

1. Record Nr.	UNINA9910827124803321
Titolo	Gear materials, properties, and manufacture // edited by J.R. Davis
Pubbl/distr/stampa	Materials Park, Ohio, : ASM International, 2005
ISBN	1-62708-345-6 1-61503-049-2
Edizione	[1st ed.]
Descrizione fisica	1 online resource (347 p.)
Altri autori (Persone)	DavisJ. R (Joseph R.)
Disciplina	621.8/33
Soggetti	Gearing - Manufacture
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	""Contents""; ""Preface""; ""Basic Understanding of Gears""; ""Gear Tribology and Lubrication""; ""Ferrous and Nonferrous Alloys""; ""Plastics""; ""Machining, Grinding, and Finishing""; ""Casting, Forming, and Forging""; ""Powder Metallurgy""; ""Through Hardening""; ""Carburizing""; ""Nitriding""; ""Carbonitriding""; ""Induction and Flame Hardening""; ""Gear Failure Modes and Analysis""; ""Fatigue and Life Prediction""; ""Mechanical Testing""; ""Index""