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Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references at the end of each chapters.
Nota di contenuto	From the Contents: Chemical vapour deposition processes, characterization of diamond coatings and applications -- Dental tools; tool geometry; diamond burrs; tooth material & cutting processes; environment -- Experimental procedures; materials; and process conditions.
Sommario/riassunto	This volume presents chemical vapour deposition of diamond films for application in cutting tools, microdrills, dental burs and surgical tools. It examines various deposition techniques, discusses mechanisms of diamond growth and their impact on cutting tool life and performance.