

APPLICATION NEWS- Proven applications for the Wet Tech process

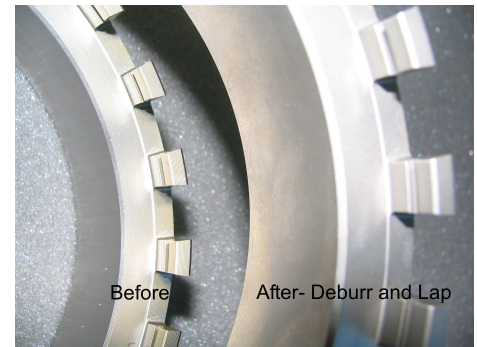
Bulletin 803

Parts: Weapons machined parts – Deburring, Blending AND Lapping

Description: Hardened metal parts with aggressive burrs require the use of aggressive abrasive slurry in the *Wet Tech Process*. The same process can also smooth the rough deburred surface.

Application A. Deburr difficult to access surfaces on firearms

The Wet Tech high volume slurry process uses a high concentration mixture of water and coarse abrasive delivered from a series of nozzles to flow over and through the part. The first pass over the part uses high assisted air pressure to accelerate the slurry. This method can wear or knock off the burr. In the next pass, the pressure is reduced, allowing the slurry to buff, lap, or smooth the just deburred finish.



Application B. Blend machining marks

Utilizing either round or angular media at higher assisted air pressures, machine marks such as swirls can be blended. In the second pass, the surface can be polished with the same slurry.

Advantages:

- **Quality** of the finish can be strictly controlled
- The water/abrasive mixture cushions the process and **Eliminates Embedded Abrasive.**
- The **Wet Tech Process** is **Dust Free**- equipment can be installed in a clean environment.
- **Blast, Rinse, Dry** parts in **One System**
- The **Wet Tech Process** is **Closed Loop**, nothing goes down the drain!



REPLACES Dry Blast or hand deburring along with **Vibratory Finishing Equipment**, while able to get into tight corners and through holes.

Savings: Multiple steps and handling.

Equipment: All stainless construction, Rotary, Batch Loaded, In-Line, Manual and Semi-Automated, depending on production rates and budget. We can perform part testing in our lab or through our local distributor.



High Volume Liquid Abrasive and High Pressure Water Surface Finishing Systems

1363-11 LINCOLN AVENUE, HOLBROOK, NEW YORK 11741 / 631-285-7285 / FAX: 631-285-7288

www.wettechnologies.com / E- mail: info@wettechnologies.com (patents applied for)