

News Release

Issued by:



Seco's New Duratomic® Grade TP0500 Offers Unparalleled Wear Resistance in High Temp Applications

Troy, Mich., XXXXX, 2010 – Seco Tools Inc. has announced the availability of TP0500, its newest turning grade to feature one of the company's extremely wear-resistant Duratomic® coatings. The new grade is suited to a variety of steel machining operations with stable cutting conditions and where a lot of heat is generated. Applications that can make significant gains using TP0500 include those requiring high metal removal rates such as the machining of large components for the power generation segment or for high-speed, high productivity applications found in the highly competitive automotive sector.

"TP0500 is the champion for applications that demand heat and wear resistance," says Don Graham, Seco's Product Manager of Turning and Technical Education. "For significant tool life gain, it should be applied to operations with medium to high feed and depth of cut under stable conditions without any severe interruptions."

Benefits of the new grade include increased speed capability--even with a long time in cut, fewer machine offsets, longer times between insert indexes, and the ability to machine harder parts and to hold tighter tolerances.

The extreme wear-resistance of the TP0500 grade is due to its Duratomic coating in combination with a plastic-deformation resistant fine-grained substrate. Seco's proprietary Duratomic coatings have proven to be about 15% tougher and 10% harder than traditional coatings. In tests run under identical conditions, an insert coated with the Duratomic process runs cooler compared to an identical insert coated with a conventional aluminum oxide coating. This means less crater wear, less deformation of the cutting edge and longer tool life.

Grade TP0500 is offered in a complete range of chipbreaker geometries that includes negative inserts, positive inserts and high feed wiper inserts. In combination with Seco's existing Duratomic turning grade lineup of TP1500, TP2500, and TP3500, grade TP0500 extends the company's offering of peak performance tools for every steel turning operation.

To receive more information on Seco's line of Duratomic-coated turning inserts, visit TBD, where you can download a brochure.

Seco Tools Inc. is part of the Seco Tools AB global organization, a world leader in metalworking technologies, providing solutions for milling, turning, holmaking and threading applications. The company is committed to solving its customers' ever-increasing demands for greater productivity, quality and cost-effectiveness. Seco Tools Inc. offers its

full range of cutting tools and related technologies through a network of more than 250 authorized distributors in the United States, Canada and Mexico.

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CAPTION:

Seco's newest Duratomic turning grade TP0500 is the optimal choice for stable steel machining operations that generate a lot of heat.