

high penetration drilling
SOLUTIONS

www.alliedmachine.com

T-A Pro[®] Drill

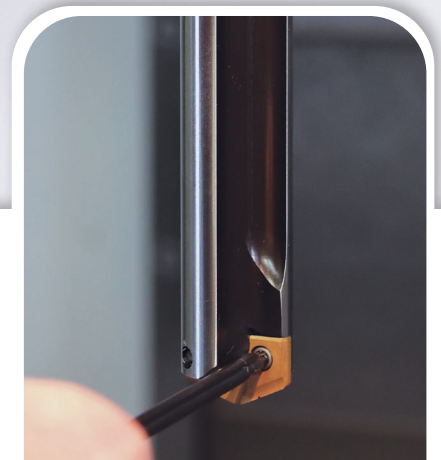
Ø 0.3739" - 1.8820" (9.50 mm - 47.80 mm)



Body diameter specific holders to *maximize rigidity* while drilling



Ease of insert selection with *ISO geometries* compared to T-A[®]



Consistency of a spade, with penetration rates of a *high performance* drill



**ALLIED MACHINE
& ENGINEERING**



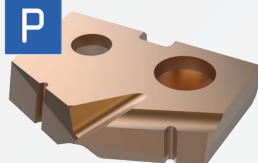
**YOUR COMPANY
LOGO GOES HERE**



REDESIGNED INSERTS

Ø 0.3739" - 1.8820" (9.50 mm - 47.80 mm)

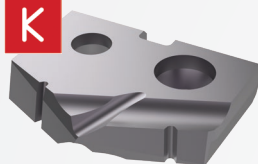
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STEELS

- Designed to provide increased penetration rates and tool life in steel applications.
- Excellent chip control with superior geometry and edge.
- Increased heat resistance and improved tool life with Allied's multilayer AM300® coating.

K



CAST IRONS

- Uniquely designed for cast/nodular iron applications.
- Geometry that provides maximum tool life, reduced exit burr, and improved hole finish.
- Increased abrasion resistance and tool life with Allied's multilayer TiAlN coating.

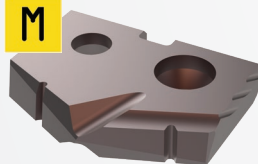
N



NONFERROUS

- Designed for applications in aluminum, brass, and copper.
- Geometry that yields excellent chip control in these softer materials.
- TiCN coating for versatility to run in a variety of materials while reducing buildup.

M

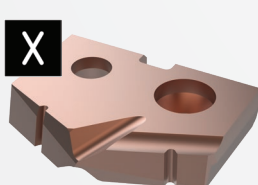


Available in Z-3 series only

STAINLESS STEEL

- Designed for all stainless steels and heat resistant super alloy (HRSA) materials.
- Optimized geometry for improved chip formation while minimizing exit burr.
- Industry leading tool life in stainless and HRSA materials with Allied's new AM460 coating.

X



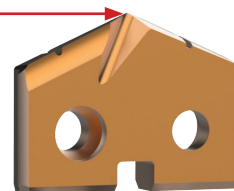
SUBSTRATE FROM HIGH-SPEED STEEL

- Multipurpose geometry engineered for a wide range of materials.
- Reliable tool life and high process repeatability in the most challenging applications.
- Excellent heat resistance and high lubricity for broad scope use with Allied's multilayer AM200® coating.

T-A Pro®

The **best** just got **BETTER.**

INSERT DESIGN
ISO-specific geometries with a new point design to **simplify** your insert choices



COOLANT DESIGN
Proprietary coolant outlet configuration provides **superior** cooling even in **low-coolant** applications



HOLDER DESIGN
Optimized flute design to **prevent chip packing** from slowing you down



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CONTACT YOUR LOCAL ALLIED FIELD SALES ENGINEERS (FSES) FOR ASSISTANCE WITH ANY APPLICATION.

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