

## Special Tools - Concept Section

The T-A<sup>®</sup> Drilling System is an excellent choice when looking for the ultimate in High Tech drilling for CNC or manual equipment. We manufacture to your drawing or offer turn key design solutions. Please [click here](#) and fill out our Special Tools Form to assist us when developing special products for your applications.

### \* Examples of Special application T-A<sup>®</sup> Drill Inserts



Drill, C'Bore and C'Sink tool is shown, but any combination of indexable carbide inserts may be used with out T-A<sup>®</sup> drill inserts. Excellent Sub-Land drill replacement

Special length holders provide a wide variety of depth to diameter ratios.



This shallow hole design has a bushing support diameter larger than the largest drill to be used. It requires only one bushing size for a variety of drill diameters. Rapid set-up and size change is especially beneficial in multiple spindle applications.

A Combination Drill, C'Sink and C'Bore tool used to complete a lug hole in one operation for aluminum wheel industry





\* Drill Insert with Corner Radius



\* Spot Drill & C'Sink

The Allied T-A<sup>®</sup> drill inset is an excellent choice to be combined with indexable carbide inserts. Our T-A<sup>®</sup> drill inset is very forgiving and adds stability to the machining process. High production rates and exceptional tool life without any need for machine adjustment or regrinding make this product **UNIQUE!** Please [click here](#) and fill out our Special Tools Form to assist us when developing special products for your applications.

### \* Examples of Special application T-A<sup>®</sup> Drill Inserts



The helical gullet combination tool shown is for shallow holes when a drill bushing is used. The larger body allows the indexable carbide inserts to pass through a drill bushing without damaging the inserts.

\* Special form blades are designed to work in conjunction with indexable carbide inserts to provide a complete hole solution.



Holders with carbide wearpads can be used when it is necessary to drill through an interrupted cut. Wear strip holders are also used for deeper hole applications where straightness is critical.

Helical gullet holders for dedicated sizes allow the Allied T-A<sup>®</sup> drill insert to work in the same type of applications as twist drills. This replaceable tip oil hole drill offers higher production rates and longer tool life without any need to adjust machine length settings when the drill tip is changed. The replaceable drill tips in various materials grades and coatings make this product cost effective in a wide range of applications.



**\* Spur Point**

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