

# Waterjet Coating Removal

## Finally! Consistent Coating Removal On Combustion Components



Springfield's multi-axis waterjet system removes ALL types of coatings and environmental distress:

- All TBC's
- Bond coats; APS & HVOF
- Tenacious oxides
- Complex spinels
- Depleted parent metal
- Minimal (<0.003") base metal removal

Springfield's "hybrid" process fully cleans the part *where you need it* and *to the required depth* so that the part is ready for the next repair process...and does so with fast turnaround time, reasonable price and superior process quality.

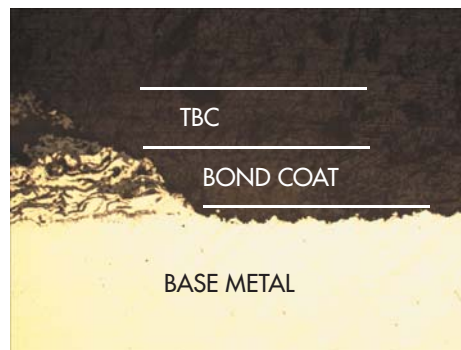
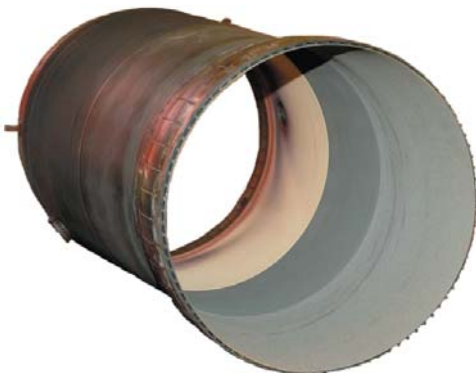
Let us demonstrate how we are fully adaptable to your specific repair needs.

## An Exceptional Process...From Start to Finish

CAN REMOVE TBC OR  
TBC AND BOND COAT

TYPICAL CROSS SECTION

TRANSITIONS



## COATING REMOVAL COMPARISON (Waterjet Process vs. Acid)



	Waterjet Process	Acid
Removes oxides/non-metallics	YES	No
Capable of single part flow	YES	No
Produces clean surface	YES	No
Process is stable	YES	No
Can be fully automated CNC system	YES	No
Damages part	NO	Yes
Requires masking	NO	Yes
Produces pollutants/toxic waste	NO	Yes
Requires site license	NO	Yes
Differential attack at bi-metal & braze joint	NO	Yes
Results in IGA pitting	NO	Yes

Want to see the difference?  
Call Today!  
803-222-9600



Machine tool precision  
Removes ALL coating – No base metal damage

COMBUSTION LINER BEING PROCESSED