

Innovate

VIDEO: SGS Series 33. A Three Flute End Mill Like No Other

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KYOCERA SGS Precision Tools put their *Series 33 high-performance end mill* to the test in a recent **Case Study**. The goals of this study were to significantly reduce job cost through the use of a higher quality end mill and to maximize tool life.

Series 33 tools are ideal for aggressive ramping, pocketing, and slotting in difficult-to-machine materials such as stainless steel. Designed for applications challenged by heavy chip evacuation, this 3-flute design offers increased chip clearance and a reduction in harmful harmonics. This led to the Series 33 producing a material removal rate almost three times higher than the competitor's tool.

The Series 33 end mill was able to complete the job using only 23 total tools while it took 140 of the competitor's tools to do the same. Download the complete Case Study [*here*](#). Watch the short video above to see its impressive capabilities (*music and captions only, no transcript*).

Previously Featured on KYOCERA SGS's YouTube channel.

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