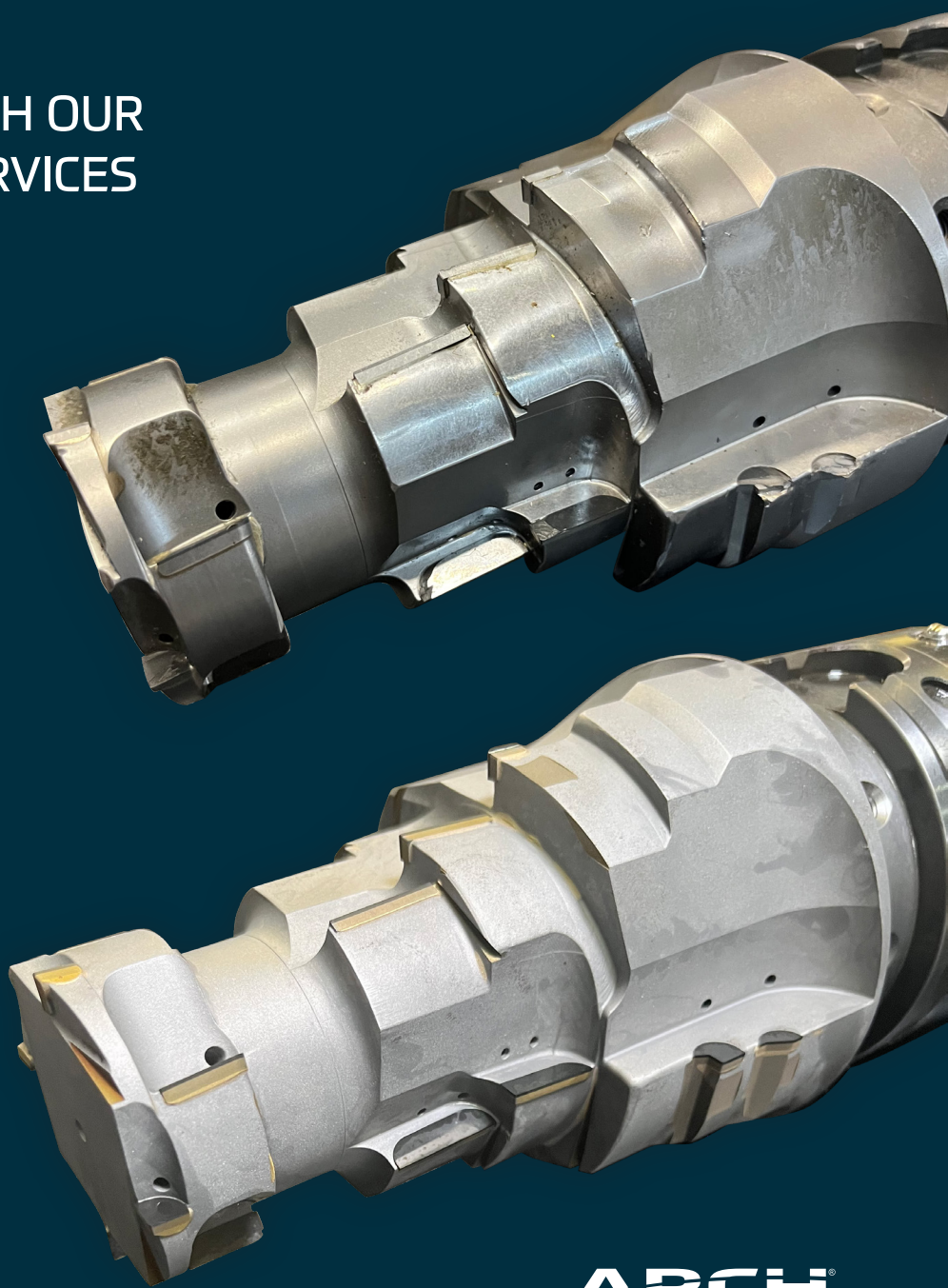




RECON360

SAVE UP TO 50% WITH OUR
RECONDITIONING SERVICES



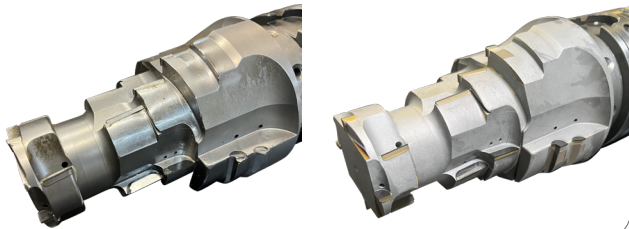
ARCH[®]
Cutting Tools

REDUCE. REUSE. RECON360.

