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GEOTOL Pro: A Practical Guide To Geometric Tolerancing Per ASME Y14.5 - Workbook 2009



Synopsis

Whether used for stand-alone study or to complement the, Geometric Dimensioning and Tolerancing (GeoTol) Pro video series, the, GeoTol Pro, workbook is your guide to the fundamentals of GD&T as well as more advanced applications. Based on the latest American National Standard on dimensioning and tolerancing, ASME Y14.5-2009, it uses the internationally recognized engineering language, symbols, and feature control frames to describe the form, orientation, and location of part features in zones of tolerance within a product or assembly. Students, designers, and practitioners alike will get a clear understanding of how this precise mathematical language is applied to the features of a part to provide a very clear definition of design intent. Written by industry experts Al Neumann and Scott Neumann, the workbook uses simple, easy-to-understand language and is rich in examples. Fully toleranced, color 3-D isometric graphics are shown throughout in functional assemblies to illustrate actual on-the-job applications.

Book Information

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Customer Reviews

I originally bought this book as a requirement for school, but 4 years later, I couldn't imagine having any other book by my side at work. The book is laid out in a very sensible manner where you progress from how geometric tolerances work and how they work together and ultimately leads to some extremely complex combinations of tolerances. My favorite part is that the pictures are very understandable, even to people who know no reason knowing anything about GD&T.TL;DR: Excellent tool for anyone in industry and should be available to ALL manufacturing engineers.

Great book. Good seller. The only problem that i had was the pages were falling off. Nothing that the seller did or knew about. No big deal tho, I cut the side off and punch the pages and put it into a 3 ring binder. Great book. Liked it better in the 3 ring binder anyways.

It starts out explaining very basic GD&T concepts and transitions nicely into advanced concepts. The trend in industry towards adopting profile tolerancing is rather apparent, but it might have been emphasized even a little more, in my opinion. There were a few illustrations that could probably be improved slightly for the next edition. But I can say without hesitation that this is the best book covering ASME Y14.5-2009 that I am aware of. If you have read this book and think you can recommend a better one covering this Standard, please add your review and recommendation.

This book breaks down the technicalities of GD&T into simple down to earth understanding.

FYI- The book does not include the solutions to the exercises. If you want to study on your own, the solution book can be purchased on the geotol website for another \$35.00.

Al and Scott are the experts in GD & T. Using this training manual with their on line course will benefit the student or experienced Engineer.

Caution, there seem to be short versions with only six chapters (paperback) -- most likely in the used section only (?). I didn't realize that it wasn't the full book until I ordered another one (\$90 directly from GeoTol.com). The real thing is a spiral bound with 17 chapters. I'd make sure to verify which version you're buying on . Also in light of the extremely high prices for new books which are multiples of the official price directly from the authors. (GeoTol.com)Anyway, as for the content: I am not a student anymore and have not been for many years. An abbreviated version won't do for me and I would rate the short version useful but not recommended for being significantly shorter than the original (same ISBN).Taking the full version, the color graphics and the teaching style make it easy to understand important relationships at the time the reader needs it. I fully recommend the full version albeit not for the \$200+ listed here. For a more reasonable price and the certainty to get the full text book I strongly suggest revisit this listing and until then to head to the author's website.

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