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Autore	RIPOLL SINTES, Blanca
Titolo	Destino y la novela española de posguerra : 1939-1949 / Blanca Ripoll Sintes
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Soggetti	Critica letteraria
Collocazione	VI.5.B. 599
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Formato	Materiale a stampa
Livello bibliografico	Monografia

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Autore	Miller Rex <1929->
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ISBN	9786610354085 9781280354083 1280354089 9780764568718 076456871X
Edizione	[All new 5th ed.]
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Altri autori (Persone)	MillerMark R
Disciplina	671.3/5
Soggetti	Automatic machinery Machine-tools
Lingua di pubblicazione	Inglese
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Livello bibliografico	Monografia
Note generali	Includes index.
Nota di contenuto	Audel Automated Machines and Toolmaking All New 5th Edition; Contents; Acknowledgments; About the Authors; Introduction; Chapter 1: Jigs and Fixtures; Jigs; Fixtures; Summary; Review Questions; Chapter 2: Helix and Spiral Calculations; Milling a Helix; Change Gears; Milling a Spiral; Summary; Review Questions; Chapter 3: Spur Gear Computations; Evolution of Gears; Gear Teeth; Summary; Review Questions; Chapter 4: Gears and Gear Cutting; Development of Gear Teeth; Gear-Cutting Operations; Summary; Review Questions; Chapter 5: Cams and Cam Design; Cam Principles; Cam Design; How to Machine Cams SummaryReview Questions; Chapter 6: Dies and Diemaking; Cutting or Punching Dies; Shaping Dies; Combination Punching and Shaping Dies; Diemaking Operations; Summary; Review Questions; Chapter 7: Grinding; Cylindrical Grinders; Centerless Grinders; Internal Grinding; Surface Grinders; Cutter and Tool Grinding; Barrel Finishing (Abrasive Tumbling); Summary; Review Questions; Chapter 8: Laps and Lapping; Laps; Lapping Operations; Honing; Summary; Review Questions; Chapter 9: Toolmaking Operations; Introduction; Allowances and

Tolerances; Layout; Summary; Review Questions
Chapter 10: Heat-Treating FurnacesClassification; Types of Furnaces; Controlled Atmosphere; Controlled-Atmosphere Furnaces; Temperature Control of Heat-Treating Furnaces; Summary; Review Questions; Chapter 11: Annealing, Hardening, andTempering; Annealing; Hardening; Tempering; Summary; Review Questions; Chapter 12: Principles of Induction Heating; Adjustable Induction Heating Coil; Summary; Review Questions; Chapter 13: High-Frequency Induction Heating; Producing Heat by Resistance; Heating Units; High-Frequency Applications; Summary; Review Questions; Chapter 14: Furnace Brazing Basic ProcessHolding Assemblies Together; Laying and Pressing Parts Together; Summary; Review Questions; Chapter 15: Cold-Treating Process; Fundamental Principle of Cold Treating; Cold-Treating Procedures; Subzero Chilling; Summary; Review Questions; Chapter 16: Automatic Lathes; Automatic Turret Lathes; Automatic Threading Lathes; Summary; Review Questions; Chapter 17: The Automatic Screw Machine; Classification; Operating Principles; Selection and Use of Tools; Setting Up an Automatic Screw Machine; Dial-Controlled Machines; Summary; Review Questions; Chapter 18: Automated Machine Tools
Basic Principles of Numerical ControlPreparation for Numerical Control; Electronic Control of Machine Tools; Transducers; Summary; Review Questions; Chapter 19: Computerized Machining; Numerical Controls; Computer-Operated Machine Tools; CNC Components and Control System; Positioning Formats; Advantages of CNC over NC; CNC Programming; Machining Centers; CAD/CAM; Computer-Integrated Manufacturing (CIM); Summary; Review Questions; Appendix: Reference Materials; Colors and Approximate Temperatures for Carbon Steel; Nominal Dimensions of Hex Bolts and Hex Cap Screws
Nominal Dimensions of Heavy Hex Bolts and Heavy Hex Cap Screws

Sommario/riassunto

Master today's toolmaking equipmentHere, fully updated to include new machines and electronic and digital controls, is the ultimate guide to automated machines and toolmaking. Whether you're a professional machinist, an apprentice, or a trade student, this fully illustrated volume helps you work with metal-safely, precisely, efficiently-using today's tools and techniques. It's packed with review questions for students, and loaded with answers you need on the job.* Understand automated machine fundamentals and work with jigs and fixtures * Learn the basics of spiral and helix mi