

1. Record Nr.	UNINA9910299858703321
Autore	Hanifan Ron
Titolo	Perfecting Engineering and Technical Drawing : Reducing Errors and Misinterpretations // by Ron Hanifan
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2015
ISBN	3-319-06983-7
Edizione	[1st ed. 2015.]
Descrizione fisica	1 online resource (98 p.)
Collana	SpringerBriefs in Applied Sciences and Technology, , 2191-530X ; ; 139
Disciplina	502.3 620 620.0042 620.00420285
Soggetti	Engineering design Computer-aided engineering Engineering—Vocational guidance Engineering Design Computer-Aided Engineering (CAD, CAE) and Design Job Careers in Science and Engineering
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.
Nota di contenuto	Understanding Your Drawings and Their Requirements -- First Step is Done Design is Complete -- Understand the Data You Have Placed on the Drawing -- Dimensioning and Tolerancing Errors -- Drawing Types and Their Requirements -- Electrical Reference Designations -- Composite Laminate Drawings.- Inspection -- Delivery of Your Drawing -- The Checker -- Information -- Conclusion.
Sommario/riassunto	This concise reference helps readers avoid the most commonplace errors in generating or interpreting engineering drawings. Applicable across multiple disciplines, Hanifan's lucid treatment of such essential skills as understanding and conveying data in a drawing, exacting precision in dimension and tolerance notations, and selecting the most-appropriate drawing type for a particular engineering situation, "Perfecting Engineering and Technical Drawing" is an valuable resource for practicing engineers, engineering technologists, and students.

Provides straightforward explanation of the requirements for all common engineering drawing types Maximizes reader understanding of engineering drawing requirements, differentiating the types of drawings and their particular characteristics Elucidates electrical reference designation requirements, geometric dimensioning, and tolerancing errors Explains the entire engineering documentation process from concept to delivery.
