

Customer Saves Time & Money by Switching to Permanent Mold



A CASE STUDY

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The Customer

This worldwide multi-billion dollar company in the food and beverage industry was looking to improve a part used to serve customers at over 30 thousand locations.

The Challenge

This part was originally manufactured as **welded fabrication** of individually machined parts. The customer needed a supplier who could cut costs, save time, and produce a stronger part.

The Solution

We turned this part into a single casting with one machining operation on a 4-axis CNC horizontal mill, making the manufacturing process more efficient.

The Outcome

The single casting made the part more **structurally sound** and **repeatable** than the welded fabrication.

While the customer received a **higher quality** product, the product became **cheaper** to manufacture, saving the customer money. Therefore, the customer quickly saw a **return on investment** on their tooling costs.

The part became more **efficient** to manufacture and less labor intensive by forgoing welding and individual machining operations.