Catia v5 machining tutorial pdf

Do not use the speeds, feeds, or tool stopovers presented for any other material except wax. Assembly Design: Assemble parts together with Always be sure the machine parameters are set properly, otherwise you will get inaccurate output in the APT Advanced Machining (AMG) workbench easily generates high quality NC programs for machining complex 3D parts and free form shapes. Sketcher: Create 2D profiles with associated constraints, which is then used to create other 3D geometry. Create an assembly (CATIA Product) containing the parts. Complementary to other V5 Machining solutions, this product brings new functionalities in processes in CATIA. In this tutorial you will: Model the four CATIA parts required. This will have the machine set up. The following workbenches are the Select OK when done. The following workbenches are the commonly used: Part Design: Design parts using a solid modeling approach. The next important step is to define the location of the Machining Axis 2 Select the macro type (Approach, Retract)Select a mode between a predefined macro or a macro Build by userSelect the point where Cutter compensation must be inserted in the macro pathClick icon 'Add PP word list' or use 'PPword list' with the contextual menu on this point Each workbench contains a set of tools that is dedicated to perform a specific task. AMG is beneficial to machine 2 Select the macro type (Approach, Retract)Select a mode between a predefined macro or a macro Build by userSelect the point where Cutter compensation must be 2 Overview of this Tutorial. Please note that this code is designed to be machined into wax. This will have the machine set up. Constrain the assembly in Advanced Machining easily defines NC programs dedicated to machining complex 3D parts (aerospace, hydraulic, turbo-machinery, and so on) within a single workbench including toaxis machining technologies. The accompanying CATPart can be found in the same location as this tutorial. Always be sure the machine parameters are set properly, otherwise you will get inaccurate output in the APT generator, and thus you will get incorrect output in the final machine code. CATIA V5RFundamentals The Workbench Concept Each workbench contains a set of tools that is dedicated to perform a specific task. I. Create the Stock A. Open CATIA V5 B. Open the "Part Design" Workbench Select OK when done.

Difficulté Difficile	Durée 364 minute(s)	Catégories Décoration, Électronique, Jeux & Loisirs
Coût 85 EUR (€)		

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Commentaires

Matériaux

Outils

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