

# An Engineering Data Book

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this text features 96 pages of symbols formulae equations numbers graphs and tables for the student or professional engineer

intended for practicing mechanical engineers this reference reviews basic engineering mathematics units of measure and conversion mechanical tolerances mechanics material failure limits thermodynamics machine components production tools and welding processes

the objective of this pocketbook is to provide a concise and useul source of up to date information for the student or practising engineer

this is a convenient one volume reference that provides process engineers with quick information on the major equipment processes and materials used in chemical food water wastewater fuel and other types of process engineering the data is presented in short articles supplemented and illustrated by tables diagrams charts and formulas the data is organized in twenty short chapters with a detailed index for easy reference much of the data is economically presented in tables

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this book brings together information which is used by engineers and needed especially by students of engineering but difficult to find in a collected form in this respect engineering perhaps because it is more often divided into separate branches has so far been less well served than the other physical sciences we hope to have in part redressed the balance the contents are designed chiefly for engineering students of all kinds in universities and colleges but they should also prove useful to practising engineers as a general reference there was some difficulty in choosing numerical values for parts of the section properties of matter information was culled from a range of sources which sometimes show an alarming lack of

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