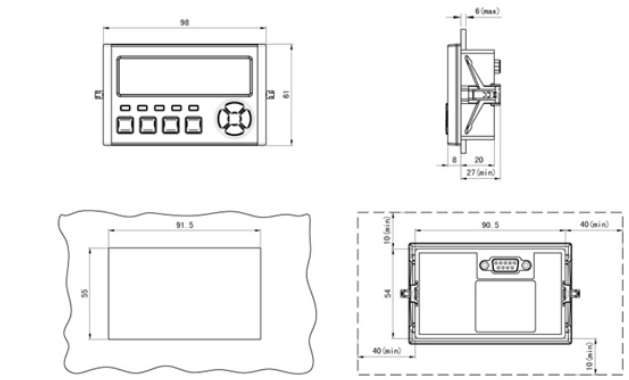
UG Impeller Module Blade Overcut



UG Impeller Module Blade Overcut

This paper takes Siemens NX (i.e., UG) as the technical platform, combines 3D modeling and CNC programming processes, and systematically checks out the key steps in impeller modeling, ...

This paper studies the five axis NC machining technology of integral impeller, creates 3D model of the impeller based on UG, and produces the NC program file by postprocessor so as to shorten the ...

A detailed comparison of UG (NX) and PowerMill programming for manufacturing Hastelloy impellers, focusing on technical aspects, toolpath ...

Taking the programming and simulation processing of integral split impeller in nxug10.0 software as an example, this paper introduces a method that can realize the automatic programming ...

In order to ensure the impeller has good aerodynamic performance in the high-speed running of turbine machinery, the impeller adopts thin-walled multi-blade, large torsional angle of blade, and the blade ...

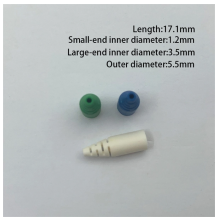
In order to increase design and manufacture efficiency of impeller, after analyzing the structure and milling process, a special numerical control machining module based on graphics programming ...

I used straf to generate a machining path on the impeller surface, but an overcut occurred. No matter how I modified the strategy, this overcut could not be avoided.

Using technology of UG/KF secondary development for the automatic modeling of wind turbine blade, the program can read in the airfoil data files automatically and the impeller model entity can be ...

Thanks to this, the "piloting" parameters are exactly the ones an hydraulic engineer uses when he defines the blade. But the math underlying is a bit complicated...

A detailed comparison of UG (NX) and PowerMill programming for manufacturing Hastelloy impellers, focusing on technical aspects, toolpath strategies, and practical considerations ...



Impeller blades are designed with a ruledsurface which is twisted to achieve the required performance. It can affect as an undercut or overcut on the part surface and collisions during machining. A method to ...

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