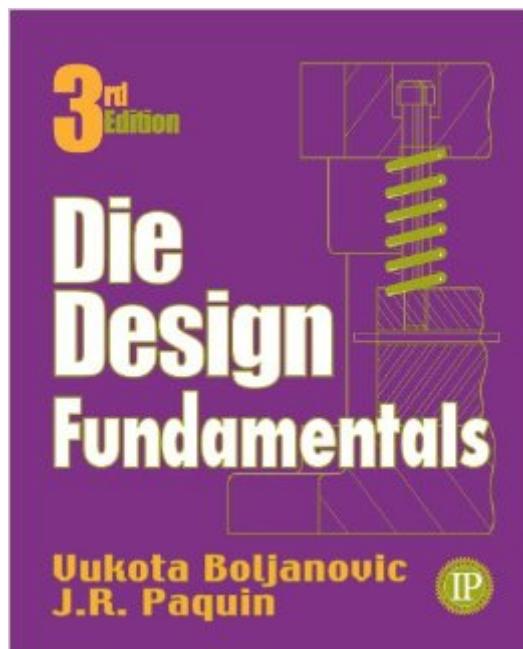


The book was found

# Die Design Fundamentals



## **Synopsis**

Retaining its unique and much praised organization, this leading text has been revised to reflect the most recent developments in design tools. It provides balanced coverage of relevant fundamentals and real-world practices so that students, apprentices and on-the-job professionals can understand the important and often complex interrelationships between die design and the economic factors involved in manufacturing sheet-metal forming products. Following introductory material and a discussion of 20 types of dies in Chapter 2, the design process of a representative die is separated into seventeen distinct chapters. Each chapter is one step which is illustrated in two ways; first, as a portion of an engineering drawing, that is, as the component is actually drawn on the design. Second, the die design is shown pictorially in order to improve the user's visualization. In successive sections each step is detailed as it is applied to the design of the various types of dies listed in Chapter 2. Includes English and Metric systems. Covers new methods of producing blanks, such as waterjet cutting and laser cutting. Contains a glossary of terms for the first time. Illustrates each step in pictorial view and as a portion of an engineering drawing. Offers a completely revised chapter on presses and quick die-changing systems and includes the addition of Quick Die Change Systems.

## **Book Information**

File Size: 27486 KB

Print Length: 320 pages

Publisher: Industrial Press, Inc.; 3 edition (December 28, 2005)

Publication Date: December 28, 2005

Sold by: Digital Services LLC

Language: English

ASIN: B00H4EY9BG

Text-to-Speech: Enabled

X-Ray: Not Enabled

Word Wise: Not Enabled

Lending: Not Enabled

Enhanced Typesetting: Enabled

Best Sellers Rank: #504,141 Paid in Kindle Store (See Top 100 Paid in Kindle Store) #40 in Kindle Store > Kindle eBooks > Engineering & Transportation > Engineering > Industrial, Manufacturing & Operational Systems > Industrial Technology #48 in Kindle Store > Kindle

## Customer Reviews

an excellent book for engineers or technicians with no experience in die design. This sets you up for a new and another dimension in the world of tool and dies. It is worth having one in the shelf.

I highly recommend this book to anyone planning to go into die design. It is extremely thorough and up to date. More importantly, it not only explains how a die works but it also helps in the designing process. It takes you through a step by step process and each chapter is dedicated to a part of the die i.e., the punch, the die, the stripper plate, pilots, types of die processes, die buttons, front and back rails, etc. For those already in the field, it helps to have this book handy.

Great book for beginners. This book is essential material if you want to go in this field and learn about Die Design. I would definitely recommend it as a starter. Very good indeed!

If you are looking to stamp sheet metal this seems to be a great book. I am about halfway through and enjoying reading it. I feel like I have a great concept of how my die will look and have started on a 3d model for it. It gives many calculations and standard value charts. For example, you can calculate the sheering force required for about 10 different metal types based on the perimeter of your cut and thickness of metal. This is useful when deciding to buy a press.

I have minimal machining experience, mostly self taught, and this book opens up the process of creating a die extremely well. I have only gotten through a few chapters but the illustrations are very good, the text is easy to follow and clear. Great book, from my admittedly novice point of view... but I have learned a lot.. and that's the point of this book.

A truly authoritative reference on die design in existence today. A detailed and technical yet easy to understand contents make this book a precious reference for every die designer and die makers. 'Chapter 5: Fourteen Steps To Design A Die' provides excellent yet fundamental details towards die design. There is definitely no regret from buying this book.

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