



Cutting Edge Precision
Laser Focused

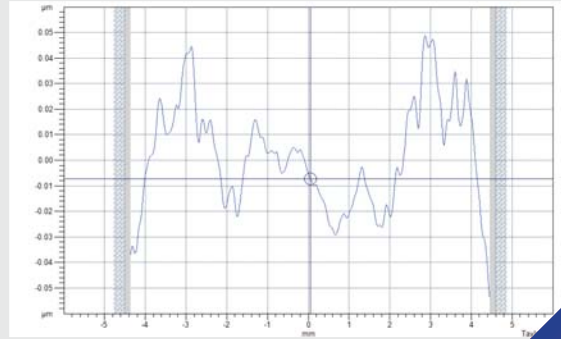
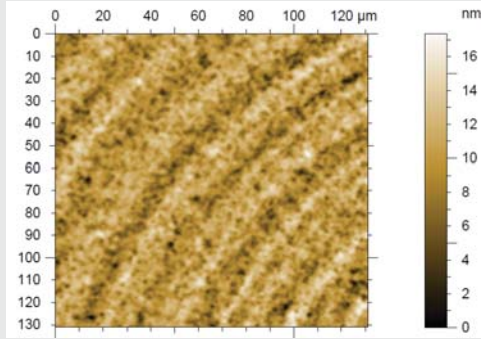
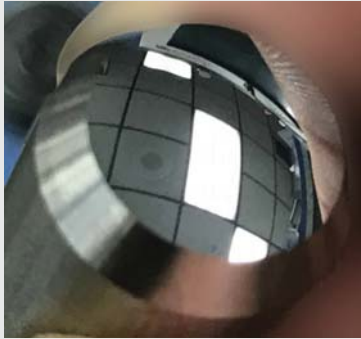


Laser Assisted Machining of Tungsten Carbide

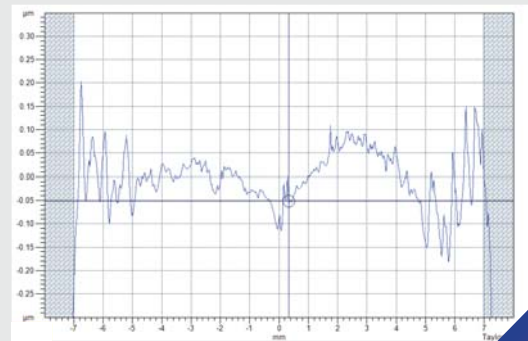
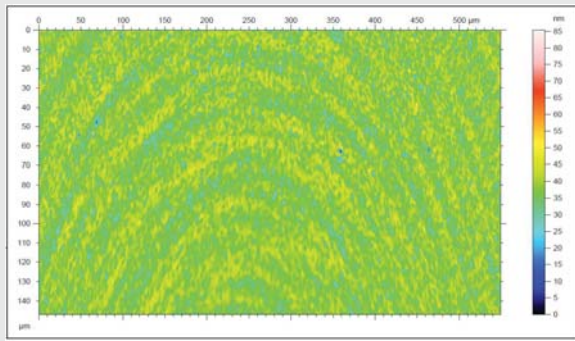
Diamond turn tungsten carbide like never before.



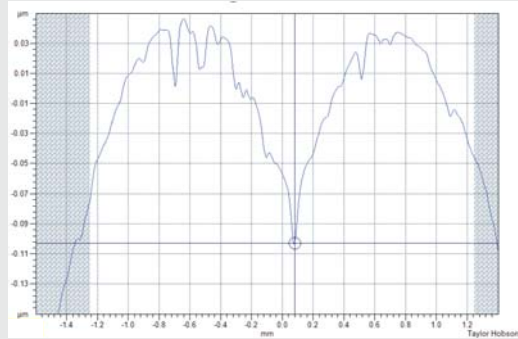
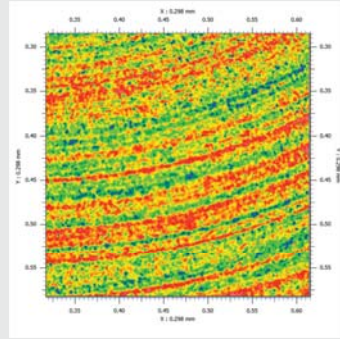
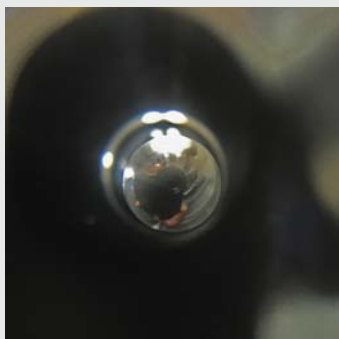
Standard C2 Grade (6-10% Cobalt)



