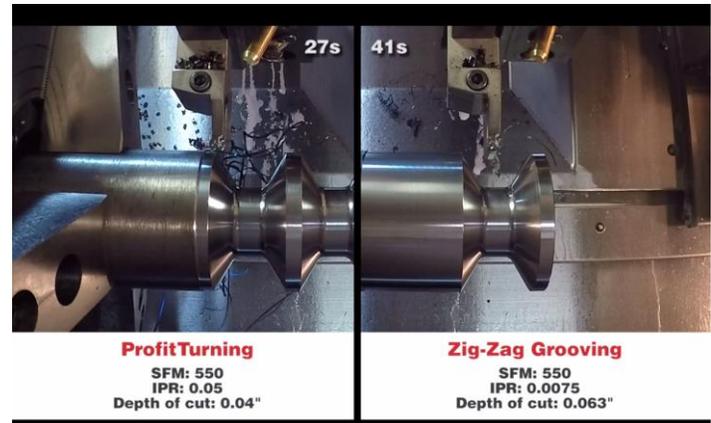


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Cycle time reduced from 41 seconds to 22 seconds.

ProfitTurning™ - The cutting edge of tomorrow's CAD/CAM software

Camarillo, CA, September 12, 2016 – **ProfitTurning™**, releases in the latest version of the ESPRIT CAM software, represents years of ground-breaking research. A lathe roughing strategy that significantly reduces machine cycle time, ProfitTurning™ has hurdled a grueling series of tests, delivering a performance that promises to take machinists, engineers and industrialists to greater levels of precision, quality control and productivity.

ProfitTurning™ is a high-speed lathe roughing strategy developed by DP Technology Corp. for OD/ID/face cutting and other tasks. Fast, secure and efficient, it also extends tool life by significantly minimizing wear. Compared to conventional ramping methods, ProfitTurning™ reduces machine cycle time as well as the frequency tooling inserts need to be replaced.

DP Technology's R&D Director of Product and Engineering Ivan Kristic reveals the science behind ProfitTurning™'s performance:

"ESPRIT 2016's ProfitTurning™ toolpath maintains consistent cutting forces and chip loads, allowing cutting speeds to be significantly increased. By employing trochoidal turning and controlled engagement techniques, the ProfitTurning™ toolpath also reduces vibration and residual stresses, which in turn makes it particularly well-suited to thin walls or hard materials, especially super alloys. The net result is significantly reduced cycle times and maximized productivity."

Physics-Based Cutting Engine

ESPRIT 2016 uses a physics-based cutting engine which provides the foundation for the technologies such as ProfitTurning™.

While traditional cutting strategies consider only the geometry of materials, ESPRIT 2016 taps deeper into the science of how different industrial materials can be cut in the most efficient ways possible. Its new toolpath technology uses the principles of physics to formulate unique strategies for each cutting challenge.

To do that, ESPRIT 2016 inputs all relevant factors in the toolpath algorithm such as tool material, tool shape, workpiece material, tool speed, feed rate, chip deforming, chip load, machine tool power, acceleration and deceleration. This helps establish complete control of the cutting environment, allowing for optimal cutting everywhere along the toolpath.

For more details about this new technology, please read the ESPRIT 2016 ProfitTurning™ White Paper available at www.espritcham.com.

About ESPRIT

ESPRIT is a global leader in high-performance computer-aided manufacturing (CAM) software. ESPRIT is a cloud-enabled CAD/CAM software compatible with a full range of machine tool applications in a wide array of industries. ESPRIT delivers powerful full-spectrum programming for 2-5 axis milling, 2-22 axis turning, wire EDM, multitasking, mill-turn, Swiss-turn and B-axis machine tools, and high-speed 3 and 5-axis machining. Offering factory certified post processors, accurate G-code, and world-class customer support ESPRIT is the ultimate machine tool solution.

About DP Technology Corp.

DP Technology Corp., maker of ESPRIT CAD/CAM software, maintains its worldwide headquarters in Camarillo, California, and product development teams in California, Florence, Italy, and Berlin, Germany. Sales and support operations are located in Europe, Asia, and North and South America.

For additional information about DP Technology and ESPRIT, call +1 805 388 6000, send an email to esprit@dpotechnology.com, or visit the company website at www.espritcham.com.