Minimize costs and waste by restoring worn down solid round and indexable tooling to like-new. RECON360 is our reconditioning service that reduces end-user tooling costs by up to 50% while simultaneously increasing the manufacturing sector's utilization of raw materials.

RETIP

Braze new carbide, CBN, PCD, or ceramic edge on inserts & round tools



REPAIR

Restore damaged areas of indexable cutting tool bodies to like new condition



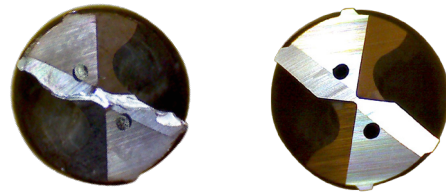
RECONDITION

Replicate the original geometry of solid round tools farther down the shank



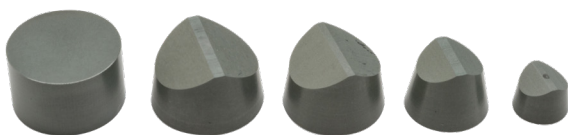
REGRIND

Clean-up worn areas on inserts, indexables and solid round tools by regrinding



RESIZE

Grind inserts or solid round tools down for use in a different size, shape or application



RECOAT

Strip and reapply coating to tools to increase tool life, improve process security, and reduce friction



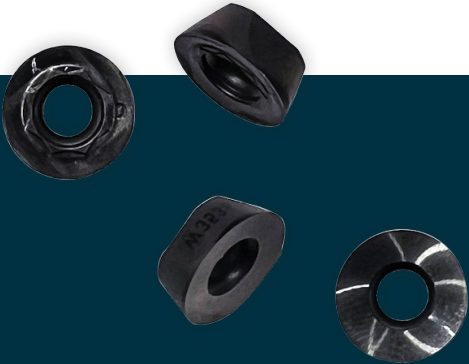


CUSTOM SOLID CARBIDE TAPERED BALL NOSE END MILL WITH REOCCURRING RE-MANUFACTURING PROGRAM

We designed this Custom Solid Carbide Tapered Ball Nose End Mill for a medical end-user with a cobalt chrome and titanium-based alloy application. Its +/- 0.0005 precision tolerance radius and TIR of less than 0.0002 can be remanufactured several times, resulting in savings of over \$200k annually for over 5 years running the tool.

CARBIDE ROMX 1204 BUTTON STYLE INSERTS

Our team reground and recoated these Carbide ROMX 1204 Button Style Inserts - commonly used for milling Inconel, Titanium, Hastelloy, and Stainless in turbine blades and vanes - using a specialized process that maintains edge strength while improving the quality of the cutting edge. The result? Increased speed and feeds, parts per hour, and tool life.



REGROUND FOUR FLUTE SOLID CARBIDE BALL NOSE END MILL

We reground and honed the used cutting edge of this Four Flute Solid Carbide Ball Nose End Mill. It headed to our coating department before being quickly shipped back to an end-user in the medical industry, where it's used for a titanium application.

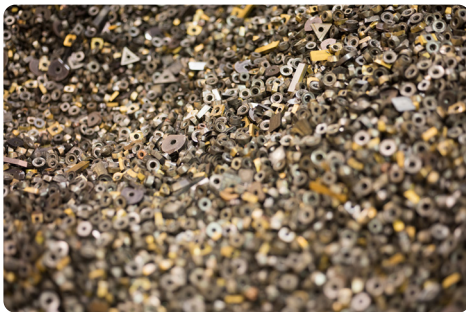
INSERT SERVICES

ARCH Cutting Tools tailors a regrind and recycle program for each customer. This allows the customer to maximize cost savings through regrinding or resizing used inserts to extend tool life and create additional uses.



Tool cost of ARCH Cutting Tools' regrind and resize programs can equate to savings of up to 70% of a new insert additionally regrinds provide 25% better tool life compared to a new insert.

REGRIND, RESIZE, AND RECYCLE PROCESS



STEP 1

Send us your scrap to our Orchard Park facility.



STEP 2

Our team will sort and categorize based on pre-approved criteria. Based on this our technical team will present you with cost savings ideas.



STEP 3

The regrind candidates will be cleaned, inspected, cleaned, counted, and inventoried.



STEP 4

The customer is issued a credit invoice summarizing a complete account of the scrap shipped to ARCH Cutting Tools.

V. 2.1.1