

H.G. BECK

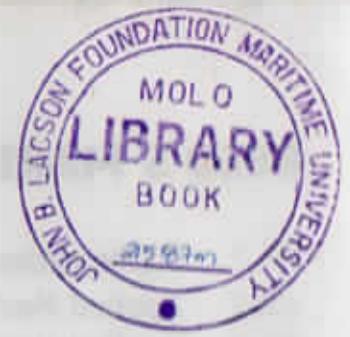
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REEDS MARINE ENGINEERING AND TECHNOLOGY

ENGINEERING DRAWINGS FOR MARINE ENGINEERS

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REED'S ENGINEERING DRAWING FOR MARINE ENGINEERS

THE ENGINEERING SERIES

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H G BECK, CEng, FIMarE, MRINA



ADLARD COLES NAUTICAL
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Chapter One

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HINTS ON PRODUCING A DRAWING IN ORTHOGRAPHIC PROJECTION

Engineering drawing is a systematic process of conveying to others the ideas of an engineer or architect. It is a language that is common to all engineers and architects, and it is essential for the communication of ideas in the engineering and architectural professions.

The purpose of this book is to provide a systematic approach to the production of engineering drawings. It covers the basic principles of orthographic projection, the representation of common engineering drawing terms, and the production of drawings in first angle orthographic projection. It also includes examples of drawings in first angle orthographic projection, and a table of dimensions of hexagon nuts and bolts.

This book is intended for use as a textbook in a course in engineering drawing, or as a reference for engineers and architects. It is also suitable for self-study by anyone interested in the production of engineering drawings.

The book is divided into four chapters. Chapter One deals with the hints on producing a drawing in orthographic projection. Chapter Two deals with the representation of common engineering drawing terms. Chapter Three deals with examples in first angle orthographic projection from pictorial representations. Chapter Four deals with statics—shearing force and bending moment diagrams. The table of dimensions of hexagon nuts and bolts is also included.

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