"Anything and Everything" Promise Spells Trouble for Vacuum Maker

Here's How a Hartford Solution Helped a Customer Keep His Promise

A well-known manufacturer of residential vacuum cleaners contacted Hartford with an application problem. Customers of one of their best-selling vacuum cleaners were seeing rust on chrome steel bearings in the beater bar mechanism. These vacuum cleaners were never designed to pick up wet material, however, advertising materials claimed they could "vacuum up anything and everything" and they needed a solution that would support that promise.

Hartford's first recommendation was an all stainless steel bearing. It was, however, cost-prohibitive for this line of moderately-priced vacuum cleaners. A solution was needed that would minimize both rust – and cost. After extensive testing to ensure rusting would not be an issue, Hartford supplied a cost-effective bearing with zinc-plated steel races and stainless steel rolling elements – at a significant savings over the all-stainless steel bearing.

Solving customer problems quickly, and effectively is what Hartford does best. We understand your needs, and the importance of consistent high quality and fast response. Tell us what you're working on. And let Hartford find a solution. For more on Hartford Custom Bearings, see www.hartfordtechnologies.com/custom-bearings.htm

RAPID PROTOTYPING

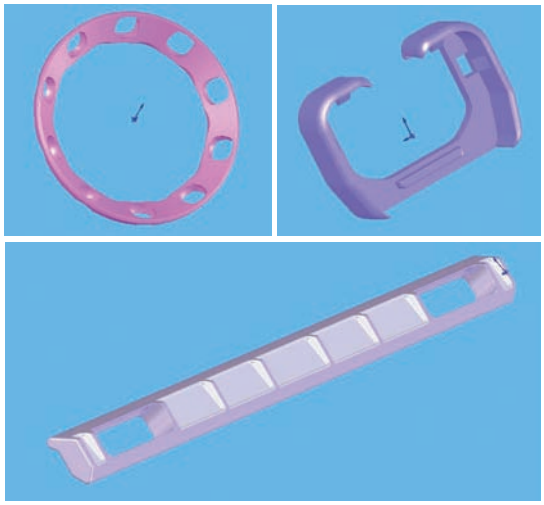
Hartford Technologies is known for its rapid prototyping, and rapid production services. Functional parts, prototype injection mold tooling or machined parts are produced in a variety of plastic and metal materials on a fast-track basis.

So, How "Rapid" Is "Rapid?"

With our SolidWorks CAD software, engineering data is translated directly to the machining or SLA technology. SLA – Stereolithography – uses photosensitive, laser-cured resins to trace the parts' cross-sectional geometry, layer by layer. This produces a precise representation of the CAD model, saving time and steps, and making collaboration – and consensus – simpler.

Hartford Technologies' rapid prototyping technology reduces the lead times normally required to obtain production parts to as little as 12 working days, giving Hartford customers a meaningful competitive edge they can take to the bank.

For more on Rapid Prototyping for bearings, see . . .
www.hartfordtechnologies.com/rapid-prototyping-bearings.htm



HARTFORD TECHNOLOGIES

www.hartfordtechnologies.com
1022 Elm Street • Rocky Hill, CT 06067 • Phone: 860.571.3602 • Fax: 860.571.3604