

CITCO High-performance PCD Drills



Ultimate precision & productivity

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- Increased productivity in composite materials and non-ferrous metals
 - Solid PCD tip or flat PCD segment
 - Eliminate delamination and break out
 - Maintain strength and accuracy
 - Improved performance and tool life over HSS/Cobalt
 - Reduced cost per hole drilled

“The exclusive CITCO high-performance PCD drills were developed by Fives specifically to meet the requirements of today’s precision drilling applications.”

With virtually no drill point geometry limitations Fives is able to engineer a drill to help eliminate delamination and break out while maintaining strength and accuracy. PCD has superior abrasion resistance giving the ability to keep the sharp edge that is required to drill composite materials.

TOOLING ADVANTAGES

- Tungsten carbide drill body with a PCD drill point
- Diameter range from 1.5mm up to 19mm is available
- Engineered point geometry for reducing cutting force, avoiding delaminations
- Boost stability and reduce deflection
- Maintain precision tolerances while increasing productivity

CITCO PCD tipped drills are designed with a solid PCD tip or flat PCD segment as multi-application, high-performance drills that provide high-capacity utilization, greater flexibility and versatility, ideal for machining composites as well as stacked materials.



TOOLING SPECIFICATIONS

- Fractional, Number, Metric, Letter sizes
- Standard and non-standard lengths
- Custom tip geometries for stacked and composite materials

APPLICATION

- Optimized for composite material and non-ferrous metals
- Custom tip geometries for stacked and composite materials
- Capable of drilling CFRP and GFRP materials
- Use for high demanding hole quality
- Tool specifications

RECONDITIONING SERVICE OFFERED

- Fast turnaround
- No drop in tool life

“Fives offers the best in class drill to reduce the overall cost per hole drilled and better ROI”



CONTACT US:

Fives Landis Corp. (CITCO Tools)
7605 Discovery Lane - Concord Twp., OH 44077 - USA
Tel: +1 440 709 0700 - Fax: +1 440 709 0710
Email: citcoinfo@fivesgroup.com

www.fivesgroup.com