

## Innovative Tooling Systems



EXSYS Tool, Inc. will display a variety of tooling system innovations for CNC turning centers in booth W-1664 at the International Manufacturing Technology Show (IMTS), taking place Sept. 10-15 at the McCormick Place in Chicago, Ill. Products to be highlighted include the company's PRECI-FLEX® modular toolholder system and specialized tooling such as a gear hobbing system as well as Double Square Shank and Quad Square Shank static toolholders.

The company's industry-leading PRECI-FLEX toolholder system is a fast, accurate and cost-effective solution for lathe tooling changeovers. It is the first system of its kind to have a single base holder and multiple tooling adapters that utilize the ER collet pocket. The PRECI-FLEX's compact design assures maximum torque transmission and rigidity, resulting in increased machining accuracy and improved productivity. Available in a range of sizes, PRECI-FLEX provides unsurpassed performance consistency, with every toolholder offering repeatability within five microns. The system also virtually eliminates machine downtime, and allows for the interchanging of tooling adapters between fixed and rotary base holders for fast, economical machining.

IMTS attendees will find EXSYS manufactures specialized tooling systems for use with various machine tool models and brands. One such system is a special compact gear hobber system that allows shops to generate splines, spur or helical gears in one operation. As an adjustable toolholding system, it eliminates having to rough gears on one machine, and then transfer them to another for gear hobbing. Built for heavy machining loads, the gear hobber system delivers 45 Nm of torque and speeds of up to 3,000 rpm for hobs or slotting saws up to 2.48" (63 mm) in diameter.

Designed to increase tool turret capacity, the EXSYS Double Square Shank and

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Quad Square Shank static specialized toolholders allow for having two or four inserts, as opposed to just one, in a single tool turret station. With multiple insert capability, different types of inserts can be located in the same station, saving time and money.

### **EXSYS Tool Inc.**

[www.exsys-tool.com](http://www.exsys-tool.com) [1]

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### **Links:**

[1] <http://www.exsys-tool.com/>