High Grade - Deep Sag Mold (<2% Cobalt)

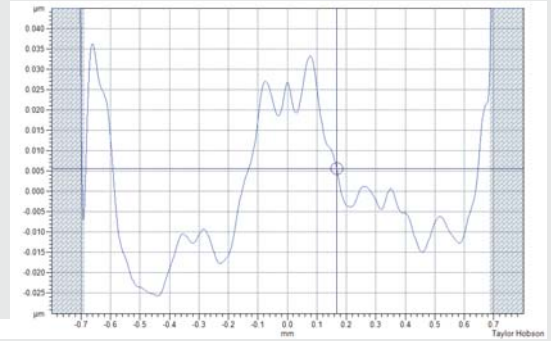
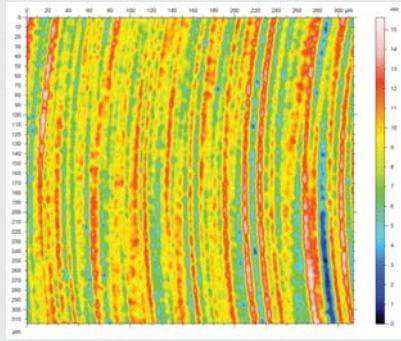


High Grade - Small Mold Pin (<2% Cobalt)

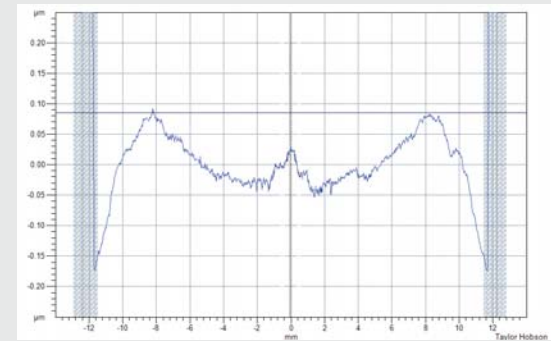
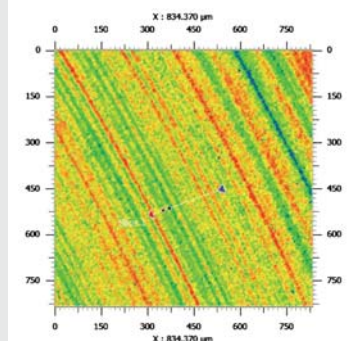




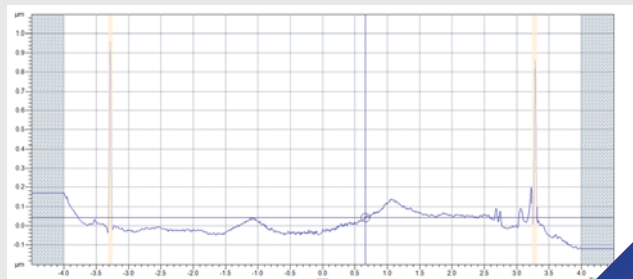
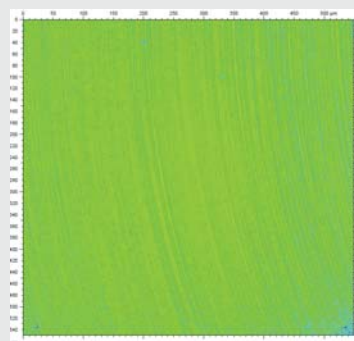
High Grade - Binderless Mold (<1% Cobalt)



High Grade - Large Radius Mold (<2% Cobalt)

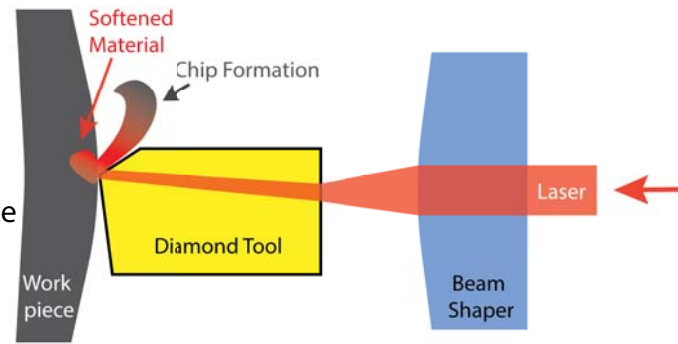


High Grade - Binderless Diffractive Mold (<2% Cobalt)

