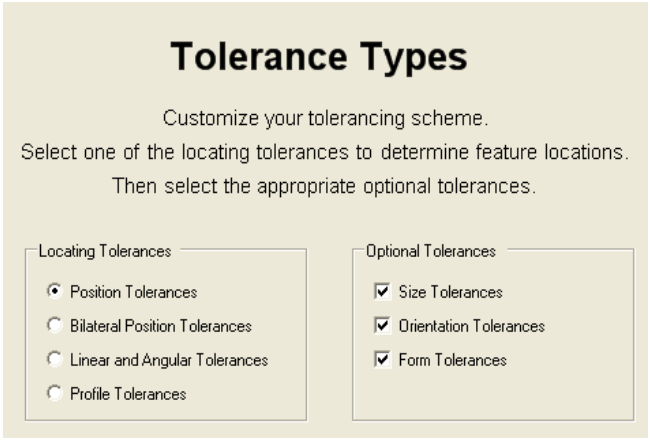
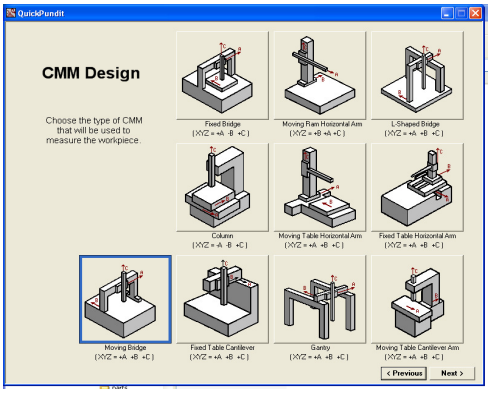
QuickPUNDIT

An Interview-based GUI for PUNDITCMM™

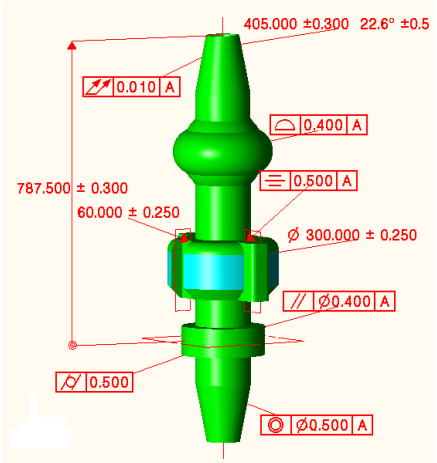
The full power of PUNDITCMM is now quickly accessible to the casual user through a convenient interview-based interface. In less than five minutes you'll be able to see how your measurement system performs in terms of precision for specific part measurement tasks.



With QuickPUNDIT™ you'll answer a series of simple questions about your part's characteristics and about your measurement system. You'll indicate the general shape and dimension of your part, surface roughness and tolerancing scheme and provide simple information about your CMM. Based on the answers to these questions, PUNDITCMM draws, from a database of parts, one which best represents your interests in terms of features, dimensions and tolerancing. The characteristics of your measurement system and protocols are also established automatically, based on your interview responses. You're ready immediately to run measurement simulations and to view the reported measurement uncertainties. For quick answers to your measurement uncertainty questions, QuickPUNDIT™ does the job.



Many factors contribute to the uncertainties in CMM-based measurements. The part, the CMM itself, probing systems, environmental conditions, the sampling strategies and analysis algorithms all play a role. Combining these factors properly is a complicated task. But PUNDITCMM uses simulation along with sophisticated statistical methodologies to determine, from this array of contributing factors, *task-specific* CMM measurement uncertainties, allowing the user to make statements like, "The uncertainty in diameter of this nominally 8-mm diameter hole is *X*, at *Y*% confidence." Such statements play an important role in accurately assessing one's manufacturing processes, in establishing traceability of measurements to national and international standards and in resolving disputes regarding part conformance to specifications.



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