

DIA-DAD

Double Angle Drill

Diamond Coated



PATENT PENDING

The DAD is a patent pending diamond coated drill specifically designed to eliminate delamination on the exit side only. The drill features our double angle point geometry paired with our patented diamond coating.

Performance Highlights

OSG's new drill design for composite materials combines sharpness, low cutting resistance geometries, and our diamond coating to maximize performance.

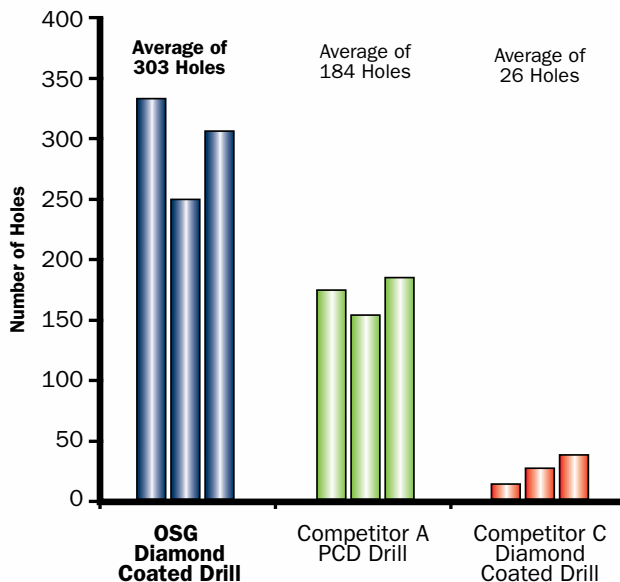
Tool Dia	6 mm
Work Material	CFRP
Drilling Speed	60 m/min.
Feed	0,07 mm/rev.
Depth of Hole	18 mm Depth Three-layer Stack (Through)
Coolant	Dry
Machine	Special Machine for Drilling
Tool Life	Delamination



OSG Diamond Coated Drill



Competitor



The above graph illustrates the average of three individual trials.



Applications

- ◆ Excels in carbon and glass composites and honeycombs
- ◆ Best applied for countersunk holes
- ◆ Excellent in CFRP & Al stack applications

Features

- ◆ Double angle to reduce push-out exit delamination
- ◆ High helix for ultra sharp cutting edges

