

1. Record Nr.	UNINA9911006672303321
Autore	Jameson Elman C
Titolo	Electrical discharge machining // Elman C. Jameson
Pubbl/distr/stampa	Dearborn, Mich., : Society of Manufacturing Engineers, Machining Technology Association, c2001
ISBN	1-62104-054-2 1-61344-953-4
Descrizione fisica	342 p
Disciplina	671.3/5
Soggetti	Electric metal-cutting Milling machinery Milling (Metal-work) Metal-cutting Production engineering
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Bibliographic Level Mode of Issuance: Monograph
Nota di bibliografia	Includes bibliographical references and index.
Sommario/riassunto	Electrical Discharge Machining is the EDM fundamentals sourcebook, indispensable to students and apprentices. Non-engineers on the shop floor team will appreciate its lucid process descriptions that will help them communicate better about EDM. Even seasoned EDM veterans like Greg Whiteside, Applications Manager, at Charmilles Technologies, say they have learned something from it. This 328-page book covers the rudimentary knowledge knowledge behind the spark, how the spark is controlled, what causes overcut, and the importance of the dielectric fluid. With regard to the workpiece, it clearly explains the basic elements behind the affect the spark has on metallurgy and how the surface finish is produced and controlled. Electrical Discharge Machining addresses a host of other EDM topics, including the historical development of EDM, basics of the EDM machining system and process, the power supply (generator), spark voltage, electrode servo systems, and more.