

# Field Test Results

Our expert computer-controlled patented systems which enable **CONSISTENCY AND MAXIMIZED GAIN** in the following areas:

Reduced:

ABRASIVE WEAR- CORROSIVE WEAR- EROSIVE WEAR - DISTORTION

Increased:

STRESS RELIEF - STABILIZATION- MACHINABILITY

Significantly Increased:

USEFUL LIFE

<u>Tool Type</u>	<u>Company</u>	<u>Tool Material</u>	<u>Results</u>
Drills	Aircraft Manufacturer	M42,M7,C2	300%
Milling	Aircraft Manufacturer	M7	250%
Deburring	University Study	Inconol	400%
Gear Cutter	Major Manufacturer	Ti-N Coated	350%
Broach	Metal Milling Co.	Carbide	300%
Punching	Major Manufacturer	M7	600%
End Mill	Aerospace Mfg.	M42	450%
Hob	Turbine Manufacturer	M2 -M7	300%
Face Mill	Aerospace	C2 carbide	400%
Key Cutter	Aircraft Manufacturer	M2-M7	250%
Slicer	Plastics Manufacturer	M7	600%
Chipper	Box Manufacturer	Carbide	500%
Shredder	Paper Manufacturer	M7	400%
Tap	Tool Maker	C2 Carbide	600%
Die	Casting Company	Hi Ni Alloy	300%
Dentistry	Dentist	400 Stainless	500%
Broach	Auto Manufacturer	Hi Nickel	250%
Logging	Logging Company	Saw Chain	400%
Milling	Machine Shop	347 Stainless	375%
Woodcutting	Pro Woodworker	HSS	500%
Stamping Die	Steel Furniture	D2	1000%
CORROSION	University study	S2,M2,4142,316	Reduced all corrosion
MACHINABILITY	Machine Shop	Thin wall aluminum casting	50% time savings
Electrode	7 studies	Welding	600% Average