

Non-Ferrous Materials

N2

Low-Silicon Aluminium Alloys (Hypoeutectic <12.2% Si) and Magnesium Alloys

N3

High-Silicon Aluminium Alloys (Hypereutectic >12.2% Si) and Magnesium Alloys

N4

Copper, Brass, Zinc-Based Materials

N5

Nylon, Plastics, Rubber, Phenolics, Resins, Fibreglass, Glass

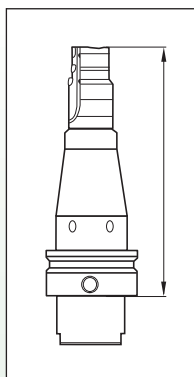
N6

Carbon and Graphite Composites: Brush Alloys, Kevlar, Graphite

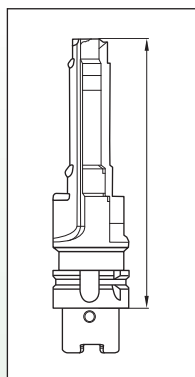
N7

MMCs — Aluminium Based Metal Matrix Composites

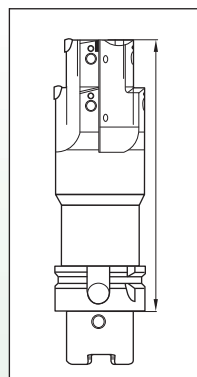
WIDIA™ PCD Styles for Reamers/CS



PKD ST —
Steel Shank



PKD STM —
Monoblock



PKD STMJ —
Adjustable
Cutting Edges

PKD SC —
Solid Carbide
Shank

Material	Coolant Style Grade	Coolant Style Grade	Coolant Style Grade
Al <7%	MQL, Emulsion	PCD SC PCD STM PCD STMU	WBK45U
Al <12%	MQL, Emulsion		WBK45U
Al <12%	Emulsion	PCD SC	WBK45U
Mg Alloys	Emulsion	PCD SC	WBK45U
CFK	Dry	PCD SC	WBK45U