

\*\*\* FOR IMMEDIATE RELEASE \*\*\*

## Allied Machine Announces New Drilling System– T-A Pro



*The T-A Pro™ replaceable tip drilling system is designed to run at much higher speeds.*

**Dover, OH** - Allied Machine and Engineering proudly announces their revolutionary high-penetration drilling system, the T-A Pro.

This [replaceable tip \(a.k.a. spade\) drill](#) combines material-specific insert geometries, a redesigned drill body and a proprietary coolant-through system to allow penetration rates which run at speeds nearly 30% faster than other high performance drills on

the market. Four coolant outlets are designed to direct maximum flow to the cutting edge providing quick heat extraction where it is most critical - even at significantly higher speeds. Material-specific insert geometries produce impeccable chip formation and the drill body incorporates straight flutes redesigned for maximum coolant flow and excellent rigidity. These design elements combine to extend tool life, create consistent quality holes, and provide superior chip evacuation. As a result, the T-A Pro drill offers machine shops and high production manufacturers a spade drill with incredible speed and a cost per hole averaging 25% less than existing drills.

The [T-A Pro drilling system](#) will be available in diameters ranging from 0.4370" – 1.882" (11.1mm – 47.80mm) and is ideal for holes ranging in stub, 3xD, 5xD, 7xD, 10xD, 12xD, and 15xD depths. The drill will be stocked in both imperial and metric shanks, with flat

and cylindrical variants. The carbide insert geometries offered initially will cater to the following ISO material classes:

- Steel (P) with AM300 coating
- Cast iron (K), with TiAlN coating
- Non-ferrous (N) with TiCN coating

Product manager, Sal Deluca, states, “The T-A Pro drill is designed for use in applications ranging well beyond general purpose drilling. It truly will target all industries, offering phenomenal tool life at high penetration rates, especially in situations where the balance of chip formation at high penetration is critical.”

The T-A Pro drilling system will be available to order from Allied Machine’s distributor partners in October. For more information or to request a free demonstration please visit [www.alliedmachine.com/contact](http://www.alliedmachine.com/contact) or call 1 (330) 343-4283 to be connected with field support in your area.

###

### **About Allied Machine & Engineering:**

Allied Machine & Engineering is a leading manufacturer of holemaking and finishing tooling systems. Allied devotes its advanced engineering and manufacturing capabilities to creating the widest selection of value-added tooling available to metal-cutting industries around the world. Our tooling solutions deliver the lowest cost-per-hole in a wide range of drilling, reaming, threading, boring, and burnishing applications.

Located in Dover, Ohio, Allied’s precision holemaking technologies provide end users worldwide with the highest level of drill performance. Precision engineering and expert application support make Allied the first and best choice for solving complex metal-cutting challenges.