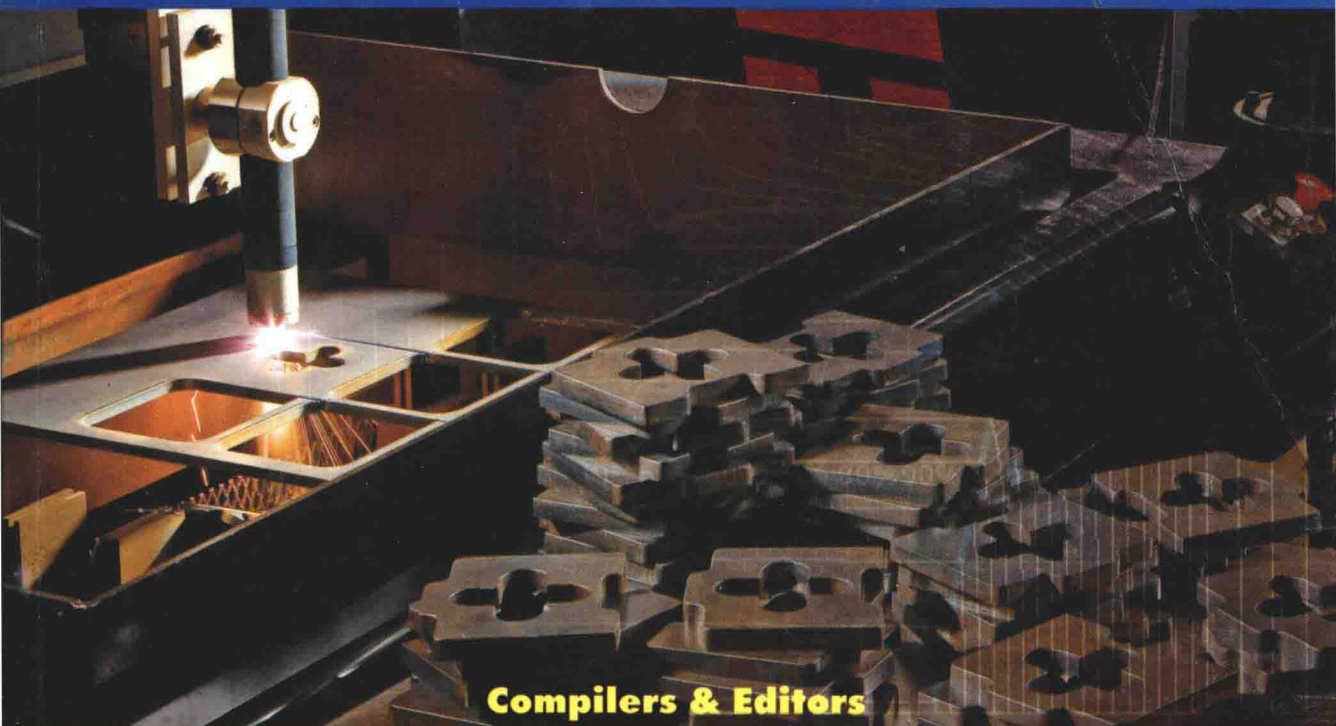


Mechanical Engineering

DATA HANDBOOK



Compilers & Editors

Mukesh Pandey • Pushpendra Sharma • Vishav Kamal • Prashant Sharma

- Refrigeration and Air Conditioning
- Heat and Mass Transfer
- Solar Energy
- Steam Tables
- Materials
- Heat Treatment
- Machine Elements
- Standards & Standard Machine Elements
- Fits and Tolerances
- Bearings
- Gears
- Materials Handling Equipment
- Mechanics of Solids
- Casting
- Welding
- Machining
- Metal Forming
- Tolerances of Holes & Shafts



MECHANICAL ENGINEERING DATA HANDBOOK

Compilers and Editors

Mukesh Pandey
Pushpendra Sharma
Vishav Kamal
Prashant Sharma



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MECHANICAL ENGINEERING DATA HANDBOOK

Preface

The book emphasizes the machine component design, material data, material handling, metal forming and mechanism of machines. Gears, machining, heat treatment, bearings, element of machine, thermal data, and steam tables, gauges, thermal science, heat and mass transfer, solar energy. It gives the overall information of the subject. All the materials make the subject matter clear in simple form with diagrams and designing. The book is expected to fulfil the purpose of a complete data-cum-textbook as per present requirement.

We are highly obliged to Dr. S.C. Kapoor, Director NRI Group of Institution Bhopal (M.P.) & Dr. Monika Vishwakarma, Principal NRIIST, Bhopal, and the Administration & Department of Mechanical Engineering of NRI Group of Institution, RGPV University for their help and encouragement during the preparation of this book.

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Mukesh Pandey
Pushpendra Sharma
Vishav Kamal
Prashant Sharma

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