

### ASME Y14.5-2009 Update Seminar Outline

- The Basis for Change: Improvements to the ASME Y14.5M-1994 Standard
- Engineering Drawing, Annotated Model, and Technical Product Definition Philosophy
- General Philosophy of the New Standard
- Discussion of Changes to Body of Standard
  - What's New and What Changed
  - Improvements
  - Additions and Deletions
  - New Structure
  - New Terms and Definitions
  - New Symbols
  - New Tools
  - New Rules
  - New and Expanded Feature Types
  - New Techniques and Approaches
- Discussion of Changes to Each Section
  - Section 1: Dimensioning
  - Section 2: Tolerancing
  - Section 3: Symbology
  - Section 4: Datum Reference Frames (Extensive)
  - Section 5: Form
  - Section 6: Orientation
  - Section 7: Location
  - Section 8: Profile
  - Section 9: Runout
- Examples
- Applications
- Alternate Methods
- Pros and Cons, Hits and Misses
- Reasons to Adopt and Implement the 2009 Standard
- Items That Still Need Improvement
- Implications on 3D Model-Based Techniques
- Implications on Design and Downstream Processes
- Conclusion

