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Metalworking Case Study
Cost Savings

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DOCUMENTED COST SAVINGS JUNE 2025: **\$36,327.78**PRODUCT CATEGORY: **Cost Savings**

CUSTOMER PROFILE

This manufacturer has been a long-time partner with Stellar Industrial Supply, with a relationship dating back to the early 2000s. Operating in the automotive sector, they are known for their high-precision machining processes and reliance on premium cutting tools.

THE OPPORTUNITY

The customer routinely uses high-cost PCD (polycrystalline diamond) tooling in their operations. Stellar identified that rather than discarding worn tools, these tools could be repaired and reused—a significant cost-saving measure. Observing this potential while visiting the facility, Stellar proposed a repair program that would extend the life of each tool and reduce the frequency of full replacements.

SOLUTION

Stellar implemented an ongoing repair program for the customer's PCD tooling. Instead of purchasing new tools for every replacement, tools are now regularly collected, repaired, and returned—similar to refilling a mechanical pencil rather than buying a new one each time. In addition to product savings, regular on-site visits helped minimize freight costs through bundled deliveries and local support.

RESULT

The program generated \$36,327.78 in documented cost savings in just one month (June 2025). This includes significant reductions in tooling replacement costs as well as ongoing freight savings. The repair model continues to run indefinitely, offering sustained savings and operational efficiency.

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