging increase in the applications for Engineering Technician (Eng. Tech) registration, both from applicants following a work-based learning program and individuals without formal qualifications but who have verifiable competence through substantial working experiences and self-study. Design Engineer's Case Studies and Examples has been written for these young engineers. The contents have been selected on typical subjects that developing engineers may be expected to cover in their professional career and gives solutions to typical problems that may arise in mechanical design. The subjects covered include the following: Introduction to stress calculations Basic shaft design Beams under bending Keys and spline strength calculations Columns and struts Gears Material selection Conversions and general tables

Guide to the Use of Tables and Formulas in Machinery's Handbook, 27th Edition - John Milton Amis 2004

Completely updated and revised to reflect the changes and additions made to the Handbook, this Guide will enable users to maximize the enormous practical value available from Machinery's Handbook. Illustrates through hundreds of examples, solutions, and questions how to take full advantage of the Handbook to solve the types of problems typically encountered in drafting rooms, machine shops and on the factory floor. Allows you to quickly become more thoroughly familiar with the vast range of contents found in the Handbook. By practicing the many practical techniques explained in this Guide, you will be able to obtain the solution or information needed to resolve on-the-job problems. Contents include: Dimension and Areas of Circles; Chordal Dimensions, Segments, and Spheres; Formulas and their Rearrangement; Calculations Involving Logarithms of Numbers; Dimensions, Areas, and Volumes of Geometrical Figures; Functions of Angles; Solution of Right-Angle Triangles; Solution of Oblique Triangles; Figuring Tapers; Tolerances and Allowances for Machine Parts; Using Standards Data and Information; Standard Screw and Pipe Threads; Problems in Mechanics; Strength of Materials; Design of Shafts and Keys for Power Transmission; Splines; Problems in Designing and Cutting Gears; Cutting Speeds, Feeds, and Machining Power; Numerical Control; General Review Questions; Answers to Practice Exercises; Index.

GB, GBT, GB/T Chinese Standard (English translation) - Catalog Dr. Meng Yongye CODEOFCHINA 2018-05-04

All English-translated Chinese codes are available at: www.codeofchina.com

Advances in Mechanical Design Jianrong Tan 2022-03-15

This book focus on innovation, main objectives are to bring the community of researchers in the fields of mechanical design together; to exchange and discuss the most recent investigations, challenging problems and new trends; and to encourage the wider implementation of the advanced design technologies and tools in the world, particularly throughout China. The theme of 2021 ICMD is

“Interdisciplinary and Design Innovation” and this conference is expected to provide an excellent forum for cross-fertilization of ideas so

that more general, intelligent, robust and computationally economical mechanical design methods are created for multi-disciplinary applications.