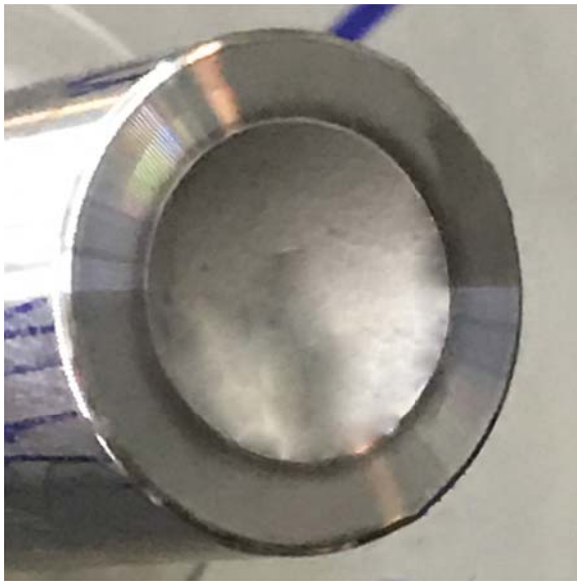


The Patented Solution

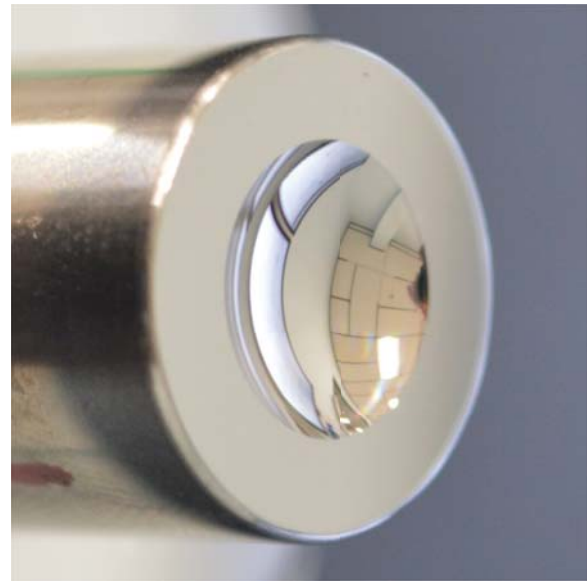
- ◆ Issued patent with over twenty claims
- ◆ Innovative solution proven through extensive research & development
- ◆ Laser delivered precisely at tool-workpiece interface
- ◆ The laser passes through an optically transparent diamond tool



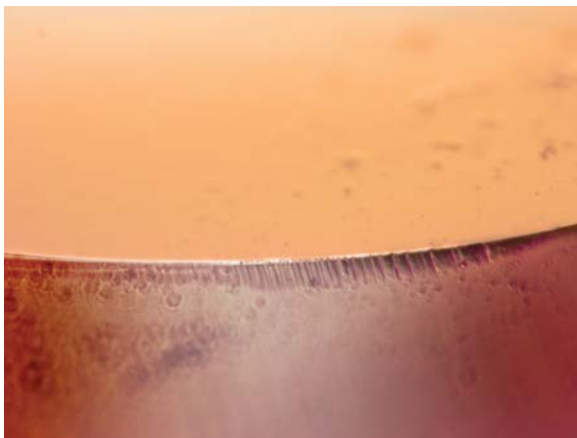
Tool Wear Comparison



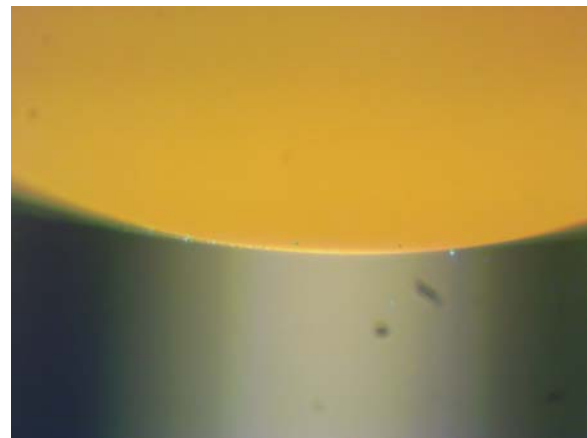
Conventional



Micro-LAM



200X (1 pass)



200X (5 passes)