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From the Publisher: A complete discussion of the latest rapid tooling technologies in use and under development for the production for molds and manufacturing tools. Describes current applications with various leading companies, supplying information on

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Rapid Manufacturing is a term that embraces rapid prototyping and rapid tooling. Rapid prototyping is an exciting new technology for quickly creating physical models and functional prototypes directly from CAD models. Rapid tooling generally concerns the production of tooling using parts manufactured by rapid prototyping.

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This book introduces the rapid tooling technology and its industrial applications. It is suitable for use as a reference text for a course in RP. Many case studies are also included to help the reader understand how RT is actually being used in the industry. This will help the reader make decision for his particular application.

Rapid Tooling: Technologies and Industrial Applications ...

Rapid Tooling: Technologies and Industrial Applications describes the current, albeit quickly evolving, state of rapid manufacturing (RM) and rapid tooling (RT), and identifies the basic aspects of each commercially available RP&M system. The primary goal of this book is to provide useful information

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The term Rapid Tooling (RT) is used to describe a process which either uses a Rapid Prototyping (RP) technique as a medium to create a mold quickly or uses the Rapid Prototyping process directly to fabricate a tool for a limited volume of prototypes. RT takes less tooling time and cost than a conventional tool. It can be used to make multiple parts out of alternative materials.

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