A Dictionary of Mechanical Engineering (Oxford Quick Reference)

Tony Atkins, Marcel Escudier
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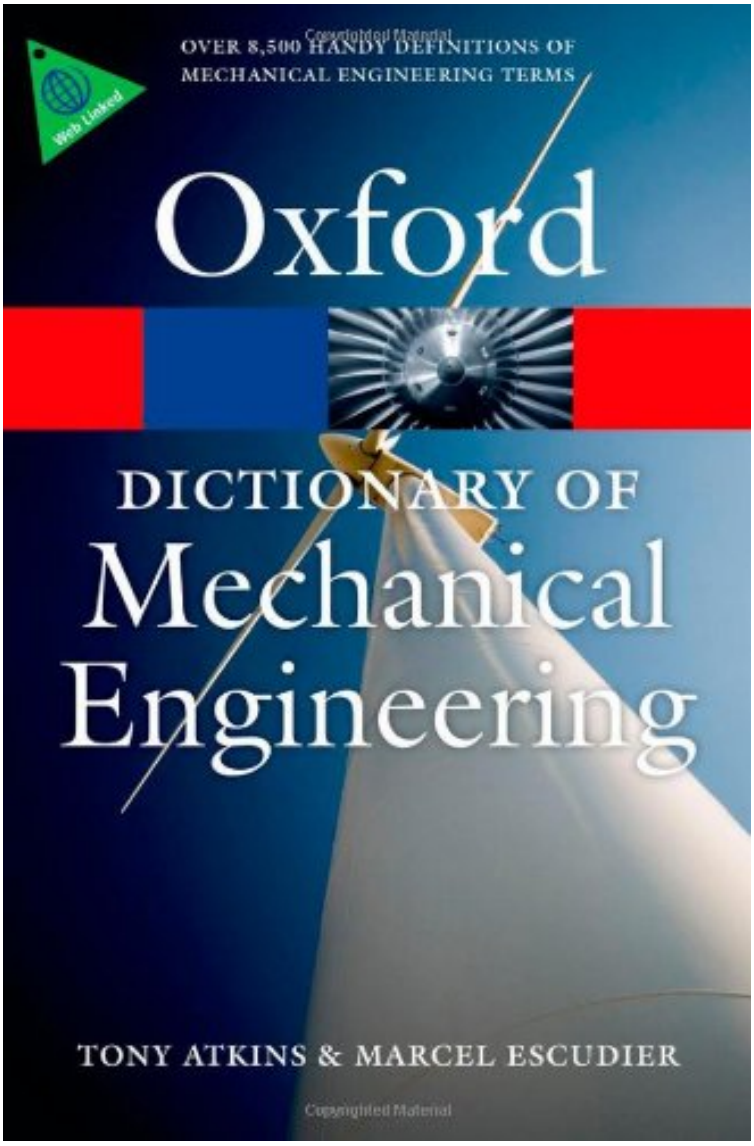

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A Dictionary of Mechanical Engineering is one of the latest additions to the market leading Oxford Paperback Reference series. In over 8,500 clear and concise alphabetical entries, and with many helpful line drawings, it provides definitions and explanations for mechanical engineering terms in the core areas of design, stress analysis, dynamics and vibrations, thermodynamics, and fluid mechanics. Topics covered include heat transfer, combustion, control, lubrication, robotics, instrumentation, and measurement. Where relevant, the dictionary also touches on related subject areas such as acoustics, bioengineering, chemical engineering, civil engineering, aeronautical engineering, environmental engineering, and materials science. To expand its coverage, the dictionary also lists useful entry-level web links which are regularly updated on a dedicated companion website of the dictionary. Extensively cross-referenced, this excellent new volume is the most comprehensive and authoritative dictionary of its kind. It is an essential reference for students of mechanical engineering and for anyone with an interest in the subject.

About the AuthorTony Atkins is Emeritus Professor of Mechanical Engineering at the University of Reading and Visiting Professor at Imperial College. He has authored over 150 journal articles and several books, including The Science Engineering of Cutting (Elsevier, 2009). He is a Fellow of the Royal Academy of Engineering, a Fellow of the Institution of Mechanical Engineers and a Fellow of the Institute of Materials, Minerals and Mining.Marcel Escudier is Emeritus Professor of Mechanical Engineering at the University of Liverpool. He has written many journal articles and a book, including The Essence of Engineering Fluid Mechanics (Prentice Hall, 1998). He is a Fellow of the Royal Academy of Engineering and a Fellow of the Institution of Mechanical Engineers.