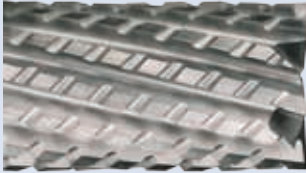


## AXIS PRODUCT P543 CFRP Router



### Product Features

Balanced geometry

Sharp cutting edges

Optimised Carbide grade

Nano crystalline  CVD - Diamond Coating

### Application

Job Part Name	CFRP Aircraft structure member
Material	CFRP
Machine	Jobs Drill
Machine Details	Vertical Cum Horizontal Milling
Job Details	Challenges due to structure configuration
Dimensions	ø9.525mm


### Objectives

Delamination / Burr Free Surface

Longer Tool Life

Reduction in Process Cost

### Performance AXIS vs Competitor

Tool Used	P543_AXIS	Competitor
Design	Sharp cutting edges Balanced geometry	—
Coating	 Nano crystalline Diamond Coated	Diamond Coated
Cutting Speed Vc m/min	148	148
Feed mm/min	1200	1000
Radial Depth of Cut mm	0.60	0.60
Axial Depth of Cut	Not applicable	Not applicable

### Results

