

A Better Way to Configure...
...the Only Way to Design.



Case Study:

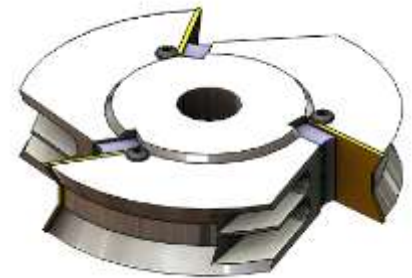
Product: Tight tolerance precision based fixed and insert tooling.

Problem: Deliver quoting and manufacturing of multi-profile insert shaper cutter tooling to meet customer cutting and shaping needs on a tight timeline.

Solution: Use Genus Designer to find the best design and to configure an accurate 3D CAD model to drive drawing creation and costing.

Benefits

- ✓ Offers choice among all feasible alternatives
- ✓ Designed from customer supplied 2D profile
- ✓ Quote is fast and accurate



H3D offers custom insert cutters for its customers. There is always more than one way to solve a specific problem. The best way depends on factors such as stock part and material availability, customer lead time and machine tool availability. The design is largely driven by the profile of the cutter, which is only entered at run time.

Genus Designer brings two capabilities to the H3D application that makes it uniquely able to handle the problem.

Since Genus Designer is a true design system, it is able to explore the design space to generate the full set of valid alternatives from which H3D's designer can choose the most appropriate design.

Because Designer's configurator is generative, it is able to compose the requisite parts and create features in response to the insert profile entered.



Engineering Design Automation

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