

Our products:

Our grinding wheel program containing the 3M 6CHN and 3M 6CBB types rounds off our portfolio of highly innovative grinding wheels for grinding shaft tools on CNC machines:

3M™ Metal-hybrid bonded diamond grinding wheels 6CHN

With their unique properties, the 3M 6CHN rounds off our portfolio for grinding shaft tools. Specially developed and adapted for the web thinning, clearance angle grinding, and relief grinding operation, these wheels enable fast grinding and optimal surface quality due to their high material removal capacity and extremely high profile retention.

3M™ Resin bonded diamond grinding wheels 6CBB

Special resins and the addition of innovative additives lend these grinding wheels great flexibility with simultaneously high edge stability. These wheels are therefore suitable for web thinning, clearance angle grinding, and relief grinding when manufacturing tools as well as when sharpening them. They are especially suitable for sharpening worn tools on high performance machines.

lower	Profile retention		higher
	3M™ 6CBB	3M™ 6CHN	
	Synthetic resin bonding	Hybrid metal bonding	
	Good removal performance	High removal rates	
	Good edge stability	High profile retention	
	Suitable for grinding operations with low feed and removal rates	Suitable for grinding operations with higher feed and removal rates	
	Suitable for oils and emulsions	Suitable for oils and emulsions	
	Ideal for sharpening operations	Ideal for automated production	



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