



UNCOMPLICATE COMPOSITES MACHINING

Kennametal has mastered navigating the challenges of composites machining by providing consistent material surface finishes and increasing material removal rates with innovative tooling solutions that can take your projects weight savings and strength to the next level.

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SOLUTIONS**



COMPOSITES TOOLING HIGHLIGHTS

KenDrill™ SPF Drills

- Advanced 90°-point angle design increases centering capability of the tool and minimizes delamination
- Available PCD tipped or with CVD diamond coating providing increased tool life with high wear resistance and reduced friction
- Combination of design and grade leads to reduced thrust and improved hole quality

KMT MM #	MSC Part #	ANSI Catalog #	Grade
6770419	15659956	B518H06350SPFP	KDC05
6771201	15658743	B536H06350SPFP	KCC05

KenDrill™ DAL Drills

- Innovative double angle point design offers excellent centering capabilities and minimized burr when exiting the metal side of stacked materials
- Through-coolant and non-coolant drills for applications with standard coolant, MQL or even dry
- PCD tipped option for sharpest cutting edge or multi-layer CVD diamond coating option providing high wear resistance and reduced friction both for increased tool life

KMT MM #	MSC Part #	ANSI Catalog #	Grade
5420673	42701359	B551A06350DAL	KN15
6768939	15658495	B556H06350DALP	KCC05
6771206	15660111	B566A06350DAL	KDC15

KenCut™ Carbon Fiber Burr Routers

- Delivering the highest MRRs and superior surface quality
- Designed for trimming, slotting and profiling fiberglasses and composites
- Multilayer CVD diamond coating in combination with proprietary substrate optimizes coating adhesion and improves tool life

KMT MM #	MSC Part #	ANSI Catalog #	Grade
4137474	46880514	CBDB0500JXBS	KCN05
4137459	46880555	CBDB0250JXAS	KCN05
4137461	58453689	CBDB0375JXAS	KCN05

KenCut™ Carbon Fiber Compression Routers

- Designed for trimming and providing high feed rates and quality edges on both sides of the material
- Up-cut/down-cut geometry prevents delamination and promotes stable cutting conditions
- Multilayer CVD diamond coating in combination with proprietary substrate optimizes coating adhesion and improves tool life

KMT MM #	MSC Part #	ANSI Catalog #	Grade
4137733	58460452	CCDC0500J6AH	KCN05
4137446	58458779	CCNC0250J3AH	KCN05
4137279	58460569	CCNC0500J4AH	KCN05

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