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MANUFACTURING TECHNOLOGY

**G. BRAM
C. DOWNS**

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First published 1975 by
THE MACMILLAN PRESS LTD
London and Basingstoke
Associated companies in New York Dublin
Melbourne Johannesburg and Madras

SBN 333 15705 2

ISBN 978-1-349-02156-7

ISBN 978-1-349-02154-3 (eBook)

DOI 10.1007/978-1-349-02154-3

Typeset by
PREFACE LIMITED
Salisbury, Wilts

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Preface

The aim of this book is to help the student to relate theoretical considerations to actual practice. While many well-written Workshop Technology books are available, they emphasise the craft aspect in toolrooms and machine shops, often where there is no production requirement, no constant output of a given product, and no relationship between craft and a mass-production environment.

Although there is no substitute for knowing *how* to perform a particular task, one must consider if there is another method that is more economical in the use of all the company's resources. Escalating costs should provide a challenge to thinking technicians to question the 'what was good enough for my father is good enough for me' dogma. As circumstances change it is the ability to modify, adjust and re-assess that will be the mark of the good technician, and will give him the greatest satisfaction in his work.

Manufacturers who supply tools and services to the Engineering Industry are sometimes the very key to success. It is to some of these manufacturers that we wish to extend our thanks for the help and encouragement received during the writing of this book: Catnic Components Ltd, Sanvik, Kennametal, Cincinnati and Mohr companies.

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