

# PROFILE:

## Tool & Gage Associates, Inc.

Milwaukee, Oregon

Jake Aasness, who runs programming and technical applications at Kline Oilfield Equipment, got an order for ball valves in 718 Inconel, a job Jake says "was an absolute nightmare every time." Even their new HEM software didn't help.

Then Jake tried an IMCO 3/8" 4-flute Everyday Advantage is this changing? end mill with AlTiN (Spector) coating. Running wet at 4,074 rpm and 50-60 ipm, it cut a 2½" diameter pocket .486" deep in one pass. Impressed, he recorded the tool running and posted it on YouTube.

***"If I hadn't run this myself, I would probably tell you it was impossible ..."***

*- Jake Aasness, Kline Oilfield Equipment*



Chris Cooper and Jake Aasness know a well-made cutting tool can make a HUGE difference.

## The results:

- Tool life in Inconel up 500% (< 1 part to 5).
- Cycle time in Inconel cut 86% (2 hrs. to 16 min.).
- Pocketed, finished corners and walls in 4140 HT in <3 min.



Scan this QR code to see Jake's video.



One IMCO Everyday Advantage end mill cut two of these Inconel parts (eight times faster than other "high-performance" cutters), then glided smoothly through 10+ parts in 4140 HT stainless.