

20

26

Metalworking Case Study
Colt Services
Lower Product Cost, Extended Tool Life

Metalworking Case Study DOCUMENTED COST SAVINGS: **\$13,321.80/Annually**



PRODUCT CATEGORY: **Cutting Tools**

REALIZED: **Lower Cost & Extended Tool Life**

SUPPLY PARTNER:



CUSTOMER PROFILE

Colt Services has been a Stellar Industrial Supply customer for over six years, supporting machining operations across multiple locations. As production shifted from their shop east of Billings to their primary headquarters in Texas, Stellar continued supporting their tooling needs through regular on-site engagement and ongoing technical collaboration.

THE OPPORTUNITY

During a routine on-site visit, Stellar identified an opportunity to reduce tooling costs and improve machining efficiency within Colt Services' machine shop. The customer was experiencing higher-than-necessary insert costs and limited tool life, creating an opportunity to introduce an alternative solution that could improve performance while reducing overall spend.

SOLUTION

Stellar recommended converting from a Sandvik CNMG insert to a Kyocera CNMG insert with a significantly lower cost per insert and extended tool life. In addition to the product conversion, Stellar provided optimized feeds and speeds to ensure the inserts performed as intended. This approach reduced cycle times, improved consistency, and maximized tool life, enabling the customer to fully realize the cost-saving potential of the change.

RESULT

The insert conversion delivered \$13,321.80 in documented annual savings, driven by a four-times increase in tool life and a substantial reduction in cost per insert. This success has become an ongoing process as production continues at the customer's Texas facility, reinforcing Stellar's role as a trusted partner in driving continuous improvement through technical expertise and proactive on-site support.

"We appreciate Stellar bringing Kyocera this opportunity. They introduced us to the shop and pointed out some areas where the customer needed some improvements made. We were able to make suggestions and hand out test inserts on the spot. In this case the customer was turning 4340 Steel. Kyocera's CA125P & CA115P grades is what we landed on. With the teamwork of Kyocera and Stellar, the customer was extremely happy with the drastic improvements. Looking forward to many more wins together."

- Dan Burkett – Clark Manufacturers Service



20

26

Metalworking Case Study
Colt Services
Lower Product Cost, Longer Product Life

STELLAR

Tacoma - HQ

711 E 11th Street
Tacoma, WA 98421
(253) 383-2700

Spokane

2501 N. Farr Lane
Spokane Valley, WA 99206
(509) 532-9100

Everett

1106 Shuksan Way
Everett, WA 98203
(425) 259-9241

Portland

12831 NE Whitaker Way
Portland, OR 97230
(503) 253-3100

Albany

1128 S. Commercial Way SE
Albany, OR 97322
(541) 967-8500

Atlantic City

10 Canale Drive
Egg Harbor Township, NJ 08234
(813) 885-2343

Billings

2504 Overland Avenue
Billings, MT 59102
(406) 896-0066

Denver

9250 Bruin Blvd Ste C
Longmont, CO 890504
(303) 424-4280

Eagan

2930 Waters Rd Ste 200
Eagan, MN 55121
(877)646-4800

Knoxville

3002 Industrial Pkwy W
Knoxville, TN 37921
(800) 232-9366

Memphis

3310 Commercial Parkway
Memphis, TN 38116
(901) 345-6001

Phoenix

1819 W 3rd Street
Tempe, AZ 85281
(480) 550-3675

Pittsburgh

1 Park Drive
Lawrence, PA 15055
(724) 743-2540

San Luis Obispo

755 Fiero Lane, Suite D
San Luis Obispo, CA 93401
(805) 543-5177

Sparks

955 S. McCarran Blvd. Suite 102
Sparks, NV 89431-6329
(775) 331-4370

Tampa

7020 Anderson Road
Tampa, FL 33634
(813) 885-2343

Upland

2022 W 11th Street
Upland, CA 91786
(909) 946-8039



(800) 562-8258

Sustaining win-win partnerships for Stellar value.

STELLARINDUSTRIAL.COM