BRIEF CONTENTS

CHAPTER ONE
THE WORLDWIDE GRAPHIC
LANGUAGE FOR DESIGN 2

CHAPTER TWO
LAYOUTS AND LETTERING 24

CHAPTER THREE
TECHNICAL SKETCHING 64

CHAPTER FOUR
ORTHOGRAPHIC PROJECTION 136

CHAPTER FIVE
2D DRAWING REPRESENTATION 180

CHAPTER SIX
SECTIONAL VIEWS 218

CHAPTER SEVEN
AUXILIARY VIEWS 258

CHAPTER EIGHT
MANUFACTURING PROCESSES 316

CHAPTER NINE DIMENSIONING 344

CHAPTER TEN
TOLERANCING 390

CHAPTER ELEVEN THREADS, FASTENERS, AND SPRINGS 438

CHAPTER TWELVE WORKING DRAWINGS 482

APPENDICES 563
INDEX 689
WORKSHEETS 699