

Recent Advances in Deburring Technology

By

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Mr. Gillespie will blend his study of over 2,000 recent publications on deburring technology with his previous research and application of burr prevention, burr minimization, deburring, and deburring economics. This presentation is focused on **what engineers and shop owners can do in efforts to reduce deburring costs on challenging products**. This is a broad based presentation covering details of his work and others on over 126 different deburring processes, and to how to minimize burr issues.

LaRoux K. Gillespie is an international consultant on deburring and burr technology, having spent 40 years as a manufacturing engineer and manager in a high precision metal, plastics and electronics facility. He has written over 146 reports and articles and 14 books on deburring alone, as well as many on broader manufacturing topics. His work involves products with tolerances in the millionths of an inch, miniature features, and inspection at 30X magnification as well as more typical products. He has bachelor and master's degrees in Mechanical Engineering from the University of Kansas, a Master's degree in Manufacturing Engineering from Utah State University, a Doctor of Engineering degree from Meiji University (Japan) and an honorary Doctorate from Don State Technical University (Russia), the latter three based on his deburring research and application.