



How-to

VIDEO: HOW TO Maximize Tooling Versatility

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Video Highlights

In this episode of MSC Industrial Supply's "How To" series, Jacob Sanchez visits the MSC Machining Research Laboratory, in partnership with the University of Tennessee's Tennessee Manufacturing and Design Enterprise. The focus? Unlocking how manufacturers can do more with less by maximizing tooling versatility.

Jacob is joined with Joshua Penney, Ph.D., Tyler Poon and metalworking experts Jay McCord and Mike Smith from Seco Tools as they demonstrate the next generation of the Seco Tools Duratomic® MP2500 insert, and the Octomill o6. This innovative indexable milling cutter body allows for multiple insert types—from moderate high-speed inserts to round inserts—to be used in the same body. Witness firsthand how this versatility tackles various operations, including roughing, semi-finishing, and finishing, all with a single tool.

See live demonstrations of the MP2500 in action, showcasing its performance on P20 tool steel and highlighting crucial aspects like chip formation, surface finishing, and spindle loading. Discover how an integrated wiper on the inserts can dramatically improve surface quality. This episode emphasizes how a single, versatile cutter can lead to significant capital investment savings and increased productivity for small to mid-sized businesses.

For even more insights and expertise, check out MSC's Better MRO Knowledge Hub.

"How To" is a video content series from MSC Industrial Supply developed with the purpose of serving as a resource for all those who work in, support, and have a passion for the metalworking sector of the manufacturing industry.

Through How To, you'll gain hands-on, practical advice from industry experts currently working in the field. At MSC, we are dedicated to providing real-world practical advice to improve your day-to-day operations.

For more How To videos, check out our MSC How To playlist and subscribe to our YouTube channel.

And check out our other show, Tooling Up, on the MSC Tooling Up playlist.

