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1 DAY TOLERANCE ANALYSIS TRAINING COURSE

Aim: To enable design engineers to calculate the optimal tolerance specifications in order to achieve the desired fit, form and function.

Objectives: after the course, candidates will be able to

- Demonstrate a clear understanding of the role and purpose of dimensioning and tolerancing in the modern manufacturing environment
- Produce a detailed analysis of any tolerance chain (stack-up)
- Define upper and lower specification limits that satisfy the requirements of fit, form and function
- Identify potential risks created by out-of-spec components
- Show which dimensions have the most significant effect and hence need the most control
- Review specifications and perform detailed checking
- Present clear options on how to optimise any tolerance chain.

Pre-requisites:

- Maximum of 12 candidates.

Free-issue tolerance analysis template included

(see website to view latest specimen)